

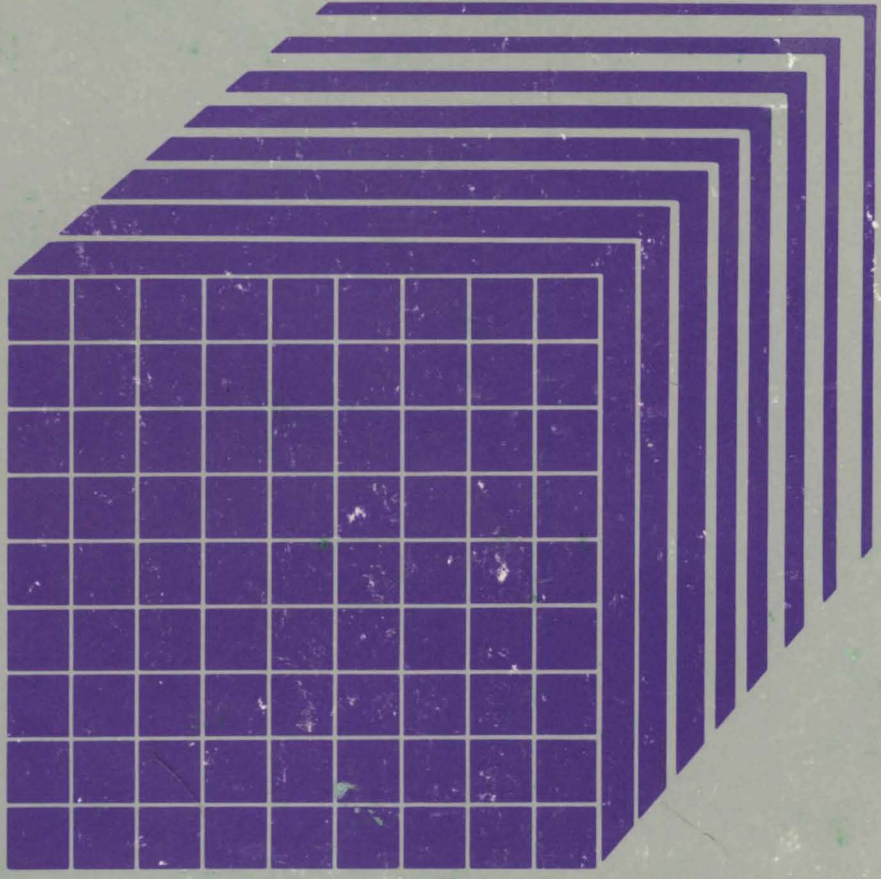


Virtual Machine/
System Product
High Performance Option

**System Messages
and Codes**

Release 3.6

SC19-6226-4



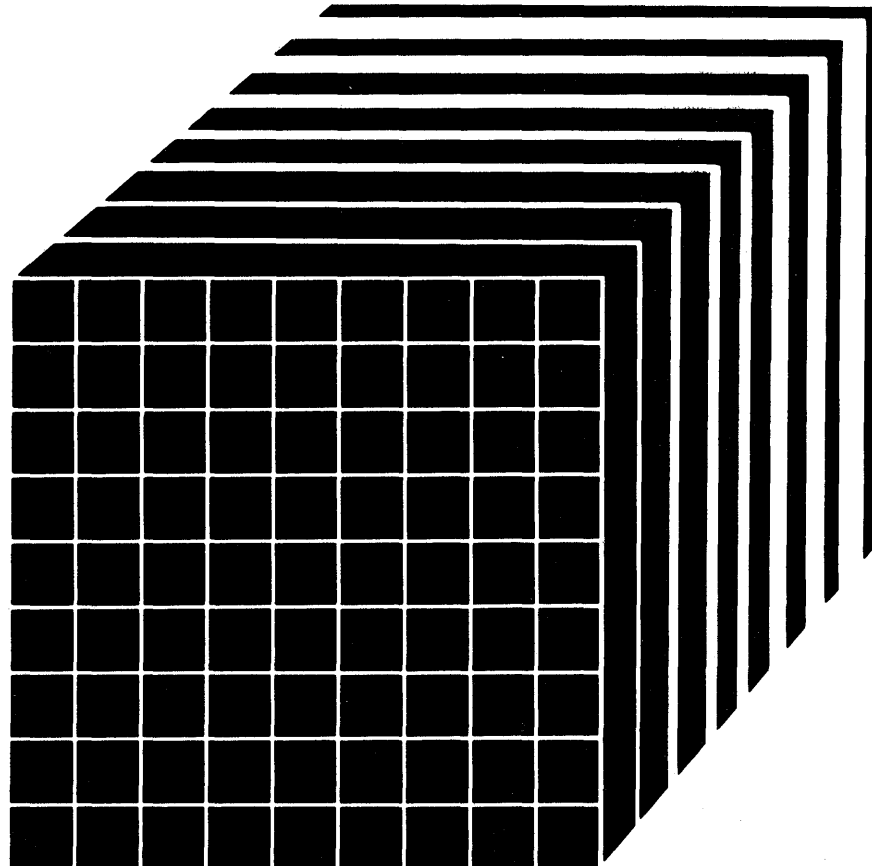


Virtual Machine/
System Product
High Performance Option

System Messages and Codes

Release 3.6

SC19-6226-4



The term "VM/SP High Performance Option" applies to the VM/SP High Performance Option Program Product when used in conjunction with the VM/System Product Program Product.

Fifth Edition (October 1985)

This is a major revision of SC19-6226-3. See the Summary of Changes following the Contents for the changes made to this manual. Technical changes or additions to the text and illustrations are indicated by a vertical line to the left of the change.

This edition applies to Release 3.6 of IBM Virtual Machine/System Product High Performance Option Program Product (Program Number 5664-173) and to all subsequent releases and modifications until otherwise indicated in new editions or Technical Newsletters. The previous edition still applies to Release 3.4 of IBM Virtual Machine/System Product High Performance Option Program Product and may now be ordered using the temporary order number ST00-1559. Changes are made periodically to the information herein; before using this publication in connection with the operation of IBM systems, consult the latest *IBM System/370 and 4300 Processors Bibliography*, GC20-0001, for the editions that are applicable and current.

References in this publication to IBM products, programs, or services do not imply that IBM intends to make these available in all countries in which IBM operates. Any reference to an IBM program product in this publication is not intended to state or imply that only IBM's program product may be used. Any functionally equivalent program may be used instead.

Publications are not stocked at the address given below. Requests for IBM publications should be made to your IBM representative or to the IBM branch office serving your locality.

A form for readers' comments is provided at the back of this publication. If the form has been removed, comments may be addressed to International Business Machines Corporation, Department 52Q, Neighborhood Road, Kingston, N.Y. 12401. IBM may use or distribute whatever information you supply in any way it believes appropriate without incurring any obligation to you.

Preface

This publication is a reference manual designed for all users. It contains both messages and codes produced by the IBM Virtual Machine/System Product (VM/SP) High Performance Option (HPO).

This publication contains four sections: an Introduction, System Codes, System Messages, and Appendixes.

The "Introduction" contains:

- The format of messages VM/SP High Performance Option generates
- Syntax conventions this publication uses
- CP problem determination procedures

The "System Codes" are divided into the following categories:

- Return Codes
- CP wait state codes
- Loader wait state codes
- RSCS wait state codes
- CP abend codes
- CMS abend codes

The "System Messages" section of this publication is divided as follows:

- Control Program (CP) Messages - DMK prefixes
- Conversational Monitor System (CMS) Messages - DMS prefixes
- Remote Spooling Communication Subsystem (RSCS) Messages - DMT prefixes
- Interactive Problem Control System (IPCS) Messages - DMM prefixes

- Device Support Facility Virtual Disk Initialization Program Messages - IBC prefixes

Note: RSCS and IPCS, in this case, refer to the components of VM/370 Release 6, not the related program products.

The appendixes contain:

- Command-to-Message Cross-Reference
- Message Summary Alphabetically by Message Identifier
- Message-to-Module Cross-Reference
- Message Text-to-Message Identifier Cross-Reference
- VM/SP High Performance Option Restrictions
- User Documentation Page

PREREQUISITE PUBLICATIONS

IBM Virtual Machine/System Product High Performance Option:

Introduction, GC19-6222

Operator's Guide, SC19-6225

CP Command Reference for General Users, SC19-6227

IBM Virtual Machine/System Product:

CMS Command and Macro Reference, ST00-1357

Evaluation

VM/SP HPO
General
Information
Manual
GC19-6221

VM/SP
Introduction
GT00-1349

VM/SP HPO
Library
Guide,
Glossary, and
Master Index
GC23-0187

Planning

VM/SP HPO
Planning
Guide and
Reference
SC19-6223

VM/SP HPO
Operating
Systems in
A Virtual
Machine
GC19-6228

VM/SP
Distributed
Data
Processing
Guide
ST24-5241

VM/SP
Release 3
Guide
ST24-5240

Input/Output
Configuration
Program
User's
Guide and
Reference
GC28-1027

Input/Output
Configuration
Program
User's Guide
and Reference
3090 Proces-
sor Complex
GC38-0039

Installation

VM/SP HPO
Installation
Guide
SC38-0107

Administration

VM/SP HPO
System
Programmer's
Guide
SC19-6224

Operation

VM/SP HPO
Operator's
Guide
SC19-6225

End Use

VM/SP
Terminal
Reference
GT00-1355

VM/SP
CMS
Primer
SQ24-5236

VM/SP
CMS
User's
Guide
ST00-1358

VM/SP
CMS
Command
and Macro
Reference
ST00-1357

VM/SP
SP Editor
User's
Guide
SQ24-5220

VM/SP
SP Editor
Command
and Macro
Reference
ST00-1369

VM/SP HPO
CP
Command
Reference
for General
Users
SC19-6227

VM/SP
SP
Interpreter
User's Guide
ST24-5238

VM/SP
SP
Interpreter
Reference
ST24-5239

VM/SP
EXEC-2
Reference
ST00-1368

Reference Summaries

VM/SP HPO
Quick
Guide
for User's
SX22-0005

VM/SP
HPO
Commands
(General
User)
SX22-0003

VM/SP
HPO
Commands
(Other Than
General
User)
SX22-0004

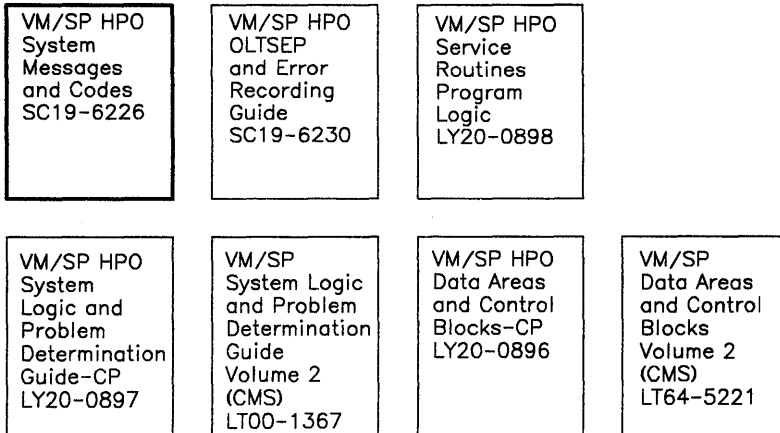
VM/SP
SP Editor
Command
Language
ST00-1370

VM/SP
SP
Interpreter
Language
ST00-1373

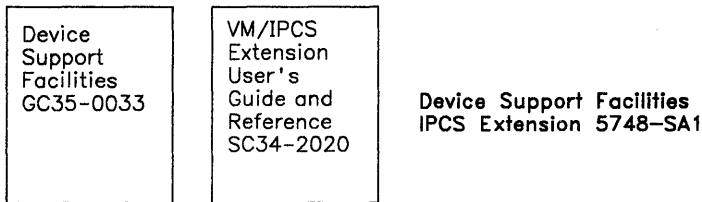
VM/SP
EXEC-2
Language
ST00-1372

Figure 1 (Part 1 of 2). VM/SP HPO Library – Interrelationship of Publications

Program Service



Auxiliary Service Support



Environmental Record
Editing and Printing
(EREP)

Auxiliary Communication Support

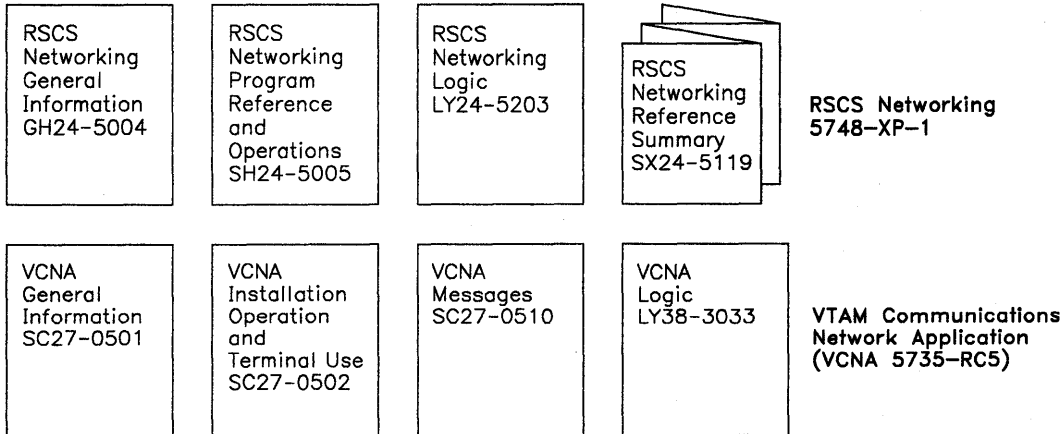


Figure 1 (Part 2 of 2). VM/SP HPO Library – Interrelationship of Publications

Contents

Introduction	1	Remote Spooling Communications Subsystem (RSCS) Messages	411
VM/SP HPO Message Format	1	Interactive Problem Control System (IPCS) Messages	441
VM/SP System Product Editor	1	Device Support Facility Program Messages	453
Messages With 4nxx Identifiers	1	Appendix A. Command-to-Message Cross-Reference	465
Unnumbered Responses	2	CP Message Summary	465
Special Message Facility	2	CP Spontaneous Messages	482
Syntax Conventions	2	CMS Message Summary	483
CP Problem Determination	2	RSCS Message Summary	511
General User Action	2	RSCS Spontaneous Messages	511
System Operator Action	3	General Command Responses	512
Return Codes	5	Specific Command Responses	512
Return Codes Produced by the CP DIRECT Command	6	Messages Generated during System Generation and Initialization	515
Sample Return Code from a CP Command	6	IPCS Message Summary	516
Return Codes Produced by the CMS DDR Command	6	Appendix B. Message Summary Alphamerically by Message Identifier	519
Return Codes Produced by IPCS	6	CP Messages Summary	519
CP Wait State Codes	7	CMS Message Summary	542
Loader Wait State Codes	13	RSCS Message Summary	572
RSCS Wait State Codes	15	IPCS Message Summary	575
CP Abend Codes	17	Appendix C. Message-to-Module Cross-Reference	577
System Operator Action	17	CP Message Summary	577
System Programmer Action	17	CMS Message Summary	582
CMS Abend Codes	47	RSCS Message Summary	589
User Action	47	IPCS Message Summary	590
Information Collection	47	Appendix D. Message Text-to-Message Identifier Cross-Reference	591
Reporting the Abend	47	CP Message Summary	591
Recovering from the Abend	47	CMS Message Summary	612
Control Program (CP) Messages	51	RSCS Message Summary	639
Conversational Monitor System (CMS) Messages	191	IPCS Message Summary	642
CMS EDIT Messages	397	Appendix E. Restrictions	645
DEBUG Messages	404	Channel Programs	645
CMS EXEC Messages	407	Dynamically Modified Channel Programs	645
EXEC 2 Messages	409	Minidisk Restrictions	646
		Timing Dependencies	648

Processor Model-Dependent Functions	649
Channel Model-Dependent Functions	650
Virtual Machine Characteristics	650
Device Dependent Restriction	654
Mass Storage System Restrictions	654
3880 Storage Subsystem Restrictions	654
General Restrictions for Preferred Machine Assist	656

Conversational Monitor System Restrictions	657
Miscellaneous Restrictions	659
Index	663

Figures

1. VM/SP HPO Library — Interrelationship of Publications iv
2. Types and Meanings of Severity Codes 1
3. Variables Used 3
4. CP Error Message Numbers 3
5. Return Codes Produced by the CP DIRECT Command 6
6. Example of a CP LINK Command 6
7. Return Codes Produced by the CMS DDR Command 6
8. CP Abend Codes 18
9. CMS Abend Codes 48

Summary of Changes

**Summary of Changes
for SC19-6226-4
As Updated November 6, 1984
for Release 3.6**

VM/SP HIGH PERFORMANCE OPTION RELEASE 3.6

New: Expanded Programming Support

VM/SP Release 3, or an equivalent program product, is the prerequisite program product for VM/SP High Performance Option Release 3.6. VM/SP High Performance Option Release 3.6 operates with VM/SP Release 3 and incorporates the new and expanded programming facilities, features and support provided by VM/SP Release 3.

3090 Processor Complex Support

New: Hardware Support

VM/SP HPO now supports the 3090 Processor Complex Model 200 as a dyadic processor when operating in System/370 mode. On a 3090 processor, VM/SP HPO supports the following:

- Expanded Storage
- 48 channels in a dyadic configuration

Expanded storage is a paging assist. VM/SP HPO refers to Expanded Storage as Paging Storage. VM/SP HPO uses Paging Storage as a high-speed paging area for improved performance. The following extensions are associated with this support:

- Extensions to the commands and monitor facilities to provide performance data related to the use of Paging Storage
- Extensions to page migration to support Paging Storage
- Extensions to DDR to print or display the contents of Paging Storage.
- Extensions to the SYSPAG macro to support Paging Storage.

Control Switch Assist Extensions to Preferred Machine Assist

New: Programming Support

This support, available on 308X, 4381, and 3090 processors, allows an MVS/SP V=R virtual machine guest (Release 1 Enhancement or later) to use IUCV, many DIAGNOSE instructions, and some Service Call instructions. It also reduces line timeout problems for such guests by letting CP reflect virtual I/O interruptions to the guest.

IBM 3880 Storage Control Model 21

New: Programming Support

The IBM 3880 Storage Control Model 21 is similar to the Model 11, but has a larger cache, two storage directors, and improved data transfer. The Model 21 has a different addressing scheme than the Model 11. Support for this device modifies block paging by providing sequential access. Now both the Model 11 and the Model 21 can use block paging.

Virtual Device Limit Extension

New: Programming Support

This support allows certain virtual machines to attach up to 3280 virtual devices. A new directory option sets the maximum limit of devices for each virtual machine.

Miscellaneous

Changed: Documentation Only

Various technical and editorial changes have been made throughout the publication.

**Summary of Changes
for SC19-6226-3
As Updated July 31, 1984
for Release 3.4**

Enhanced Paging Subsystem

New: Programming Support

Enhanced paging subsystem support, also referred to as block paging, is a new software method designed to improve paging. Enhanced paging

subsystem support groups user pages together into swap sets and moves these swap sets in and out of storage as a group. The support is designed to improve response time for interactive users.

Performance Enhancements

New: Programming Support

The performance on a dyadic processor with a high-speed buffer (cache) is improved without impacting the performance on UP processors. This improved performance is achieved because of the alignment of frequently obtained control blocks on cache-line boundaries, local dispatcher and free-storage queues for each processor, and run queue scanning by processors waiting for work.

Miscellaneous

Changed: Documentation Only

Various technical and editorial changes have been made throughout the publication.

Summary of Changes

for SC19-6226-2

As Updated October 21, 1983

for VM/SP HPO Release 3.2

VM/SP HPO Release 3.2 incorporates the features from all previous VM/SP HPO releases and provides the functional extensions of VM/SP Release 3.

VM/System Product Release 3

Programmable Operator Facility

Changed: Programming Support

Enhancements to the programmable operator facility that have been added are:

- Message routing with nicknames
- Remote node availability
- Enhanced text comparison
- EXEC action routines
- LOG recording and error handling

PER Command

New: Programming Support

Problem determination capability is extended by the new CP command PER.

DASD Block I/O System Service

New: Programming Support

The DASD block I/O system service allows a virtual machine fast, device-independent asynchronous access to fixed size blocks on CMS formatted virtual DASD I/O devices.

IUCV

Changed: Programming Support

Inter-User Communication Vehicle (IUCV) extensions provide:

- SEND and REPLY extensions
- An extended mask for control interrupts
- An expanded trace to record all IUCV operations
- A macro option to initialize the parameter list
- Support for the DASD block I/O system service

3088 Multisystem Communications Unit

New: Hardware Support

The 3088 Multisystem Communications Unit interconnects multiple systems that use block multiplexer channels. The 3088 uses an unshared subchannel for each unique address and is compatible with existing channel-to-channel adapter protocol.

CMS IUCV Support

CMS now supports IUCV communications. This support allows multiple programs within a virtual machine to use IUCV functions. Included is the ability to initialize a CMS virtual machine for IUCV communication and to invoke IUCV functions via new CMS macros. These macros also allow the user to specify path-specific exits for IUCV external interrupts.

CMS Abend Exits

New: Programming Support

A general CMS abnormal exit capability is provided so that user programs can specify the address of a routine to receive control before CMS ABEND recovery begins. An exit is established and cleared through a new CMS macro, ABNEXIT.

Enhanced Immediate Command Support

Changed: Programming Support

The immediate command capability of CMS is extended to allow users to define their own immediate commands.

Enhanced VSAM Support

Changed: Programming Support

CMS supports VSE/VSAM Release 3 which includes enhancements designed to improve catalog reliability and integrity while providing additional serviceability and usability. VSE/VSAM Release 2 is not supported.

Miscellaneous

Changed: Programming Support

Changes to the DIAGNOSE zero interface provide the time zone differential from Greenwich Mean Time.

DIAGNOSE X'8C' allows a virtual machine to access device-dependent information without having to issue a WRITE STRUCTURE FIELD QUERY REPLY.

CMSSEG has been eliminated and the code is merged into the CMS nucleus.

CMS/VSAM Support of the 3380 Direct Access Storage

Changed: Programming Support

CMS/VSAM supports the use of VSAM formatted 3380 Direct Access Storage for the OS VSAM environment.

Documentation

Minor technical and editorial changes have been made throughout this publication.

Summary of Changes

for SC19-6226-1

As Updated March 30, 1983

for VM/SP HPO Release 3

IBM 3880 Storage Control Model 11

New: Hardware Support

The IBM 3880 Storage Control Model 11 implements preferred system paging for 3550 direct access storage devices. The most frequently used pages are kept in main storage. Other frequently used pages are kept in an electronic storage array, or cache, where they can be quickly transferred to main storage.

VM/System Product Release 2

New: Expanded Programming Support

VM/SP Release 2 is the prerequisite program product for VM/SP HPO Release 3. VM/SP HOP Release 3 operates in conjunction with VM/SP Release 2 and incorporates the new and expanded programming facilities, features, and support provided by VM/SP Release 2.

Miscellaneous

Changed: Documentation

Minor technical and editorial changes have been made throughout this publication.

Introduction

This section describes:

- The format messages VM/SP High Performance Option (HPO) program product generates.
- Syntax conventions used in this publication.
- CP problem determination procedures.

VM/SP HPO Message Format

VM/SP HPO generates messages from the Control Program (CP), the Conversational Monitor System (CMS), the Remote Spooling Communications Subsystem (RSCS), and the Interactive Problem Control System (IPCS).

Messages consist of a message identifier and message text. The identifier (for example, DMKCG020E) uniquely identifies the message. The text is a short phrase or sentence describing a condition that has occurred or requesting a response from the user.

The message identifier consists of four fields: a prefix, a module code, a message number, and a type code. The format of the message identifier is:

xxxxmmnnns

where:

xxx is the prefix. Messages are prefixed as follows:

- CP messages — DMK
- CMS messages — DMS
- RSCS messages — DMT
- IPCS messages — DMM

mmm is the module code, three letters that indicate which module generated the message. This field is usually an abbreviation of the name of the module in which the error occurred.

nnn is the message number, three digits that are associated with the condition that caused the message to be generated.

s is the type code, a letter that indicates what kind of condition caused the message. The definition of the type codes depends on the nature of the routine producing the message, as shown in Figure 2.

Prefix	Code	Meaning
CP Commands (DMK)	A	Immediate physical action
	I	Information
	W	Warning or System Wait
	E	Error
CMS Commands (DMS)	R	Response
	I	Information
	W	Warning
	E	Error
	S	Severe error
RSCS Commands (DMT)	T	Terminal (unrecoverable) error
	R	Response
	I	Information
	E	Error
IPCS Commands (DMM)	S	Severe error
	T	Terminal (unrecoverable) error
	R	Response
	I	Information
Service Routines	E	Error
	S	Severe Error
	A	Immediate physical action
	D	Immediate decision
	E	Eventual action
	I	Information
	W	System wait

Figure 2. Types and Meanings of Severity Codes

VM/SP System Product Editor

Error messages for the System Product Editor are located in the CMS section of this publication. All VM/SP System Product Editor messages are within the 500 range (DMSxxx500E - DMSxxx599S).

Messages With 4nxx Identifiers

All messages issued from the CMSBAM discontinuous shared segment, as well as many of the messages issued from the CMSVSAM and CMSAMS discontinuous shared segments are identified by a 4nxx prefix. The text of these messages is in VSE format rather than the standard CMS format. Explanations for these messages are

not in this manual. The appropriate message manual to be used for reference for 4nxx prefix messages is determined by the associated access method. Messages relating to Sequential Access Method (SAM) are described in *VSE/Advanced Functions Messages*. Messages relating to Virtual System Access Method (VSAM) are described in *VSE/VSAM Messages and Codes*.

Unnumbered Responses

All normal, unnumbered responses indicating the successful completion of a command (such as ready message, R;) are included in the *VM/SP CMS Command and Macro Reference*, the *VM/SP HPO CP Command Reference for General Users*, and the *VM/SP HPO Operator's Guide*.

MNOTES

Unnumbered responses can also be the result of executing system generation macro instruction or service programs. These responses, referred to as MNOTES, are documented in logic listings only.

Displaying Messages at the Terminal

When you log on to VM/SP HPO at your terminal, the default setting for the display of messages is TEXT. This means that only the text portion of the message appears when the message is displayed. The message identifier is not displayed.

Since this book is organized by message numbers within component codes, it will be difficult for you to find the explanations of messages if you search through the book for the message text. Therefore, you should issue the CP command SET EMSG ON after you log on. This command causes the message identifier to be displayed along with the text.

Note: If you do not use the SET EMSG ON command, refer to "Appendix D: Message Text-to-Message Identifier Cross Reference" for the first line of the message.

Special Message Facility

The Special Message Facility is a method of transferring special messages from a user to a specially programmed receiving virtual machine. The CP SET SMSG ON command is issued to allow a virtual machine to receive special messages.

Syntax Conventions

The syntax used in the messages and commands in this publication is as follows:

1. Anything within quotes '...' and/or in lowercase letters is replaced at execution time with information in the format described within the quotes.
2. Anything within braces {...|...} indicates alternate text and/or information selected at execution time.
3. Anything within brackets ffl..." may be optionally left out, depending on the condition arising.

See Figure 3 for a list of variables used in this publication.

CP Problem Determination

CP error messages are divided into several categories according to the number (nnn) of the message. See Figure 4 for a complete list of message numbers and related functions.

The general user (class G) and other users receive error messages in the range 001 to 349. Messages ranging from 350 to 699 are for the primary system operator only. Messages ranging from 700 to 999 cover CP service routines and are usually observed only by system support personnel.

General User Action

If in the normal use of CP commands error messages in the range of 001 to 349 persist, the user should perform the following steps before contacting your system representative for programming assistance.

1. Keep the terminal sheet that identifies the problem.
2. Attempt to reproduce the problem, making sure that the full error message function is in effect by issuing the CP command:

```
SET EMSG ON
```

Variable	Meaning
addr	Address for both virtual and real devices
user id	Identifier for a specific user
bbcchh	Bin, cylinder, and head
cm	Command code
cmd	Command
cpuid	Processor identifier
csw	Channel status word
cyl	Cylinder
devname	Device name
fileid	fn ft fm
fm	File mode
fn	File name
ft	File type
imag	Image name
m, mm, or mmmm	Numerical information
mode	Mode letter or mode letter and mode number
name	System name
n, nn, or nnnn	Numerical information
psw	Program status word
raddr	Real device address
rstor	Real storage address
rc	Return code
rid	Resource information
segname	Segment name
sense	Sense data
term-addr	Address of terminal being used
type	IBM device type
userid	Signon identifier for a user
vaddr	Virtual device address
volid	Volume identifier
vstor	Virtual storage address
x,xx, or xxxx	Hexadecimal information

Figure 3. Variables Used

Numbers	Related Function
001-349	CP commands and console functions
350-399	Nucleus loading
400-424	Paging
425-449	Spooling
450-474	Dispatching and service routines
475-499	Directory routine
500-549	Input/output error recovery
550-599	Input/output error recording
600-649	Machine check recovery
650-699	Reserved for IBM use only
700-729	DDR (dump restore) service program
730-749	FMT (format) service program
750-799	DIR (directory) service program
800-849	Reserved for IBM use only
850-899	DMM (VMFDUMP) service routine
900-999	Checkpoint, warm start, dump initialization

Figure 4. CP Error Message Numbers

- Obtain the virtual machine's current configuration by issuing the CP command:

QUERY VIRTUAL
- Where appropriate, and depending upon conditions, obtain a virtual storage dump by issuing the CP command:

DUMP 0-END

System Operator Action

System operators (classes A, B, C, and D) who observe problems with CP commands should do the following:

- Keep the console output sheet identifying the problem.
- Attempt to reproduce the problem with full error message by issuing the CP command:

SET EMSG ON
- Obtain the real machine's configuration status by issuing the CP command:

QUERY ALL
- Reissue the CP command that has been causing the errors. If the problem recurs, force a CPabend dump by pressing the RESTART key (*not* RESET). This technique automatically suppresses tracing while storage is being

dumped. When the system restarts, use the VMFDUMP command to format and print the dump.

Caution: This will cause a system restart and all users must log on again. The advantage of using this technique is that it provides you with a *formatted* dump.

If it is too disruptive to log off all users, you can obtain a dump using the CP command DMCP, which allows all users to remain logged on. Such a dump goes directly to the printer and is not formatted.

Note: You must weigh the advantages and disadvantages of both techniques.

5. If you use the DMCP command, first reissue the CP command causing the problem. Then enter "alter/display" mode and display the following:
 - a. D P - PSW
 - b. D G - General registers
 - c. D C - Control registers

Next, use the class A CP command MONITOR STOP CPTRACE to turn off tracing. Otherwise, the dump would show the dumping activity in the trace table.

Then obtain the dump by issuing:

```
DMCP 0-END
```

Last, turn tracing back on by issuing the CP command MONITOR START CPTRACE.

Note: If you do not have privilege class A, you can stop tracing by issuing the class C command STCP to store X'0000' at location X'400', and resume tracing by storing X'FFFF' at location X'400'.

Refer to the *VM/SP Library Guide and Master Index*, Order Number GC19-6207 for unfamiliar terms used in this publication.

Return Codes

A return code of zero is passed to register 15 if no warning messages, error messages, severe error messages, or terminal error messages are generated during execution of a command.

If however, during execution of a command, a condition arises that results in the display of a warning message, error message, severe error message, or terminal error message, the command passes a nonzero return code in register 15.

Commands that invoke program products pass a nonzero return code to the user. However, this return code has been redefined by the program product or compiler in operation.

Note: The following list does not contain all return codes. Other return codes are shown in the descriptive text of the issuing message.

Code Meaning

- 0001 No CP command with this name was found. (The CP error code of +1 is converted by CMS to -0001 for commands entered from the virtual console.)
- 0002 An attempt was made to execute a CMS command while in CMS subset mode, which would have caused the module to be loaded in the user area (LOADMOD error code 32).
- 0003 No CMS command issued from EXEC was found with this name, or an invalid function occurred when issuing the SET or QUERY command from EXEC with IMPCP active.
- 0004 The LOADMOD failed (for example, there was an error in the module).
- 0005 A LOADMOD was attempted in the wrong environment (for example, the module was generated by the GENMOD command with the OS option and LOADMOD was attempted with DOS = ON specified).
- 4 The user did not specify all the conditions to execute the command as intended. Execution of the command continues, but the result may or may not be as the user intended.

- 8 Device errors occurred for which a Warning message is issued, or errors were introduced into the output file.
- 12 Errors were found in the input file.
- 20 There is an invalid character in the fileid. Valid characters are: 0-9, A-Z, \$, @, #, and a-z.
- 24 The user did not correctly specify the command line.
- 28 An error occurred while trying to access, or manipulate, a user's files; for example, file not found.
- 32 The user's file is not in the expected format, or the user's file does not contain the expected information or an attempt was made to execute a LOADMOD command while in CMS subset mode. This would cause the module to be loaded in the user area.
- 36 An error occurred in the user's devices. For example, a disk is in read-only status, and needs to be in write status in order to write out a file.
- 40 A functional error by the user occurred during execution of the command, or the user failed to supply all the necessary conditions for executing the command, or an end of file or end of tape was reached (where applicable).
- 41 Insufficient storage was available to execute the command.
- 88 A CMS system restriction prevented execution of the command, or the function requested is an unsupported feature, or the device requested is an unsupported device.
- 100 Input/output device errors.
- 104 A functional error for which the system is responsible occurred during execution of the command.
- 256 An unexpected error for which the system is responsible (Terminal Error) occurred during execution of the command.

Return Codes Produced by the CP DIRECT Command

Return codes produced by the CP DIRECT command are listed in Figure 5. xx is the CMS routine return code.

Code	Meaning
1	Invalid filename or file not found
2	Error loading the directory
3	Invalid option from CMS
4	Directory not swapped, user not class A, B, or C
5	Directory not swapped, system (old) directory locked
6	Directory not swapped, the directory in use by the system is not the directory updated
1xx	Error in the CMS RDBUF routine
2xx	Error in the CMS TYPLIN routine

Figure 5. Return Codes Produced by the CP DIRECT Command

Sample Return Code from a CP Command

An example of the CP LINK command invoked while in CMS mode is shown in Figure 6. Commands or functions of commands passed to CP, in turn, pass the return code (via CP) to register 15.

```

ipl cms
VM/SP CMS - mm/dd/yy hh:mm
-----
cp link to * vaddr1 as vaddr2 r

```

Figure 6. Example of a CP LINK Command

The user has entered the CP LINK command to userid *. The user's own directory will be searched for device vaddr1. Vaddr2 is the virtual address assigned to the device for this virtual machine. Read-only access is requested. No password is required because the user has linked to one of his own disks.

The result will be one of the following:

R; a successful execution.
R(nnnnn); indicating an error.

If nnnnn contains a CMS return code, the error occurred in CMS. However if nnnnn contains a CP message identifier, the error occurred in CP.

Return codes can be used by system programmers in the DEBUG subcommand and also in EXEC procedures. See the *VM/SP CMS Command and Macro Reference* for a description of the &RETCODE special variable.

Return Codes Produced by the CMS DDR Command

The CMS DDR command produces several return codes. These return codes, along with their meanings are listed in Figure 7. xx is the CMS routine return code.

Code	Meaning
1	Invalid filename or file not found
2	Error running the program
3	Flagged DASD track
4	Permanent tape or DASD I/O error
1xx	Error in PRINTIO routine
2xx	Error in CONREAD routine
3xx	Error in RDBUF routine
4xx	Error in TYPLIN routine
20	Error in DECODING routine

Figure 7. Return Codes Produced by the CMS DDR Command

Return Codes Produced by IPCS

There are two return codes produced by IPCS. These return codes are as follows:

Code	Meaning
4	An incorrectly entered parameter.
8	System failure; a read/write error or an invalid internal parameter.

CP Wait State Codes

001

Explanation: The machine check handler has encountered an unrecoverable failure. Probable hardware error. Issued by module DMKMCH and DMKMCT.

Note: This wait state is also loaded if a malfunction alert occurred on the main processor.

Operator Response: Run the System Environment Record Edit and Print (SEREP) program before restarting the system. To restart, clear storage and IPL the system, specifying CKPT start. If the problem persists, contact your system support personnel. Do not use the SEREP program on 4341, 4381, 308x processor complex, and 3090 processors as you will get invalid results.

002

Explanation: The channel check handler has encountered an unrecoverable failure. Probable hardware error. Issued by module DMKCCH.

Operator Response: Run the System Environment Record Edit and Print (SEREP) program before restarting the system. To restart, clear storage and IPL the system, specifying CKPT start. If the problem persists, contact your system support personnel. Do not use the SEREP program on 4341, 4381, 308x processor complex, and 3090 processors as you will get invalid results.

003

Explanation: A system failure occurred during dump processing or restart processing. Module DMKDMP issues this message when it detects one of the following conditions:

1. The system attempts to write the dump to a printer, but no printers have been defined in DMKRIO.
2. The system attempts to write the dump to a printer, but all printers are offline.
3. The system is unable to restart itself due to a fatal I/O error condition on an IPL device.
4. A fatal I/O error condition occurs on a dump device (either a tape or printer).

To determine the specific failing condition, examine the contents of register 14 at the time of the wait state.

Operator Response: Reload (via IPL) the system. To restart, clear storage and IPL the system, specifying CKPT start. If the problem persists, contact your system support personnel.

004

Explanation: A system failure occurred before a valid warm start was performed. Issued by module DMKDMP.

Operator Response: Reload (via IPL) the system. If the error persists, clear storage before attempting another IPL. If the problem persists after the second IPL with cleared storage, a cold start is probably required. Save the dump produced on the prespecified dump device for your system support personnel. Refer to the message description for possible causes.

005

Explanation: The CP initialization module (DMKCPI) could not find an operational primary or alternate console. Probable hardware error. Issued by module DMKCPI.

Operator Response: Reload (via IPL) the system. If the problem persists, contact your system support personnel.

006

Explanation: This is a normal wait when a system shutdown is completed. Issued by module DMKCPI.

Operator Response: Follow normal operating procedures.

007

Explanation: A program check, a machine check, a permanent I/O error, invalid warm start data, an invalid warm start cylinder, or a full warm start cylinder was encountered by the checkpoint program. Issued by module DMKCKP.

Operator Response: For message DMKCKP901W, run SEREP to document the machine check, then

contact your system support personnel. For message DMKCKP902W, an indication of an unrecoverable I/O error, move the SYSRES volume if possible and try to checkpoint the system. For message DMKCKP910W, if more than one SYSRES volume is mounted, check to see that the correct volume is loaded (via IPL) and try a checkpoint operation. If the operation fails again use the following procedure. This procedure is to be used for all other DMKCKP messages as well.

1. Dump the first 3000 hexadecimal storage locations.
2. Dump the warm start cylinders.
3. Contact program support personnel.
4. To restart, clear storage and initialize the system, specifying CKPT start.

The following storage locations contain information related to wait state 007.

Hexadecimal Location	Contents
10	Sense data up to 24 bytes
40	Channel status word (8 bytes)
48	Channel address word (4 bytes)
808	Pointer to error message (4 bytes)
816	Cylinder address of the first nucleus cylinder (2 bytes)
818	Cylinder address of the last nucleus cylinder (2 bytes)
820	Device class of SYSRES device (RDEVTYPC)
828	BBCCHHR of the DMKSAV module on disk-- 7 bytes (count-key-data) or locate block number (FB-512)
848	Current seek address BBCCHHR (count-key-data) or locate block number (FB-512)
800-17FF	Checkpoint program (DMKCKP)
1800-3000	Checkpoint work area and 4096-byte buffer

If the SYSRES device is FB-512 (RDEVTYPC = CLASFBA), the contents of the following hexadecimal locations are changed:

816	Block address of the first page of the CP nucleus (4 bytes)
-----	---

822 Block address of the last page of the CP nucleus (4 bytes)

An error message preceding the wait state may or may not be displayed, depending upon the status of the console. If the error message is not displayed, hexadecimal location 808 contains the address of the error message (60 bytes in length).

008

Explanation: Checkpoint and system shutdown are complete or system recovery has failed. Issued by module DMKCKP.

Operator Response: If messages preceded the wait, follow normal operating procedures prescribed by your installation after shutdown. If messages did not precede the wait, either:

1. The console printer was unavailable for some reason. Before initializing a new system, make sure the console printer has been made operational, or
2. The system is running from the alternate console. Messages DMKCKP910I, DMKCKP911W, DMKCKP960I, and DMKCKP961W do not appear on the alternate console. Follow normal operating procedures prescribed by your installation after shutdown.

009

Explanation: An error condition occurred which prevents a warm start. Issued by module DMKWWRM.

Operator Response: If the message is DMKWWRM904W or DMKWWRM921W, immediately retry warm start system initialization. If the error message recurs, move the VM/SP HPO SYSRES pack to another location and try a warm start again. If message DMKWWRM903W or DMKWWRM912W is encountered, ensure that all system volumes (no duplicate labels) are correctly mounted, and then attempt a warm start.

If warm start errors persist, force a system dump to the printer by pressing the system console RESTART key, and save the results for the installation support personnel.

If the message is DMKWWRM920W, restart the system using CKPT start. Otherwise, use a FORCE or COLD start.

00A

Explanation: A machine check occurred while DMKSAV was attempting to save or restore a page image copy of the nucleus on a SYSRES device. Probable hardware error. Issued by module DMKSAV.

Operator Response: Run the System Environment Record Edit and Print (SEREP) program before reloading. If the problem persists, contact your system support personnel. Do not use the SEREP program on 4341, 4381, 308x processor complex, and 3090 processors as you will get invalid results.

00B

Explanation: A machine check error occurred during system initialization. Probable hardware error. Issued by module DMKCPI.

Operator Response: Run the System Environment Record Edit and Print (SEREP) program before performing another IPL. If the problem persists, contact your system support personnel. Do not use the SEREP program on 4341, 4381, 308x processor complex, and 3090 processors as you will get invalid results.

00C

Explanation: An IPL was performed on a system volume that had never had a nucleus written on it.

Operator Response: Follow normal operating procedure.

00D

Explanation: The generated system is larger than the real machine size, or else a hardware malfunction has occurred which inhibits the system from using the necessary storage. Issued by module DMKCPI.

Operator Response: Take a standalone dump and notify the system programmer.

00E

Explanation: An error condition prevents a CKPT start. Issued by module DMKCKS.

Operator Response: If message DMKCKS915E is issued, try CKPT start again. If the error persists, move the VM/SP HPO SYSRES pack to another DASD and try again. If message DMKCKS916E is

issued, reload (via IPL) the system, using the FORCE option of the START command. If message DMKCKS903E or DMKCKS912E is issued, ensure that all system volumes (no duplicate labels) are correctly mounted, and then attempt a CKPT start. If message DMKCKS917E is issued, reload (via IPL) the system via a COLD start.

00F

Explanation: Hardware errors are being received on the system paging device(s). Issued by module DMKPAG.

Operator Response: This wait state is preceded by message

DMKPAG415E CONTINUOUS PAGING ERRORS
FROM DASD xxx

If there are multiple paging devices on the system, disable the device causing the error condition and reload (via IPL) the system. Or, move the paging volume pack to another physical device. This error condition results if the system paging volume has not been formatted correctly.

010

Explanation: A recoverable error occurred during a system nucleus save operation. Issued by module DMKSAV.

Operator Response: This wait state is preceded by either the message DMKSAV350W or DMKSAV351W. Correct the problem stated in the message and present an external interrupt to initiate a retry.

011

Explanation: An unrecoverable I/O error occurred. Issued by module DMKSAV.

Operator Response: This wait state is preceded by message DMKSAV352W or DMKSAV353W. Correct the problem stated in the message and load (IPL) the tape again.

012

Explanation: This is a normal wait state on completion of a nucleus load. Issued by module DMKSAV.

Operator Response: Follow normal operating procedure.

013

Explanation: The machine check handler encountered an unrecoverable error on the attached processor. Probable hardware error. Issued by module DMKMCT.

Notes:

1. *This wait state is also loaded if a malfunction alert occurred on the attached processor and CP was in control.*
2. *This wait state is also issued by DMKAPI during Attached Processor initialization: either because of a malfunction alert or unrecoverable machine check on the attached (being varied on) processor.*

Operator Response: Run the System Environment Record Edit and Print (SEREP) program before restarting the system. If the problem persists, contact your system support personnel. Do not use the SEREP program on 4341, 4381, 308x processor complex, and 3090 processors as you will get invalid results.

To restart, clear storage and IPL the system, specifying CKPT start.

Note: VM/SP HPO cannot checkpoint and warm start after a machine check error on System/370 Models 165 and 168. The inability to warm start is caused by running the 165 or 168 SEREP program.

014

Explanation: A failing storage frame was encountered during a CP system save or check point operation. Issued by DMKSAV and DMKCKP.

Operator Response: Run the System Environment Record Edit and Print (SEREP) program before restarting the system. To restart the system, clear storage and initialize (via IPL) the VM/SP HPO system, specifying CKPT start. If the problem persists, contact your system support personnel.

015

Explanation: A SIGP issued to the attached processor during system initialization by DMKCPI or DMKAPI was unsuccessful. The following information is made available:

- R0 = SIGP order code

- R1 = SIGP status information when the SIGP condition code is 1
- R2 = Processor address that was signalled

Note: The wait state PSW will contain the condition code returned from the SIGP. The PSW is in the BC format. Refer to the *IBM System/370 Principles of Operation* for a functional description of the SIGP instruction.

Operator Response: If hardware errors are present, run the System Environment Record Edit and Print (SEREP) program before retrying. If the status information indicates an operator intervention, clear the condition on the attached processor and reinitialize CP. If the status indicator of the required microprogram is not loaded, load the microprogram and reinitialize CP. If the problem persists, contact your system support personnel. Do not use the SEREP program on 4341, 4381, 308x processor complex, and 3090 processors as you will get invalid results.

016

Explanation: (1) The CP initialization module (DMKCPI) could not connect the channel set to the main processor or the IPL device is not accessible through any available channel set. Probable hardware error. Issued by DMKCPI. (2) A hardware error occurred on the I/O processor or the I/O processor was being varied offline. An attempt to disconnect, then connect the channel set to the attached processor failed. Probable hardware error. Issued by DMKCPU.

Operator Response: Run the System Environment Record Edit and Print (SEREP) program before restarting the system. If the problem persists, contact your system support personnel.

To restart, clear storage and initialize the VM/SP HPO system, specifying checkpoint start.

017

Explanation: An I/O error occurred while attempting to read page 2 of the DMKCKP module from the system residence volume during an IPL or restart.

Operator Response: Correct the I/O error and re-IPL.

018

Explanation: Invalid TOD clock. The clock must be set before an IPL can be completed. Issued by module DMKCPI.

Operator Response: Manually do a clock set; if that fails, call IBM for hardware assistance.

019

Explanation: (1) This processor is being terminated, and its new PSWs have been set up by the processor termination routine to load disabled wait PSWs with code X'019'. This processor then took an interruption. (2) The processor termination routine was entered on this processor while processor termination was in process for this processor. (issued by DMKMCT). (3) Processor termination was in process for the other processor, but the other processor continued to run and obtained a system lock. (Issued by DMKCPP and DMKMCT.)

Operator Response: Usually caused by bad status received during a SIGP, which initiates processor termination actions. The bad status may have been caused by hitting the STOP button on one processor in the configuration. If STOP is to be hit, both processors in the configuration must be STOPed. If neither processor has been manually stopped, there is probably a hardware error associated with the SIGP function.

01B

Explanation: During IPL, a wrong or inconsistent allocation extent map was found on the FB-512 system residence volume. Module DMKCPI issues this message.

Operator Response: Use IPL FMT program to check the allocation extent map; use the END statement only to display current status). In case of error, correct it and re-IPL.

Note: If the system residence volume was restored or copied from a different sized FB-512 device (for example, from 3370 to 3310), the problem can occur even when the allocation extent map looks correct. To fix this, run the IPL FMT allocation function and include END as the sole entry.

01C

Explanation: The DEVTYPE operand in the RDEVICE macro of DMKRIO does not match the actual device type value obtained from an RDC CCW during IPL of the SYSRES device.

Operator Response: Correct the DEVTYPE operand in the RDEVICE macro so that it matches the actual device type. Then rebuild the CP nucleus and re-IPL.

01D

Explanation: A dump was written to an area of DASD that has no ALOCBLOK associated with it. Module DMKDMP issues this wait state.

Operator Response: Examine the allocation record of the dump volume with the FORMAT/ALLOCATE program. Verify that the areas of the dump volume that will not be used are labeled as 'PERM'. If the allocation is correct and the problem persists, contact system support personnel.

027

Explanation: An unrecoverable I/O error occurred or system input is incorrect. Issued by module DMKSSP.

Operator Response: Correct the input/output error or the system input, and reload (via IPL) the starter system.

Loader Wait State Codes

The loader (DMKLD00E) is a service program that loads a CP, CMS, or RSCS nucleus, and produces a load map. The loader loads the object modules (TEXT files) supplied with it, resolves CCW addresses, and resolves address constants.

If the loader is terminated, one of the following wait conditions is indicated in the instruction counter:

Code	Meaning
X'111111'	A program check occurred. When loading a nucleus with a V=R area, the user area must include: loader + nucleus that is being loaded + the V=R area = total storage requirement. The area must be larger than this total to use the loader. (Refer to the <i>VM/SP HPO Installation Guide</i> .)
X'222222'	A unit check occurred while the bootstrap routine was reading in the loader.
X'999999'	An SVC was issued.
X'AAAAAA'	A failing storage frame was entered while loading the CP nucleus. This is a hardware error. If the problem persists, contact your system support personnel.
X'BBBBBB'	A machine check occurred.
X'CCCCCC'	An I/O error occurred on the card reader.
X'FFFFFF'	An I/O error occurred for the console (X'00' contains the message UNRECOVERABLE ERROR), or the control card for changing the default I/O addresses for the printer or terminal is invalid (X'00' contains the message BAD DEVICE CARD or INVALID DEVICE SPECIFIED).

If the instruction counter contains X'999999', indicating an SVC wait state, examine the interruption code (the third and fourth bytes of the supervisor old PSW). The interruption codes (shown in hexadecimal below) indicate the error condition.

64

Explanation: An error occurred during conversion of a value from hexadecimal to binary format. This can be caused by invalid input in one of the loader statements, or by an error in the loader.

Operator Response: Validate the copy of the loader you are currently using against the copy on the original distribution tape. If the current copy is no longer valid, replace it. If the input in the statements is invalid, correct it. If the problem persists, contact your system support personnel.

65

Explanation: There is no more free storage available for the loader.

Operator Response: Define a larger storage size for the virtual machine and reexecute the loader.

66

Explanation: A duplicate type 1 ESD (External Symbol Dictionary) entry has been encountered. The loader cannot resolve this reference. This may be the result of a duplicate text deck in the input stream, or of having the same label in two different text decks in the same input stream.

Operator Response: Close the printer to get the load map printed. Look at the load map to see which text deck and which entry are causing the problem. If you can correct the problem, do so; otherwise, contact your system support personnel.

67

Explanation: The "name" in the LDT (Loader Terminate) statement is undefined.

Operator Response: Verify that the name in the LDT statement is correct; if it is, make sure that it is defined as an entry point in the program to be loaded.

68

Explanation: The control section named in the ICS (Include Control Section) statement was not found by end of file.

Operator Response: Verify that the control section name in the ICS statement is correct; if it is, make sure that the control section is defined in the program to be loaded.

69

Explanation: The loader attempted to add another entry to the reference table, which would have caused the table to overflow. Since the reference table supplied by VM/SP HPO is large enough to allow the CP nucleus to be generated, it must be assumed that the inclusion of local additions to the CP nucleus have caused the excessive references to be generated.

Operator Response: Increase the size of the reference table by changing the MAXREF equate field in the source code for the loader program, reassembling it, and then reexecuting the loader. Once the size of the reference table has been increased, error code 6A may occur. In that case, define a larger storage size for the virtual machine. If the problem persists, contact your system support personnel.

6A

Explanation: The object modules being loaded are about to overlay the loader.

Operator Response: Define a larger storage size for the virtual machine. To see which module was about to overlay the loader, close the printer to get the load map printed. The last line of the load map indicates the last module that was loaded.

6B

Explanation: The object modules being loaded are about to overlay an address between 0 and 100 (hexadecimal). This state can result if an SLC card changed the address at which loading was to start.

Attempting to load an incorrectly assembled text deck can also cause this wait state to occur.

Operator Response: Check the SLC card to make sure it does not specify an address between 0 and 100 (hex). If you must place data at an address within that range, do not use the loader to do so. Use a program containing a Move Character instruction after the loaded system has started execution. The loaded program is responsible for initializing that part of storage.

If the wait state results from an attempt to load an incorrectly assembled text deck, the load map will indicate this. The last deck in the load map will be flagged with an error message.

6C

Explanation: A failing storage frame was encountered while loading the CP nucleus.

Operator Response: If the problem persists, contact your support personnel.

6D

Explanation: The loader is trying to release storage that is not on a doubleword boundary. This is an internal loader error.

Operator Response: Re-execute the copy of the loader that is in your reader. If the problem persists, regenerate the system to be loaded and try to execute it again. If the problem still persists, the current copy of the loader itself may be damaged; replace it with the loader on the distribution tape. If the problem still persists, contact your system support personnel.

RSCS Wait State Codes

Wait state codes listed in this section are related to the VM/370 component of the Remote Spooling Communications Subsystem.

See the appropriate publications for the Remote Spooling Communications Subsystem Networking Program Product (5748-XP1) wait state codes.

When RSCS enters a wait state, the RSCS operator is notified via the CP message:

```
DMKDSP450W CP ENTERED; DISABLED WAIT PSW
```

issued to the RSCS operator's console. Using CP commands, the operator can display the virtual machine's PSW. The three rightmost hexadecimal characters indicate the error condition.

001

Explanation: If no RSCS message was issued, a program check interrupt has occurred during the execution of the program check handler. The probable cause is a programming error. If the RSCS message

```
DMTREX091T INITIALIZATION FAILURE --  
RSCS SHUTDOWN
```

was issued, RSCS operation has been terminated because of an error in the loading of DMTAXS or DMTLAX. A dump of virtual storage is automatically taken. Verify that the CMS files DMTAXS TEXT and DMTLAX TEXT are correctly written and resident on the RSCS system residence device. If the RSCS message

```
DMTREX090T PROGRAM CHECK IN  
SUPERVISOR -- RSCS SHUTDOWN
```

was issued, the program check handler has terminated RSCS due to a program check interrupt in other than a dispatched line driver. The probable cause is a programming error.

The wait state code is loaded by DMTREX at RSCS termination or automatically during program check handling.

Operator Response: If neither of the above two messages was issued, use the CP DUMP command to dump the contents of virtual storage. IPL to restart. If the problem persists, notify your system support personnel.

007

Explanation: A program check interrupt has occurred during initial processing, before the program check handler could be activated. This may be caused by a programming error or by an attempt to load RSCS into an incompatible virtual machine. The latter case can occur if the virtual machine (1) has an incomplete instruction set, (2) has less than 512K of virtual storage, or (3) does not have the required VM/370 Diagnose interface support. The wait state code is loaded automatically during the initial loading and execution of the RSCS supervisor, DMTINI, DMTREX, DMTAXS, and DMTLAX.

Operator Response: Verify that the RSCS virtual machine configuration has been correctly specified and that the "retrieve subsequent file description" function of DIAGNOSE code X'14' is supported. Dump the contents of virtual storage via the CP DUMP command. If the problem persists, notify your system support personnel.

011

Explanation: An unrecoverable error has occurred during the reading of the RSCS nucleus from DASD storage. This may be caused by a hardware malfunction of the DASD device. It may be the result of (1) an incorrect virtual DASD device definition, (2) an attempt to use a system residence device unsupported by RSCS, (3) incorrect RSCS system generation procedures, or (4) the subsequent overwriting of the RSCS nucleus on the system residence device. The wait state code is loaded by DMTINI after an attempt, successful or not, to issue the message:

```
DMTINI402I IPL DEVICE READ I/O ERROR
```

Operator Response: Verify that the RSCS system residence device has been properly defined as a virtual DASD device and that the real DASD device is mounted and operable. If the problem persists, dump virtual storage via the CP DUMP command and notify your system support personnel. The RSCS system residence device may have to be restarted or the RSCS system may have to be regenerated.

CP Abend Codes

System Operator Action

When a CP abend occurs, you should do the following:

- collect information about the error and the system status
- recover from the abend so processing can continue.

The dump resulting from the abend is usually placed in a spooling file. (See the class-B SET command, SET DUMP, in the *Operator's Guide* to alter the characteristics and receiving unit of the dump.) This spool file is spooled automatically to the virtual reader of the operator who, at system generation time, was designated to receive all dumps. The specified operator should IPL CMS and issue the VMFDUMP command (see the *VM/SP HPO Operator's Guide*) to format and print the dump.

Information Collection

System operators should save and submit the following to determine the problem/s:

- the formatted dump
- the console sheet, as far back as the last IPL of the system
- the output of any Monitor program running at the time of the abend.

Reporting the Abend

If you are going to submit an APAR (authorized program analysis report), you should include with it the items listed above as well as a load map showing applied updates and resolved locations.

To obtain multiple copies of the load map, enter RDR when this prompt appears at system generation time:

```
ROUTE LOAD MAP TO PRINTER OR READER? --  
RESPOND (RDR PRT)
```

As a result, a copy of the load map will be sent to your virtual reader, can be read in as a CMS file, and printed as many times as necessary.

In some instances you may want to write a dump to tape and send it to another location, for example to submit an APAR by mail. To do so, use the following procedure:

- issue the command SET DUMP CP to write the dump to a spool file
- use the VMFDUMP NOPRT command to format this spool file and write it onto a CMS disk
- write this disk file on tape by issuing the CMS command TAPE DUMP.

Once this tape reaches another location, it can be recreated on disk with the TAPE LOAD command.

Recovering from the Abend

The system usually reloads itself via IPL. If it does not, you should attempt a warm start. If you receive errors from which you can recover, correct the cause of the error and attempt to warm start again. If unrecoverable errors occur, clear storage and try to checkpoint (CKPT) start. Should this fail, try to force start. If this fails too, you must cold start the system.

The following pages list the CP abend codes, the modules that issue the codes, the cause of the abend, and the action the system programmer should take to locate and correct the error that caused the abend.

System Programmer Action

Figure 8 describes the reasons for each of the CP abend codes and discusses what the system programmer should do to locate and correct the error that caused the abend.

Abend Code	Reason for Abend	Action
API001	The global system lock or the system operator's VMBLOK lock could not be obtained by the main processor during IPL.	Check DMKLOKSY. If the attached processor owns the system lock, check R12 value in DMKLOKSY 4 to determine who obtained the lock. If the global system lock is held by the main processor, check the system operator's VMBLOK to see if the VMBLOK is locked by the attached processor. If so, VMLOCKER contains the base address of the obtainer at the lock and can be used to determine why the lock was obtained.
ATS001	DMKATS was called to make a shared named system unshared. However, the SHRTABLE associated with the shared page that was changed could not be located.	The SHRTABLE may have been overlaid or the shared page that was changed was altered by another virtual machine. If the SHRTABLE was not overlaid, find out which virtual machine altered the shared page and why it was not detected.
ATS002	A shared page was changed and the corresponding VMABLOK could not be found.	A shared page was altered by another virtual machine without being detected. Investigate the system routines that could allow an undetected alteration of a shared page.
ATS003	During the unshare of a user from a shared named system, DMKSNTBL was brought back in to reconstruct the SWPTABLE of the violator. The named system could not be found in DMKSNTBL.	The SHRTABLE, SAVEWRK2 and SAVEWRK3 area of DMKATSs save area (R13 contains address of save area) or DMKSNTBL (R4 contains its address) have been altered. Investigate the routine that would allow alteration.
ATS004	During the unshare of a user from a shared named system, the system volume containing the named system could not be found.	The system name table entry (R4 contains its address), the SYSOWN list or the RDEVBLKs have been altered. Investigate the routine that would allow alteration.
ATS005	During the unshare of a user from a shared named system, a shared CORTABLE entry (R7 contains its address) was found with the I/O lock bit on.	The CORTABLE, SHRTABLE, PAGTABLE, or ACORETBL have been altered. Investigate the routine that would allow alteration.
ATS006	The resident page count in the VMBLOK (VMPAGES) does not match the number of CORTABLE entries.	Inspect modules that update VMPAGES for the virtual machine. Check the routine to determine why it is inconsistent with the number of CORTABLE entries assigned to this virtual machine.

Figure 8 (Part 1 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
BLD001	R8 should contain a pointer to the RDEVBLK for the user's terminal. DMKBLDVM attempts to create and partially initialize a VMBLOK for a user. DMKBLDVM abnormally terminates if R8 does not contain a pointer to the user.	Verify that R8 points to an RDEVBLK for a terminal. If it does not, there is probably an error in the calling program. Identify the calling program by means of the return address and the base register in the same area pointed to by R13. Then, attempt to identify the source of the incorrect RDEVBLK address.
BLD002	Pages are being released but the page invalid bit is not on in the page table entry.	Examine the dump and determine why the page was released without the page invalid bit turned on.
BLD003	A request was made to build a page table for more than 16 pages.	R13 points to a save area. SAVER12 contains the base address of the module issuing the request. SAVER1 contains the beginning and ending address range of the page table being built. Examine the calling module to determine why R1 is invalid.
BLD004	The routine calling BLD has not cleared all the segment table activity before calling BLD.	Examine R6 to ensure that it contains the address of a segment table entry. If it contains the address of a segment table entry, R13 contains the address of the module calling BLD. Examine this module to determine why this segment table entry has not been cleared.
BLD005	An attempt is being made to release a segment whose page table has been migrated.	Examine R6 to ensure that it contains the address of a segment table entry. If it contains the address of a segment table entry, R13 contains the address of a save area. SAVER12 contains the base address of the address of the module calling BLD. Examine this module to determine why the page table was migrated or why the migration bit was not reset.
CFG010	DMKCFGCL was called to perform an unsupported function. Supported values are: X'01' LOAD SYS X'02' FIND SYS X'04' PURGE SYS	Identify the caller by the return address and base register in the SAVEAREA pointed to by R13 to identify the source of the unsupported function request.
CFQ001	An I/O task is waiting for a RELEASE and the CPEXBLOK for the waiting task cannot be found on the VRRCPLEX queue.	Check the storage dump Y. Determine why the virtual device block is marked as waiting for access to the device, but no CPEXBLOK exist on the VRRCPLEX. Queue to resume the task.
CFQ002	DMKSCNVU was unable to locate all of the virtual I/O control blocks for the virtual unit address.	Determine whether the unit address in register 1 is valid for the user. Register 11 contains the address of the user's VMBLOK. If the VMBLOK is invalid, the user's virtual I/O configuration has been altered because of the abend. Examine the dump to determine how it was altered.

Figure 8 (Part 2 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
CKS001	The map for dynamic checkpoint was not allocated prior to a call to DMKCKSPL.	The map should be allocated via a call to entry points DMKCKSIN or DMKCKVWM from DMKW RM. Check DMKW RM for called entry points and that they do allocate a map.
CKS002	The spool file identification in the map and in the checkpoint area do not match.	DMKCKVWM or DMKCKSIN did not set up the map properly, a call to DMKCKSPL caused the mismatch, or the SFBLOK was released but the map was not updated.
CKS003	No function was specified in the call to DMKCKSPL.	Check SAVERTN in the save area pointed to by R13. This indicates which routine called DMKCKSPL with insufficient data.
CKV001	The map for dynamic checkpoint was previously allocated prior to a call to DMKCKVWM.	The map should not be allocated before DMKCKVWM was called. Map pointer field is probably being overlaid.
CKV004	A spool file to be deleted cannot be found on the system printer, punch, or reader file chains.	The SFBLOK for the file should have been queued previously on by DMKCKVWM when performing a CKPT start. Check for an error in this logic.
CLK003	The system TOD clock is not operational on the main processor or attached processor. The wait state can only be received when it is configured with an attached processor.	Examine the CPABEND code in each processor's PSA to determine the unit receiving the clock error. Call IBM for hardware support to fix the clock.
CPI001	The RDEVBLOK for the DASD on which the SYSRES volume is mounted cannot be located, or the IPL volume is not the SYSRES volume. The SYSRES volume is specified in the SYSRES macro in the DMKSYS module.	Verify that the serial number SYSRES volume serial number is the same as that specified in DMKSYSVL. If it is not the same, it may have been altered by the LABEL option of the FORMAT function of the standalone CP format program (IPL FMT or DMKFMT). Or the image of the same nucleus saved on the SYSRES may have been partially destroyed and the SYSRES specification altered. Restore nucleus to the SYSRES volume from a backup copy and try to IPL.
CPI002	A valid system directory file could not be located.	Display the volume labels for all owned volumes. If the volumes do not contain an active directory pointer, run DMKDIR (the stand-alone directory program) to recreate the system directory on an owned volume. If an active directory pointer is present in at least one volume label, verify that the device is online and ready before trying to IPL the system. Verify that a valid allocation record is present on the volume containing the directory.

Figure 8 (Part 3 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
CPI003	The system TOD clock is not operational.	Call IBM for hardware support to fix the clock.
CPI004	An error occurred attempting to page out the pageable modules	Try to determine whether the errors are being caused by the paging device or by the paging volume. If the device is failing, disable it and reload (via IPL) the system; call IBM for hardware support. If the volume is failing, try reformatting it. If the error condition recurs, discontinue using that volume and call your system support personnel.
CPO003	DMKACRO returned a nonzero condition code to DMKCPO. A VARY OFFLINE PROCESSOR command was issued in MP mode; prior to accepting the VARY OFFLINE command as valid, DMKCPO verified that online paths would still exist to all mounted system-owned devices. Between that time and the call to DMKACRCO, the configuration has changed and a path has been lost. The system cannot continue operation if there are not paths to all system-owned devices.	Examine the storage dump. From the list of system-owned devices located by DMKSYSOW, find the RDEVBLOCKS for these devices. The online path information in RDEVPTHS may be overlaid.
CPP001	The user page count in the VMBLOK was incorrectly decreased to less than zero.	Examine the storage dump. The VMBLOK has probably been overlaid.
CPP002	During the VARY processor offline function, DMKSNTBL was brought back in to reconstruct the attached processor's SWPTABLE for shared pages. The named system could not be found in DMKSNTBL.	Examine the storage dump. The SHRTABLE or DMKSNTBL has probably been overlaid.
CPV001	The resident page count in the VMBLOK (VMPAGES) is reduced to a negative value	Inspect modules that update VMPAGES for the virtual machine. Check the routine to determine why it is inconsistent with the number of CORTABLE entries assigned to this virtual machine.

Figure 8 (Part 4 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
CQP001	DMKSCNRA was called and unable to determine the device address in cuu format from real device block address in R6, R7, and R8.	Examine the storage dump. DMKSCNRA returns an error if it cannot find the address of the real control unit block from the real device block. The control unit block address in register 7 is probably invalid.
CQQ001	DMKSCNRA was called and was unable to determine the device address in cuu format from real device block address in register 6, register 7, and register 8.	Examine the storage dump. DMKSCNRA returns an error if it cannot find the address of the real control unit block from the real device block. The control unit block address in register 7 is probably invalid.
CVT001	The system TOD clock is in error or is not operational.	Call IBM for hardware support to fix the clock.
DAS001	A severe hardware error has affected the cache of the 3880 Storage Control. System integrity is threatened since some data in the cache may not have been paged out to DASD.	Interrogate the IOBLOK, the IOERBLOK, and the trace table for unit check interrupts to determine the address of the failing device.
DRD001	The device code index in the compressed DASD address for the system dump file points to an RDEVBLOK for an invalid DASD. The valid DASDs are 2305, 2314/2319, 3330, 3340, 3350, 3370, and 3380.	Verify that the contents and order of the owned list have not been altered since the dump was taken. If these fields have not been altered, the SFBLOK for the dump file may have been destroyed. The owned list is specified by the SYSOWN macro in DMKSYS.
DSP001	During I/O interruption, unstack, and reflection, DMKSCNVU could not locate all of the virtual control blocks for the interrupting unit.	The integrity of the user's virtual I/O configuration has probably been violated. The unit addresses or indexes in the virtual control blocks are in error, or the virtual configuration has been altered by ATTACH/DETACH while I/O was in progress. Check for a device reset failure in DMKCFPRD.
DSP002	The dispatcher (DMKDSP) is attempting to dispatch a virtual relocate user whose shadow segment tables or virtual extended control register 0 are invalid.	Most likely, a free storage violation has occurred. First look at the DMKPRV and DMKVAT modules. Examine the real, virtual, and shadow translation tables for consistency of entry size and format. Also compare page and segment size.

Figure 8 (Part 5 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
DSP003	The interval timer was not incremented properly. This is most likely a hardware error. The dispatcher tests for interval timer errors and abnormally terminates if such an error occurs. Results would be unpredictable if CP continued when the interval timer was in error.	Check the timer fields in real storage. The value of the real interval timer is at real storage location X'50'. The dispatcher loads the value of the real interval timer in real storage location X'54' when a user is dispatched. The value of the real interval timer is loaded into real storage location X'4C' when an interrupt occurs. If the value stored at X'4C' is not less than the value stored at X'54', the dispatcher abnormally terminates. Check the routines that control the value of the time fields at X'4C', X'50', and X'54'.
DSP004	While tracing SIOs or I/O interrupts, the virtual device was detached. Now, the VDEVBLOK cannot be found.	Examine the operator's console sheet and the user's terminal sheet to see who detached the device. Warn the person responsible that devices should not be detached during I/O tracing.
DSP005	During extend, a block is found to be unstacked, but the lock for the associated VMBLOK is not available, or count of priority CPEXBLOKs in a VMBLOK is less than 0, but no priority CPEXBLOK is found for the virtual machine, or during post-extend processing, either the expected processor-related priority CPEXBLOK is not found or the lock for the associated VMBLOK is not available.	R1 contains the VMBLOK address at the time of theabend. Check VMLOCK to see if the VMBLOK is locked by the other processor. If this is the case, VMLOCKER gives the base address of the obtainer of the lock and can be used to determine why the lock was not released. If the VMBLOK is not locked by the other processor, check VMPPRCT, (the count of priority CPEXBLOKs). If this is nonzero but there are no priority CPEXBLOKs on the dispatcher's stack, this field has probably been overlaid and other methods must be used to determine the cause of the overlay.
DSP006	DMKDSPRU, the run-user entry to the dispatcher was entered when the system was not is attached processor mode.	Use the trace table to help determine the caller of DMKDSPRU.
EXT001	A serial signal request has been received and the global system lock is not held.	In the PSA of the abending processor, the work/save area SIGSAVE contains the return address of the caller of DMKEXTSP, this address is at offset X'8' into SIGSAVE. At offset 0 into SIGSAVE is the base address of the caller.

Figure 8 (Part 6 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
EXT004	A CPU timer interrupt occurred either while the system was in a wait state or when an enable window was opened.	Check CPSTATUS in the PSA to determine whether the interruption occurred while in a wait state or during an enable window. If the interruption occurred while in a wait state (CPWAIT on in CPSTATUS), the timer value at the time of the interruption is stored in the PSA's WAITEND. If the interrupt occurred during an enable window (CPEX on in CPSTATUS), the timer value is stored in the first two words of the PSA's TEMPSAVE. If the timer value is negative, it is probably a programming error. Try to determine why the timer was set to a negative value. If the timer value is positive, obtain hardware support to determine why the interrupt occurred.
FRE001	The size of the block being returned (via R0) is less than or equal to 0.	Using FREER14 and FREER12 in the PSA, identify the CP module releasing the storage. Check for an error in calculating the size of the block or for a modification to the stored block size for variable-size blocks.
FRE002	The address of the free storage block being returned matches the address of a block already in the free storage chain.	Identify the program returning the storage by means of the return address and base registers (FREE14 and FREE12 in DMKFRE's save area in PSA). The most common cause of this type of failure is a module that returns a free storage block but fails to clear a pointer to the block that has been saved elsewhere. All modules that return blocks via a call to DMKFRET should first verify that the saved pointer is nonzero; after returning the block, any saved pointers should be set to zero.

Figure 8 (Part 7 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
FRE003	The address of the free storage block being returned overlaps the next lower block on the free storage chain.	A free storage pointer may have been destroyed. Also, the module releasing the lower (overlapped) block may have returned too much storage. Examine the lower block and determine its use and former owner, or identify the program returning the storage by means of the return address and base registers stored (FREER14 and FREER12 in DMKFRE's save area in PSA). The most common cause of this type of failure is a module that returns a free storage block but fails to clear a pointer to the block that has been saved elsewhere. All modules that return blocks via a call to DMKFRET should first verify that the saved pointer is nonzero; after returning the block, any saved pointers should be set to zero.
FRE004	The address of the free storage block being returned overlaps the next higher block on free storage chain.	A free storage pointer may have been destroyed. Also, the module releasing the higher (overlapped) block may have returned too much storage, or the module may be attempting to release storage at the wrong address.
FRE005	A module is attempting to release storage in the resident system nucleus.	A module is probably attempting to release location 0. Check for the module picking up a pointer to the free storage block without first testing the pointer for 0. Use FREER14 and FREER12 in the PSA to identify the module.
FRE006	A module is requesting a block of storage whose size (contained in R 0) is less than or equal to zero.	Using FREER14 and FREER12 in the PSA, identify the module. Check for an error in calculating the block size. Improper use of the halfword instructions ICM and STCM can cause truncation of high order bits that results in a calculation error.
FRE007	A module is attempting to release a block of storage whose address exceeds the size of real storage.	A free storage pointer may have been destroyed. Attempt to identify the owners of the free storage blocks adjacent to the one containing the pointer that was destroyed. Check for moves and translation where initial counts of zero have been decreased to minus 1, thus generating an executed length code of X'FF', or an effective length of 256 bytes.

Figure 8 (Part 8 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
FRE008	The address of the free storage block being returned matches the address of the first block in the subpool for that size.	Identify the program returning the storage by means of the return address and stored base registers (FREER14 and FREER12 in DMKFRE's save area in the PSA). The common cause of this type of failure is a module that returns a free storage block but fails to clear a pointer to the block that has been saved elsewhere. All modules that return blocks via a call to DMKFRET should first verify that the saved pointer is nonzero; after returning the block, any saved pointers should be set to zero.
FRE009	The address of the free storage block being returned matches the second block in the subpool for that size.	
FRE010	A program is attempting to extend free storage while storage is being extended. This can be caused by I/O interruptions or channel programs involving channels other than channel 0.	If the storage requests that caused the abend are due to channel activity, place the device involved on channel 0, which is disabled during free storage extension.
FRE011	A CP module has attempted to return a block of storage that is in the user dynamic paging area.	Identify the program returning the storage by means of the return address and stored base registers (FREER14 and FREER12 in DMKFREE's save area in the PSA). The common cause of this type of failure is a module that returns a free storage block but fails to clear a pointer to the block that has been saved elsewhere. All modules that return blocks via a call to DMKFRET should first verify that the saved pointer is nonzero; after returning the block, any saved pointers should be set to zero.
FRE012	An extend was entered while extending. The free storage extend buffer is unavailable.	The system workload requires more free storage than is available. Either: (1) Reassemble DMKSYS with a larger value for FREE in the SYSCOR statement and reinstall the CP nucleus, (2) Restrict the number of users on the system, or (3) Add more real storage.

Figure 8 (Part 9 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
FRE014	DMKFRE must defer satisfying a free storage request when it is necessary to call DMKPTRFR and the global supervisor lock cannot be obtained. The free storage extend buffer reserved for this purpose is not available.	Examine the internal trace table and storage dump to determine why the free storage extend buffer was not previously replenished.
GRC001	DMKGRCUP was called to generate the order required to update the 3270 screen, but the CONTASK supplied was too small for the data stream required.	The registers at entry to DMKGRCUP are saved in BALRSAVE; the calling module can be identified from BALR14, the input CONTASK address is in BALR6 and the input parameters in BALR2 define the type of screen updating to be done. See the GRTBLOK macro for definitions of these parameters and of the screen orders that are used.
HPS001	A routine process was called to a device that was not a logical device.	Check the trace for activity to the device.
HVD001	The user pointed to by R11 issued a DIAGNOSE instruction while attempting to format the I/O error, channel check, or machine check recording areas; the SYSRES device type is unrecognizable.	The RDEVBLOK for the SYSRES device was probably destroyed, or a volume with the same serial number as the SYSRES volume was mounted. If a volume with the same serial number was mounted, check the ATTACH processing in the DMKVDB routine.
HVE001	The user pointed to by R11 issued a DIAGNOSE instruction while attempting to format the I/O error, channel check, or machine check recording areas; the SYSRES device type is unrecognizable.	The RDEVBLOK for the SYSRES device was probably destroyed, or a volume with the same serial number as the SYSRES volume was mounted. If a volume with the same serial number was mounted, check the ATTACH processing in the DMKVDB routine.
IOS001	The caller is trying to reset an active IOBLOK from the RCHBLOK queue, but that IOBLOK contains an invalid address.	The IOBLOK may have been returned (via DMKFRET) or destroyed. Verify that the IOBLOK was valid and use the IOBLOK and RDEVBLOK to determine the last operation.
IOS002	DMKIOS is attempting to restart an IOBLOK from the RCHBLOK queue, but that IOBLOK contains an invalid address.	The IOBLOK may have been returned (via DMKFRET) or destroyed. Verify that the IOBLOK was valid and use the IOBLOK and RDEVBLOK to determine the last operation.

Figure 8 (Part 10 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
IOS003	DMKIOS is attempting to remove an IOBLOK from a queue, but that IOBLOK contains an invalid address.	Register 2 points to the RCHBLOK, RCUBLOK, or RDEVBLOK from whose queue the IOBLOK is being removed. Register 10 points to the IOBLOK. Use the CP internal trace table to determine which module called DMKIOS twice to start the same IOBLOK.
IOS004	DMKIOSHA was called to halt I/O associated with an IOBLOK pointed to by register 10. However, register 10 points to an IOBLOK that is marked as a mini-IOB. A mini-IOB is not allowed to exist outside the control of DMKIOS.	Examine the trace table in the storage dump and determine what routine built and called DMKIOSHA with IOBLOK marked as a mini-IOB. That routine is in error.
IOS005	DMKIOS was called to perform I/O for a device using fixed path I/O. IOS is to bypass using any alternate path to the device. The real device block address that was passed in R8 is not the real device address in the IOBRADD field.	Examine the trace table and determine who called IOS requesting the fixed path I/O. Either an incorrect call was made to DMKIOS, R8 did not point to the correct real device block, or the IOB that is pointed to by R10 was overlaid.
IOS006	DMKIOS was called to perform I/O to a device that is logically online, but for which there is no available path online. That is, the online path status in RDEVPTHS does not match the device status indicated by RDEVDISA.	Examine the trace table and storage dump to determine what routine has incorrectly altered either RDEVDISA or RDEVPTHS.
IOS007	In attempting to start an I/O request, IOS must remove all alternate path IOBs that exist on paths to the device except the one that is about to be started. In scanning the chain of these IOB's, two were not marked as mini-IOB, indicating two real requests for the same I/O.	Examine the trace table to determine the sequence of events that led to two IOBs being passed to IOS and then having both IOBs occur on the same request chain.

Figure 8 (Part 11 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
IOS009	A Start I/O is attempted for a sense CCW after a short busy sequence from a 3270. This causes the IOBLOK to be queued. The IOBSBSIO is on and there is no IDERBLOK address in IOBIOER.	Examine the dump to determine why there is no IDERBLOK address in IOBIOER.
IOS010	In attempting to restart pending I/O requests after an I/O interrupt has made an I/O unit available, DMKIOS finds that the current RCHBLOK does not belong to the current processor.	Examine the CP trace table to find upon which channel, control unit, and device path the I/O interrupt occurred. Examine DMKIOT and DMKIOS logic to see why DMKIOS is trying to restart I/O on a different channel. If the trace table shows that DMKIOS received control as a result of a call, examine DMKIOS logic to see how its internal indicators were changed to show entry due to an I/O interruption.
IOT001	In attempting to queue an IOBLOK for a device on a channel known only to the virtual machine running with Preferred Machine Assist, the system found another IOBLOK of this type (no real block) already queued.	Determine the module that was enabled for I/O interruptions on behalf of the Preferred Machine guest before ensuring there are no IOBLOKs queued for this user.
IUA001	A program check occurred on the last system-initiated IUCV function.	Locate the last IUCV instruction from the trace table and determine the type of IUCV function requested. Determine what IUCV exceptions are generated by that IUCV function (see the <i>VM/SP HPO System Programmers Guide</i>).
IUC001	The Path ID of the target communicator contained inconsistent or conflicting status flags.	Locate the path description for the specified path ID. Then locate the corresponding path ID for the target communicator and determine why the entry has been marked invalid.
IUC002	A pending connection for the path specified could not be found on the pending connection chain.	Locate the path ID that was specified to determine why no corresponding entry can be found on the pending connection chain.
IUC003	An error was encountered on a IUCV Reject for a message that is supposed to be valid but was not found on the message queues.	Locate the message block that was to be rejected or purged and determine on which queue it should be located. Search the message queue to determine why it could not be located.

Figure 8 (Part 12 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
IUC004	An error was encountered on a IUCV Purge for a message that is supposed to be valid but was not found on the message queues.	Locate the message block that was to be rejected or purged and determine on which queue it should be located. Search the message queue to determine why it could not be located.
IUE001	On a Receive or Test Completion, IUCV has located a message block on the queue with the specified message ID. The path ID in the message block is invalid (as returned from DMKIUAPD).	Locate the message block with the specified message ID and determine the path ID that it contains. Search the path description segment for the corresponding path description and determine why the entry has been marked invalid.
IUG001	On a Reject, IUCV has located a message block on the queue with the specified message ID. The path ID in the message block is invalid (as returned from DMKIUAPD).	
IUG002	No room was found for a new path in the CCT. When the CCT was built (by the Declare Buffer function), enough room was allocated for all possible connections.	Compare the number of current connections with the number of connections from the directory. One possible reason for this error is if the directory is modified dynamically and the connection limit for a user is increased, the space that was allocated for CCT is no longer large enough.
LOK001	An OBTAIN request has been made for a lock that is held by the requesting processor.	R1 contains the lockword address at the time of the abend. In the PSA of the abending processor, the save area LOKSAVE contains the return address of the caller at offset X'38' and the entry point address into DMKLOK at offset X'3C'.
LOK003	A RELEASE has been issued for a lock that is not owned by the requesting processor. DMKLOK does not get control for a RELEASE request.	Use the supervisor old PSW in the PSA of the abending processor to identify the module where the error occurred. R1 contains either the lockword address (in the case of a global lock) or the address of the VMBLOK (in the case of a VMBLOK lock) at the time of the abend.
MCT001	Automatic Processor Recovery (DMKMCTPR) has received control on the main processor without the global system lock and the lock could not be obtained.	Check DMKLOKSY to determine if the system lockword has been overlaid. If the attached processor owns the lock, check the R12 value in DMKLOKSY 4 to determine who obtained the lock. The system should not be in automatic processor recovery if the attached processor was in supervisor state.

Figure 8 (Part 13 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
MHC001	<p>A MSSFCALL Diagnose instruction was issued and a nonzero condition code was returned.</p> <p>Note: Possible condition codes are 0 and 2. A condition code of 2 indicates that the MSSF is busy. This condition should not occur since CP never issues a request if an interrupt for the MSSF is pending.</p>	<p>This is not an error condition. If the problem persists, contact your system support personnel.</p>
MHC002	<p>An unsolicited MSSF interrupt has been received.</p> <p>Note: Unsolicited MSSF interrupts should not occur.</p>	<p>This is an error condition, if the problem persists, contact your system support personnel.</p>
NLE001	<p>During execution of a NETWORK DUMP command, or during an automatic dump of a 3704 or 3705, the system detected sufficient DASD spool space to contain the information from the 3704 or 3705. The MODEL operand of the RDEVICE macro describing the 3704 or 3705 was not specified correctly. VM/SP HPO determines the storage size of a 3704 or 3705 by the model specified on the RDEVICE macro.</p>	<p>Correct the RDEVICE macro specifying the 3704 or 3705, reassemble the DMKRIO module, and regenerate the CP nucleus with the corrected module.</p>
PGS001	<p>The resident page count in the VMBLOK (VMPAGES) is reduced to a negative value.</p>	<p>Inspect module that update VMPAGES for the virtual machine. Check the routine to determine why it is inconsistent with the number of CORTABLE entries assigned to this virtual machine.</p>

Figure 8 (Part 14 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
PGT001	The number of cylinders in use stored in the allocation block (ALOCBLOK) is less than the maximum but the DMKPGT module was unable to find available cylinders.	Inspect the chains of allocation blocks anchored from RDEVALLN of the RDEVBLOK for the device in question, and verify that a cylinder allocation block (RECBLOK) exists for each cylinder marked and allocated in the ALOCBLOK. The cylinder allocation blocks (RECBLOKs) for paging are anchored from the ALOCPAGE field of each ALOCBLOK. The RECBLOKs for spooling are anchored from the ALOCRECS field of each ALOCBLOK. If RECBLOKs for some cylinders are missing, it is possible that the bit map in the ALOCBLOK has been destroyed. If all cylinders are accounted for, the updating of the count field is in error.
PGT002	The count of pages in a page allocation block (RECBLOK) is less than the maximum but the DMKPGT module was unable to find available pages.	If the RECBLOK in question is in use for paging, then locate a SWPTABLE entry for each page represented by this RECBLOK. If the pages are in use for spooling, it is possible that the RECBLOK itself has been destroyed or that the updating of the use count is faulty.
PGT003	During cylinder allocation, no space was found in RECBLOKs although the ALOCBLOK indicated that space was available.	Determine whether the ALOCBLOK or RECBLOKs are in error.
PGT004	The call to DMKPGTGC to allocate a RECBLOK specified a cylinder that was not contained within the specified ALOCBLOK.	Determine why the caller has specified a cylinder number outside ALOCBLOK range. (The cylinder number is located in GPR1, and the range of the ALOCBLOK is located in GPR10).
PGT005	During the building of a new RECBLOK, the system discovered that a RECBLOK for the specified cylinder already existed. This abend occurs following a MIGRATE or SPOOL request.	Determine if the ALOCBLOK cylinder map is correct. Determine whether the RECBLOK should have already existed.

Figure 8 (Part 15 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
PGU001	The DASD page slot being released is not marked allocated.	Identify the module attempting to release the page by means of the caller's return address and base register stored in BALR14 and BALR12 in the BALRSAVE save area in PSA. Locate the source (control block or SWPTABLE entry) of the DASD address being released to verify that they have not been destroyed. If the DASD page is in a spool file, it is possible that the file or the RECBLOK chain has been incorrectly checkpointed and warmstarted after a system shutdown or a system crash.
PGU002	The dummy RECBLOK indicating the spooling DASD pages on the cylinder that are to be released contains a page count greater than the number of pages allocated on the cylinder.	The spool file pointers may have been destroyed while the file was being processed, or the allocation chain may be in error. A cold start may be necessary. If feasible, use the DASD dump/restore program to print the DASD areas containing the affected file, and try to locate the incorrect pointers.
PGU003	A module is trying to release a DASD page slot on a cylinder or FB-512 extent for which no page allocation block (RECBLOK) exists.	Use BALR14 and BALR12 in the BALRSAVE save area of the PSA to identify the module attempting to release the page. For count-key-data DASD, verify that the DASD cylinder address is valid for the device in question. If it is and the rest of the DASD address is valid, verify that the cylinder is in the dynamically allocatable area. For FB-512 DASD, verify that the page number is valid and in the dynamically allocated area. If these restrictions are met, the DASD page must have been used by more than one user.
PGU004	The last DASD page slot in a RECBLOK has been deallocated but the bit representing the cylinder in the cylinder allocation block (ALOCBLOK) is not currently set to one, indicating that the cylinder was not allocated.	The ALOCBLOK has probably been destroyed, or the chain pointer in the RDEVBLOK is in error.

Figure 8 (Part 16 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
PGU005	The system's virtual storage buffers have been exhausted because of an excessive number of open spool files.	Request users to close all spool files that are no longer active.
PGU006	A module is trying to release a page of virtual storage in use by the VM/SP HPO control program that has not been marked allocated.	Use BALR14 and BALR12 in the BALRSAVE save area of the PSA to identify the module attempting to release the page. Locate the control block containing the virtual page address that is being released. It is possible that the address has been destroyed, or a pointer to a virtual page has been retained after the page was destroyed.
PGU007	During a block deallocation of records via a RECBLOK image, the records specified were not already allocation in the real RECBLOK.	Verify that the caller specified the RECBLOK image correctly. Determine whether the real RECBLOK or image RECBLOK was in error. Check to see if the slot in question is part of a valid spool file.
PGU008	During deallocation of a swap set, the allocation map in the RECBLOK indicated the swap slot was not allocated.	Examine the SWPTABLE entries and any contents of the swap slot to determine whether the slot was actually in use.
PMA001	RUNUSER does not point to a VMBLOK that has the VMPMUSER flag on, or the interruption handler has encountered an unexpected type of program check.	Determine why DMKPRG passed control to DMKPMAIN.
PRG001	Program check (operation) in the control program.	Examine the old PSW and identify the module having the program check.
PRG002	Program check (privileged operation) in the control program.	
PRG003	Program check (execute) in the control program.	
PRG004	Program check (protection) in the control program.	
PRG005	Program check (addressing) in the control program.	
PRG006	Program check (specification) in the control program.	Examine the old PSW and identify the module having the program check.
PRG007	Program check (data) in the control program.	
PRG008	Program check (fixed-point overflow) in the control program.	
PRG009	Program check (fixed-point divide) in the control program.	
PRG010	Program check (decimal overflow) in the control program.	

Figure 8 (Part 17 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
PRG011	Program check (decimal divide) in the control program.	Examine the old PSW and identify the module having the program check.
PRG012	Program check (exponential overflow) in the control program.	
PRG013	Program check (exponential underflow) in the control program.	
PRG014	Program check (significance) in the control program.	
PRG015	Program check (floating-point divide) in the control program.	
PRG016	Program check (segment) in the control program.	
PRG017	Program check (paging) in the control program.	
PRG018	Program check (translation) in the control program.	
PRG019	Program check (special operation) in the control program.	
PRG253	DMKVAU was unable to successfully translate the third level address of a privileged instruction to a second level address.	
PRG254 PRG255	A translation specification exception has been received for a virtual machine that is not in extended control mode. A PER (program event recording) has been received for a virtual machine that is running with PER disabled in its virtual PSW.	If the set of translation tables pointed to by RUNCR1 is correct, a hardware failure has occurred, possibly with dynamic address translation. Otherwise, call IBM for software support. Retry the program causing the error; if the problem persists, call IBM for software support.
PRV001	DMKVAU was unable to successfully translate the third level address of a privileged instruction to a second level address.	An error in shadow table maintenance may have occurred. Scan the shadow table to determine the failing entry.

Figure 8 (Part 18 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
PSA002	The "System Restart" console key was pressed. The operator normally takes this action when an unusual system condition occurs, such as a system loop or slow machine operation.	Examine the resulting abend dump for a dynamic picture of the system's status.
PSA003	An unrecoverable DASD error occurred on a paging device. Or paging device is offline.	Check the trace table for a Start I/O in the paging device with a condition code 3 to verify device is offline. If offline, vary paging device online. Or check the unit address at hex 'B9' in the PSA to find paging device in error. This is a hardware error.
PTR002	A program is attempting to unlock a page frame whose address exceeds real storage size.	Use the values of register 14 and register 12 at the time of the abend to identify the module attempting to unlock the page frame. Check for the source of the invalid address.
PTR003	A program is attempting to unlock a real storage page frame whose CORTABLE entry is not flagged as locked.	
PTR004	The lock count in the CORTABLE entry for the page frame being unlocked has been decreased to a value that is less than 0.	Check the routines that update the lock count field and CORTABLE entry.
PTR008	A CORTABLE entry on the free list points to a valid PTE (page table entry), but the page is allocated.	Pages on the free list should not contain valid PTEs. Examine the dump to determine which module called DMKPTRFR. The module that called DMKPTRFR probably contains an error.
PTR018	The resident page count in the VMBLOK (VMPAGES) is reduced to a negative value.	Inspect modules that update VMPAGES for the virtual machine. Examine the routine to determine why it is inconsistent with the number of CORTABLE entries assigned to this virtual machine.
PTR021	PTR was entered without the global system lock, but the VMBLOK already has its deferred task stacked. Some error has occurred in failing to obtain the global system lock.	Examine the SAVEAREA pointed to by R13 to determine why PTR was called without the global system lock.

Figure 8 (Part 19 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
PTR023	During the processing, FRETing, or chaining of SSBLOKs, the count of SSBLOKs was reduced to a negative value.	Determine what the count should be and where it was invalidly decreased. The SCBLOK or SSBLOK chain has possibly been overlaid.
PTR024	A swap fault occurred on a page that is not in a swap set.	Check all the conditions under which pages are flagged as being in swap sets. Make sure the flags are always set and reset correctly.
PTR025	During swap operations, the count of the user's working set was reduced to a negative value.	Determine whether the user has resident (logically swapped) pages. Determine why pages still in storage were assumed to have been physically swapped out.
PTR026	The count of valid entries in an SSBLOK was reduced to a negative value.	Determine whether 1) DMKSWAPR marked the entry invalid, or 2) the entry should have been valid, or 3) the count of entries is incorrect. Condition 3 has possibly been caused by the creation of an SSBLOK for less than a full swap set.
PTR028	During swap fault processing, one of the following occurred: 1) A page in a swap set was found to be valid. 2) A segment or page table length exception occurred. 3) DMKSTRAN returned a non-zero condition code.	Determine why the page was valid or why the exception occurred. The virtual address in the SSBLOK has possibly been overlaid.
PTS010	The count of the number of reserved pages was incorrectly decremented so that the count is now less than zero.	The field DMKPTRRC contains the number of reserved pages. Check the routine that updates DMKPTRRC.
PTS011	A CORTABLE entry to be placed on the free list points to a valid PTE (page table entry), but the page is allocated. An abend occurs trying to honor a deferred request.	Pages to be put on the free list should not contain valid PTEs. Examine the dump to determine why the page was not marked invalid before the call to DMKPTSFT.
PTS012	A CORTABLE entry to be placed on the free list points to a valid PTE (page table entry), but the page is allocated.	Pages on the FREELIST should not contain valid PTEs. Examine the dump to determine which module called DMKPTSFT, it probably contains an error.

Figure 8 (Part 20 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
PTS014	DMKPTSFT was called to put a page on the FREELIST that is already on the FREELIST.	A page that is already on the FREELIST should not be specified in a call to DMKPTSFT. Check the FREELIST and flush list for validity. Restart the system and, if the problem persists, call IBM for software support.
PTS018	The resident page count in the VMBLOK (VMPAGES) is reduced to a negative value.	Inspect modules that update VMPAGES for the virtual machine. Examine the routine to determine why it is inconsistent with the number of CORTABLE entries assigned to this virtual machine.
PTS022	A changed page has been Found in a segment protected by the hardware segment protection facility.	IPL to restart the system. If the problem persists, call your system support personnel. Check the segment table entry to ensure that the segment protect bit (Bit 29) is on.
RNH001	An unrecoverable I/O error occurred during read or write for the 3704/3705. Status indicates program failure.	Retry. If the problem persists, ensure that the 3704/3705 and channel hardware are functioning correctly.
RNH002	A response that should not occur was received from the 3704/3705 control program.	Verify that the 3704/3705 NCP is operating correctly. Use the NETWORK TRACE command to determine the exact cause of the response.
RPA001 RPA002	The virtual address supplied to DMKRPAGT is outside of the virtual storage being referenced. The virtual address supplied to DMKRPAPT is outside of the virtual storage being referenced.	The virtual storage belongs either to the user whose VMBLOK is pointed to by R11 or, if R2 in the SAVEAREA indicates a PARM of SYSTEM, to the system VMBLOK. Identify the calling program by means of the return address and base register saved in the SAVEAREA pointed to by R13. If the virtual address was obtained from the system's virtual storage, examine the virtual page allocation routine, DMKPTRVG. If the virtual page refers to a user's storage, attempt to identify the routine that generated the incorrect address. Verify that the VMSIZE in the relevant VMBLOK reflects the correct storage size for the system or user being referenced.
RPA003	The user page count in the VMBLOK became negative.	A module has attempted to release more pages than it originally received. The module that last called DMKRPA is probably the module in error.

Figure 8 (Part 21 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
SCH001	The total number of interactive users plus batch users in the scheduler's queue is less than zero. A counter was probably decremented incorrectly.	The field SCHN1 is the count of the number of interactive users and the field SCHN2 is the count of the number of batch users. Check the routines that update these two count fields (SCHN1 and SCHN2) to determine why their sum was negative.
SCH002	A call was made to DMKSCDHL that resulted in an attempt to drop a user from a runnable list, but the global system lock was not held by the caller.	Examine the registers in BALRSVAV to find the caller DMKSCDHL. See why the caller did not hold the global system lock.
SCH003	A dispatch list maintenance problem has occurred. At the time when the scheduler attempted to remove a VMBLOK from the dispatch list, the dispatch list forward pointer, VMFTRL, was zero.	Process the dump; general register 1 points to the problem VMBLOK at the time of the dump. Determine why the dispatch list forward pointer, VMFTRL, is zero. Verify that the problem VMBLOK is in the runlist. Determine what conditions caused the VMBLOK to be dropped from the dispatch list by examining the bits in the field VMRSTAT. If at least one bit is on, the VMBLOK is no longer in the dispatch list.
SCH004	A dispatch list maintenance problem has occurred. At the time when the scheduler attempted to add a VMBLOK to the dispatch list, the dispatch list forward pointer, VMFTRL, was nonzero.	Process the dump; general register 1 points to the problem VMBLOK at the time of the dump. Determine why the dispatch list forward pointer, VMFTRL, is nonzero. Verify that the problem VMBLOK is in the runlist. Determine why this VMBLOK has become a candidate for the dispatch list by examining the bits in the field VMRSTAT. If all the bits are off, the VMBLOK has become dispatchable.
SCH005	A dispatch list maintenance problem has occurred. At the time when the scheduler attempted to add a VMBLOK to both the dispatch list and the runlist, the dispatch list forward pointer, VMFTRL, was nonzero.	Process the dump; general register 1 points to the problem VMBLOK at the time of the dump. Determine why the dispatch list forward pointer, VMFTRL, was nonzero even though the problem VMBLOK should not have been in the dispatch list when the check was made. Verify that this VMBLOK is also not in the runlist. Determine what caused this VMBLOK to become a candidate for both the dispatch list and the runlist.
SCN002	RDEVDISA equals zero but DMKSCNEP can find no online path to the device.	Check trace table for activity to the device. Try to determine why RDEVPATHS has no online paths yet RDEVDISA indicates that the device is online.

Figure 8 (Part 22 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
SCO001	The VDEVLINK chain is invalid. A VDEVBLOK has a link field that points to another VDEVBLOK associated with the same real device. The first VDEVBLOK is not pointed to by any other link field in the chain.	IPL to restart. If the problem persists, examine the VDEVBLOKs in the link chain as well as the one whose link field points into the chain but is not in the chain. Determine what the owner of the VDEVBLOK was doing at the time.
SEG001	The page wait count in VMBLOC (VMWCNT) is reduced to a negative value.	Inspect modules that update VMWCNT. Determine which module decreased VMWCNT without a corresponding increment.
SEL007	DMKFRE requested a page for fixed free storage but DMKPTR determined that there were no pages left in the dynamic paging area.	Examine the dump for one of the following conditions: 1. Excessive amounts of free storage have been allocated by CP and not released via DMKFRET. Look for blocks of identical data and determine which modules built that data. 2. A block of storage greater than 4096 bytes was requested. Requests for large blocks of free storage require contiguous pages from DMKPTR and as a result have a higher probability of failure than requests for one page or less. If possible, change the application to reduce the size of storage requests. Otherwise, schedule the application when storage is less fragmented.
SEL008	A CORTABLE entry on the free list points to a valid PTE (page table entry), but the page is allocated.	Pages on the free list should not contain valid PTEs. Examine the dump to determine which module called DMKPTRFR. The module that called DMKPTRFR probably contains an error.
SEL010	The count of resident reserved pages was reduced to a negative value.	The field DMKPTRRC contains the number of reserved pages. Check the routines that update the count fields DMKPTRRC and VMRESACT.
SEL015	The core table entry for a flush list page does not contain a page table pointer.	Examine the storage dump to determine either how the page was placed on the flush list without a PTE pointer or what module subsequently modified the core table entry.
SEL018	The resident page count in the VMBLOK (VMPAGES) is reduced to a negative value.	Inspect modules that update VMPAGES for the virtual machine. Examine the routine to determine why it is inconsistent with the number of CORTABLE entries assigned to this virtual machine.
SEL022	A changed page has been found in a segment protected by the hardware segment protection facility.	IPL to restart the system. persists, call your system support personnel. Check the segment table entry to ensure that the segment protect bit (Bit 29) is on.

Figure 8 (Part 23 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
SEL023	During the processing, FRETING, or chaining of SSBLOKs, the count of SSBLOKs was reduced to a negative value.	Determine what the count should be and where it was invalidly decreased. The SCBLOK or SSBLOK chain has possibly been overlaid.
SEL025	During swap operations, the count of the user's working set pages was reduced to a negative value.	Determine whether the user has resident (logically swapped) pages. Determine why pages still in storage were assumed to have been physically swapped out.
SEL028	During swap fault processing, either a page in a swap set was found to be valid, or a segment or page table length exception occurred, or DMKPTRPS returned a non-zero condition code.	Determine why the page was valid or why the exception occurred. The virtual address in the SSBLOK has possibly been overlaid.
STK001	DMKSTK was attempting to stack an IOBLOK, a TRQBLOK, or a CPEXBLOK for a particular virtual machine and the counter in the VMBLOK overflowed its half-word boundary making the counter appear negative. Since this will happen only when the counter exceeds 32, 767, the probable cause of this error is either a program loop that includes the stacking of a CPEXBLOK, IOBLOK or TRQBLOK, or an overlay of the VMBLOK.	Verify that the counters in the VMBLOK reflects the correct number of BLOKs stacked for this virtual machine. If they do not, determine who has overlaid either VMSTKCNT (the count of IOBLOKs, TRQBLOKs, and normal CPEXBLOKs) or VMPPRCT (the count of processor related CPEXBLOKs). If the VMBLOK counters are accurate, identify the caller of DMKSTK by looking in SWTHSAVE in the PSA of the abending processor. The R14 value in the save area contains the return address of the caller of DMKSTK.
STR001	LRA gets a translation or length condition code for a valid page.	If the problem persists, obtain a dump and call IBM for software support.
STR003	An attempt is being made to migrate a table into storage for a segment that is already valid.	
STR004	An attempt is being made to bring a page into storage that does not exist.	
STR007	The save area stack chain is invalid for the specific request could not be found on the chain.	
SVC001	No free storage is available for save areas.	Try to identify the extreme load condition that caused the problem. If the storage requests are valid and the problem occurs regularly, alter the DMKCPI module to allocate more than six pages of free storage per 256K bytes of storage.
SVC002	A supervisor state SVC was issued without the global system lock.	Use the supervisor old PSW in the PSA of the abending processor to identify the module that issued the SVC without the system lock.

Figure 8 (Part 24 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
SVC003	An unrecoverable DASD I/O error occurred on a paging device.	In most cases, location X'B9' will contain the unit address of the failing device. For certain errors it may be necessary to scan the trace table (from the current entry) looking for an I/O interrupt from a paging device with a CSW error. Call IBM hardware support.
SVC004	Error in SVC 24 CPEXBLOK maintenance. An SVC 24 has been issued during the EXTEND process. There is no preallocated CPEXBLOK available for use by SVC 24. Most likely the system is attempting to enter EXTEND while already performing EXTEND processing.	Examine the internal trace table to determine why the two preallocated SWITCH CPEXBLOKs have not been dequeued.
SVC005	DMKVAU was unable to successfully translate the third level address of a privileged instruction to a second level address.	An error in shadow table maintenance may have occurred. Scan the shadow table to determine the failing entry.
SWA018	The resident page count in the VMBLOK (VMPAGES) has been reduced to a negative value.	Inspect modules that update VMPAGES for the virtual machine. Examine VMPAGES to determine why it is inconsistent with the number of CORTABLE entries assigned to this virtual machine.
SWA023	During the processing or FRETing of an SSBLOK or chain of SSBLOKs, the count of SSBLOKs was reduced to a negative value.	Determine what the count should be and where it was invalidly decreased. The SCBLOK or SSBLOK chain has possibly been overlaid.
SWA025	During swap operations, the count of the user's working set pages was reduced to a negative value.	Determine whether the user has resident (logically swapped) pages. Determine why pages still in storage were assumed to have been physically swapped out.
SWA026	The count of valid entries in an SSBLOK was reduced to a negative value.	Determine whether 1) DMKSWAPR marked the entry invalid, or 2) the entry should have been valid, or 3) the count of entries is incorrect. Condition 3 is possibly caused by the creation of an SSBLOK for less than a full swap set.
SWA027	DMKSWAPR was processing a 'SWAP ENTRY RESET' and the corresponding SWPTABLE entry did not indicate 'page in a swap set'.	Determine why the SWPTABLE was not updated or why it was updated after the page was swapped out.
SWA028	During swap fault processing, either a page in a swap set was found to be valid, or a segment or page table length exception occurred, or DMKPTRPS returned a non-zero condition code.	Determining why the page was valid or why the exception occurred. The virtual address in the SSBLOK has possibly been overlaid.

Figure 8 (Part 25 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
TDK001	A program is attempting to deallocate a cylinder or FB-512 extent(s) of T-disk space for which no cylinder allocation block (ALOCBLOK) exists.	Verify that R8 points to a RDEVBLK for a CP-owned volume. If it does not, the error may originate in the calling program. Identify the caller by the return address and base register in the SAVEAREA pointed to by R13, and try to identify the source of the incorrect RDEVBLK address. If the RDEVBLK is valid, it may be that the cylinder number passed is incorrect. The VDEVBLK for the device for which the T-disk was defined may have been destroyed. If the cylinder number appears valid, examine the allocation record on the real volume by running DMKFMT (Format program), invoking the ALLOCATE option without allocating any new space. If the output shows that deallocated cylinder falls within an area defined for T-disk allocation, the ALOCBLOK chained to the RDEVBLK may be destroyed.
TDK002	A program is attempting to deallocate cylinder(s) of T-disk space that are not marked allocated.	Use the DASD Dump Restore program to print the UDIRBLOK page buffers from the directory device. Determine whether the chain pointers are valid.
UDR001	The user directory module is looping trying to read all of the UDIRBLOK page buffers from the directory device, or a directory containing over 10,816 users was loaded.	Inspect modules that update VMPAGES for the virtual machine. Check the routine to determine why it is inconsistent with the number of CORTABLE entries assigned to this virtual machine.
UDR002	The resident page count in the VMBLOK (VMPAGES) is reduced to a negative value.	Verify that the ALOCBLOK and RECBLOKs are correct.
USP004	While an empty REBLOK was being released, the corresponding allocation bit in the ALOCMAP was not on.	Check the IUCV paths and SNA CCW control blocks to determine what is in error.
VCX001	DMKVCX issues this abend if the Inter-User Communication Vehicle (IUCV) paths for SNA Console Communications Services (SNA CCS) are invalid.	Examine the control block structure and SNA CCS trace table entry for the abend to determine what is in error.
VCX002	DMKVCX issues this abend if SNA Console Communications Services (SNA CCS) control block structure is invalid.	

Figure 8 (Part 26 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
VDR003	The DASD link chain is invalid. In the case of minidisks, attaching a minidisk that points to an RDEVBLOK whose count of users is already zero causes this abend.	IPL to restart. If the problem persists, examine the RDEVSYS flag. If the RDEVSYS flag is off, the problem is especially serious; print and examine the dump. Examine the VDEVBLOK and RDEVBLOK checking the link chain.
VDS001	A virtual device definition has been requested for a minidisk that is already defined to the system (either as a different device to the user or a device to another user on the system). The directory indicates that the minidisk uses the virtual reserve release logic, but there is no existing VRRBLOK.	Examine the virtual blocks for the existing links to the minidisk and determine why the existing virtual device block pointed to by R3 does not point to a VRRBLOK.
VIO002	DMKSCNVU was unable to locate all of the virtual I/O control blocks for the virtual unit address associated with the interrupt just stacked.	Verify that the unit address in the field IOBVADD in the IOBLOK pointed to by R10 R10 is valid for the user who initiated the I/O. The field IOBUSER contains the address of the user's VMBLOK. If the address is valid, the integrity of the user's virtual I/O configuration has probably been destroyed. If the address is not valid, the IOBLOK has been altered, or was built incorrectly in the first place.
VIO003	DMKIOS has returned an IOBLOK indicating a condition code of 2 was received from the START I/O for the operation.	Condition code 2 should never be returned to the virtual I/O interrupt handler. Its presence indicates either a failure in the I/O supervisor (DMKIOS), or that the status field in the IOBLOK (IOBSTAT) has been destroyed.
VMA008	The resident page count in the VMBLOK (VMPAGES) is reduced to a negative value.	Inspect modules that update VMPAGES for the virtual machine. Check the routine to determine why it is inconsistent with the number of CORTABLE entries assigned to this virtual machine.
VMD001	The dump chain anchored DMKRSPDP has lost the in process VMDUMP.	Initialize the system to restart. If the problem persists, notify the system programmer.
VSP001	The virtual spooling manager could not locate all virtual control blocks for an interrupting unit.	Verify that the unit address (IOBVADD) in the IOBLOK is valid. If the address is valid, the integrity of the virtual I/O configuration has probably been destroyed. If the address is not valid, the IOBLOK has been altered or was built incorrectly.

Figure 8 (Part 27 of 28). CP Abend Codes

Abend Code	Reason for Abend	Action
VSR001	DMKVSRLD was called to analyze a 3800 op-code and the CCW op-code in VSPCCW was not a valid 3800 Load CCW.	Determine the caller of DMKVSRLD and see why it was called when VSPCCW could not be handled by this module.
ZTD001	DMKZTDST was called to clear the T disk area on a CP-owned DASD. The DASD type was not one of the valid types recognized by CP.	Re-IPL the system. If the problem persists, notify system support personnel.

Figure 8 (Part 28 of 28). CP Abend Codes

CMS Abend Codes

User Action

When a CMS abend occurs, you can:

- enter DEBUG mode and issue the DUMP subcommand,
or,
- get a CP read on your terminal (or type #cp) and issue the DUMP command.

In either case, a dump of storage results.

Note: Do not issue the DUMP command in CMS mode because abend processing will occur before the dump is performed. The indications of the error will be lost.

Information Collection

Save the console sheet. If you are using a display terminal as your virtual console, you should spool your console output to the printer. You may do so by either issuing the CP command SPOOL CONSOLE START at the beginning of the session or having the command in your Profile Exec.

Saving the console sheet provides a copy of your terminal activity for reference. If the session is uneventful, the resulting printer file can be purged.

Reporting the Abend

Give the dump, console sheet (or printed console file if it was spooled), and copies of the CMS files involved to system support personnel.

Recovering from the Abend

After the DUMP command is executed, the system automatically initiates recovery procedures. Therefore, it should be unnecessary to re-IPL CMS. If you see an error message indicating the error recovery has failed, you should re-IPL CMS.

The following pages list the CMS abend codes, the modules that issue the codes, the cause of the abend, and the action the user can take to recover.

Figure 9 lists the CMS abend codes and the modules that issue them, the cause of the abnormal termination, and the action the user should take to recover and continue.

Abend Code	Module Name	Cause of Abend	Action
001	DMSSCT	The problem program encountered an input/output error processing an OS macro. Either the associated DCB did not have a SYNAD routine specified or the I/O error was encountered processing an OS CLOSE macro.	Message DMSSCT120S indicates the possible cause of the error. Examine the error message and take the action indicated.
034	DMSVIP	The problem program encountered an I/O error while processing a VSAM action macro under VSE/AF for which there is no OS equivalent. An internal error occurred in a VSE/VSAM routine.	Refer to the <i>VSE/VSAM Messages and Codes</i> to determine the cause of the VSAM error.
0Cx	DMSITP	The specified hardware exception occurred at a specified location. "x" is the type of exception: x Type 0 IMPRECISE 1 OPERATION 2 PRIVILEGED OPERATION 3 EXECUTE 4 PROTECTION 5 ADDRESSING 6 SPECIFICATION 7 DECIMAL DATA 8 FIXED-POINT OVERFLOW 9 FIXED-POINT DIVIDE A DECIMAL OVERFLOW B DECIMAL DIVIDE C EXPONENT OVERFLOW D EXPONENT UNDERFLOW E SIGNIFICANCE F FLOATING-POINT DIVIDE	Type DEBUG to examine the PSW and registers at the time of the exception.
0F0	DMSITS	Insufficient free storage is available to allocate a save area for an SVC call.	If the abend was caused by an error in the application program, correct it; if not, use the CP DEFINE command to increase the size of virtual storage and then restart CMS.
0F1	DMSITS	An invalid halfword code is associated with SVC 203.	Enter DEBUG and type GO. Execution continues.
0F2	DMSITS	The CMS nesting level of 20 has been exceeded.	None. Abend recovery takes place when the next command is entered.

Figure 9 (Part 1 of 3). CMS Abend Codes

Abend Code	Module Name	Cause of Abend	Action
0F3	DMSITS	CMS SVC (202 or 203) instruction was executed and provision was made for an error return from the routine processing the SVC.	Enter DEBUG and type GO. Control returns to the point to which a normal return would have been made.
0F4	DMSITS	The DMSKEY key stack overflowed.	Enter DEBUG and type GO. Execution continues and the DMSKEY macro is ignored.
0F5	DMSITS	The DMSKEY key stack underflowed.	
0F6	DMSITS	The DMSKEY key stack was not empty when control returned from a command or function.	Enter DEBUG and type GO. Control returns from the command or function as if the key stack had been empty.
0F7	DMSFRE	Occurs when TYPICAL=SVC (the default) is specified in the DMSFREE or DMSFRET macro.	When a system abend occurs, use DEBUG to attempt recovery.
0F8	DMSFRE	Occurs when TYPICAL=BALR is specified in the DMSFREE or DMSFRET Macro devices.	When a system abend occurs, use DEBUG to attempt recovery.
101	DMSSVN	The wait count specified in an OS WAIT macro was larger than the number of ECBs specified.	Examine the program for excessive wait count specification.
104	DMSVIB	The OS interface to VSE/VSAM is unable to continue execution of the problem program.	See the additional error message accompanying the abend message, correct the error, and reexecute the program.
155	DMSSLN	Error during LOADMOD after an OS LINK, LOAD, XCTL, or ATTACH. The compiler switch is on.	See the last LOADMOD (DMSMOD) error message for error description. In the case of an I/O error, recreate the module. If the module is missing, create it.
15A	DMSSLN	Severe error during load (phase not found) after an OS LINK, LOAD, XCTL, or ATTACH. The compiler switch is on.	See last LOAD error message (DMSLIO) for the error description. In the case of an I/O error, recreate the text deck or TXTLIB. If either is missing, create it.
160	DMSXSU	Xedit has failed because an error occurred while the editor was reading from the console stack, or because the editor was unable to allocate a save area.	Reissue the XEDIT command. If the problem persists, contact your system support personnel.

Figure 9 (Part 2 of 3). CMS Abend Codes

Abend Code	Module Name	Cause of Abend	Action
174	DMSVIB	The OS interface to VSE/VSAM is unable to continue execution of the problem program.	See the additional error message accompanying the abend message, correct the error, and reexecute the program.
177	DMSVIB DMSVIP	The OS interface to VSE/VSAM is unable to continue execution of the problem program.	
200	DMSSFF	There is an error in the oversay process.	Find out what caused the error and rerun the job.
240	DMSSVT	No work area was provided in the parameter list for an OS RDJFCB macro.	Check RDJFCB specification.
400	DMSSVT	An invalid or unsupported form of the OS XDAP macro was issued by the problem program.	Examine program for unsupported XDAP macro or for SVC 0.
500	DMSTLB	A block count error was detected when reading a SL tape. User replied 'cancel' to message 425R or the user's program contained a block count error routine that returned a code of 0 under OS simulation.	Find out what caused the block count error. Then reload CMS and rerun the job.
704	DMSSMN	An OS GETMAIN macro (SVC 4) was issued specifying the LC or LU operand. These operands are not supported by CMS.	Change the program so that it specifies allocation of only one area at a time.
705	DMSSMN	An OS FREEMAIN macro (SVC 5) was issued specifying the L operand. This operand is not supported by CMS.	Change the program so that it specifies the release of only one area at a time.
804 80A	DMSSMN	An OS GETMAIN macro (804 - SVC 4, 80A - SVC 10) was issued that requested either zero bytes of storage, or more storage than was available.	Check the program for a valid GETMAIN request. If more storage was requested than was available, increase the size of the virtual machine and retry.
905 90A	DMSSMN	An OS FREEMAIN macro (905 - SVC 5, 90A - SVC 10) was issued specifying an area to be released whose address was not on a double-word boundary.	Check the program for a valid FREEMAIN request; the address may have been incorrectly specified or modified.
A05 A0A	DMSSMN	An OS FREEMAIN macro (A05 - SVC 5, A0A - SVC 10) was issued specifying an area to be released which overlaps an existing free area.	

Figure 9 (Part 3 of 3). CMS Abend Codes

Control Program (CP) Messages

001E

?CP: command

Explanation: The command specified is not a valid CP command, or a valid CP command was entered prior to logging on to VM/SP HPO.

User Response: Reissue the command in full, or in the proper abbreviated form. Or, log on to the system if you haven't done so yet.

002E

INVALID OPERAND - operand

Explanation: One of the operands was incorrectly specified. This message is also displayed if a MONITOR STOP command is issued while data collection is inactive, or if a MONITOR START command is issued and data collection is already in progress.

User Response: Reissue the command with a valid operand.

003E

INVALID OPTION - option

Explanation: You receive this message for one or more of the following reasons:

- An option is incorrectly specified
- An option is invalid with this particular variation of the command
- The option is shorter than the minimum length required for abbreviations
- You specified too many parameters on the command line
- If PMA or PMAV appears in the message, you specified a parameter twice in the command line

User Response: Reissue the command with a valid option.

004E

INVALID HEXLOC - operand

Explanation: The hexadecimal location is incorrect because the operand contains nonhexadecimal data or is longer than six characters. If the operand was not a hexadecimal location, it was misspelled.

User Response: Reissue the command; specify the operand correctly.

005E

INVALID HEXDATA - hexdata

Explanation: The hexadecimal data supplied either contains nonhexadecimal characters or is longer than eight characters.

User Response: Reissue the command; specify the hexadecimal data.

006E

INVALID DEVICE TYPE - addr

Explanation: The device type specified is not recognized as a valid CP device, or it is incorrect for the function requested. Examples of conditions that cause this message to be displayed are:

- If a teletypewriter terminal user issues a **TERMINAL APL ON** command.
- If the **NOTREADY** command is issued for a device other than a spooled unit record or console device.
- If the device specified is a virtual channel-to-channel adapter that has not yet been attached via the **COUPLE** command to another device. The virtual CTCA can be made ready only by issuing the **COUPLE** command.
- The user has issued a **SET VMSAVE** command for a DASD type with the volid specified in the **NAMESYS** macro. Module **DMKSNT** is not supported for this function.
- The operator attempted to set **TERMINAL CONMODE 3270, BREAKIN, SCRNSAVE, or BRKKEY** on a console that is not a local non-SNA display unit with a 3270 compatible command set.
- The operator attempted to set **TERMINAL CONMODE, BREAKIN, SCRNSAVE, or BRKKEY** without a virtual console defined.

User Response: Reissue the command; with a valid device type. For some of the requests, there can be no user action because a real device does not allow the option specified.

007E

INVALID USERID - userid

Explanation: The userid contains more than eight characters.

User Response: Reissue the command with a valid userid.

008E

INVALID SPOOLID - spoolid

Explanation: The spoolid specified was not a valid decimal number, or it was larger than four digits.

User Response: Reissue the command with a valid spoolid number.

009E

INVALID RANGE - range

Explanation: The range of addresses or registers specified is incorrect. For instance, the end address may be smaller than the starting address, too many ranges were specified, or the number of pages to be locked may be equal to or greater than the number of pages available in the dynamic paging portion of real storage.

User Response: Reissue the command; specify the range.

010E

INVALID REGISTER - register

Explanation: The register specified is not in the range 0 through 15 or hexadecimal 0 through F, or the register specified is not 0, 2, 4, or 6 for a floating-point register.

User Response: Reissue the command; specify a valid register.

011E

INVALID DEVICE TYPE - userid addr

Explanation: This message is issued when one of the following occurs:

- On a DIAL command, you specified a device that is not a virtual low speed line.
- On a COUPLE command,
 - The device specified is not a virtual channel-to-channel adapter, or,
 - You tried to couple a 3088 channel-to-channel device to a channel-to-channel adapter.
- For the 3880 Storage Control System:
 - On an ATTACH command,
 - You did not attach the device to an even control unit address or virtual control unit address.
 - You attached a 3880 Storage Control device at a virtual address that has existing virtual control blocks which define a different type of device.
 - The last digit of the virtual device address is not the same as the last digit of the real device address.
 - You tried to attach a device other than a 3880 Storage Control device within the range of addresses occupied by 3880 Storage Control devices.
 - On a VARY, ATTACH, or DEFINE command, you specified a paging mode address of the 3880 Storage Control system.
 - In a directory statement, you tried to define a minidisk on a 3880 Storage Control device. This error occurs at logon time.
 - On a LINK command, you tried to link to a minidisk which was defined on a 3880 Storage Control device.
 - You tried to place a saved system on a 3880 Storage Control device.

User Response: Ensure that the device is the correct type for the function, and reissue the command.

012E

INVALID PSW - psw

Explanation: The PSW (program status word) specified by the STORE command is invalid. An invalid PSW is one where:

- The virtual machine is operating in extended control mode and some of the bits that are defined by the architecture to be zero have been turned on, or
- The virtual machine is operating in basic control mode, and the extended control mode bit has been specified.

User Response: Change the PSW to a valid format for the mode of the virtual machine. If this is not done, attempting to run the virtual machine with an invalid PSW causes an invalid PSW message to be issued from the CP dispatcher.

013E

CONFLICTING OPTION - {option|option1 AND option2}

Explanation: This message occurs when:

- The same option is specified twice in the same command, or
- The function required by the given option is incompatible with a previously specified operand.
- DSS is specified in a VMDUMP command but no discontinuous segments exist.
- The function requested is incompatible with the system.
- Conflicting options (option1 and option2) are specified on the same PER command line.
- Both a PMA or PMAV parameter *and* a STOP or ATTN parameter appear in an IPL command. These operands are mutually exclusive.

User Response: For a class G command, consult the *VM/SP HPO CP Command Reference for General Users*; for commands other than class G, refer to the *VM/SP HPO Operator's Guide*. Check for the correct specification of the command and the allowed options, and reissue the command.

013W

CONFLICTING OPTION - {NORUN CONFLICTS WITH PRINTER|PRINTER CONFLICTS WITH NORUN|STEP CONFLICTS WITH PRINTER|PRINTER CONFLICTS WITH STEP} - {"BOTH"|"RUN"} OPTION FORCED

Explanation: An overriding option conflicts with an existing option in the PER traceset.

System Action: The overriding option is applied to the trace element. The conflicting option in the trace element is reset so that a conflict does not exist.

User Response: Issue QUERY PER ALL to see how the tracesets have been changed.

014E

TAPE raddr DUMP TAPE CAPACITY EXCEEDED

Explanation: On the SPTAPE command with the DUMP option, the tape defined by raddr has reached end-of-reel before all spool files were dumped.

System Action: The tape is file marked at the last complete spool file, the tape is unloaded, and the command is terminated.

User Response: Use a larger tape reel or dump by spool class or type.

016E

TAG INVALID FOR SPECIFIED FILE TYPE

Explanation: The spool file cannot be tagged. The splink (the data buffer) does not leave space for tag information (such as accounting, dump, and monitor files).

User Response: This is an invalid command. No response is possible.

017E

INSUFFICIENT SCREEN SPACE - CLEAR SCREEN AND REDIAL

Explanation: A local 3270 terminal issued a DIAL command, and there was an insufficient number of lines left on the screen to display the command and resulting message. If you continue, the terminal will go into a holding state. This will tie up the terminal, because the processing of DIAL disables the terminal from solicited interrupts, thereby preventing the release of the holding state.

User Response: Clear the screen and then reissue the command.

020E

USERID MISSING OR INVALID

Explanation: The userid is either missing or invalid. It may be longer than eight characters. This message is also issued if a user who does not have privilege class D issues the command QUERY FILES CLASS x userid, because the userid operand is valid only for class D users.

User Response: Reissue the command with a valid userid.

021E

RADDR MISSING OR INVALID [raddr]

Explanation: The real device address is either missing or invalid. An invalid device address either:

- Is more than four characters long
- Contains nonhexadecimal characters
- Is a paging mode address of a 3880 Storage Control device.

User Response: Reissue the command with a valid real device address.

022E

VADDR MISSING OR INVALID

Explanation: The virtual device address is either missing or invalid. A virtual device address may be invalid for any of the following reasons:

- It is longer than three characters
- It contains nonhexadecimal data

- It is greater than X'5FF' for a virtual machine running in basic control mode
- It is associated with an unsupported device type (specified in the command IPL vaddr)
- It was used previously to define a device for a virtual machine.

User Response: Reissue the command with a valid virtual device address.

023E

VOLID MISSING OR INVALID

Explanation: The volume identification is either missing or invalid. A valid longer than six characters is considered invalid.

User Response: Reissue the command with a valid volume identification.

024E

{CYLS|BLKS|FORM NUMBER} MISSING OR INVALID

Explanation: The number of cylinders (or blocks if FB-512) must be specified with the command, but it is missing or invalid. An invalid cylinder specification is one that is four or more characters, or larger than the maximum number of cylinders available on the device type specified. An invalid block number specification is one that is seven or more characters, or larger than the maximum number of blocks on the device type specified. If 'FORM NUMBER' appears in the message text, the form number following the FORM keyword is missing or it is over 8 characters long.

User Response: Reissue the command; specify the number of cylinders, blocks, or form number correctly.

025E

STORAGE MISSING OR INVALID

Explanation: The amount of storage is either missing or invalid. An invalid storage specification contains invalid digits or does not end with the letter K or M.

User Response: Reissue the command; specify the storage requirement.

026E

OPERAND MISSING OR INVALID

Explanation: A required operand is either missing or invalid.

User Response: Reissue the command with a valid operand.

027E

SPOOLID MISSING OR INVALID

Explanation: The command requires that a spoolid be supplied, but it is either missing or invalid. An invalid spoolid is one that contains nondecimal characters.

User Response: Reissue the command with a valid spoolid.

028E

CLASS MISSING OR INVALID

Explanation: The class value is either missing or invalid. An invalid class is one that is not in the range A through Z or 0 through 9.

User Response: Reissue the command with a valid class.

029E

FNAME FTYPE MISSING OR INVALID

Explanation: The filename and/or filetype is missing or invalid. An invalid filename is larger than 24 characters. An invalid filetype is larger than eight characters if the filename is eight characters or less.

User Response: Reissue the command; specify the required filename and/or filetype.

030E

COPIES MISSING OR INVALID

Explanation: The operand that specifies the number of copies is either missing or invalid. An invalid copy specification is nondecimal or greater than 255.

User Response: Reissue the command; specify the required number of copies.

031E

BUFFER MISSING OR INVALID [modifier]

Explanation: The FCB or UCSB could not be loaded. The modifier indicates the reason for failure:

- If there is no modifier, the buffer name is missing or invalid. Valid buffer names are established by the system programmer. Any buffer name longer than eight characters is invalid.
- If the modifier is "FCB TOO LONG", the FCB is too long for the printer.
- If the modifier is "EXTENDED FCB NOT SUPPORTED", an attempt is being made to send an extended FCB image to a printer that does not support the extended FCB format.

System Action: The buffer has not been transferred to the device.

User Response: Reissue the command using either a valid buffer name or a buffer that is compatible with the device.

032E

DISTCODE MISSING OR INVALID

Explanation: The distribution code is either missing or invalid. An invalid distribution code is longer than eight characters.

User Response: Reissue the command with a valid distribution code.

033E

HEXLOC MISSING OR INVALID

Explanation: The hexadecimal location is either missing or invalid. An invalid hexadecimal location is one that contains nonhexadecimal characters or is longer than six characters.

User Response: Reissue the command with a valid hexadecimal location.

034E

CHANNEL MISSING OR INVALID

Explanation: The channel number is either missing or invalid. An invalid channel number either is longer than one character or is nonhexadecimal.

User Response: Reissue the command with a valid channel number.

- 035E** **DEVICE TYPE MISSING OR INVALID**
- Explanation:** The command requires that a valid CP spool device type be entered as an operand, but it is either missing or invalid. Valid device types are READER (R, RDR), PRINTER (P, PRT), and PUNCH (PU, PCH).
- User Response:** Reissue the command with a valid spool device type.
- 036E** **INDEX MISSING OR INVALID**
- Explanation:** If INDEX MISSING is the condition, the requested FCB (forms control buffer) image in DMKFCB does not have an index value, therefore one must be supplied in the command. If INDEX INVALID is the condition, nn was not a number from 1 to 31, where nn corresponds to the number of the first print position.
- User Response:** Supply the value for INDEX in the FCB image or ensure that nn is a number from 1 to 31, whichever is appropriate. Reissue the command.
- 037E** **TAPE raddr INVALID FOR SPTAPE COMMAND**
- Explanation:** On the SPTAPE command with the LOAD/SCAN options, the tape specified by raddr was not generated by SPTAPE commands and has an invalid tape format.
- System Action:** The tape is unloaded and the command is terminated.
- User Response:** Have the operator verify that the tape was created by the SPTAPE command.
- 038E** **PARAMETER parameter FOR option OPTION MISSING OR INVALID**
- Explanation:** FORMAT was specified in a VMDUMP command without an operand, the operand was longer than 8 characters, or the parameter for the named option of a CP request was missing or longer than allowed.
- User Response:** Reissue the correct command.
- 039E** **PROCESSOR ADDRESS MISSING OR INVALID**
- Explanation:** An ATTACH CHANNEL or DETACH CHANNEL command was issued and the processor address was (a) missing from the command (MP mode only), or (b) an invalid address. While the processor address is not required on the ATTACH/DETACH CHANNEL command in UP or AP modes, if specified it will be checked for validity. In AP mode, the processor address must be that of the I/O processor.
- System Action:** The ATTACH/DETACH CHANNEL command is rejected.
- Operator Response:** Reissue the ATTACH/DETACH CHANNEL command with a valid processor address.

040E

DEV addr DOES NOT EXIST

Explanation: This message is issued for one of the following reasons:

- The device address specified does not exist, or a TIO to that device resulted in condition code 3.
- A fatal I/O error occurred when you attempted to perform I/O to a 3880 Storage Control device.
- For a VARY ONLINE command, if the device is configured as one of a string of DASD (but is not the head of the string), the device is either not operational or not ready.

If the device address is a real device, it is not configured in the CP system, or the device is configured in CP but is not operational. If it is a virtual device address, the virtual device is not configured in the virtual machine.

If the specified device address is valid, this message may indicate a problem with the Network Control Program and/or the 370x.

User Response: If the device is not operational, it cannot be varied online. If the device is not ready, you must ready the device before it can be varied online. Otherwise, reissue the command and specify the required real or virtual address.

041E

LOGMSG nn DOES NOT EXIST

Explanation: The SET LOGMSG command has been issued requesting a specific log message line, and the log message line does not exist.

User Response: Reissue the command; specify the required log message line.

042E

SPOOLID nnnn DOES NOT EXIST OR IS HELD

Explanation: The spoolid number specified does not exist within the specified device type. If the spoolid is an open reader file (in use by the virtual machine), it cannot be changed or purged. A CLOSE command will purge an open reader file unless SPOOL RDR HOLD is in effect.

DMKTRR issues this message to indicate that the file could not be located. There are several reasons why DMKTRR might not find the file:

- The file is not there.
- The file is not a reader file.
- The file is held.
- The class of the reader is not the same as the class of the file.

User Response: Reissue the command; specify only known and valid spoolids.

- 043E** **BUFFER name DOES NOT EXIST**
- Explanation:** The buffer name supplied with the command is not known to the CP system. The buffer does not exist if it cannot be found in one of the following CP modules:
- DMKFCB = 3211 Forms Control Buffers
 - DMKUCB = 3211 UCS Buffers
 - DMKUUS = 1403 UCS Buffers
 - DMKPAA = 3289 Font Offset Buffers
- User Response:** Reissue the command; specify a valid buffer name.
- 044E** **SYSTEM name DOES NOT EXIST**
- Explanation:** The system name specified does not exist.
- User Response:** Reissue the command; specify a valid system name.
- 045E** **userid NOT LOGGED ON**
- Explanation:** The userid specified is not logged on. The command cannot execute properly unless the user specified is logged on.
- User Response:** Reissue the command; specify only users who are currently logged on.
- 046E** **{DEV rid|type raddr} OFFLINE**
- Explanation:** The specified device or resource is offline and is considered not available to the CP system.
- System Action:** The command is rejected.
- User Response:** If this message was issued for DEV rid, issue the NETWORK VARY command to vary the resource online, and then reissue the command. If the message was issued for type raddr, issue the VARY command to vary the device online, and then reissue the command. If the command was the VARY command, the device had been forced offline and cannot be varied online again.
- 047E** **{userid {vaddr|segname}|THE CURRENT TRACESET|THE TRACESET traceset|A SAVED TRACESET} DOES NOT EXIST**
- Explanation:** The device specified for the particular userid does not exist in that user's virtual machine configuration. If the message is issued for the DIAL or COUPLE command, the particular device specified with those commands is not defined in the receiving user's virtual machine configuration. If this message is issued for the PER command, an action was requested to be performed on a traceset that does not exist.
- For DMKSEG, the segname does not exist.
- User Response:** Reissue the command; specify only existing virtual device addresses for the receiving virtual machine.
- For DMKSEG, reissue the command using a valid segname.
- For PER, establish a traceset before requesting an operation to be performed on that traceset.

048E

CHANNEL x DOES NOT EXIST

Explanation: The channel specified in the ATTACH CHANNEL command is not configured in the CP system.

User Response: Reissue the command; specify only valid and defined real channel addresses.

049E

type raddr IN USE

Explanation: You attempted one of the following:

- to vary an active teleprocessing line offline
- to vary an active graphic device offline
- to vary online additional paths to a device for which a real RESERVE may be outstanding.

System Action: The command is rejected.

User Response: In a case of an attempt to vary offline an active line, first deactivate the line by using the DISABLE command; then reissue the VARY command.

050E

PASSWORD INCORRECT

Explanation: The password supplied is incorrect.

User Response: Reissue the command, and supply the correct password when prompted. Make sure your password is exactly six characters long.

051E

MAXIMUM USERS EXCEEDED

Explanation: The maximum number of users specified by the system operator would have been exceeded if the logon were allowed to proceed.

User Response: Logon is not allowed and the line is disabled. Try to log on at a later time. If necessary, send a message to the operator before logging on to inquire about the status of the maximum number of users.

052E

ERROR IN CP DIRECTORY

Explanation: The link or logon cannot be accomplished because of a permanent I/O error encountered while reading the directory.

User Response: Notify the system operator that you cannot complete your link or logon because of an error in the directory.

053E

userid NOT IN CP DIRECTORY

Explanation: The userid supplied was not found in the directory or has a password of NOLOG.

User Response: Reissue the command; specify a valid userid.

- 054E** **ALREADY LOGGED ON {LINE|GRAF|LUNAME} raddr**
- Explanation:** The userid supplied in the LOGON command is already logged on at the given line address. LINE indicates a typewriter terminal and GRAF indicates a display terminal. For SNA terminals LUNAME indicates that the userid supplied in the LOGON command is already logged on at a given location. CP doesn't know the actual location of the SNA terminal so it uses the LUNAME of the terminal.
- User Response:** Log on specifying a different userid, or send a message to the operator or the logged-on user requesting information on the logon status.
- 055E** **LINE(S) NOT AVAILABLE ON userid**
- Explanation:** The DIAL command has been issued to a userid and either:
- That userid has no 270X lines, or
 - The lines are not enabled, or
 - The lines are all busy.
- User Response:** Reissue the DIAL command specifying a userid that has enabled virtual 270X lines that are not already servicing a user.
- 056E** **LINE vaddr BUSY ON userid**
- Explanation:** The virtual 270X line specified in the DIAL command is busy.
- User Response:** Reissue the DIAL command at a later time when the line becomes available.
- 057W** **userid NOT RECEIVING; {DISCONNECTED
|MSG OFF|MSG TOO LONG|NOT DISC|
NO CONSOLE|SMSG OFF|
NOT AUTHORIZED|WNG OFF|
VMCF/IUCV ERROR nnnn}**
- Explanation:** The userid specified in a MESSAGE, SMSG, or WARNING command is not receiving because the user is disconnected, not authorized, has set messages (or special messages or warnings) off using the SET command, or has not established the proper VMCF or IUCV connection. The MSG TOO LONG condition can occur if the RSCS 'SMSG' command is used to send a long message to a user at another node.
- User Response:** No further action is required.
- 058E** **CTC vaddr BUSY ON userid**
- Explanation:** The virtual channel-to-channel device specified in the COUPLE command is busy on the receiving userid's virtual machine.
- User Response:** Reissue the command; specify an available virtual channel-to-channel device.

059E

**AUTOLOG FAILED FOR userid - {IPL MISSING|IPL
FAILED|ACCOUNTING ERRORS|INCORRECT PASSWORDS}**

Explanation: An AUTOLOG command was issued for a user, but the command could not be executed for one of the following reasons:

1. IPL MISSING - there was no IPL record in the user's directory entry.
2. IPL FAILED - the IPL did not complete successfully.
3. ACCOUNTING ERRORS - the logon accounting routine returned a nonzero return code.
4. INCORRECT PASSWORD - The password from the autolog command does not match the password in the directory.

System Action: The user is not logged onto the system.

User Response: For reason 1, have your system administrator place an appropriate IPL record in the specified user's directory.

For reason 2, log onto the userid in the usual manner to determine the cause of the IPL failure.

For reason 3, contact your system programmer for specific requirements of your local accounting procedures.

For reason 4, contact your system programmer to verify the correct password or re-issue the autolog command with the correct password.

060E

DUMP FAILED; VIRTUAL PRINTER UNAVAILABLE

Explanation: The virtual printer either does not exist or is not ready.

User Response: If a virtual printer exists, issue the CP READY command for it and then reissue the DUMP command. If a virtual printer does not exist, use the CP DEFINE command to create one and reissue the DUMP command.

061E

DUMP FAILED; VIRTUAL PRINTER ERROR

Explanation: Either an I/O error occurred while a dump was being spooled to DASD, or spool space has been filled.

If this message is issued in response to a PER command, a problem has occurred while attempting to write PER output to the user's virtual printer.

User Response: Notify the system programmer.

For PER, if a virtual printer exists, issue the CP READY command. If a virtual printer does not exist, issue the CP DEFINE command.

062E

ECMODE NOT SET ON

Explanation: A SET STBYPASS was issued to a virtual machine without the ECMODE option being in effect.

System Action: The command is terminated.

User Response: Issue the SET ECMODE ON command which will reset the virtual machine. Then IPL the virtual system and reissue the command.

063E

SHADOW TABLE BYPASS; NOT SET

Explanation: The virtual machine is not running in extended control mode or the virtual control register 1, or segment or page table entries are not architecturally valid.

Note: If virtual machine assist is available, the STFIRST option must be specified in the user's directory.

System Action: The highest virtual=real address is set to zero.

User Response: Use the SET STBYPASS command only after the virtual relocate system has been reloaded and is running.

064E

SHADOW TABLE BYPASS; RESET

Explanation:

Virtual=Real USER: The virtual system was running with 'SET STBYPASS VR'. The virtual machine attempted to run with translation tables resident in the first 4K of storage.

Virtual=Virtual USER: Either the virtual operating system attempted to map a virtual address, not equal to its real address, to an address below the highest virtual=real address in the virtual address space or the virtual machine loaded a BC mode PSW or the virtual system was reset.

System Action: The SET STBYPASS command has been SET OFF. Virtual machine execution will continue.

User Response: Use the SET STBYPASS command only when running a virtual relocation operating system that does not violate the shadow table bypass restriction.

065E

HIGHEST ALLOWABLE HIGH-WATER MARK VALUE IS xxxxxK

Explanation: The value specified by the 'SET STBYPASS nnn' command exceeded the highest allowable high-water mark value. The high-water mark value will be set only if it is not higher than the following:

- the virtual machine size
- a high-water mark value determined from the virtual machine's page and segment tables.

The highest allowable high-mark value may not be the true water mark value because the virtual translation tables may have several pageable page frames contiguous with the true high-water mark.

System Action: The high-water mark value is set to zero, turning off the function.

User Response: Determine the true high-water mark value from the virtual systems configuration. Then reset the SET STBYPASS nnn command with the high-water mark value.

066E

STMULTI OPTION CSEG RESET

Explanation: The previously defined value of the CSEG option of the STMULTI command has been reset to zero because the virtual machine has been reset.

System Action: The CSEG option of the STMULTI command has been reset to zero.

User Response: Issue the SET STMULTI command with the desired value of the CSEG specified.

067E

COMMAND FORMAT NOT VALID

Explanation: The password was entered on the same line as the command or a valid option was misspelled.

User Response: Reenter the command omitting the password or reenter the command with the correctly spelled option.

Note: With the PROTECT option on, the LOGON password may not be entered on the same line as the LOGON command. Enter the password as a response to the "ENTER PASSWORD" message.

068E

SEND COMMAND FAILED - RECEIVER {IS NOT DISCONNECTED|HAS NOT AUTHORIZED SENDER|HAS NO VIRTUAL CONSOLE|HAS CONSOLE INPUT WAITING|IS EXECUTING A CONSOLE FUNCTION}

Explanation: The receiver specified in the SEND command:

1. Is not disconnected
2. Has not authorized sender
3. Has no virtual console
4. Has console input waiting
5. Is executing a console function.

System Action: Text is not sent to receiver in any situation.

User Response:

1. Secondary user not in effect because receiver is logged on at a terminal.
2. The sender must be specified as secondary user of the receiver on the CONSOLE directory control statement.
3. Receiver requires a virtual console.

4. Receiving virtual machine must do a console read for input that is already waiting, then the SEND command can be reissued.
5. Receiving virtual machine must complete console function before another CP command can be sent.

069I

INCOMPLETE RECOVERY; 'SYSTEM RESTART' OR 'BEGIN'

Explanation: The data required for complete V=R virtual machine recovery following an ABEND was not available.

System Action: The virtual machine is placed in console function mode.

User Response: If the guest system is MVS, issue a SYSTEM RESTART command to invoke MVS recovery. If a system other than MVS is the guest, perform the error recovery action, or enter BEGIN and allow the guest system to attempt to recover.

070E

DEVICE NOT AVAILABLE - MSS DEVICES ALLOCATED

Explanation: User is logged on with a minidisk defined on a system volume that is not mounted. When attempting to find an MSS volume with the correct volid, an MSS 3330V is required. There are no MSS 3330Vs available to try a volume count.

Note: This message is immediately followed by the current DMKLNK108E message specifying the referenced 'vaddr' and 'volid'.

System Action: The operation failed.

User Response: Determine whether the 'volid' required is an MSS volume or standard 3330-1. If it is a standard 3330-1, follow the actions for message 108E. If it is an MSS volume, notify the system operator so that the volume may be made accessible.

071E

DEVICE NOT AVAILABLE - MSS CANNOT BE ACCESSED

Explanation: The control program has attempted an operation that requires MSS access. The routine to communicate with the MSS (DMKMSS) is not active because of one of the following reasons:

- The communicator virtual machine has not been logged on.
- The VM system has not yet been initialized in the virtual machine.
- The DMKMSS program has not been started in the virtual machine.

This message can be issued during execution of any operation that initiated MSS mount or demount activity.

Note: This message will always be followed by a message from the specific control program routine that needed MSS activity.

System Action: The operation failed.

User Response: Request that the system operator makes the communicator virtual machine available or wait until the communicator virtual machine can be initialized.

072E

DEVICE NOT AVAILABLE - 'raddr' NOT PROPER TYPE

Explanation: A dedicate or attach operation is in process for device 'raddr'; device 'raddr' is a 3330V. The 'raddr' is not the proper type (VIRTUAL or SYSVIRT).

System Action: The attach or dedicate operation failed.

User Response: Reissue the command with the correct 'raddr' or if the 'raddr' was specified correctly, request that the system operator use the DEFINE command to reset the 3330Vs characteristics.

073E

DEVICE NOT AVAILABLE - MSS ERROR

Explanation: The control program has determined that the only possible way to satisfy a request for a virtual device is to issue an MSS mount request. The MSS accepted the request, but later generated an error indication.

System Action: The control program command that initiated the MSS request will produce a message to indicate the eventual result of the MSS error.

User Response: Contact the system operator to ensure that action is underway to correct the MSS error. Reissue the command when the error has been corrected.

074I

MISSING INTERRUPT - DEVICE 'vaddr'

Explanation: The virtual machine started I/O to its device 'vaddr', that is an MSS 3330V in the control program. A cylinder fault occurred on the 3330V but the corresponding attention interruption was not received in the specified time interval.

System Action: The original I/O operation is restarted to the device so that if the cylinder fault is satisfied, the request will complete normally.

User Response: If the message recurs, it may indicate an error in the MSS staging adapter. The pending I/O request can be cleared by issuing the RESET 'vaddr' command.

075E

DEVICE 'volid' IS NOT AVAILABLE

Explanation: An ATTACH command has been processed to attach a 'volid' to the system. However, the 'volid' is a SYSVIRT 3330V and that volume is mounted and its serial number is not the same as that specified on the 'volid' parameter.

System Action: The specified 'volid' is not attached.

User Response: Choose an available SYSVIRT 'volid' and reissue the command. The QUERY command can be used to find an available 'volid'.

- 076E** **THE 'valid' PARAMETER IS INVALID**
- Explanation:** The 'valid' parameter was specified with a range or multiple of real addresses on the ATTACH command. This is not a valid combination.
- System Action:** No addresses are attached.
- User Response:** Reissue the command with a valid combination of operands.
- 077E** **INVALID REQUEST FOR DEVICE 'nnn'**
- Explanation:** A DEFINE command was issued with the VIRTUAL or SYSVIRT parameter for device 'nnn'. Device 'nnn' cannot be defined because it is already the specified type or it is active in its current state.
- System Action:** The status of the device is not changed. No further DEFINE command processing occurs.
- User Response:** The QUERY command can be used to determine the exact status of 'nnn'. The operator can either issue the DEFINE command with a different address specification or wait until the status of 'nnn' has changed.
- 078I** **MSS MOUNT PROCEEDING FOR VOLUME 'valid'**
- Explanation:** The control program mounted the system volume 'valid' while processing an MDISK or DED directory statement or a LINK or ATTACH command. The MSS is now mounting the volume.
- System Action:** RC = 160.
The allocation of the virtual device is queued, pending the completion of the mount. Any SIO instruction issued by the virtual machine to the virtual address corresponding to the MSS volume is trapped by VM/SP HPO and queued until the volume is mounted. Control is not returned to the user until the volume is mounted and the SIO has been passed to the volume.
- User Response:** None. However, if a SIO is issued to the virtual device before the mount is complete, that SIO will be queued by VM/SP HPO and the virtual machine processing will be suspended pending the completion of the mount. The user can cancel the SIO, rather than waiting for the mount, by getting into CP mode and issuing the RESET command for the virtual address. This will cause CP to dequeue the SIO and generate a condition code 3.
- 079E** **CP COMMAND VIA CENTRAL SERVER IS NOT POSSIBLE**
- Explanation:** A user issued a control program command from the central server VIRTSYS that required action from the central server.
- System Action:** The operation is ignored.
- User Response:** Do not attempt to issue CP commands in this environment. It is not possible.

080E

NO PREALLOCATED VMSSAVE AREA

Explanation: The VMSSAVE option was specified in the directory at logon, or a SET VMSSAVE ON command was issued, and there is no entry in DMKSNT with a USERID= specification for this user.

System Action: The VMSSAVE option is not enabled.

User Response: Verify that the NAMESYS macro defining the target area is specified correctly. If none is present, add a NAMESYS macro defining the target area in module DMKSNT. Issue the SET VMSSAVE ON or SET VMSSAVE area-name to enable the option.

081W

VMSSAVE AREA ALREADY IN USE, MUST USE SET COMMAND

Explanation: The VMSSAVE option is specified in the directory but a valid saved VMSSAVE system already exists in the DASD target area.

System Action: The VMSSAVE option is not enabled.

User Response: Verify that the NAMESYS macro is specified correctly for this VMSSAVE target area. Use the QUERY VMSSAVE command to determine when the system was saved. Use the IPL command to load the system or the SET VMSSAVE ON command to clear the area.

082E

MORE THAN ONE VMSSAVE AREA ALLOCATED, MUST SPECIFY AREA NAME

Explanation: The VMSSAVE option is specified in the directory or the user has issued a SET VMSSAVE ON command when he has more than one target VMSSAVE area available to the user.

System Action: The VMSSAVE option is not enabled.

User Response: Issue a QUERY VMSSAVE command to determine what areas are available and then issue a SET VMSSAVE area-name command to enable the VMSSAVE option.

083E

VMSSAVE AREA DOES NOT CONTAIN A VALID SYSTEM

Explanation: The user has issued an IPL command to a VMSSAVE target DASD area. The DASD area specified does not contain a valid system.

System Action: The IPL command is terminated.

User Response: Verify that the correct name was specified on the IPL command. Ensure that the NAMESYS specification points to the correct DASD area. Reissue the IPL command.

086E

I/O ERROR ON DASD

Explanation: The VMSSAVE option was specified and an error occurred on the DASD.

System Action: The VMSSAVE option is not enabled.

User Response: Reissue the set VMSSAVE command to enable the VMSSAVE option.

090E

DEV vaddr NOT DEFINED; DEV {raddr|volser} NOT AVAILABLE

Explanation: The virtual device has not been defined in the virtual machine's configuration because the real device described in the directory DEDICATE card is not available. A real device is considered not available if it is:

- Already attached to another user, or
- In use by the CP system, or
- Offline.

User Response: Ask the system operator about the status and availability of the real device. The operator can attach the required device or an alternate device to the virtual machine.

091E

DASD vaddr NOT DEFINED; TEMP SPACE NOT AVAILABLE

Explanation: The virtual device has not been defined in the virtual machine configuration because the temporary space requested is not available. Temporary space is considered not available if:

- No space has been allocated by the installation for temporary use, or
- The number of cylinders (or blocks if FB-512 device) requested cannot be satisfied from the available space remaining.

User Response: The space cannot be defined if it has not been allocated. If space has been allocated, issue the DEFINE command requesting fewer cylinders (or blocks if FB-512 device.)

092E

DEV vaddr NOT DEFINED; type vaddr ALREADY DEFINED

Explanation: The virtual device specified has not been previously defined within the virtual machine's configuration, or that address is already defined within the virtual machine's configuration.

User Response: Reissue the command; specify a virtual device address that is not already defined within the virtual machine configuration, or detach the conflicting virtual device address before reissuing the command.

093E

DEV vaddr NOT DEFINED; ERROR IN CP DIRECTORY

Explanation: The requested virtual device has not been defined within the virtual machine configuration because of an error in the CP directory. Examples of this error condition are:

- A DEDICATE statement for a 2305 device did not specify the first exposure address for both the virtual and real address.
- A DEDICATE statement specified a paging address of a 3880 Storage Control device.

User Response: Send a message to the system operator stating the problem so that the error in the CP directory can be corrected.

094E

STORAGE EXCEEDS ALLOWED MAXIMUM

Explanation: The storage specified in the DEFINE command exceeds the maximum allowable as specified in the CP directory.

User Response: Reissue the DEFINE command specifying a smaller storage size.

095E

DEV vaddr NOT DEFINED; INSUFFICIENT FREE STORAGE

Explanation: Sufficient free storage could not be acquired to define a virtual device as a result of the logon process or a DEFINE command.

User Response: Reduce the number of virtual devices in the user configuration. The system programmer may want to allocate more free storage to the system.

096E

DEVICE vaddr NOT DEFINED; DEVICE TYPE NOT ALLOWED

Explanation: The user attempted to redefine a 3880 Storage Control device at location 'vaddr'.

System Action: The command is rejected.

User Response: If you meant to redefine a 3880 Storage Control device, no response is possible since you cannot redefine this type of device. Otherwise, reissue the command and specify the correct device type.

098E

DEV rid MODE SWITCH NOT POSSIBLE

Explanation: If this message was issued in response to the DIAL command, it indicates that the DIAL command was issued from a terminal connected to a 3704/3705 that is running the Network Control Program (NCP) or the Partitioned Emulation Program (PEP), and the terminal cannot be switched from network control mode to emulation mode.

Otherwise, this message indicates that the NETWORK VARY command was issued with either the EP or NCP operand, requesting a mode switch that cannot be performed. Either the specified resource does not have the mode switch capability or the switch could not be performed. For the NETWORK VARY EP command line, the mode switch cannot be performed if:

- The resource is already in emulation mode.
- No RDEVBLOK is available for addressing the line when it is in emulation mode.

For the NETWORK VARY NCP command line, the mode switch cannot be performed if:

- The resource is already in network control mode.
- No RDEVBLOK exists for the emulator subchannel address associated with the specified resource.

System Action: Command execution is terminated.

User Response: For the DIAL command, verify that the correct 3704/3705 control program is active, and that the specific resource in use was generated with the mode switch capability. Note that the DIAL command

cannot be used with the NCP, because the NCP does not support the mode switching function.

For the NETWORK VARY command, check the operands specified when the 3704/3705 control program was generated and correct any in error. Check that the RDEVICE macros in the DMKRIO module were specified correctly, according to the real machine and 3704/3705 configurations. If errors are discovered in the 3704/3705 control program generation, regenerate the 3704/3705 control program. If errors are discovered in the DMKRIO module, regenerate the CP nucleus.

101W

DASD vaddr FORCED R/O; R/O BY {nnn USERS|userid}

Explanation: The virtual device specified has been forced into read-only status because other users on the system already are linked to the same device with read-only access. If only one user has read-only access, that user's userid is displayed at the terminal.

User Response: This is a warning message for information only and no further action is required.

102W

DASD vaddr FORCED R/O; R/W BY %nnn USERS|userid

Explanation: The virtual device specified has been forced into read-only status because other users on the system already have access to the same disk area in read/write mode. If only one user has read/write access, that user's userid is displayed at the terminal.

User Response: This is a warning message for information only and no further action is required.

103W

DASD vaddr FORCED R/O; R/W BY {nnn USERS|userid}; R/O BY {nnn USERS|userid}

Explanation: The given virtual device has been forced into read-only status because the disk is in read/write use by some users and read-only use by other users linked to the same disk area. If the number of users having read/write or read-only access is one, the single userid is displayed at the terminal.

User Response: This is a warning message for information only and no further action is required.

104E

userid vaddr NOT LINKED; R/O BY {nnn USERS|userid}

Explanation: The link to the user's virtual device has not been accomplished because that disk area is already in read-only use by one or more users. If the number of users is one, the single userid is displayed at the terminal.

User Response: Reissue the LINK command, specifying the appropriate alternate access to obtain a link to the desired area in read or write mode.

- 105E** **userid vaddr NOT LINKED; R/W BY {nnn USERS|userid}**
- Explanation:** The link to the user's virtual device has not been accomplished because that disk area is already in read/write use by one or more users. If the number of users is one, the single userid is displayed at the terminal.
- User Response:** Reissue the LINK command, specifying the appropriate alternate access to gain a link to the device in the required mode.
- 106E** **userid vaddr NOT LINKED; R/W BY {nnn USERS|userid}; R/O BY {nnn USERS|userid}**
- Explanation:** The link to the user's virtual device has not been accomplished because the disk is in read/write use by some users and read-only use by other users. If the number of users is one, the single userid is displayed at the terminal.
- User Response:** Reissue the LINK command, specifying the appropriate alternate access required to gain the correct link to the disk area.
- 107E** **userid vaddr NOT LINKED; NOT IN CP DIRECTORY**
- Explanation:** The link to the user's virtual device has not been accomplished because that virtual device address is not defined in the directory for the specified userid.
- User Response:** Reissue the LINK command, specifying the correct virtual device address or the correct userid.
- 108E** **userid vaddr NOT LINKED; VOLID volid NOT MOUNTED**
- Explanation:** The link to the user's virtual device address has not been accomplished because the virtual device is defined on a volume that is not currently mounted on the CP system.
- User Response:** Send a message to system operator asking that the specified volume be mounted and attached to the CP system. Reissue the LINK command when the operator confirms that the correct volume has been mounted.
- 109E** **userid vaddr NOT LINKED; INVALID LINK DEVICE**
- Explanation:** The link to the user's virtual device has not been accomplished because the virtual device defined in the user's CP directory entry is not a minidisk to which a link can be accomplished.
- User Response:** Reissue the LINK command with a valid userid and virtual device address.
- 110E** **userid vaddr NOT LINKED; type vaddr ALREADY DEFINED**
- Explanation:** The link to the user's virtual device has not been accomplished because this virtual machine already has a device with the same address defined in its configuration. If a CTCA is defined in the virtual machine's configuration, 16 virtual addresses are defined for that CTCA and a link using one of those addresses cannot be made.

116E

userid xxx NOT LINKED; CP DIRECTORY IN USE

Explanation: The userid to which you are linking is either logging on the system, or someone else is attempting a link to the same userid at this time.

User Response: Reissue the LINK command.

117E

USERID userid NOT LINKED; VOLID volid CONFLICT

Explanation: The volume label in the user's directory entry matches the volume label on the real device, but the device class and device type are not the same.

User Response: Correct the error in the directory for the device that cannot be linked.

118E

userid vaddr NOT LINKED; COMMAND FORMAT NOT VALID

Explanation: The LINK password was entered on the same line as the LINK command or a valid option was misspelled.

User Response: Reenter the LINK command omitting the password or reenter the LINK command with the correctly spelled option.

Note: With the PROTECT option on, the LINK password may not be entered on the same line as the LINK command. Enter the password as a response to the "ENTER PASSWORD:" message.

119E

userid vaddr NOT LINKED; INSUFFICIENT FREE STORAGE

Explanation: Sufficient free storage could not be acquired to satisfy the link request for a virtual device.

User Response: Reduce the number of virtual devices in the user configuration or in other user configurations. The system programmer may want to allocate more free storage to the system.

120E

{PRT rid|type raddr} NOT ATTACHED; userid vaddr ALREADY DEFINED

Explanation: The real device has not been attached to the specified userid because that userid has already defined a virtual device of the specified virtual address.

Operator Response: Send a message, via the MESSAGE command, to the user requesting what action should be taken and what virtual device should be assigned. If the user wants to detach the conflicting virtual device from his machine configuration, reissue the ATTACH command specifying a different virtual address for the user.

121E

{PRT rid|type raddr} NOT ATTACHED TO userid

Explanation: The real device has not been detached from the specified userid because it was not attached to that user. Either the real device or the userid has been incorrectly specified.

User Response: Reissue the DETACH command specifying the correct device address for the userid.

- 122E** {PRT rid|type raddr} ALREADY ATTACHED TO userid
- Explanation:** The requested real device is already attached to another userid. The operator has probably specified an incorrect real device address.
- Operator Response:** Reissue the ATTACH command, specifying the correct real device address.
- 123E** DASD raddr CP OWNED
- Explanation:** The command has not been processed for the requested userid because that device is owned by the CP system. A CP-owned device is one that is defined in the system-owned list and is in use for paging or spooling space.
- User Response:** The command cannot be specified for the real device because that device must remain owned and in use by the CP system.
- 124E** DASD raddr IN USE BY nnn USERS
- Explanation:** The command has not been executed because the device is in use by the stated number of users.
- User Response:** The command cannot be executed for the specified real device until all users who have minidisks in use on that device detach them.
- 125E** DASD raddr VOLID volid ALREADY ATTACHED TO SYSTEM
- Explanation:** The volid is already mounted and attached to the system.
- Operator Response:** Reissue the ATTACH command specifying the correct volid. It may be necessary to detach the real device from the system that contains the duplicate volid before attempting the ATTACH command again.
- 126E** DASD raddr ERROR READING VOLID
- Explanation:** The specified device could not be attached to the system because of an error in reading the volume label.
- Operator Response:** Check that there are no equipment failures; reissue the ATTACH command.
- 127E** DASD raddr VOLID volid DOES NOT MATCH
- Explanation:** The real device has not been attached to the system because the volid read from the label does not match the one specified with the command.
- Operator Response:** Reissue the ATTACH command specifying the correct volid.
- 128E** DASD raddr ERROR READING ALLOCATION RECORD
- Explanation:** The volume, which is a CP-owned volume, has not been allocated for CP use because the allocation record could not be read.
- Operator Response:** Detach the device from the system and reattach it to the system, after checking that there are no equipment failures.

129E

CHANNEL x DEVICES IN USE

Explanation: The ATTACH CHANNEL command has not been executed because the devices on that channel are already in use.

Operator Response: Detach devices from users and the system before reissuing the ATTACH CHANNEL command.

130E

CHANNEL x [PROC nn] NOT ATTACHED TO userid

Explanation: The DETACH CHANNEL command has not been accomplished because (1) channel x is not attached to the specified userid, or (2) the channel is not attached on the specified processor.

System Action: The DETACH CHANNEL command is rejected.

Operator Response: Reissue the command; be sure to specify the correct channel (and processor) for the userid.

131E

**INSUFFICIENT FREE STORAGE AVAILABLE FOR
{ATTACH|LOGON} REQUEST**

Explanation: An attempt was made to acquire storage for virtual device/control unit/channel blocks from free storage. The storage request could not be satisfied. In the case of ATTACH, no devices are attached. In the case of LOGON, logon processing is accomplished but no virtual devices are available in the user's configuration.

User Response: Reduce the amount of storage being requested by reducing the number of virtual devices being attached or logged on. The system programmer may want to allocate more free storage to the system.

132E

CHANNEL x ALREADY DEFINED BY userid

Explanation: The userid's virtual machine already has a channel with the same address defined in the virtual machine.

Operator Response: Request that the user detach all devices from the requested virtual channel and then reissue the command specifying the correct channel address.

133E

DASD raddr NOT READY

Explanation: An attempt has been made to attach a DASD device that is not ready.

Operator Response: Make the device ready and reissue the command.

134E

type raddr NOT ATTACHED; CHAN x DEDICATED

Explanation: The command has not been executed for the requested userid because the user has attached a dedicated channel with the same channel number as the virtual channel number specified in the ATTACH command.

Operator Response: Verify that the raddr in the ATTACH command is correct.

- 135E** **type vaddr NOT DETACHED; CHAN x DEDICATED**
- Explanation:** The command has not been executed because the device was attached via the ATTACH CHANNEL command.
- Operator Response:** If the channel is no longer needed, issue the DETACH CHANNEL command.
- 136E** **DEVICE addr NOT {DEFINED|VARIED}; CHANNEL xx DEDICATED**
- Explanation:** A VARY ONLINE command for device raddr or a DEFINE command for device vaddr has been issued and the channel to which the device is attached is dedicated.
- System Action:** The command is rejected.
- Operator Response:** In order to vary on or define more devices on channel xx, the channel must first be detached from the userid to which it is attached.
- 137E** **DASD vaddr NOT LINKED; CHAN x DEDICATED**
- Explanation:** Channel x is dedicated to this virtual machine. The vaddr appearing in the error message has a virtual channel that is equal to the real dedicated channel. Users of dedicated channels are not permitted to link to DASD device(s) where the virtual channel equals the real dedicated channel.
- User Response:** Reissue the LINK command using a different virtual channel address.
- 138E** **CHANNEL x NOT ATTACHED; INSUFFICIENT FREE STORAGE**
- Explanation:** Sufficient free storage could not be acquired to satisfy the attach channel request. The request cannot be satisfied unless all devices on the channel can be attached.
- User Response:** Reduce the number of virtual devices in the user configuration. The system programmer may want to allocate more free storage to the system.
- 139E** **DASD raddr NOT {LINKED|ATTACHED}; 3330V NOT ACCEPTED AS SYSTEM VOLUME**
- Explanation:** Mass Storage (MSS) 3330V devices cannot be attached to the system and used to contain minidisks.
- User Response:** This message identifies a restricted function. Mass Storage (MSS) 3330V devices can only be dedicated to a virtual machine user.
- 140E** **type raddr ATTACHED TO userid**
- Explanation:** The device specified is not under CP control but is attached to the specified userid for its exclusive control.
- User Response:** Request that the operator detach the device from the specified user in order to make it available to another user. Reissue the command, specifying only devices under CP control.

141E

type raddr NOT ACTIVE

Explanation: The command has not been executed because the device specified was not performing any spooling function.

User Response: Reissue the command; specify the correct real device, if necessary.

142E

type raddr NOT DRAINED

Explanation: The command has not been executed because the device specified was not in a drained status.

Operator Response: Drain the specified device via the DRAIN command, and reissue the command.

143E

type raddr IN USE BY SYSTEM

Explanation: The specified device either:

- Is attached to the system, or
- Is performing I/O activity.

System Action: The command is not executed.

Operator Response:

- For any device other than a 3704/3705, detach the device if possible, or wait for the I/O activity to cease, and then reissue the command.
- For an active 3704/3705, the command cannot be executed.
- If a NETWORK DUMP is required, use the 3704/3705 LOAD button to activate automatic dump and reload procedures.
- If a NETWORK LOAD of a 3704/3705 control program other than the active one is required, use the NETWORK DUMP command with the OFF operand to suppress automatic recovery, and then use the subsequent NETWORK LOAD command.

144W

type vaddr RESET BY userid

Explanation: The HALT command was used to terminate an active channel program and that channel program was associated with a specified virtual device.

System Action: The real device is halted and all pending interrupts are cleared from the specified virtual device. The virtual machine then enters CP command mode.

Programmer Response: Ensure that a valid channel program was started to the specified virtual device.

User Response: IPL the virtual system to continue.

145I

**USERID:userid AT term-raddr WITH INVALID {LINK|LOGON}
PASSWORD NO. xxx HAS VIOLATED THE LIMIT OF yyy
[,A = auserid]**

Explanation: The installation defined threshold for invalid passwords has been reached by "userid".

term-raddr address of terminal being used.
xxx current invalid password count.
yyy current limit.

When the current limit is met, message DMKJRL145I is sent.

If the optional information "[,A = auserid]" is present, the message is the result of an AUTOLOG command. In this case "userid" is the userid specified in the AUTOLOG command, and "userid" is the userid of the issuer of the AUTOLOG.

Operator Response: None.

User Response: Each installation will have to define the specific action they wish to take when this situation arises. Since the situation is a possible attempt to penetrate the system, it should not be ignored.

146I

VMDUMP FAILED, SPOOLING ERROR

Explanation: The system was unable to supply the necessary spool file blocks for the VMDUMP.

System Action: The VMDUMP request is canceled and any spool file blocks are freed.

User Response: Do not reissue the command until spool space is available.

147E

**CHANNEL x [PROC nn] NOT ATTACHED; ALTERNATE PATHS
DEFINED**

Explanation: An ATTACH CHANNEL command has been issued to attach channel x (to processor nn). There is at least one device on the specified channel that has an alternate path generated.

System Action: The ATTACH CHANNEL command is rejected. The ATTACH CHANNEL command is used to dedicate all the devices on a real channel to a specified virtual machine; the one-to-one correspondence of virtual devices to real devices cannot be maintained if alternate paths to any of the devices are generated.

Operator Response: None

148E

type raddr BUFFER LOAD name FAILED

Explanation: The buffer load cannot be accomplished because of an I/O failure on the specified device.

It could also mean that module DMKUCS, DMKUCB, or DMKUCC has exceeded a page boundary (4K).

User Response: Reissue the command, attempting to load the buffer as before. If the problem persists, there is probably a hardware error. Call your system support personnel for assistance.

149E

DEVICE PATH raddr PROC nn PRESENTED CC3 ON I/O REQUEST

Explanation: An I/O operation has found an offline path to a device. The device will appear online to a QUERY command.

If you have a 3880 Storage Control system, this message is issued if you attempt to VARY ON a direct mode path when the cache is in use.

System Action: The I/O operation was started on another path if one exists. If another path does not exist, an unrecoverable error was posted to the calling task for this I/O operation.

If you have a 3880 Storage Control system, the VARY ON command is rejected because the cache is currently in use.

Operator Response: Make sure the control unit and device switches are on. If all switches are on, a hardware malfunction is probably the cause of this offline condition. Notify your system support personnel.

If you have a 3880 Storage Control system, you should be able to VARY ON the path when the cache is no longer in use.

150A

USER userid HAS ISSUED A {CP| VM} READ

Explanation: A disconnected user, for whom this user is acting as the secondary user, has issued a console read, or CP has issued a console read on behalf of the disconnected user.

System Action: The console read is not actually performed, but a record of it is kept in a queue.

User Response: A SEND command must be issued to satisfy the console read.

151I

DASD addr NOT ATTACHED, BUSY PERSISTS, IOBSTAT = xx, IOBCSW +4 = yyyy

Explanation: Following an ATTACH DASD command, the system issued 256 test I/O instructions to the DASD and a busy condition persisted.

System Action: The device is not attached.

User Response: Use the IOBSTAT with the IOBCSW +4 status byte to find out what caused the busy condition.

Values	Meaning
IOBSTAT=01 and IOBCSW +4 =7000	Short control unit busy
IOBSTAT=01 and IOBCSW +4 =1000	Busy device
IOBSTAT=01 and IOBCSW +4 =0000	Busy control unit
IOBSTAT=02 and IOBCSW +4 =0000	Channel or subchannel busy

For the first three cases, check for a possible shared control unit or a reserved DASD operating in a shared dasd environment. In all cases, reissue the ATTACH DASD command once the busy condition has been cleared.

152E

{PFCOPY|PFTAB} NOT AVAILABLE

Explanation: VM/SP HPO does not support COPY or TAB function settings for program function keys on TTY terminals. You can set tabs using appropriate hardware facilities. For the 3101 with a 3102 attached, you can use the PRINT keys instead of the PFCOPY function. The Preface lists the related hardware publications which contain the affected device.

System Action: The PF request is ignored.

User Response: Do not use PF keys for COPY or TAB functions.

153E

DEVICE raddr|RNG EXCEEDED MAX NUMBER OF VIRTUAL DEVICES

Explanation: By using a LINK, DEFINE, or ATTACH command, you tried to create more virtual device/s than your virtual machine allows.

System Action: The command is rejected.

User Response: Detach a sufficient number of existing virtual devices from your virtual machine so that the total number of virtual devices is less than or equal to the maximum allowed. Then, in the case of a LINK or DEFINE command, reissue the command. For an ATTACH command, request that the ATTACH be retried.

154E

DEV raddr VARY FAILED, VARY IN PROCESS

Explanation: A VARY command was issued for the specified device (raddr) while another VARY command was being processed for that device.

System Action: The VARY command is canceled.

User Response: Reissue the VARY command.

156E

raddr1 raddr2 raddr3 SUBSYSTEM DEVICE NOT AVAILABLE

Explanation: An ATTACH command failed to attach the paging mode addresses of a 3880 Storage Control device because the system is currently using these addresses. At this time, only the base address is attached to your configuration.

System Action: The attached device is treated as a normal 3350 DASD, not as a 3880 Storage Control Device.

Operator Response: None.

157E

CLUSTER=parm MISSING FROM RDEVICE MACRO-DEV raddr

Explanation: While attempting to issue a command to a device for line 'raddr', DMKNET found no cluster specified for the line (RDEVICL=0).

System Action: Network enable command processing is terminated.

User Response: Correct the RDEVICE macro for device 'raddr' by coding the CLUSTER= parameter. If a CLUSTER= parameter is coded, check for an incorrect continuation from the previous line. Ensure that (in the DMKRIO listing for device 'raddr') the RDEVBLOK contains a label for RDEVNICL.

158I

UCS IMAGE NAME MISMATCH. IMAGE NAME LOADED IS xxxx

Explanation: The UCSB name given in the LOADBUF UCS command does not match the UCSB currently loaded in the printer.

System Action: None.

User Response: Verify that the correct UCS image name is indicated on the command line. If the name is correct, verify that the band image loaded in the printer is correct.

160E

HEXLOC hexloc EXCEEDS STORAGE

Explanation: The hexadecimal location specified exceeds the storage size. If the hexadecimal location was a virtual address, the address was beyond the range of the virtual machine storage size; if it was a real address, then the address was beyond the range of the real storage size.

Note that the storage created by a virtual operating system running under VM/SP HPO is beyond the range of the virtual machine storage size. Thus, the virtual region of a VS operating system running under VM/SP HPO, for example, cannot be displayed.

User Response: Reenter the command, using only valid hexadecimal locations within the range of the real or virtual storage size.

161E

SHARED PAGE hexloc ALTERED BY-userid

Explanation: The operator has issued an STCP (store CP) command for the shared page at hexadecimal location 'hexloc'. This page has just been altered by the currently dispatched user, 'userid', and it therefore will belong solely to 'userid'. Another copy of the shared page will be created at another location for the other users sharing the page before the next user is dispatched. Since it is assumed that the operator wishes to change the contents of the shared page, not the individually-owned page, the STCP command is not executed.

Operator Response: If you want to change the contents of the shared segment, use the class A LOCK command with the MAP operand to determine the real address of the page, and then reissue the STCP command with the corrected shared page address. If you want to change the contents of the altered, individually owned page, reissue the STCP command; this time it will be executed.

162E

INVALID ECR x - hexdata

Explanation: The user has specified an extended control register with invalid hexadecimal data. Invalid hexadecimal data in an extended control register can mean that either certain bit combinations not allowed by the architecture have been specified, or addresses have been named that would cause specification or addressing exceptions in the virtual machine.

User Response: Reissue the command, specifying valid hexadecimal data for the control registers specified.

162W

INVALID ECR x - hexdata

Explanation: The virtual machine is running in extended control mode and an attempt has been made to store a reset value '00000E0' into control register zero (x). The store is completed.

User Response: Verify your intention to reset control register zero before continuing in extended control mode.

163E

STORE EXCEEDS MAXIMUM REGISTER

Explanation: The STORE command has been specified for registers with a number of operands to be stored in contiguous registers, and the number of operands specified would place the store beyond the valid register range.

System Action: The system has stored up to and including the maximum register allowed for the store function.

User Response: Verify that the STORE command was entered correctly and that the beginning register was correctly specified. If they were not, reissue the STORE command, specifying the correct registers and operands.

164E

HEXLOC hexloc NON-ADDRESSABLE STORAGE

Explanation: The hexadecimal address specified with the command lies within a nonaddressable storage range. Nonaddressable storage is storage created by named systems such as VSAM.

User Response: Reissue the command, specifying a valid hexadecimal address.

165I

PAGE hexloc NOT LOCKED; SHARED PAGE

Explanation: The page user at hexadecimal location "hexloc" cannot be locked because it is a shared page.

System Action: The system skips this page and continues to lock any remaining unshared pages in the range specified in the LOCK command.

User Response: If more pages are to be locked, the user must reissue the LOCK command specifying unshared pages.

166E

CHANGED SHARED PAGE NOT WRITTEN TO AUXILIARY STORAGE

Explanation: The store into a shared page has been made, but a copy of the change has not been written to backup storage. The recompute bit is on and no page slot is available. The change may be lost if it is assigned later as a private page.

User Response: Provide more paging space.

170E

SYSTEM name EXCEEDS STORAGE

Explanation: If this message was issued in the response to the SAVESYS, SET VMSAVE, or IPL command, the system name specified uses a virtual storage size larger than that defined for the virtual machine. You may not be able to IPL the system if this message was issued following an IPL command.

If this message was issued in response to a NETWORK command, the specified 3704/3705 control program is larger than the 3704/3705 storage (as specified by the RDEVICE macro), and the control program image cannot be loaded into the specified 3704/3705.

User Response: For any of the above commands, reissue the command, specifying a system name that will fit within the virtual machine storage size. Or redefine the virtual machine storage size using the DEFINE command, and then reissue the command (except for the SET VMSAVE command).

For NETWORK, reissue the command specifying another control program that will fit in the 3704/3705.

For IPL, check that the VSYADR operand was coded correctly in the NAMESYS macro.

171E

SYSTEM name VOLID valid NOT MOUNTED

Explanation: If this message was issued in the response to the SAVESYS or the SET VMSAVE command, the system name cannot be saved because it requires a volume that is not mounted. This may be the volume on which the named system was to be saved or the volume that the saved system needs in order to properly execute once loaded.

If this message was issued in response to the IPL command, the system name cannot be loaded because it requires a volume that is not mounted. This may be the volume that contains the saved system, or the volume that the saved system needs in order to properly execute once loaded.

If this message was issued in response to the SAVENCP command, the volume specified by SYSVOL in the NAMENCP macro in DMKSNT is not currently available.

If this message was issued in response to a NETWORK command, the Network Control Program cannot be loaded because the volume on which it resides is not mounted.

User Response: Send a message to the system operator stating which volume is not mounted, and request that he mount the desired volume and attach it to the system. Reissue the command once the operator has verified that the correct volume is mounted and attached.

172E

SYSTEM name DASD vaddr INCOMPATIBLE SYSRES

Explanation: The system name specified cannot be saved or loaded (via IPL) because the direct access storage device address within the virtual machine's configuration does not match the DASD address and location specified in the name table of the CP system.

User Response: No action can be directly taken by the user. Verify that the system name you are trying to save or IPL contains the correct virtual device address and that that virtual device address matches the extent on the required owned volume for that system.

- 173E** **SYSTEM name REQUIRES DASD vaddr**
- Explanation:** The system name specified with a SAVESYS or IPL command requires that the virtual machine be using a direct access storage device with the specified virtual address.
- User Response:** In the virtual machine configuration, define the required DASD address. Then reissue the command, specifying the correct system name.
- 174E** **PAGING ERROR - {I/O|ADDRESS EXCEPTION}: {COMMAND TERMINATED, IPL FAILED}**
- Explanation:** A paging error was detected; either an I/O error or addressing exception occurred.
- System Action:** Defined in the message text.
- COMMAND TERMINATED:** The command terminated before the completion of requested functions.
- IPL FAILED:** The IPL did not complete.
- User Response:** Reissue the command. If the command continues to fail, notify the system operator.
- 175E** **{RESERVED|name}
ALREADY IN USE BY userid**
- Explanation:** The RESERVED operand specified in the SET command cannot be applied to the specified user because that function is already in use by the userid identified in the error message.
- User Response:** For RESERVED turn off the RESERVED operand for the user specified in the error message, and reissue the SET command specifying the new userid for the desired function.
- For name, the VMSAVE area named is in use. Send a message to the other user asking him to release the area or issue the QUERY VMSAVE command to find out if any other areas are available.)
- 176E** **VIRT = REAL AREA IN USE BY userid**
- Explanation:** The UNLOCK VIRT = REAL function could not be executed because the given userid is logged on and occupying the virtual = real area.
- User Response:** Request that the user log off, or force the user to log off, and then reissue the command specifying the virtual = real area.
- 177E** **PARAM EXCEEDS 64 CHARACTERS**
- Explanation:** There are more than 64 characters in the PARAM field being passed to the virtual system by the IPL command.
- User Response:** Reissue the command with no more than 64 characters in the PARAM field.

178E

SYSTEM name EXCEEDS AVAILABLE DASD SPACE

Explanation: The amount of DASD space reserved by the NAMENCP macro is insufficient to contain both the 3704/3705 control program image and the system control information.

User Response: Increase the amount of DASD space reserved by the NAMENCP macro, and reissue the command. Verify that the extra pages required for the system control information were included when the DASD space was assigned.

179E

SYSTEM name VOLID valid NOT CP OWNED

Explanation: The DASD volume specified by SYSVOL in the NAMENCP or NAMESYS macro is currently attached to the VM/SP HPO system, but it is not a CP-owned volume, and therefore is not a valid residence volume for the saved system image.

User Response: Ensure that the correct DASD volid was specified in the NAMENCP or NAMESYS macro in DMKSNT, and that the physical DASD volume mounted is the correct volume. Verify that the specified volid is included in the SYSOWN macro in DMKSYS, and reissue the SAVENCP diagnose or the SAVESYS command.

180E

PER TRACE NOT IN EFFECT

Explanation: The user has tried to perform an operation on a traceset, but no tracesets are defined.

System Action: None.

User Response: Establish a traceset before trying to perform the operation that caused this message to be issued.

180W

TRACE NOT IN EFFECT

Explanation: The TRACE END function has been specified and the TRACE function was not in effect.

User Response: This is a warning message for information only and no further action is required.

181E

SHARED SYSTEM name REPLACED WITH NON-SHARED COPY

Explanation: The virtual machine has issued the CP commands STORE, ADSTOP or TRACE and the address targeted by the command is referencing a shared named system page. The shared named system is released and a replacement of the named system is made with a nonshared copy.

User Response: The virtual machine continues to run but is now running the shared named system in nonshared mode. The user should be aware that total system efficiency decreases as the number of users running with nonshared copies of a shared named system increases. When the user no longer needs his own copy of a nonshared system he should attempt to replace it with a shared copy. In most instances this would mean reload (via IPL) of the shared named system.

- 182E** (reserved for IBM use)
- 182I** **PER TRACE IS ACTIVE**
- Explanation:** 10,000 PER interrupts have occurred without a display to the terminal.
- System Action:** None.
- User Response:** None required.
- 183E** **VM ASSIST NOT ACTIVE**
- Explanation:** A SET ASSIST ON or a SET ASSIST SVC command was issued. However, the operator deactivated the assist feature for the whole machine. On an Attached Processor system, this message indicates that the assist is not active on any processor, unless the user has affinity set on. If the user has affinity set on, then the message describes the state of the assist for the affinity processor only.
- System Action:** The user description is updated to use the assist feature when the operator activates it for the system.
- User Response:** None.
- 184E** **VM ASSIST NOT AVAILABLE {ON PROCESSOR proc xx}**
- Explanation:** A SET ASSIST or a SET SASSIST command was issued but the hardware assist feature is not available on the indicated processor. In an attached processor system, the response with an optional parameter indicates the assist is not available on either processor. The optional parameter is provided for the SET ASSIST command only if the user has affinity set on, and the assist feature is not available on the affinity processor.
- System Action:** If the assist feature is not available on any processor, execution of the command is terminated. If the assist feature is available on the other processor, the user VMBLOK is updated to use the assist feature when the user resets his affinity.
- User Response:** None.
- 185E** **CP ASSIST LEVEL xx DOES NOT MATCH CP LEVEL yy**
- Explanation:** When VM/SP HPO was loaded, a mismatch was detected between the hardware assist level and the software. Errors might result if the CP assist or the extended virtual machine assist feature were used.
- System Action:** CP assist is set unavailable.
- User Response:** Update the processor or software support to an equivalent level.
- 186E** **CP ASSIST NOT AVAILABLE**
- Explanation:** A SET CPASSIST command was issued but Extended Control-Program Support is not available on the processor, or there is a mismatch between the hardware assist level and the software.
- User Response:** None.

187E

TIMER ASSIST NOT AVAILABLE

Explanation: A SET ASSIST TMR command was issued on a processor that does not have Extended Control-Program Support, or on a processor on which virtual machine assist has been temporarily disabled by the operator.

System Action: If the processor does not have this support, no further action is taken. If the support is disabled, the bit VMFVTMR is set, so that if the support is enabled at a later time the timer assist will be used (provided the user has issued SET TIMER ON or SET TIMER REAL and does not have TRACE EXT active).

User Response: None.

188E

SPECIFIED PROCESSOR UNAVAILABLE

Explanation: The processor specified in the command is not online. This message is issued in response to the following commands: SET AFFINITY, SET ASSIST, ATTACH CHANNEL, and DETACH CHANNEL. If the command issued was SET AFFINITY ON, the processor in the user directory entry is not online.

System Action: The command is rejected.

Operator Response: Reissue the command; be sure to specify the address of a processor that is online.

189E

AFFINITY NOT SET; SYSTEM IN UNIPROCESSOR MODE

Explanation: The requested processor is in use. Since only one processor is being used, the requestor is always executed on that processor.

User Response: None.

190I

NO AFFINITY SPECIFIED IN DIRECTORY

Explanation: The SET AFFINITY ON command could not be executed. The user's directory was checked and no affinity specification was found. No affinity was set for the user.

User Response: Reissue the command with an explicit processor address, or update the directory entry for the user to include AFFINITY.

191E

PROCESSOR nn DOES NOT EXIST

Explanation: Numerous attempts were made to bring processor nn online and it was found that processor nn was not available to the system.

System Action: The command is not processed.

Operator Response: Reissue the command with the required processor number.

192E

VARY PROCESSOR COMMAND FAILED

Explanation: A VARY PROCESSOR OFFLINE command was issued and one of the following occurred:

- The system is in uniprocessor mode.
- The processor is not online.
- The processor is the main processor and the channel set switching feature was not installed or did not work.

A VARY PROCESSOR ONLINE command was issued and one of the following occurred:

- The system is not generated for attached processor mode.
- The multiprocessor feature is not installed.
- The system is already in attached processor mode.

System Action: The command is not processed.

Operator Response: None.

193I

PROCESSOR nn ONLINE

Explanation: The specified processor is now online and operational.

System Action: None.

Operator Response: None.

194I

PROCESSOR nn OFFLINE

Explanation: The specified processor is now offline and not being used.

System Action: None.

Operator Response: None.

195A

370E FEATURE UNAVAILABLE ON PROCESSOR nn

Explanation: Processor nn has been varied online. (The system has gone from attached processor mode to uniprocessor mode.) The attached processor does not have the 370E hardware feature.

System Action: The user is placed in console function mode.

User Response: If the 370E feature is needed, a class A user should do the following:

1. Issue the QUERY PROC command to obtain the addresses of the processors online.
2. Set affinity to the processor with the 370E feature (the address appearing first in the QUERY PROC response).
3. Key in "begin" to continue.

All other users should notify the system operator if the 370E feature is still needed. Otherwise, key in "begin" to continue.

196E

SECONDARY USER NOT IN CP DIRECTORY

Explanation: A user who has specified a secondary user logs on but the secondary userid is not in the CP directory.

System Action: Logon continues.

User Response: If valid secondary user is desired, add secondary user to CP directory and logon again.

197E

SECONDARY USER IS NOT AVAILABLE

Explanation: Secondary user is either disconnected or not logged on.

System Action: DISCONNECT continues normally.

User Response: Logon the secondary user if terminal services are required.

198W

LAST PATH TO DEVICE raddr ON PROCESSOR nn

Explanation: A VARY OFFLINE PROCESSOR command has been issued in a multiprocessing configuration; it is being rejected because it would cause the last online path to system-owned device 'raddr' to be lost.

System Action: System continues operation in MP mode.

Operator Response: In order to vary offline processor nn, a path to device 'raddr' from the other processor will have to be brought online.

199E

COMMAND REJECTED; DEVICE raddr PENDING OFFLINE

Explanation: A command has been issued that would cause device 'raddr' to be activated. The device is pending offline due to a VARY OFFLINE PROC command.

System Action: The command is rejected.

Operator Response: Reissue the command, specifying a device that will still be online when the VARY OFFLINE PROC command completes.

200E

VIRT=REAL AREA NOT AVAILABLE; IN USE BY {userid|SYSTEM}

Explanation: The virtual=real (V=R) area is not available to the user logging on because another user (identified in the error message), or the system, already has that area. The user logging on is permitted to run as a virtual machine without the use of the virtual=real area.

User Response: If the priority of the user logging on warrants the use of the V=R area, the user now occupying the area should log off. The user logging on can then get the virtual=real area by LOGOFF and LOGON or by issuing the DEFINE STORAGE nmnknk command. However, if the area is in use by SYSTEM, the V=R area has been unlocked and is unavailable for V=R use until the system is reloaded.

201E

VIRT=REAL AREA NOT AVAILABLE; DAMAGED PAGES

Explanation: The virtual=real area is not available to the user logging on. Machine checks have occurred which identified damaged pages within the V=R area. The user logging on is permitted to run as a standard virtual machine without the use of the virtual=real area.

User Response: Notify the system operator that this message has occurred. The system operator can issue the UNLOCK VIRT=REAL command so that CP can use the area for paging, or he can issue the SHUTDOWN command to allow users with the virtual=real option to reclaim the area.

Note: System support personnel should be notified that machine check record(s) have been recorded that identify the system's hardware malfunction.

202E

VIRT=REAL AREA NOT AVAILABLE; INSUFFICIENT STORAGE

Explanation: The virtual=real area is not available to the user logging on because:

- The virtual=real area was not generated at system generation time, or
- The virtual=real area is not large enough to contain the virtual machine size defined in the directory for the user logging on.

User Response: If the virtual=real area was not generated, no action can be taken. Otherwise, issue the DEFINE STORAGE command to redefine the virtual machine storage size equal to or smaller than the actual virtual=real size that was generated.

203E

V=R AREA REQUIRES IPL BY DEVICE ADDRESS

Explanation: A shared system or one that uses discontinuous saved segments cannot be loaded (via IPL) into a virtual machine running in the virtual=real area.

System Action: None.

User Response: Reissue the IPL command, specifying the address of the device on which a nonshared version of the system resides.

204E

INVALID PAGE(S) SPECIFIED, V=R AREA

Explanation: The user is attempting to use the UNLOCK command to unlock pages that are within the V=R region.

System Action: Execution of the command is terminated.

User Response: Reissue the UNLOCK command with the VIRT=REAL operand or specify pages not within the V=R region.

206E

CANNOT CONNECT TO HOST VIRTUAL MACHINE

Explanation: User attempted to DIAL or LOGON through a logical device to a virtual machine that has created a logical device.

System Action: The command is ignored.

User Response: DIAL or LOGON to a valid virtual machine.

208E

PRT rid NOT ENABLED

Explanation: The resource specified cannot be attached because it is not enabled.

System Action: None.

User Response: Do a 'NET ENABLE resource' or 'NET ENABLE ALL'.

209E

VIRTUAL MACHINE STOPPED VIA SIGP

Explanation: A virtual SIGP STOP was issued to this user's virtual processor.

System Action: The virtual machine is placed in console function mode.

User Response: None.

210E

SWAPAGE CLASS IS DEPENDENT ON SWAP

Explanation: The MONITOR ENABLE command was issued with the SWAPAGE class but without the SWAP class.

System Action: The command is ignored.

User Response: Reissue the MONITOR ENABLE command, and specify both the SWAP and SWAPAGE classes.

211E

MONITOR TAPE IS ALREADY ACTIVE

Explanation: The MONITOR START TAPE command was issued while monitor data collection was already active. The tape may have started automatically according to the SYSMON macro specifications in DMKSYS.

System Action: Processing continues.

User Response: Review the current automatic monitoring specifications in DMKSYS as defined by the SYSMON macro and make sure they still meet your monitoring needs.

212E

MONITOR TAPE IS NOT ACTIVE

Explanation: The MONITOR STOP TAPE command was issued while monitor data collection was not active.

System Action: Processing continues.

User Response: None required.

213E

MONITOR CPTRACE IS ALREADY ACTIVE

Explanation: The MONITOR START CPTRACE command was issued while the internal trace table was already active.

System Action: Processing continues.

User Response: None required.

- 214E** **MONITOR CPTRACE IS NOT ACTIVE**
- Explanation:** The MONITOR STOP CPTRACE command was issued when the internal trace table was not active.
- System Action:** None.
- User Response:** None required.
- 215E** **MONITOR ACTIVE, DASTAP CANNOT BE ENABLED DYNAMICALLY**
- Explanation:** The MONITOR ENABLE command was issued with the DASTAP class when monitor data collection was active.
- System Action:** None.
- User Response:** The DASTAP class cannot be enabled dynamically. If the DASTAP class is required, stop the monitor, enable the DASTAP class, and then restart the monitor. Otherwise, reissue the command without the DASTAP class.
- 216E** **SYSPROF CLASS IS DEPENDENT ON SCHEDULE AND DASTAP**
- Explanation:** The MONITOR ENABLE command was issued with the SYSPROF class, but without the SCHEDULE and DASTAP classes.
- System Action:** None.
- User Response:** Both the SCHEDULE and DASTAP classes must be specified with the SYSPROF class.
- 217E** **MONITOR TAPE NOT STARTED, NO CLASS ENABLED**
- Explanation:** A MONITOR START TAPE command was issued when no classes of data collection were enabled.
- System Action:** The data collection process is not started.
- User Response:** Issue the MONITOR ENABLE command specifying the desired class or classes, and then reissue the MONITOR START TAPE command.
- 218E** **MONITOR NOT STOPPED, OUTSTANDING I/O**
- Explanation:** A MONITOR STOP TAPE command was issued when the data collector was attempting to recover from an I/O error or was handling an end-of-tape condition.
- System Action:** The command is rejected; however, the monitor tape is stopped by the system because of either the tape I/O error or the end-of-tape condition.
- User Response:** None required.

219I

END OF MONITOR TAPE, MONITOR STOPPED BY SYSTEM

Explanation: An end-of-tape condition has occurred on the monitor tape.

System Action: Two tape marks are written, the tape is rewound and unloaded, and the tape drive is released. Data collection stops and all classes are disabled.

Operator Response: If you are not the user who issued the MONITOR command, consult with the person who did. The user may want to mount another tape. If so, reissue the MONITOR ENABLE and MONITOR START TAPE commands.

220I

ERROR ON MONITOR TAPE, MONITOR STOPPED BY SYSTEM

Explanation: An uncorrectable I/O error occurred on tape during data collection.

System Action: An attempt is made to write a tape mark. The tape is released and data collection stops.

Operator Response: If you are not the user who issued the MONITOR START command, consult with the person who did. The user will probably want to mount another tape. If so, reissue the MONITOR ENABLE and MONITOR START TAPE commands.

221E

MONITOR TO SPOOL IS ALREADY ACTIVE

Explanation: A MONITOR START SPOOL command was issued when the monitor was already running. It may have started automatically according to the SYSMON macro specifications in DMKSYS.

System Action: None.

User Response: Review the current automatic monitoring specifications in DMKSYS as defined by the SYSMON macro and make sure that they still meet the daily monitoring needs.

222E

TIME PARAMETER SPECIFIES INVALID TIME

Explanation: A MONITOR TIME command was issued when the specified start or stop time did not conform to the required syntax.

Note: The stop time cannot be later than midnight.

System Action: MONITOR automatic start and stop times remain unchanged.

User Response: Review format of MONITOR TIME command.

223E

START TIME MUST PRECEDE STOP TIME

Explanation: The format of the start and stop times, as issued in a MONITOR TIME command, was correct. However, the start time was not earlier than the stop time.

Note: Stop time cannot be later than midnight.

System Action: Monitor automatic start and stop times remain the same.

User Response: Reissue the command.

224E

LIMIT MUST BE BETWEEN 10 and 50000

Explanation: A MONITOR LIMIT command was issued specifying a spool file maximum record count that was not within the allowed range.

System Action: Monitor automatic spool file record count limit remains unchanged.

User Response: Reissue the command with the correct LIMIT specification.

225E

INVALID MONITOR USERID SPECIFIED, MON NOT ENABLED

Explanation: A MONITOR START SPOOL command was issued using the TO USERID option. However, the specified user was not in the directory.

System Action: The automatic monitoring recipient userid specification is unchanged and the monitor is not enabled.

User Response: Reissue the command using a valid USERID.

226E

FOR VALUE SPANS MIDNIGHT - COMMAND INVALID

Explanation: A MONITOR TIME FOR command was issued specifying a period of data collection that, when added to the current time, will exceed midnight.

System Action: The automatic monitoring start and stop times remain unchanged.

User Response: Reissue the command with a smaller FOR specification, or manually start and stop the monitor as needed.

227E

FOR OPTION INVALID WITH AUTODISK OFF

Explanation: The MONITOR TIME FOR command assumes that automatic monitoring is in effect. (AUTO = YES has been specified in the SYSMON macro or the MONITOR AUTODISK ON command has been issued.)

System Action: The TIME specification is ignored and the automatic monitoring start and stop commands remain unchanged.

User Response: Issue a MONITOR TIME command and reissue the MONITOR TIME FOR command.

228E

FOR OPTION INVALID WITH MONITOR ON

Explanation: If monitoring is currently active, data has already been collected for some time. The MONITOR TIME FOR command in effect says monitoring should be started now and run for the specified time. Therefore, the use of the FOR option when monitoring is already active would give performance data for an unexpected period of time.

System Action: Monitoring status is unchanged.

User Response: Review your monitoring needs and resolve the conflicts in your previous specifications.

229E

MONITOR OUT OF DASD PAGES, IS SHUTTING OFF

Explanation: Monitor cannot continue monitoring due to lack of spool file space where monitor data would be placed.

System Action: Monitor is shut off.

User Response: Free needed spool file space and restart monitor.

229I

USER OF MONITOR DOES NOT EXIST

Explanation: The user of the monitor specified in the SYSMON macro, does not exist on this system.

System Action: The monitor is not automatically started.

User Response: Check the specified userid and start the monitor, using the monitor commands, with the correct userid.

230E

IPL SIO ERROR

Explanation: The START I/O instruction for the initial IPL sequence to the specified device received an unexpected condition code, so the device could not be properly started for the IPL.

User Response: Verify that the device type is valid for an IPL simulation and that no unexpected status conditions exist in the device, and reissue the IPL command.

231E

IPL TIO ERROR

Explanation: The IPL simulator encountered an unexpected condition code when executing a TEST I/O instruction on the specified virtual device.

User Response: Verify that the device is valid for IPL operation and that no unexpected status conditions exist in the device, and reissue the IPL command.

232E

IPL UNIT ERROR; CSW csw SNS sense

Explanation: During the IPL simulation process, the specified IPL device received an I/O interrupt with an unit check condition.

User Response: Examine the CSW and sense bytes to determine the possible cause of the simulation failure. If no equipment checks are present, reissue the IPL command to the specified device.

233E

IPL OVERLAY ERROR

Explanation: The IPL simulator was about to perform a loading sequence that would have overlaid the simulator itself. In this particular case, the IPL simulator cannot function in the specified virtual machine at its current storage size.

User Response: Increase the size of the virtual machine so that the IPL simulator will load in an area where it will not be overlaid. Then reissue the IPL command.

- 234E IPL SENSE ERROR**
- Explanation:** A unit check occurred on the IPL device. A SENSE operation was used to get the sense bytes and an unusual condition occurred.
- User Response:** Verify that the device is not malfunctioning and then reissue the IPL command for the required device.
- 239I PRT raddr DRAINED. POSSIBLE FCB-FORMS MISMATCH**
- Explanation:** The last file printed contained an imbedded LOAD FCB command. When the system FCB is reloaded at the end of the print, the paper may no longer be aligned with the FCB.
- This message is produced only if all of the following conditions are true:
1. The real printer is a 3211-type device.
 2. The printer was started with the CFILEFCB option.
 3. The last print file contained at least one LOAD FCB command.
- System Action:** The printer has been drained.
- User Response:** Correct the forms alignment, if necessary, and reissue the START command.
- 240E PRT raddr, FCB-FORMS MISMATCH, FILEID nnnn {HELD|PURGED}**
- Explanation:** There is a mismatch between the forms control buffer (FCB) and the forms in the 3800 printer.
- System Action:** Printing is held or suspended. The file is held or purged.
- User Response:** If held, specify correct FCB and release the HOLD on the file. If the file is purged, reenter the correct matching information.
- 241E PRT raddr, INVALID LOAD MODULE mmmm SPECIFIED, FILE nnnn {HELD|PURGED}**
- Explanation:** An invalid load module has been specified and the 3800 printer file is either HELD, PURGED, or remains in the same HOLD status it had before printing was attempted.
- System Action:** Printing is held and the file is either held or purged.
- Operator Response:** If HELD was indicated, specify correct load module and release the user HOLD on the given spool file. If either HELD or PURGED was not indicated, the load module specified for the separator page is invalid and remains the same. Specify the correct load module (via the CHARS parameter on the START command) for the separator page.
- 242I PRT raddr (3800) INTERVENTION REQD, STATUS CODE cc**
- Explanation:** This message includes all situations where the operator must intervene in the 3800's operation. These situations include, but are *not* limited to the following:
- End of forms
 - Stacker full

- Toner supply empty
- Replace developer.

All relevant status codes are described in the *3800 Reference Manual*, GA26-1635.

System Action: Printing is suspended.

Operator Response: Correct the printer condition by examining the status code or indicators on the printer. Correct the condition and press the START button on the printer.

243E

FLASH MISSING OR INVALID

Explanation: For 3800 printer operations, the FLASH operand in the CP SPOOL or CHANGE command is missing or invalid.

System Action: None.

User Response: Reissue the command with a valid FLASH specification.

244E

IMAGE LIBRARY MISSING OR INVALID

Explanation: For 3800 printer operations, the IMAGE operand in the START command is missing or invalid.

System Action: None.

User Response: Reissue the command with a valid IMAGE specification.

245E

CHARS MISSING OR INVALID

Explanation: For 3800 printer operations, the CHARS operand in the CP SPOOL, CHANGE, or START command is missing or invalid.

System Action: None.

User Response: Reissue the command with a valid CHARS specification.

246E

FCB MISSING OR INVALID

Explanation: For 3800 printer operations, the forms control buffer (FCB) operand in the CP SPOOL, CHANGE, or START command is missing or invalid.

System Action: None.

User Response: Reissue the command with a valid FCB specification.

247I

3800 NAMED SYSTEM imag3800 CREATED

Explanation: The data has been successfully placed in the specified image library.

System Action: None.

User Response: None.

- 248E** **SPECIFIED IMAGE imag NON-EXISTENT**
- Explanation:** The specified 'image TEXT' file was not found.
- System Action:** None.
- User Response:** Correct the erroneous 'image TEXT' file and reissue the command.
- 249E** **ERROR LOADING IMAGE imag**
- Explanation:** The 'imag TEXT' file caused a LOAD error.
- System Action:** None.
- User Response:** Correct the problem that caused the LOAD error and reissue the command.
- 250E** **370E IS NOT AVAILABLE (ON PROC xx)**
- Explanation:** System/370 Extended feature or the Extended facility is not installed on the processor or the user is not in ECMODE. This message is issued when one of the following occurs:
- The 370E parameter was indicated in the user's directory via an OPTION control statement.
 - A SET S370E ON command was issued.
- System Action:** Normal processing continues.
- User Response:** None.
- 251E** **370E IS NOT ACTIVE**
- Explanation:** The System/370 Extended feature of the Extended facility feature is installed on the processor. However, the 370E feature is not enabled for virtual machines.
- System Action:** The feature is enabled for the virtual machine. However, CP will not support 370E until a SET S370E ON command is issued.
- User Response:** Notify a class A user in order that a SET S370E ON command can be issued.
- 252I** **PRT raddr, FILE nnnn REQUEUED AND HELD**
- Explanation:** This message is preceded by message DMKRSE255I and information from DMKRSE255E must be used by this message.
- System Action:** Printing is suspended.
- Operator Response:** Using the backup page count given in message DMKRSE255I and the size of the files just requeued, determine how much to backspace the current file: use the BACKSPACE command to do this. Also, determine whether or not to replace the requeued files for printing. The BACKSPACE command, with the EOF option, can be used to reprint the end of any requeued file. Issue the CP START command to reinitiate printing operations.

253E

MODIFY MISSING OR INVALID

Explanation: For 3800 printer operations, the MODIFY operand in the CP SPOOL, CHANGE, or PURGE command line is missing or invalid.

System Action: None.

User Response: Reissue the command with a valid MODIFY specification.

254E

ERROR SAVING image 3800 - RC = (rc)

Explanation: An error occurred while saving the named system.

Code	Reason
4	The named system was not found.
8	The named system is currently active.
12	The volume for the named system is not CP-owned.
16	The volid is not mounted.
20	The size of the imagelib being generated is too large for the named system.
24	Paging error occurred while processing this request.

System Action: None.

User Response:

Code	Explanation
4	Use another named system that has been generated.
8	DRAIN any 3800 printers that are using the named system and reissue the command.
12	Check with the installation manager to find out why the volume is not CP-owned.
16	Have the correct volid mounted and reissue the command.
20	Make the image smaller or put it into a larger named system.
24	Check the named system to determine that it is defined in DMKSNT and that the cylinder actually exists on the volume. Also verify, that it has been previously formatted by CP. Reissue the command. If the problem persists, see your IBM support personnel.

255I

PRT raddr, PAGE BUFFER DESTROYED, BACKUP PAGE COUNT = nnnn

Explanation: The page buffer has been destroyed on the 3800 printer.

System Action: Printing is suspended.

Operator Response: See message DMKRSE252I.

- 255W** **370E FEATURE NOW DISABLED**
- Explanation:** A class A user has issued a SET 370E OFF command to disable the 370E feature, or the system operator has varied the processor with the 370E feature offline.
- System Action:** All 370E users will enter console function mode on receipt of the message.
- User Response:** Await availability of the 370E feature. Attempts to continue will result in the user being dispatched without the 370E capability.
- Note:* If the 370E feature is no longer needed, key in "begin" to continue.
- 256E** **INSUFFICIENT VIRTUAL STORAGE**
- Explanation:** The defined virtual storage is insufficient.
- System Action:** None.
- User Response:** Define a larger virtual machine, IPL CMS again and reissue the command.
- 257E** **RESIDUAL BYTE COUNT = nnnnnnnn (HEX)**
- Explanation:** This message is preceded by message DMKNMT254E and is issued when the return code in message DMKNMT254E equals 20.
- System Action:** None.
- User Response:** Either define the named system with a larger byte count or decrease the imagelib byte count.
- 258I** **ALL 3800 DATA CHECKS WILL BE REFLECTED**
- Explanation:** The DATCK option of the CP DEFINE command is used to define a virtual 3800.
- System Action:** None.
- User Response:** None. This message is used to alert the user that a high overhead simulation of virtual 3800 will be used.
- 259E** **SIZE PARAMETERS MISSING OR INVALID**
- Explanation:** The SIZE keyword is specified and the parameters are either not specified or not valid 3800 sizes.
- System Action:** None.
- User Response:** Respecify the SIZE parameters correctly.
- 268E** **XMEM FEATURE NOT AVAILABLE**
- Explanation:** This message is issued in response to a SET S370E ON XMEM command, a SET 370E ON XMEM command, or when XMEM is in a directory entry and Dual Address Space Assist is not available.

System Action: Normal processing continues.

User Response: None.

269E

XMEM FEATURE NOT ACTIVE

Explanation: This message is issued in response to a SET 370E ON XMEM command or when the XMEM option is in a directory entry and the function has not been enabled for the system.

User Response: Notify the class A operator to enter a SET S370E ON XMEM command. Then reissue the SET 370E ON XMEM command.

270E

PRT raddr, TOO MANY WCGM's NEEDED FOR 'CHARS', FILE nnnn {HELD|PURGED}

Explanation: The collection of character arrangement tables specified in the spool file 'CHARS' requires more WCGM's to be loaded than are available for the 3800.

System Action: Printing is held or suspended. The file is held or purged.

User Response: If held, specify correct 'CHARS' and release the HOLD on the file. If the file is purged, reenter the correct information.

273E

DETACH REJ VIRTUAL MACHINE TRACING I/O

Explanation: A DETACH command was issued while the virtual machine was tracing I/O.

System Action: Tracing continues.

User Response: Issue 'TRACE END' and reissue the DETACH.

274E

raddr HAS A MOUNTED VOLUME. MSS ID NOT AVAILABLE TO DEMOUNT IT

Explanation: There is a 3330V volume mounted on the raddr. The MSS communicator is not active and the volume cannot be demounted.

System Action: Processing continues.

User Response: None.

275E

raddr ALREADY SYSVIRT

Explanation: The raddr is already defined as a SYSVIRT 3330V device.

System Action: The status remains unchanged and the processing continues.

User Response: None.

- 276E** **raddr NOT 3330V**
- Explanation:** The DEFINE command was issued and the raddr was not a 3330V volume.
- System Action:** No action is taken and processing continues.
- User Response:** None.
- 277E** **raddr ERROR DEMOUNTING VOLUME**
- Explanation:** CP attempted to demount a 3330V volume, but MSS encountered an error.
- System Action:** The volume is not demounted and processing continues.
- User Response:** None.
- 278E** **DEVICE NOT A DASD**
- Explanation:** The device specified in the DEFINE command is not a valid DASD volume.
- System Action:** Processing continues.
- User Response:** Reissue the DEFINE command with a valid DASD.
- 279E** **DASD NOT A VUA**
- Explanation:** The DASD volume specified in the DEFINE command was not a valid MSS device.
- System Action:** Processing is terminated.
- User Response:** Reissue the DEFINE command with a valid MSS device.
- 280E** **raddr ALREADY VIRTUAL**
- Explanation:** The raddr is already defined as a VIRTUAL feature.
- System Action:** The status remains unchanged and the processing continues.
- User Response:** None.
- 290E** **PMA GUEST GIVEN CONTROL DUE TO CODE cde CP DISABLED WAIT**
- Explanation:** While preparing to load a disabled wait state code in the PSW, VM/SP HPO determined that the V=R user is running with preferred machine assist or preferred machine assist with control switch assist. Due to its configuration, the V=R virtual machine can receive control of the hardware in native mode.
- System Action:** The V=R virtual machine running with preferred machine assist or preferred machine assist with control switch assist receives control in real supervisor state. Once the virtual machine does so, control cannot be passed back to VM.

Operator Response: Shut down MVS and re-IPL VM/SP High Performance Option when convenient.

291E

COMMAND REJECTED; {PMA|SPMODE} CODE

Explanation: If PMA appears in the message text, a V=R user, running with preferred machine assist or preferred machine assist with control switch assist active, issued one of the following commands: SET TIMER, SET ASSIST ON, SET 370E, SET AFFINITY, SET STBYPASS, TRACE, or ADSTOP. The system tried to vary offline the processor on which the virtual machine running with preferred machine assist or preferred machine assist/control switch assist has affinity.

If SPMODE appears in the message text, a V=R user issued one of the following commands while the system was running in single processor mode: TRACE BR, TRACE ALL, or TRACE INSTR.

System Action: The command is rejected. Its execution would adversely affect the V=R processor mode.

User Response: If PMA appears in the message, reset the virtual machine running with preferred machine assist or preferred machine assist with control switch assist. Or, force the virtual machine off the system before reentering the command.

If SPMODE appears in the message, turn off single processor mode by issuing the SPMODE OFF command. Then you can use the ADSTOP, TRACE BR, TRACE ALL, and TRACE INSTR commands.

292E

PMA FEATURE NOT AVAILABLE/ENABLED; RC = rc[-ddd]

Explanation: During a virtual IPL, you specified the PMA (preferred machine assist) option or the PMAV (preferred machine assist with control switch assist) option. A return code (rc) indicates one or more of the following:

rc	Meaning
04	The Preferred Machine Assist environment could not be established for one of these reasons: <ul style="list-style-type: none">• DMKPMA is not in the CP load list• DMKSLC is not in the CP load list• The Preferred Machine Assist feature is not installed on the processor.
08	The virtual machine is running V=V.
12	The PMA parameter option is not specified on the OPTION directory control statement.
16	ECMODE is not set on.
20	The virtual machine has a device that violates one of the PMA restrictions. "ddd" in the message text above designates the device. For information on PMA restrictions, see the <i>VM/SP High Performance Option Planning and System Generation Guide</i> , under "Preferred Machine Assist".
24	The system is running either AP or MP and affinity is not set on.
28	The control switch assist is not installed on the hardware. You IPL'ed with the PMAV option which is available with preferred machine assist with control switch assist.

System Action: The request is not honored.

293E CMD REJECTED; vaddr VIOLATES PMA RESTRICTION

Explanation: Using the LINK, ATTACH, or DEFINE command gives the preferred machine assist user or the preferred machine assist with control switch assist user a device that violates a preferred machine assist restriction. For more information, check the Usage Notes under ATTACH or DEFINE in the *VM/SP HPO Operator's Guide* and under DEFINE or LINK in the *VM/SP HPO CP Command Reference for General Users*. 'vaddr' is the virtual address of the DASD or the type of T-disk, for example, T3330.

System Action: The command is rejected.

User Response: None.

300E SAVE REQUEST BEYOND VIRTUAL MACHINE SIZE

Explanation: When the SAVESYS command was issued, one or more designated saved pages were in the SYSPGNM operand of the NAMESYS macro. These pages are beyond the size of the virtual machine used.

User Response: Check the numbers of the pages designated to be saved in the NAMESYS macro. If they are correct, increase the size of the virtual machine before reissuing the SAVESYS command.

301E REQUESTED FILE IS NOT A CPTRAP FILE

Explanation: The requested file exists, but it is not a CPTRAP file.

System Action: The command is ignored, TRAPRED has not been started.

User Action: Reissue a correct command.

302E I/O ERROR ON 00C - XXXXXXXXXXXX

Explanation: XXXXXXXXXXXX can be one of the following:

DEVICE ADDRESS INVALID
DEVICE TYPE INVALID
DEVICE BUSY, NOT READY, OR REAL
PAGING ERROR ON SPOOL

A condition code 3 was received while attempting a DIAGNOSE X'14' operation (input spool file manipulation) against a reader file: the result of an I/O error, or the reader changed status since TRAPRED was started.

System Action: RC=3
TRAPRED is stopped.

User Action: Error is most likely due to manipulating the reader files after the TRAPRED started.

303E 00C READER FILE NOT LOCATABLE

Explanation: A condition code 2 was encountered while attempting a diagnose X'14' operation (input spool file manipulation) against a reader file.

System Action: The TRAPRED CMS reduction program is stopped.

User Action: The error is likely due to manipulating the reader files after the TRAPRED started.

304E

CPTRAP IS STOPPING, NO INPUT ALLOWED

Explanation: The CPTRAP facility was stopping when a CPTRAP command was received.

System Action: The command line is ignored.

User Action: Wait until CPTRAP has stopped, then begin a new CPTRAP run.

305I

(CPTRAP/TRAPRED) SELECTIVITY RESET

Explanation: A (CPTRAP/TRAPRED) subcommand redefined some existing selectivity for typenum.

System Action: None. The new selectivity is in force.

User Action: None. This message is for information only.

306E

CPTRAP IS ALREADY ACTIVE

Explanation: CPTRAP allows only one user at a time. This message is sent to a second user who attempts to start CPTRAP.

System Action: The command line is ignored.

User Action: Wait until CPTRAP is available.

307I

CPTRAP (CP/VIRTUAL) cccc INTERFACE IGNORED

Explanation: The CPTRAP facility received a CP or virtual machine interface request with the data field outside of either the virtual machine's storage for a VIRTUAL interface request, or the real storage for a CP interface request. The identifier will be CP cccc or VIRTUAL cccc; CP indicates that the in-error interface was from CP and VIRTUAL indicates that the in-error interface was from a virtual machine. The cccc field is the individualizing CODE from the interface parameter list.

System Action: None. CPTRAP continues without the data.

User Action: The data was not included in the file. Start over with the in-error interface corrected.

308I

CPTRAP DATA LOST

Explanation: The CPTRAP facility has lost some data (not added it to the output file) due to the buffers' being full.

System Action: None. CPTRAP continues without the data.

User Action: Results are unreliable, this file may not have the information you want. Start over with greater selectivity of input.

309E

OPERAND IGNORED SELECT TABLE FULL

Explanation: The select table can expand to allow 400 entries. This request is the 401st; it is not accepted.

System Action: The preceding operands are accepted, but not the in-error operand or any following operands.

User Action: Either do not add any more selectivity, or delete some and then add more selectivity.

310E

DATE date INVALID; NOT CHANGED

Explanation: The system date in CP low storage contains invalid data and hence cannot be updated for the midnight date change. The invalid date indicates a possible software system failure since the date is automatically set by the system initialization routine.

System Action: The date in low storage is not changed; however, the day of the week is changed and the clocks are set to change the date at midnight in 24 hours.

Operator Response: Contact the system programmer at once. Careful use of the STCP command can correct the date set in storage. Notify IBM software support personnel of the problem and supply a dump of CP storage if possible.

311E

MAXIMUM NUMBER OF TRACE ELEMENTS EXCEEDED

Explanation: The processing of this PER command would cause more than 255 trace elements to exist for this user. This message will be issued if the intermediate processing of the trace elements would require more than 255 trace elements to exist even if the end result would be less than 255 elements.

System Action: The command is not processed.

User Response: Turn off some of the existing trace elements and reissue the command.

312E

MORE THAN {8 RANGES|1 PASS|1 STEP} SPECIFIED ON A COMMAND LINE

Explanation: More RANGE, PASS, or STEP options than are allowed have been specified on a single PER command line.

System Action: The command is not processed.

User Response: Reenter the command line with a valid number of RANGE, PASS, or STEP options.

313E

PER FAILURE - CODE n

Explanation: One or more of the control blocks needed for PER can no longer be found.

System Action: This message is sent to the user. PER TRACE for the user is ended. As many PER control blocks as possible will be released. The values for the PER codes are as follows:

Code	Meaning
1	Invalid PEXBLOK
2	Missing register save area
3	Missing PERBLOK
4	Missing PEXBLOK
5	Missing TRACEBACK table

User Response: No user error is involved. You can reissue PER commands, but all previous tracesets are lost.

314W

PER FAILURE - CODE n USERID = userid

Explanation: This message is issued to the operator to indicate that some of the storage used for the PER control blocks cannot be returned to the system because the pointers to those control blocks have been lost. This storage is lost to the system until the system is re-IPLed.

System Action: The PER trace for the user involved is ended. As many PER control blocks as possible will be released. The values for the PER codes (n) are as follows:

Code	Meaning
1	Invalid PEXBLOK
2	Missing register save area
3	Missing PERBLOK
4	Missing PEXBLOK
5	Missing TRACEBACK table

Operator Response: Contact system support personnel.

320E

SUBSYSTEM PROCESSING ERROR - FAULT CODE = code - raddr

Explanation: An internal processing error occurred during a subsystem storage operation and the microcode is unable to determine the cause of the failure. 'code' is the hardware problem description code, and 'raddr' is the real address of the device to which an SIO (START I/O instruction) was issued at the time of the error.

System Action: Processing continues.

Operator Response: Record the fault code and the 'raddr' value. If the error persists, contact system support personnel.

321E

SUBSYSTEM STORAGE EQUIPMENT CHECK - FAULT CODE = code - raddr

Explanation: The processor received an equipment check from subsystem storage on a subsystem storage operation. 'code' is the hardware problem description code, and 'raddr' is the real address of the device to which an SIO (START I/O instruction) was issued at the time of the error.

System Action: Processing continues, but an abend may occur in the near future.

Operator Response: Perform a system IPL. This should recover the system and allow you to defer maintenance to a later time. If your attempt to recover the system is not successful, reconfigure the system by moving paging data to another subsystem.

322E SUBSYSTEM STORAGE AVAILABILITY THRESHOLD CROSSED - raddr

Explanation: The amount of storage space which is available to the cache has been reduced to one of the reporting boundaries.

System Action: Processing continues.

Operator Response: Schedule maintenance of the storage subsystem.

323E SUBSYSTEM STORAGE IS UNUSABLE - FAULT CODE = code - raddr

Explanation: Subsystem storage is unusable due to previously reported failures of a device or of subsystem storage. 'code' is the hardware problem description code, and 'raddr' is the real address of the device to which an SIO (START I/O instruction) was issued at the time of the error.

System Action: Processing continues.

Operator Response: Record the fault code and the 'raddr' value. If the error persists, contact system support personnel.

324E SUBSYSTEM MUST BE INITIALIZED - FAULT CODE = code - raddr

Explanation: An error occurred during a subsystem storage operation on the 3880 Model 21 control unit. Data in the cache may be invalid. 'code' is the hardware problem description code, and 'raddr' is the real address of the device to which an SIO (START I/O instruction) was issued at the time of the error.

System Action: The system terminates I/O processing for this request by taking a DAS001 abend.

Operator Response: Reinitialize subsystem storage. If the problem persists, reconfigure the paging volumes to another cache and notify system support personnel of the problem.

325E STORAGE DIRECTOR COMMUNICATION FAILURE - FAULT CODE = code - raddr

Explanation: The 3880 Model 21 storage directors cannot communicate due to a controller or storage director failure. 'code' is the hardware problem description code, and 'raddr' is the real address of the device to which an SIO (START I/O instruction) was issued at the time of the error.

System Action: Processing continues.

Operator Response: Record the fault code and the 'raddr' value. Retry the operation that caused the failure. If the error persists, contact system support personnel.

326E

TRACE FORMAT NOT SUPPORTED FOR PAGING DEVICE raddr - raddr

Explanation: The paging storage director attempted a cache to DASD data transfer and discovered a track format that is not supported for paging mode.

System Action: Processing continues.

Operator Response: Inform your system programmer of the unsupported track format.

327A

raddr INTERVENTION REQUIRED - SET READ, R/W SWITCH TO R/W

Explanation: A cache to DASD data transfer failed because the write inhibit switch was in the read only position.

System Action: Processing continues.

Operator Response: Place the switch in the read/write position.

328E

raddr1 raddr2 raddr3 raddr4 IMPROPERLY GENNED ; VARIED OFFLINE

Explanation: You attempted to IPL or VARY ON a device genned as a 3880-11 or 3880-21 but the device does not match the device type returned by the hardware.

System Action: The device is varied offline.

User Response: Examine the value you coded for DEVTYPE in the RDEVICE macro. Make sure this value is 3350P for the 3880 Model 11 or 3351P for the 3880 Model 21. If you coded the macro correctly and the associated device is a 3880-11/3880-21 you probably have a hardware problem. Call system support personnel for assistance.

329E

raddr IMPROPERLY GENNED, DEVICE CANNOT BE USED AS SYSOWN

Explanation: The DEVTYPE operand in the RDEVICE macro of DMKRIO does not match the actual device type value obtained from an RDC CCW.

System Action: System operation continues, but the device is rejected for system use.

Operator Response: To use the device as SYSOWN, correct the DEVTYPE operand in the RDEVICE macro so that it matches the actual device type. Then rebuild the CP nucleus and re-IPL.

330I

MISMATCHED DEVICE TYPES AT ADDRESS raddr

Explanation: The DEVTYPE operand in the RDEVICE macro of DMKRIO does not match the actual device type value obtained from an RDC CCW.

System Action: System operation continues with the device online.

Operator Response: None.

340I AREA TYPE type TRUNCATED FOR CP OWNED VOLUME valid

Explanation: The system has truncated or possibly split into multiple areas an allocation area of the specified type for the given CP-owned volume. The 'type' can be 'SWAP', 'PAGE', 'SPOOL', or 'DUMP'. This condition can reduce the effectiveness of the system paging allocation and deallocation algorithms.

System Action: Processing continues.

Operator Response: No action is immediately required. However, you should ensure that the volume allocation and SYSPAG macro specifications are coded correctly.

341I AREA TYPE type DEFAULTED FOR CP OWNED VOLUME valid

Explanation: The system has assigned the type allocated by DMKFMT to a DASD area on the indicated CP-owned volume. The 'type' can be 'PAGE', 'SPOOL', or 'DUMP'.

System Action: Processing continues.

Operator Response: No action is immediately required. However, you should ensure that the allocation specifications on the SYSPAG macro and the CP-owned volume are coded correctly.

342W SPOOL FILE EXISTS IN PAGE AREA FOR CP OWNED VOLUME valid

Explanation: Spool file or CP dump file pages exist in an area or areas on the specified volume defined for paging only.

System Action: The cylinders containing the spool file pages are marked as allocated and will not be used for paging. This condition can occur when the SYSPAG macros in DMKSYS are defined or redefined and the SYSPAG macros map types SW, PP, PG, or PM to cylinders that DMKFMT allocated as TEMP.

Operator Response: On a subsequent IPL of the system, process enough spool files to free these cylinders for paging use.

343W SWSIZE TOO LARGE FOR CP OWNED VOLUME valid

Explanation: The swap set size (SWSIZE) specified in DMKSYS is larger than the cylinder capacity of the specified volume.

System Action: If this message is issued at system IPL or following an ATTACH of a CP-owned volume, the system will not use the areas specified as swap (TYPE = SW) in DMKSYS as swap areas but will use these areas as the type specified in the DMKFMT allocation. For an explanation of these allocation default values, see the discussion of the SYSPAG macro in the *VM/SP HPO Planning Guide and Reference*.

Operator Response: No action is immediately required. However, you should check the SYSPAG macros in DMKSYS that define swap set areas as well as SWSIZE to see if they were specified correctly.

344W

CP OWNED VOLUME valid INVALID TYPE

Explanation: The system does not recognize the specified volume as a valid DASD type that CP supports as a CP-owned volume.

System Action: Processing continues, but the device is not used for paging, spooling, or as a t-disk.

Operator Response: No action is immediately required. However, you should check the RDEVICE and SYSOWN macros to see if they have been specified correctly. Also, verify the DMKFMT formatted and allocated the device correctly.

350W

DASD raddr VOLID NOT valid

Explanation: The volume label on the pack mounted on drive raddr does not agree with the volume label specified during system generation.

System Action: The system enters a wait state (wait state code = 010).

User Response: Check the SYSRES macro in module DMKSYS to ensure that the disk address and volume label specified are valid.

Operator Response: Ensure that the correct volume is mounted on disk drive raddr and present an external interrupt to initiate a retry of the operation.

351W

DASD raddr NOT READY

Explanation: The disk drive specified by raddr is not ready. Disk raddr was specified as the SYSRES device in the SYSRES macro in module DMKSYS.

System Action: The system enters a wait state (wait state code = 010).

Operator Response: Make the device ready and present an external interrupt to initiate a retry of the operation.

352W

FATAL DASD I/O ERROR

Explanation: The system nucleus cannot be written. Probable causes are:

- The disk pack is not formatted properly.
- The disk pack is defective.
- A disk hardware error has occurred.
- The disk is in read-only mode.

System Action: The system enters a wait state (wait state code = 011).

Operator Response: Use the FORMAT program to reformat the pack. Attempt to do a new system load. If the trouble persists, try another pack on a different drive. If the trouble still persists, call IBM for hardware support. Obtain the contents of general registers 0, 1, 3, 4, 5, 11, 13, 14, and 15.

353W

SYSRES DEVICE TYPE INVALID

Explanation: The device type specified in the SYSRES macro in module DMKSYS is not valid for system residence.

System Action: The system enters a wait state (wait state code = 011).

User Response: Verify that the operands specified in the SYSRES macro in module DMKSYS define valid system residence device characteristics.

400I

SYSTEM {TEMP SPACE|CHECKPOINT AREA} FULL

Explanation: All temporary disk cylinders (TEMP SPACE) are in use. All checkpoint space (CHECKPOINT AREA) is in use.

System Action: When paging is required, the system will first examine the preferred paging area. If the preferred paging area is full, the system will use TEMP SPACE. If TEMP SPACE is full, the system may be unable to continue, and you may have to IPL again. If the request is for spooling space, the system attempts to continue but performance is severely degraded. If temporary disk space becomes full while putting VMDUMP pages out to temporary space, the dump is purged.

If the checkpoint area is full, the system continues without checkpointing. Users attempting to create spool files will have their virtual spooling device made "not ready".

User Response: If the message resulted from processing a VMDUMP command, purge unwanted dumps on the user reader queue and retry. If still unsuccessful, request the system programmer to free temporary disk space.

Operator Response: Review temporary and page space allocations. Review system usage and take steps to reduce the system load. Spool files should be reviewed. Additional printers may be started to reduce print spool backlog; if a reader backlog exists, users should be requested to read their files. In addition, you may be able to determine other spool files that can be selectively purged. SPTAPE can be used to dump and restore spool files and thus reduce the system load. Logging off inactive users reduces temporary disk space usage.

401I

SYSTEM {TEMP SPACE|CHECKPOINT AREA} 90 PERCENT FULL

Explanation: Ninety percent of all temporary disk cylinders (TEMP SPACE) are in use. Ninety percent of all checkpoint space (CHECKPOINT AREA) is in use.

System Action: System operation continues.

Operator Response: Review system usage and take steps to reduce the system load. Spool files should be reviewed. Additional printers may be started to reduce print spool backlog. If a reader backlog exists, users should be requested to read their files. In addition, you may be able to determine other spool files that can be selectively purged. Logging off inactive users reduces space usage.

410W

CP ENTERED; PAGING ERROR

Explanation: An I/O error occurred during paging or swapping. A hardware error is probable.

System Action: System operation continues. The virtual machine enters CP command mode. If the virtual machine was running disconnected, it is logged off the system.

User Response: Reload the virtual system to continue. If the problem persists, notify the system operator.

411W

CP ENTERED; TRANSLATION EXCEPTION; WHILE IN NON-EC MODE

Explanation: While running a EC mode virtual machine, a translation exception occurred. Probable CP error.

System Action: System operation continues. The virtual machine enters CP command mode. If the virtual machine was running disconnected, it is logged off the system.

User Response: Reload the virtual system to continue. If the problem persists, notify IBM support personnel.

415E

CONTINUOUS PAGING ERRORS FROM DASD xxx

Explanation: Unrecoverable errors are being received from the paging device (xxx). This condition is caused by failure of either the paging volume or the paging device. This condition can occur if the paging volume has not been formatted properly.

System Action: The system enters a disabled wait state (wait state code = 00F).

Operator Response: Try to determine whether the errors are being caused by the paging device or by the paging volume. If the device is failing, disable it and reload (via IPL) the system; call IBM for hardware support. If the volume is failing, try reformatting it. If the error condition recurs, discontinue using that volume and call your system support personnel.

424E

RDR FILE SPOOL ERROR; FILE UNCHANGED

Explanation: A paging I/O error occurred while reading or writing a spool file record on a CP spooling device, for the purpose of querying or updating TAG information associated with that spool file.

System Action: If the error was encountered while reading, no change has resulted from the user's previous TAG command. If the error was encountered while writing, the results are unpredictable.

User Response: Reissue the command. If the problem persists, regenerate the spool file that is in error or call your system support personnel.

425A

PUN raddr ACCOUNTING DATA; FATAL I/O ERROR

Explanation: An unrecoverable input/output error occurred on the card punch at real address raddr. Accounting data was saved.

System Action: The failing device is varied offline and system operation continues.

Operator Response: Vary the device raddr online and restart the punch. If the problem persists, contact IBM for hardware support.

425E

I/O ERROR ON SPOOL DEVICE DURING ACCOUNTING

Explanation: A spooling I/O error occurred while the system was writing accounting data to the spooling device.

System Action: If the accounting spool file has been previously checkpointed, the file is closed and a new file started. Otherwise, the file is written using a different spool page.

User Response: The closed accounting spool file should be processed. If the I/O error persists, call your system support personnel.

426E

{RDR|TAPE} raddr SPOOL SPACE FULL; FILE PURGED

Explanation: System input spooling space for the reader or tape at real device address raddr is full.

System Action: The file just read is purged and system operation continues.

Operator Response: Review system usage and take steps to reduce the system load. Inactive users should be logged off the system. Spool files should be reviewed. Additional printers may be started to reduce print spool backlog. If a reader backlog exists, request that users read their files. In addition, you may be able to determine other spool files that can be selectively purged. After reducing spool file usage, read the file again.

427I

{CON|PRT|PUN} vaddr SYSTEM SPOOL SPACE FULL; FILE CLOSED

Explanation: System spooling space on the device at virtual device address vaddr is full. If the message refers to the console, the console spool file has been closed. If it refers to the printer or punch, the printer or punch output file has been closed.

System Action: If the console spool file is closed, virtual console spooling stops. The virtual machine continues to execute but without console spooling.

If the printer or punch output file is closed, an intervention-required unit check condition is returned to the virtual machine, the virtual device is made not ready, and the system continues.

User Response: Inform the system operator. An attempt must be made to reduce the paging and spooling load on the system as soon as possible. When spool space is available, issue the SPOOL CONSOLE START command to resume console spooling, or issue the READY command to resume printer or punch spooling.

428E

{PRT|PUN|RDR|TAPE} raddr SPOOL ERROR; FILE {HELD|PURGED}

Explanation: A paging I/O error occurred on the device at real address raddr. This message indicates a DASD error if DMKSPS issues this message while dumping or loading spool files to or from tape.

System Action: If the file that was being processed at the time the I/O error occurred is a printer or punch file, the file is put in HOLD status and system operation continues.

If the file is a reader file, it is purged.

Operator Response: If the file is a printer or punch file, try to print or punch it again when spooling activity on the printer or punch is low. The system operator must first take the file out of HOLD status.

If the file is a reader file, reload the file in the reader and retry.

If the file is a tape file, reposition the tape and reissue the command.

If the problem persists, call your system support personnel.

429I

{CON|PRT|PUN|RDR} vaddr SPOOL ERROR; FILE {HELD|PURGED}

Explanation: A paging I/O error occurred on the device at virtual address vaddr.

System Action: If it is a console spool file error, virtual console spooling stops. The virtual machine continues to execute but without console spooling.

If it is a printer or punch spool file error, a unit check condition is sent to the virtual machine to stop the write operation, the file is purged, and the virtual device is made not ready.

If it is a reader file spool error, a unit check condition is sent to the virtual machine to stop the read operation. The file is held. System operation then continues.

User Response: For a console file, issue a SPOOL CONSOLE START command and retry the output operation. After ten unsuccessful retries, the entire opened spool file is purged.

For a printer or punch file, issue the READY command to the virtual device and retry the output operation.

For a reader file, try again to read the file.

In any case, if the problem persists, inform the system operator of the incident. The error is probably due to a hardware malfunction. The system operator may advise you to purge the file or may decide to turn the machine over to your system support personnel, depending on the impact of the problem.

430A

{PRT|PUN} raddr FATAL I/O ERROR; NOW OFFLINE, FILE HELD

Explanation: An unrecoverable I/O error occurred on the printer or punch device at real address raddr.

System Action: The failing device is varied offline, the file being processed is put in hold status, and system operation continues.

Operator Response: Vary the device raddr online and restart. To process the file that failed, take the file out of hold status. If the problem persists, call your system support personnel.

431A

RDR raddr ID CARD MISSING OR INVALID

Explanation: The card just read in the reader at real device address raddr was not a valid ID card. Two formats are acceptable:

- ID userid
- USERID userid

Separator or blank cards are accepted before an ID card; any other card preceding the ID card is invalid.

Operator Response: Run out the cards in reader raddr, correct the ID card error, and make the reader ready with the corrected deck in the hopper.

432A

RDR raddr ID CARD; userid NOT IN CP DIRECTORY

Explanation: The 'userid' specified on an ID card in the reader at real device address raddr is not in the directory.

System Action: System operation continues.

Operator Response: Run out the cards in reader raddr, correct the ID card error, and make the reader ready with the corrected deck in the hopper.

If the ID card appears valid, check with the system programmer to determine why the userid does not exist in the directory.

433A

RDR raddr ID CARD; INVALID DATA - data

Explanation: The class specified on the ID card in the reader at real device address raddr is incorrect or the name specified is invalid. The 'data' is the information in error on the ID card. If a class is specified, it must be one character, A through Z or 0 through 9. If no class is specified, the default is A. If a name is specified, it must be a 1- to 8-character filename and a 1- to 8-character filetype, or a 1- to 24-character data set name. The fields of the ID card are free form as follows:

ID userid.. CLASS n NAME filename filetype

System Action: System operation continues.

Operator Response: Run out the cards in reader raddr, correct the ID card error, and make the reader ready with the corrected deck in the hopper.

434A

RDR raddr FATAL I/O ERROR; FILE PURGED

Explanation: An unrecoverable I/O error was encountered on the reader at real device address raddr. The input file was purged.

System Action: System operation continues.

Operator Response: Run out the cards in reader raddr, make sure the first card is a valid ID card, and make the reader ready.

If the problem persists, call your system support personnel.

435E

PAGING ERROR WRITING SAVED SYSTEM

Explanation: A paging error occurred while the system to be saved or the 3704/3705 control program to be saved was read from or written to a DASD volume. The message is also displayed for Paging Storage if a PGIN instruction results in a nonzero condition code. This condition code occurs only during VMSAVE processing when a page residing in Paging Storage is paged in before being written to DASD.

System Action: Execution of the command terminates. The system or control program image is not saved.

User Response: Make sure you entered the correct commands. For example, "IPL xxx", then "SAVESYS CMS", where "xxx" is the three-digit virtual address of the disk that contains the CMS system you created.

Try the command again; the situation causing the error may have been temporary. If the problem recurs, check the DASD space allocated to receive the saved system or control program image. This space must be formatted with the CP format program DMKFMT and allocated as PERM space.

436E

INTERRUPT PENDING. TO PROCEED, TYPE YES. TO END, TYPE NO.

Explanation: In processing the SAVESYS command, the system detected that an I/O interrupt is pending.

System Action: If you enter YES, the SAVESYS command continues to save the system but the pending I/O interrupt(s) are lost. If you enter NO, SAVESYS processing terminates.

User Response: Enter YES or NO.

437E

SYSTEM PAGING SPACE NOT AVAILABLE, IPL TERMINATED

Explanation: The IPL command attempted to get a DASD page but none was available.

System Action: The command is terminated.

User Response: Verify that the proper volumes required for paging and spooling are mounted. Reissue the command.

438E

DEVICE IS NOT AVAILABLE FOR ATTACH

Explanation: The control program has determined that the device is offline, already dedicated, selected for MSS mount, has minidisk allocated, or volume is already attached to the system.

System Action: The control program command that initiated the MSS request will produce a message to indicate the eventual result of the MSS error.

User Response: Contact the system operator to ensure that action is underway to correct the MSS error. Reissue the command when the error has been corrected.

439I

SPOOL FILE ID LIMIT EXCEEDED

Explanation: All the unique spool file ID's in the system are assigned. The maximum amount of unique spool file IDs is the lesser of either the 9900 system limit or when all the checkpoint slots are taken. For example, if the checkpoint cylinder number is equal to one (1) for a 3330, there are slightly less than 2000 unique spool file IDs available.

System Action: Checkpointing continues but no spool files are created. Users attempting to create spool files will have their spooling device made "not ready".

Operator Response: Purge or process existing spool and warn users not to create spool files.

441E

NOT ACCEPTED. PREVIOUS BACKSPACE STILL BEING PROCESSED

Explanation: A BACKSPAC command has been entered for a specific unit record output device before the previous BACKSPAC command for the same device has finished.

System Action: The command is ignored.

User Response: Wait for a few seconds and reissue the BACKSPAC command.

442I

PAGING STORAGE FOR {SWAPPING|PAGING} = nnk PAGES; mmm% ARE NOT USABLE

Explanation: This message shows how the system has allocated paging storage. This message is issued twice at system initialization even if your installation does not have a paging storage device.

nn is the total number of paging storage increments (in units of 1024 pages) allocated for swapping (SW) or preferred paging (PP).

mmm represents the percent of unusable nnK pages. This percent includes any paging-storage pages or increments that are reserved for machine-storage areas.

System Action: System operation continues.

Operator Response: If the percentage of unusable pages is larger than an installation-dependent maximum, notify your system support personnel of a possible paging storage hardware problem.

443I

PAGING STORAGE INCREMENT nn IS NOT USABLE

Explanation: The system has detected an unusable paging storage increment. This is a hardware error.

nn is the increment number (0-63) of the unusable paging storage increment.

System Action: Processing continues.

Operator Response: Contact system support personnel.

444I

nn ADDITIONAL PAGING STORAGE INCREMENTS ARE NOT USABLE

Explanation: The system has detected an unusable paging storage increment. This is a hardware error. Message DMKPST443I is issued four times prior to this message.

nn is the number of unusable paging storage increments less four.

System Action: Processing continues.

Operator Response: Contact system support personnel immediately.

450W

CP ENTERED; DISABLED WAIT PSW 'psw'

Explanation: The virtual machine loaded a disabled wait PSW, identified by 'psw'.

System Action: System operation continues. The virtual machine enters console function mode. If the virtual machine was running disconnected, it is logged off the system.

Programmer Response: Examine the PSW portion of the message. Ensure that the program running in the virtual machine has a valid LPSW halt. If not, determine why the PSW loaded was not masked for interrupts.

User Response: IPL the virtual system again to continue.

452W

CP ENTERED; EXTERNAL INTERRUPT LOOP

Explanation: The user's virtual machine external new PSW is enabled for an interrupt condition that will not be cleared upon acceptance. It is possible to receive an interrupt condition from the CPU Timer and the TOD Clock Comparator that produces this loop.

System Action: System operation continues. The virtual machine enters CP command mode. If the virtual machine was running disconnected, it is logged off the system.

Programmer Response: Determine why the external interrupt new PSW is enabled for an interrupt condition that will not be cleared upon acceptance (that is, the Timer is not expected to contain a negative value).

User Response: IPL the virtual system again to continue.

453W

CP ENTERED; PROGRAM INTERRUPT LOOP

Explanation: A program interrupt occurred at the address specified in the virtual program new PSW while the virtual machine was in basic control mode.

System Action: System operation continues. The program interrupt is reflected to the virtual machine and the virtual machine enters console function mode. If the virtual machine was running disconnected, it is logged off the system.

Programmer Response: Determine the cause of the program interrupt and ensure that the program new PSW is valid.

User Response: Restart the virtual system via the BEGIN command, or reissue the IPL command to continue.

454I

{LINE raddr|DEV rid} DISABLED

Explanation: The line or device has been disabled due to a permanent I/O error, or the operator issued a command that disabled the line.

System Action: System operation continues.

Operator Response: If the message was issued due to a permanent I/O error on the line, to reactivate the line issue the ENABLE or NETWORK command. You may have to issue the VARY ONLINE command for some device types before CP will accept the ENABLE command.

455I

LINE raddr NOT OPERATIONAL; text

Explanation: Condition code 3 (NOT OPERATIONAL) was received when a START I/O was issued to line 'addr'.

System Action: System operation continues.

Operator Response: For CC=3, verify that the terminal control unit or transmission control unit is enabled for use. If the control unit is properly enabled, but trouble persists, call your system support personnel. For command reject, a command was issued to an unassigned subchannel for 3705.

456W

CP ENTERED; name - SHARED PAGE hexloc ALTERED

Explanation: The named system has been altered by the virtual machine. The hexloc is the first changed page detected by the control program. The changed page will be returned to free storage. No other users on the system are affected by this error.

User Response: The user may continue by entering the CP command BEGIN. The virtual machine is now operating in nonshared mode.

457E

TERMINAL SCRNSAVE UNSUCCESSFUL

Explanation: TERMINAL CONMODE 3270 SCRNSAVE ON was specified, but the terminal screen could not be completely read into a 40K buffer.

System Action: The screen is not saved. CP mode is entered.

User Response: Notify your system programmer.

460E

CTLR raddr {LOAD|DUMP} FAILED: PROGRAM CHECK

Explanation: During execution of the loader or dump bootstrap routines in the 3704/3705, a 3704/3705 program check occurred, setting the 'IPL Required' sense bit.

User Response: Reissue the command. If the error persists, notify the system programmer of a possible 3704/3705 problem.

461R

CTLR raddr IPL NOT REQUIRED; ENTER 'YES' TO CONTINUE:

Explanation: A NETWORK LOAD command or a NETWORK DUMP command was issued for a 3704/3705 that was not in the 'IPL Required' state.

User Response: Reply YES to continue the load or dump process. Any other response causes immediate command termination.

462I

CTLR raddr UNIT CHECK; IPL REQUIRED

Explanation: The 3704 or 3705 at real address raddr has requested a dump or reload by presenting a unit check to the host processor, and the automatic dump and restart facility is currently off.

Operator Response: If the 3704/3705 was active before the failure, issue the NETWORK DUMP command with the IMMED operand to obtain documentation of the failure. Use the NETWORK LOAD command to reload the 3704/3705 with an appropriate 3704/3705 control program. The CMS service program NCPDUMP should be used to print the dump file created by NETWORK DUMP.

463I

CTLR raddr UNIT CHECK; RESTART IN PROGRESS

Explanation: The 3704/3705 at real address raddr has requested a dump or reload by presenting a unit check to the host processor, and the automatic dump/restart facility has been initiated.

System Action: If the 3704/3705 was active before the failure, a dump is taken automatically. The 3704/3705 is reloaded (or loaded). Any previously enabled lines or resources are automatically reenabled.

Operator Response: Use the CMS service program NCPDUMP to format and print the 3704/3705 dump if one was created.

When a 3704/3705 Emulation Program is automatically reloaded after a 3704/3705 failure, the system may loop after the restart. The reissuance of this message and the two responses:

CTLR raddr DUMP COMPLETE

CTLR raddr ncpname LOAD COMPLETE

indicate that the 3704/3705 has been reloaded. If the system loops after the second response, you must reset all emulator lines from the 3704/3705 control panel. The *IBM 3704 Control Panel Guide*, Order No. GA27-3086, and the *IBM 3705 Control Panel Guide*, Order No. GA27-3087, describe the procedure for resetting emulator lines from the 3704/3705 control panel.

- 464I** **CTLR raddr CC = 3; DEPRESS 370X "LOAD" BUTTON**
- Explanation:** The 3704 or 3705 at real address raddr has entered the "Hard Stop" condition, indicating a 3704/3705 hardware or software failure.
- System Action:** None.
- Operator Response:** Press the LOAD button on the 3704/3705 control panel. This permits execution of the normal VM/SP HPO recovery mechanism.
- 465W** **CTLR raddr EMULATOR LINES IN USE BY SYSTEM**
- Explanation:** raddr is the real address of the 3704/3705. The operator dedicated the native address of a 3704/3705 running a PEP system, and one or more of the EP lines is in use by VM/SP HPO.
- System Action:** The ATTACH command is completed; processing continues.
- Operator Response:** None. This message is a warning that the EP lines in use may be affected by the virtual machine to which the 3704/3705 was dedicated.
- 466I** **CTLR raddr IN BUFFER SLOWDOWN MODE**
- Explanation:** This message is issued in addition to the response to a QUERY command if the 3704/3705 control program has entered buffer slowdown mode. Buffer slowdown mode is entered if the 3704/3705 control program has less than 12-1/2 percent of its buffers available, indicating a temporary overload.
- System Action:** Processing continues.
- User Response:** None is necessary; however, if this situation occurs frequently, the storage requirements of the 3704/3705 configuration should be reexamined.
- 468I** **CTLR raddr COMMUNICATIONS SCANNER FAILURE**
- Explanation:** During NCP initialization the scanner did not properly enable. The device is left in a non-ready state.
- System Action:** Processing continues.
- 469E** **CTLR raddr {LOAD|DUMP} FAILED: TEMP SPACE NOT AVAILABLE**
- Explanation:** There was not enough temporary space available on the CP system packs to satisfy the spool space request for the 3704/3705 dump processor.
- User Response:** Ensure that enough temporary CP spool space is available and reissue the DUMP command.
- 470E** **CTLR raddr {LOAD|DUMP} FAILED: PAGING I/O ERROR**
- Explanation:** An unrecoverable I/O error occurred while reading the page-format image of the 3704/3705 control program (LOAD), or while writing the dump spool file (DUMP) onto a system volume.
- User Response:** Notify the system programmer of a possible error on CP paging packs or DASD device. Reissue the command.

471E

CTLR raddr {LOAD|DUMP} FAILED: UNRECOVERABLE I/O ERROR

Explanation: During execution of NETWORK LOAD or NETWORK DUMP, a unrecoverable I/O error occurred on the 3704/3705 channel adapter.

User Response: Reissue the command. If the error persists, notify the system programmer of a possible problem with the 3704/3705 control unit.

475I

FATAL I/O ERROR TRYING TO READ DIRECTORY

Explanation: The current system directory could not be read because of an unrecoverable input/output error.

System Action: The system tries to continue.

Operator Response: If the failure occurs during normal operation, use the CMS DIRECT command from any class A, B, or C user with write access to the directory volume to swap the currently active directory. If the problem persists, or if it occurs at IPL time, try to rewrite the directory as soon as possible using the Directory program (DMKDIR). If the failure still exists after rewriting the directory, the area may have to be reformatted using the Format/Allocate program (DMKFMT).

The error recording area on SYSRES will contain information on the unrecoverable read errors.

500I

**type raddr devname CMD REJECT CMD= cm SNS= sense CSW= csw
USERID= userid [{BBCCHH= bbcchh|BLOCK= nnnnnn}]**

Explanation: An error recovery routine found an unrecoverable command reject I/O error. The "type" in the message indicates which error recovery routine it was:

Type	Error Recovery Routine
LINE	line
CONS,GRAF	terminal
DASD	disk
PRT,PUN,RDR	spooling
TAPE	tape

The other variables in the message are:

devname	the device name.
raddr	the real unit address of the failing device.
sense	the sense bytes, in hexadecimal, for the error condition.
cm	the command code, in hexadecimal, of the Channel Command Word (CCW) being executed when the error occurred.
csw	the failing channel status word (CSW), in hexadecimal.
bbcchh	the address (bin, cylinder, and head), in hexadecimal, where the error occurred.
nnnnnn	the block number where the error occurred.

System Action: System operation continues.

Operator Response: For all types except DASD, none. For DASD, if this message occurs during IPL from 3330, make sure the read/write switch on the drive is in the write position. If the message occurs after IPL, no action can be taken.

501A

**type raddr devname INT REQ [CMD = cm SNS = sense CSW = csw
USERID = userid {BBCCHH = bbcchh|BLOCK = nnnnnn}]**

Explanation: An error recovery routine encountered an intervention-required condition on the device specified.

The "type" in the message indicates which error recovery routine it was:

Type	Error Recovery Routine
LINE	line
DASD	disk
PRT,PUN,RDR	spooling
TAPE	tape

The other variables in the message are:

devname	the device name.
raddr	the real unit address of the failing device.
sense	the sense bytes, in hexadecimal, for the error condition.
cm	the command code, in hexadecimal, of the Channel Command Word (CCW) being executed when the error occurred.
csw	the failing channel status word (CSW), in hexadecimal.
bbcchh	the address (bin, cylinder, and head), in hexadecimal, where the error occurred.
nnnnnn	the block number where the error occurred.

System Action: System operation continues.

Operator Response: For a line error condition, no action can be taken. For all other devices, take appropriate action to make the device ready.

If the printer or punch cannot be made ready, to retrieve the active file on the device do the following:

1. Use the FLUSH command to flush the device. (The FLUSH command will not issue a response.)
2. Use the DRAIN command to drain the device. The system varies the device offline and requeues the file on the system printer or punch queue. The file has a system hold status if the HOLD operand was used on the FLUSH command.

501I

**type raddr devname INT REQ [CMD = cm SNS = sense CSW = csw
USERID = userid]**

Explanation: The terminal error recovery routine (CONS), or the spooling error recovery routine (PRT, PUN, or RDR) found an unrecoverable intervention-required I/O error.

Type	Error Recovery Routine
CONS	terminal
PRT,RDR	spooling

The other variables in the message are as follows:

devname	the device name
raddr	the real address of the failing device
sense	the sense bytes, in hexadecimal, for the error condition

cm the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred
 csw the failing channel status word (CSW) in hexadecimal

System Action: System operation continues.

Operator Response: If the device specified is a console, there is no operator response. If the device specified is a reader, printer, or punch, take appropriate action to make the device ready.

502I

**type raddr devname BUSOUT CK CMD = cm SNS = sense CSW = csw
 USERID = userid [{BBCCHH = bbcchh|BLOCK = nnnnnn}]**

Explanation: An error recovery routine found an unrecoverable bus-out check I/O error. It could also mean that module DMKUCS, DMKUCB, or DMKUCC has exceeded a page boundary (4K).

The "type" in the message indicates which error recovery routine it was.

Type	Error Recovery Routine
DASD	disk
CONS,GRAF	terminal
LINE	line
PRT,PUN,RDR	spooling
TAPE	tape

The other variables in the message are:

devname the device name.
 addr the unit address of the failing device.
 sense the sense bytes, in hexadecimal, for the error condition.
 cm the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred.
 csw the failing channel status word (CSW), in hexadecimal.
 bbcchh the address (bin, cylinder, and head), in hexadecimal, where the error occurred.
 nnnnnn the block number where the error occurred.

It could also mean that module DMKUCS, DMKUCB, or DMKUCC has exceeded a page boundary (4K).

System Action: System operation continues.

Operator Response: For CONS, DASD, GRAF, LINE, and TAPE, none. For RDR, purge the file and try to read it again. For printer or punch, take appropriate action to correct the problem. If the printer or punch is to be made ready, do the following to retrieve the active file on the device:

1. Use the FLUSH command to flush the device. (The FLUSH command will not issue a response.)
2. Use the DRAIN command to drain the device. The system varies the device offline and queues the file on the system printer or punch queue. The file has a system hold status if the HOLD operand was used on the FLUSH command.

If the problem persists, call your system support personnel.

503A

type raddr devname EQUIP CK CMD = cm SNS = sense CSW = csw
USERID = userid

Explanation: The spooling error recovery routine found an equipment check I/O error requiring operator action for recovery.

Type	Error Recovery Routine
PRT,PUN,RDR	spooling

The other variables in the message are as follows:

devname	the device name
raddr	the real address of the failing device
sense	the sense bytes, in hexadecimal, for the error condition
cm	the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred
csw	the failing channel status word (CSW) in hexadecimal

System Action: System operation continues.

Operator Response: Take appropriate action to correct the problem. If the problem persists, call your system support personnel.

503I

type raddr devname EQUIP CK CMD = cm SNS = sense CSW = csw
USERID = userid [{BBCCHH = bbcchh|BLOCK = nnnnnn}]

Explanation: An error recovery routine found an unrecoverable equipment check I/O error. The "type" in the message indicates which error recovery routine it was:

Type	Error Recovery Routine
CONS,GRAF	terminal
LINE	line
DASD	disk
PRT,PUN,RDR	spooling
TAPE	tape

The other variables in the message are:

devname	the device name.
raddr	the real unit address of the failing device.
sense	the sense bytes, in hexadecimal, for the error condition.
cm	the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred.
csw	the failing channel status word (CSW) in hexadecimal.
bbcchh	the address (bin, cylinder, and head), in hexadecimal, where the error occurred.
nnnnnn	the block number where the error occurred.

System Action: System operation continues.

Operator Response: See note.

Note: Because of the buffering of lines in the 3262 printer, lines of data may be lost. You can use the BACKSPAC command to recover the missing lines of data.

504A

**type raddr devname DATA CK CMD = cm SNS = sense CSW = csw
USERID = userid**

Explanation: The spooling error recovery routine found an unrecoverable data check I/O error.

Type	Error Recovery Routine
PRT,RDR	spooling

The other variables in the message are as follows:

devname	the device name.
raddr	the real address of the failing device.
sense	the sense bytes, in hexadecimal, for the error condition.
cm	the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred.
csw	the failing channel status word (CSW) in hexadecimal.

System Action: System operation continues.

Operator Response: Make sure the Block Data Check is set ON if the device specified is a printer with Universal Character Set (UCS).

Two procedures are available to do this:

1. If you wish to continue –
Make the printer not-ready, then ready.
2. If you want to automatically set the Block Data Check –
Reload the UCS Buffer using the LOADBUF command;
Use the FLUSH command to flush the printer;
Make the printer not-ready, then ready;
Vary the printer online; and
Load the buffer.

Note: On the 3211, make the printer not ready, press the cancel key, and make the printer ready. A 3211 data check could be caused by FCB.

504I

**type raddr devname DATA CK CMD = cm SNS = sense CSW = CSW
USERID = userid [{BBCCHH = bbcchh|BLOCK = nnnnnn}]**

Explanation: An error recovery routine found an unrecoverable data check I/O error. It could also mean that module DMKUCS, DMKUCB, or DMKUCC has exceeded a page boundary (4K). The “type” in the message indicates which error recovery routine it was:

Type	Error Recovery Routine
CONS,GRAF	terminal
LINE	line
DASD	disk
PRT,PUN,RDR	spooling
TAPE	tape

The other variables in the message are:

devname	the device name.
raddr	the real unit address of the failing device.
sense	the sense bytes, in hexadecimal, for the error condition.
cm	the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred.

csw the failing channel status word (CSW) in hexadecimal.
 bbcchh the address (bin, cylinder, and head), in hexadecimal, where the
 error occurred.
 nnnnnn the block number where the error occurred.

It could also mean that module DMKUCS, DMKUCB, or DMKUCC has exceeded a page boundary (4K).

System Action: System operation continues.

Operator Response: None, or take appropriate action to correct the problem. If the problem persists, contact your system support personnel.

505A

**RDR raddr devname OVERRUN CK CMD = cm SNS = sense CSW = csw
 USERID = userid**

Explanation: The spooling error recovery routine found an unrecoverable overrun check I/O error.

devname the device name.
 raddr the real unit address of the failing device.
 sense the sense bytes, in hexadecimal, for the error condition.
 cm the command code, in hexadecimal, of the channel command
 word (CCW) being executed when the error occurred.
 csw the failing channel status word (CSW) in hexadecimal.

System Action: System operation continues.

Operator Response: Take appropriate action to correct the problem. If the problem persists, contact your system support personnel.

505I

**type raddr devname OVERRUN CK CMD = cm SNS = sense CSW = csw
 USERID = userid [{BBCCHH = bbcchh|BLOCK = nnnnnn}]**

Explanation: The disk error recovery routine found an unrecoverable overrun check I/O error. The "type" in the message indicates which error recovery routine it was.

Type	Error Recovery Routine
CONS	terminal
DASD	disk
LINE	line

The other variables in the message are:

devname the device name.
 raddr the real unit address of the failing device.
 sense the sense bytes, in hexadecimal, for the error condition.
 cm the command code, in hexadecimal, of the channel command
 word (CCW) being executed when the error occurred.
 csw the failing channel status word (CSW) in hexadecimal.
 bbcchh the address (bin, cylinder, and head), in hexadecimal, where the
 error occurred.
 nnnnnn the block number where the error occurred.

System Action: System operation continues.

Operator Response: None.

506I

DASD raddr devname TRKCOND CK CMD = cm SNS = sense CSW = csw
USERID = userid BBCCHH = bbcchh

Explanation: The disk error recovery routine found an unrecoverable track condition check I/O error.

devname the device name.
 raddr the real unit address of the failing device.
 sense the sense bytes, in hexadecimal, for the error condition.
 cm the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred.
 csw the failing channel status word (CSW) in hexadecimal.
 bbcchh the address (bin, cylinder, and head), in hexadecimal, where the error occurred.

System Action: System operation continues.

Operator Response: None.

508I

type raddr devname PERM ERROR CMD = cm SNS = sense CSW = csw
USERID = userid [BBCCHH = bbcchh]

Explanation: The disk error recovery routine (DASD) or the spooling error recovery routine (PRT, PUN, or RDR) found an unrecoverable permanent error condition.

Type	Error Recovery Routine
DASD	disk
PRT,PUN,RDR	spooling

The other variables in the message are as follows:

devname the device name
 raddr the real address of the failing device
 sense the sense bytes, in hexadecimal, for the error condition
 cm the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred
 csw the failing channel status word (CSW) in hexadecimal

System Action: System operation continues.

Operator Response: None.

509I

DASD raddr devname TRKOVERUN CMD = cm SNS = sense CSW = csw
USERID = userid BBCCHH = bbcchh

Explanation: The disk error recovery routine found an unrecoverable track overrun check I/O error.

devname the device name.
 raddr the real unit address of the failing device.
 sense the sense bytes, in hexadecimal, for the error condition.
 cm the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred.
 csw the failing channel status word (CSW) in hexadecimal.
 bbcchh the address (bin, cylinder, and head), in hexadecimal, where the error occurred.

System Action: System operation continues.

Operator Response: None.

510I

**TAPE raddr devname CONVERT CK CMD = cm SNS = sense CSW = csw
USERID = userid**

Explanation: The tape error recovery routine found an unrecoverable data convert check I/O error.

devname the device name.
raddr the real unit address of the failing device.
sense the sense bytes, in hexadecimal, for the error condition.
cm the command code, in hexadecimal, of the channel command
 word (CCW) being executed when the error occurred.
csw the failing channel status word (CSW) in hexadecimal.

System Action: System operation continues.

Operator Response: None.

511I

**TAPE raddr devname COMPAT CK CMD = cm SNS = sense CSW = csw
USERID = userid**

Explanation: The tape error recovery routine found an unrecoverable compatibility check I/O error.

devname the device name.
raddr the real unit address of the failing device.
sense the sense bytes, in hexadecimal, for the error condition.
cm the command code, in hexadecimal, of the channel command
 word (CCW) being executed when the error occurred.
csw the failing channel status word (CSW) in hexadecimal.

System Action: System operation continues.

Operator Response: None.

512I

**TAPE raddr devname LOAD POINT CMD = cm SNS = sense CSW = csw
USERID = userid**

Explanation: The tape error recovery routine found an unrecoverable load point I/O error.

devname the device name.
raddr the real unit address of the failing device.
sense the sense bytes, in hexadecimal, for the error condition.
cm the command code, in hexadecimal, of the channel command
 word (CCW) being executed when the error occurred.
csw the failing channel status word (CSW) in hexadecimal.

System Action: System operation continues.

Operator Response: None.

513I

**type raddr devname FILE PROT CMD = cm SNS = sense CSW = csw
USERID = userid {[BBCCHH = bbcchh|BLOCK = nnnnnn]}**

Explanation: The disk error recovery routine (for DASD) or the tape error recovery routine (for TAPE) found an unrecoverable file protect I/O error.

Type	Error Recovery Routine
DASD	disk
TAPE	tape

The other variables in the message are as follows:

devname	the device name
raddr	the real address of the failing device
sense	the sense bytes, in hexadecimal, for the error condition
cm	the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred
csw	the failing channel status word (CSW) in hexadecimal

System Action: System operation continues.

Operator Response: None.

516I

**type raddr devname BAD SENSE CMD = cm SNS = sense CSW = csw
USERID = userid [BBCCHH = bbcchh|BLOCK = nnnnnn]**

Explanation: An error recovery routine encountered an error on a sense operation. The "type" in the message indicates which error recovery routine it was:

Type	Error Recovery Routine
DASD	disk
LINE	line
TAPE	tape

The other variables in the message are:

devname	the device name.
raddr	the real unit address of the failing device.
sense	the sense bytes, in hexadecimal, for the error condition.
cm	the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred.
csw	the failing channel status word (CSW) in hexadecimal.
bbcchh	the address (bin, cylinder, and head), in hexadecimal, where the error occurred.
nnnnnn	the block number where the error occurred.

System Action: System operation continues.

Operator Response: None.

517E

DASD raddr devname NOT/KNOWN CMD = cm SNS = sense CSW = csw
USERID = userid [BBCCHH = bbcchh|BLOCK = nnnnnn]

Explanation: The disk error recovery routine encountered an error that is considered an impossible condition and must be reported as such.

devname	the device name.
raddr	the real unit address of the failing device.
sense	the sense bytes, in hexadecimal, for the error condition.
cm	the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred.
csw	the failing channel status word (CSW) in hexadecimal.
bbcchh	the address (bin, cylinder, and head), in hexadecimal, where the error occurred.
nnnnnn	the block number where the error occurred.

System Action: System operation continues.

Operator Response: None.

517I

type raddr devname NOT/KNOWN CMD = cm SNS = sense CSW = csw
USERID = userid

Explanation: The line error recovery routine (for LINE) or the tape error recovery routine (for TAPE) encountered an error that is considered an impossible condition and must be reported as such.

Type	Error Recovery Routine
LINE	line
TAPE	tape

The other variables in the message are as follows:

devname	the device name
raddr	the real address of the failing device
sense	the sense bytes, in hexadecimal, for the error condition
cm	the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred
csw	the failing channel status word (CSW) in hexadecimal

System Action: System operation continues.

Operator Response: None.

518I

type raddr devname RECV ERROR CMD = cm SNS = sense CSW = csw
USERID = userid [BBCCHH = bbcchh]

Explanation: While attempting recovery, the disk error recovery routine (for DASD) or the tape error recovery routine (for TAPE) encountered an error not associated with the original error. Error recovery cannot be continued.

Type	Error Recovery Routine
DASD	disk
TAPE	tape

The other variables in the message are as follows:

devname the device name
raddr the real address of the failing device
sense the sense bytes, in hexadecimal, for the error condition
cm the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred
csw the failing channel status word (CSW) in hexadecimal

System Action: System operation continues.

Operator Response: None.

519I

**TAPE raddr devname PE BURST CMD = cm SNS = sense CSW = csw
USERID = userid**

Explanation: The tape error recovery routine found an unrecoverable phase encode burst I/O error.

devname the device name.
raddr the real unit address of the failing device.
sense the sense bytes, in hexadecimal, for the error condition.
cm the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred.
csw the failing channel status word (CSW) in hexadecimal.

System Action: System operation continues.

Operator Response: None.

520A

**type raddr devname PERM ERROR CMD = cm SNS = sense CSW = csw
USERID = userid**

Explanation: The spooling error recovery routine found an unrecoverable error condition.

Type	Error Recovery Routine
PRT,PUN,RDR	spooling

The other variables in the message are as follows:

devname the device name
raddr the real address of the failing device
sense the sense bytes, in hexadecimal, for the error condition
cm the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred
csw the failing channel status word (CSW) in hexadecimal

System Action: System operation continues.

Operator Response: Take appropriate action to correct the problem. If the problem persists, contact your system support personnel.

520I

**type raddr devname CHAN ERROR CMD = cm SNS = sense CSW = csw
USERID = userid [BBCCHH = bbcchh|BLOCK = nnnnnn]**

Explanation: An error recovery routine encountered an unrecoverable channel I/O error. The "type" in the message indicates which error recovery routine it was:

Type	Error Recovery Routine
LINE	line
DASD	disk
PRT,PUN,RDR	spooling
TAPE	tape

The other variables in the message are:

devname the device name.
 raddr the real unit address of the failing device.
 sense the sense bytes, in hexadecimal, for the error condition.
 cm the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred.
 csw the failing channel status word (CSW) in hexadecimal.
 bbcchh the address (bin, cylinder, and head), in hexadecimal, where the error occurred.
 nnnnnn the block number where the error occurred.

System Action: System operation continues.

Operator Response: None.

521I

**type raddr devname NO DEVICE CMD = cm SNS = sense CSW = csw
USERID = userid**

Explanation: An error recovery routine received a reported error from a device that is not in the system configuration. The "type" in the message indicates which error recovery routine it was:

Type	Error Recovery Routine
GRAF	terminal
PRT,PUN,RDR	spooling
TAPE	tape

The other variables in the message are:

devname the device name.
 raddr the real unit address of the failing device.
 sense the sense bytes, in hexadecimal, for the error condition.
 cm the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred.
 csw the failing channel status word (CSW) in hexadecimal.

System Action: System operation continues.

Operator Response: None.

522I

**TAPE raddr devname ERASE CK CMD = cm SNS = sense CSW = csw
USERID = userid**

Explanation: The tape error recovery routine found an unrecoverable erase check I/O error.

devname the device name.
raddr the real unit address of the failing device.
sense the sense bytes, in hexadecimal, for the error condition.
cm the command code, in hexadecimal, of the channel command
 word (CCW) being executed when the error occurred.
csw the failing channel status word (CSW) in hexadecimal.

System Action: System operation continues.

Operator Response: None.

523I

**TAPE raddr devname CONTROL CK CMD = cm SNS = sense CSW = csw
USERID = userid**

Explanation: The tape error recovery routine found an unrecoverable control check on a tape.

devname the device name.
raddr the real unit address of the failing device.
sense the sense bytes, in hexadecimal, for the error condition.
cm the command code, in hexadecimal, of the channel command
 word (CCW) being executed when the error occurred.
csw the failing channel status word (CSW) in hexadecimal.

System Action: System operation continues.

Operator Response: None.

524I

**type raddr devname LOAD CHECK CMD = cm SNS = sense CSW = csw
USERID = userid**

Explanation: An attempt was made to load an invalid buffer to the printer. CMD = FB or F3 indicates an invalid UCS buffer. CMD = 63 indicates an invalid FCB was transmitted to the printer.

Type	Error Recovery Routine
PRT,PUN,RDR	spooling

The other variables in the message are as follows:

devname the device name
raddr the real address of the failing device
sense the sense bytes, in hexadecimal, for the error condition
cm the command code, in hexadecimal, of the channel command
 word (CCW) being executed when the error occurred
csw the failing channel status word (CSW) in hexadecimal

System Action: System operation continues.

Operator Response: Retry the operation.

525I **type raddr devname FORMAT CK CMD = cm SNS = sense CSW = csw
USERID = userid**

Explanation: The terminal error recovery routine (for GRAF) or the spooling error recovery routine (for RDR, PRT, or PUN) encountered a format error on a write RCE (Read Column Eliminate) command.

Type	Error Recovery Routine
GRAF	terminal
PRT,PUN,RDR	spooling

The other variables in the message are as follows:

devname	the device name
raddr	the real address of the failing device
sense	the sense bytes, in hexadecimal, for the error condition
cm	the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred
csw	the failing channel status word (CSW) in hexadecimal

System Action: System operation continues.

Operator Response: Retry the operation.

526I **TAPE raddr devname DSE FAILED CMD = cm SNS = sense CSW = csw
USERID = userid**

Explanation: A data security erase operation has failed to complete successfully, causing a timeout condition to exist on communication lines.

devname	the device name.
raddr	the real unit address of the failing device.
sense	the sense bytes, in hexadecimal, for the error condition.
cm	the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred.
csw	the failing channel status word (CSW) in hexadecimal.

System Action: System operation continues.

Operator Response: Activate the reset and load-rewind buttons on the failing device and restart the job.

527I **type raddr devname LOST DATA CMD = cm SNS = sense CSW = csw
USERID = userid**

Explanation: The line error recovery routine (for LINE) or the terminal error recovery routine (for CONS) found an unrecoverable lost data I/O error.

Type	Error Recovery Routine
LINE	line
CONS	terminal

The other variables in the message are as follows:

devname	the device name
raddr	the real address of the failing device
sense	the sense bytes, in hexadecimal, for the error condition

cm the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred
csw the failing channel status word (CSW) in hexadecimal

System Action: System operation continues.

Operator Response: None.

528I

**type raddr devname TIMEOUT CMD = cm SNS = sense CSW = csw
USERID = userid**

Explanation: The line error recovery routine (for LINE) or the terminal error recovery routine (for CONS) determined that problems causing a timeout condition exist on communication lines.

Type	Error Recovery Routine
CONS	terminal
LINE	line

The other variables in the message are as follows:

devname the device name
raddr the real address of the failing device
sense the sense bytes, in hexadecimal, for the error condition
cm the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred
csw the failing channel status word (CSW) in hexadecimal

System Action: System operation continues.

Operator Response: None.

529I

**type raddr devname PARITY CK CMD = cm SNS = sense CSW = csw
USERID = userid**

Explanation: The terminal error recovery routine (for GRAF) or the spooling error recovery routine (for RDR, PRT, or PUN) found an unrecoverable parity check I/O error.

Type	Error Recovery Routine
GRAF	terminal
PRT,PUN,RDR	spooling

The other variables in the message are as follows:

devname the device name
raddr the real address of the failing device
sense the sense bytes, in hexadecimal, for the error condition
cm the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred
csw the failing channel status word (CSW) in hexadecimal

System Action: System operation continues.

Operator Response: None.

530I

**GRAF raddr devname UNIT SPEC CMD = cm SNS = sense CSW = cs
USERID = userid**

Explanation: The terminal error recovery routine found an unrecoverable device-detected error.

devname the device name.
raddr the real unit address of the failing device.
sense the sense bytes, in hexadecimal, for the error condition.
cm the command code, in hexadecimal, of the channel command
 word (CCW) being executed when the error occurred.
csw the failing channel status word (CSW) in hexadecimal.

System Action: System operation continues.

Operator Response: None.

531I

**GRAF raddr devname CNTRL CHECK CMD = cm SNS = sense
CSW = csw USERID = userid**

Explanation: The terminal error recovery routine found an unrecoverable error. The addressed device failed to perform a specified operation or respond to the control unit within a specified period of time.

devname the device name.
raddr the real unit address of the failing device.
sense the sense bytes, in hexadecimal, for the error condition.
cm the command code, in hexadecimal, of the channel command
 word (CCW) being executed when the error occurred.
csw the failing channel status word (CSW) in hexadecimal.

System Action: System operation continues.

Operator Response: None.

532I

**GRAF raddr devname OP CHECK CMD = cm SNS = sense CSW = csw
USERID = userid**

Explanation: The terminal error recovery routine found an unrecoverable error. The control unit has received a valid command or order that it cannot execute.

devname the device name.
raddr the real unit address of the failing device.
sense the sense bytes, in hexadecimal, for the error condition.
cm the command code, in hexadecimal, of the channel command
 word (CCW) being executed when the error occurred.
csw the failing channel status word (CSW) in hexadecimal.

System Action: System operation continues.

Operator Response: None.

533I

**DASD raddr devname CHECK DATA CMD = cm SNS = sense CSW = csw
USERID = userid BLOCK = nnnnnn**

Explanation: The FB-512 error recovery routine encountered an unrecoverable check data error.

devname the device name.
raddr the real unit address of the failing device.
sense the sense bytes, in hexadecimal, for the error condition.
cm the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred.
csw the failing channel status word (CSW) in hexadecimal.
nnnnnn the block number where the error occurred.

System Action: System operation continues.

Operator Response: None.

534I

**DASD raddr devname BKSIZ EX CMD = cm SNS = sense CSW = csw
USERID = userid BLOCK = nnnnnn**

Explanation: The FB-512 error recovery routine encountered an unrecoverable error.

devname the device name.
raddr the real unit address of the failing device.
sense the sense bytes, in hexadecimal, for the error condition.
cm the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred.
csw the failing channel status word (CSW) in hexadecimal.
nnnnnn the block number where the error occurred.

System Action: System operations continues.

Operator Response: None.

535I

**DASD raddr devname WRT INHIBT CMD = cm SNS = sense CSW = csw
USERID = userid BLOCK = nnnnnn**

Explanation: The FB-512 error recovery routine encountered an unrecoverable error.

devname the device name.
raddr the real unit address of the failing device.
sense the sense bytes, in hexadecimal, for the error condition.
cm the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred.
csw the failing channel status word (CSW) in hexadecimal.
nnnnnn the block number where the error occurred.

System Action: System operations continues.

Operator Response: None.

536I **raddr devname REPORTS DISABLED INTERFACE; FAULT CODE =
cccc; NOTIFY CE**

Explanation: Unit check has occurred on an FB-512 or count-key-data I/O request to a Director Module indicating that a permanent error has occurred on the companion Director Module. The sense data indicates Alternate Interface Disabled. (Sense byte 1, bit 3.) The substitutions in the message are as follows:

raddr real device address on which the error was reported.

devname the real device name.

cccc fault symptoms code obtained from the sense data that will be used by the CE to locate the failing component.

System Action: The system logs the error and retries the I/O request. This retry should succeed since it is another control unit that failed.

User Response: Notify your service personnel.

538I **type raddr devname PROG ERROR CMD = cmd SNS = sense CSW = csw
USERID = userid**

Explanation: An error recovery routine encountered an unrecoverable programming error on a request for control program I/O.

raddr the real unit address of the failing device.

devname the device name.

sense the sense bytes, in hexadecimal, for the error condition.

csw the failing channel status word (CSW) in hexadecimal.

System Action: System operation continues.

Operator Response: Notify the system programmer of an error in a channel program in the control program.

539I **TAPE raddr devname BOT FAIL CMD = cmd SNS = sense CSW = csw
USERID = userid**

Explanation: The tape error recovery routine found an unrecoverable beginning of tape fail I/O error.

raddr the real unit address of the failing device.

devname the device name.

sense the sense bytes, in hexadecimal, for the error condition.

csw the failing channel status word (CSW) in hexadecimal.

System Action: System operation continues.

Operator Response: None.

540I

**PRT raddr devname MAINT REQ CMD = cm SNS = sense CSW = csw
USERID = userid**

Explanation: Maintenance of the printer is required. Performance of the printer may be degraded. The message is intended to warn the operator before the problem becomes critical.

raddr the real unit address of the failing device.
devname the device name.
sense the sense bytes, in hexadecimal, for the error condition.
cm the command code, in hexadecimal, for the error condition.
csw the failing channel status word (CSW) in hexadecimal.

System Action: Printing operations on the device continue.

Operator Response: Schedule maintenance as soon as possible.

546I

**INTERRUPTION {CLEARED|PENDING} {DEVICE|CONTROL UNIT}
raddr CSW = csw USERID userid**

Explanation: If PENDING appears in the message text, the missing interrupt handler has found device end pending for the device raddr for more than the specified time period. The condition cannot be corrected. If CLEARED appears in the message text, the missing interrupt handler has corrected the missing interrupt condition. The device remains operational.

raddr real device address or control unit (path used by IOS)
csw last half of the csw of the last I/O operation
userid associated userid, if any, that performed the I/O operation

System Action: This message is issued to alert the operator of a possible error condition. If the missing interrupt handler is able to correct the condition the device remains operational. If the missing interrupt handler is unable to correct the condition, manual intervention is required.

The time interval for each device class is specified in the SYSMIH macro. If the device is still inoperative after the initial message is issued, another message will be issued every two time intervals.

Operator Response: If PENDING appears in the message text, manual action may be required to free the device. Examine device cuu for hardware malfunctions such as the SELECT light on for a tape, or the SELECT LOCK light on for disk devices. Check control or switching units for proper connection. If the userid is available issue a warning message to the user making him aware of the problem. If no apparent hardware problem is found, issue the HALT command to free the device.

547E

MISSING INTERRUPTION MONITORING NOT AVAILABLE

Explanation: The SET MITIME command was issued and the missing interrupt handler module, DMKDID, was not in the system.

System Action: None.

User Response: Add the missing interrupt module DMKDID to the load list. Then regenerate the CP nucleus, reload and re-IPL the system.

559W

SRF vaddr NOT ACCESSIBLE; FRAMES NOT ON ERROR CYLINDERS

Explanation: One of the following conditions has occurred on a 303X processor:

1. SRF is not included in DMKRIO.
2. The service support console is configured for diagnostics, remote hook-up, or program frame. The console is not in SRF mode. (The VM/SP HPO control program can access only one of the two SRF devices of a 3036 console. If both SRF devices of a 3036 are specified on the RIOGEN macro at system generation, then during initialization of the error recording cylinders, message DMKIOH559W will be issued for *one* of these SRF devices. Since both SRF devices of a 3036 console contain identical frame data, only one SRF per 3036 need be successfully accessed during error recording area initialization. If message DMSIOH559W is received for only one of the SRF devices of a 3036 console, and both were specified on the RIOGEN macro, no user action is necessary.)
3. The system is running in degraded mode (only one console station is operational.)

System Action: When CPEREPE reports are generated they will be unformatted if no SRF device was successfully accessed.

User Response:

1. Reassemble DMKRIO with the proper address for the 7443 devices and include "SRF=" on the RIOGEN macro, for more information refer to the *VM/SP HPO Planning Guide and Reference*.
2. Wait until the service support console is available. Enable the I/O interface. Select SRF mode from the C1 frame by activating the SRF (A2). (On the 3032, the SRF appears disabled until it is accessed.) VARY ON the SRF. Attach the SRF. Rerun CPEREPE CLEARF. Refer to the *3033 Processor Complex Operating Procedures*, GC38-0031, for more information.
3. Rerun CPEREPE when both console stations are operational, generate reports then run CPEREPE CLEARF to clear and obtain the frame records.

560W

ERRORS ON SRF vaddr: FRAMES NOT ON ERROR CYLINDERS

Explanation: A permanent I/O error was encountered during an I/O operation with SRF vaddr. The SRF vaddr frames are not placed on the error recording cylinders or in the error recording area.

System Action: Processing continues.

Operator Response: After the cause of the error has been corrected, run CPEREPE with the CLEARF parameter specified to clear the area. This will cause the frames to be placed in the error recording area.

561W

**MORE THAN 50 MCH OR CCH FRAMES WERE READ FROM SRF
vaddr**

Explanation: The maximum number of frames of one type has been exceeded.

- There is an error in the Service Processor when responding to I/O requests to the SRF, or
- The last engineering change has provided a set of frames larger than the maximum number expected.

System Action: The first 50 frames read will be accepted as valid and will be written to the error recording area.

Operator Response: Processing of MCH or CCH records by 50 frames may result in an incomplete or erroneous edit of logout information. Call IBM Field Engineering for support.

575I

I/O ERROR ADDR = raddr, USERID = userid

Explanation: The VM/SP HPO error recording interface has determined that a permanent or temporary I/O error has occurred on a virtual machine. This message also appears when VM/SP HPO error routines are invoked for recording counter and buffer overflow statistics for various devices, for recording demounts, and for recording general statistical data.

System Action: System operation continues.

Operator Response: Run CPEREPI to document the error. If the problem persists, call your system support personnel.

601E

CHANNEL CONTROL CHECK DEV raddr; USER userid

Explanation: A channel control check occurred on the channel specified by device raddr, where:

xxx real device address of the failing unit.

System Action: System operation continues.

Operator Response: Probable hardware error. If the problem persists, call your system support personnel.

601I

CHANNEL CONTROL CHECK DEV raddr; USER userid

Explanation: A channel control check occurred on the channel specified by device raddr, where:

raddr real device address of the failing unit.

System Action: System operation continues.

Operator Response: Probable hardware error. If the problem persists, call your system support personnel.

602E

INTERFACE CONTROL CHECK DEV raddr; USER userid

Explanation: An interface control check occurred on channel specified in device raddr, where:

raddr real device address of the failing unit.

System Action: System operation continues.

Operator Response: Probable hardware error. If the problem persists, call your system support personnel.

602I

INTERFACE CONTROL CHECK DEV raddr; USER userid

Explanation: An interface control check occurred on channel specified in device raddr, where:

raddr real device address of the failing unit.

System Action: System operation continues.

Operator Response: Probable hardware error. If the problem persists, call your system support personnel.

603W

CHANNEL ERROR

Explanation: A channel check condition occurred from which the channel check handler could not recover. This page left blank

System Action: The system enters a wait state (wait state code = 002).

Operator Response: Probable hardware error. Run the SEREP program to document the error condition before restarting the system. If the problem persists, call your system support personnel.

To restart, clear storage and IPL the system, specifying CKPT start. Do not use the SEREP program on 4341, 4381, 308x processor complex, and 3090 processors as you will get invalid results.

605I

CHANNEL CHECK RECORDING FAILURE

Explanation: This message appears:

- When an unrecoverable I/O error is encountered while recording on the error recording cylinder, or
- When the channel check recording cylinder is full.

System Action: System operation continues.

Operator Response: Run the CPEREP program to write out the error records and clear the channel recording cylinder. If the error recurs, contact your system support personnel.

609W

MACHINE CHECK; PROCESSOR CONTROLLER DAMAGE cpuid

Explanation: The machine check handler has encountered an error in the Processor Controller.

System Action: The system enters a disabled wait state. (Wait state code = 001)

Operator Response: Contact your system support personnel.

610W

MACHINE CHECK; SUPERVISOR DAMAGE cpuid

Explanation: The machine check handler has encountered an unrecoverable error within CP. This message is also issued if a malfunction alert occurs on the attached processor and CP was in control.

System Action: The system enters a disabled wait state (wait state code = 001 or 013).

Operator Response: Probable hardware error. Run the SEREP program to document the error. Restart the system. If the problem recurs, contact your system support personnel. Do not use the SEREP program on 4341, 4381, 308x processor complex, and 3090 processors as you will get invalid results.

611W

MACHINE CHECK; SYSTEM INTEGRITY LOST cpuid

Explanation: The machine check handler has encountered an error that cannot be diagnosed because of an invalid machine check old PSW or invalid machine check interrupt code (MCIC). The integrity of the system at this point is not reliable.

System Action: The system enters a disabled wait state (wait state code = 001).

Operator Response: Probable hardware error. Run the SEREP program and save the output for your system support personnel. Restart the system. Do not use the SEREP program on 4341, 4381, 308x processor complex, and 3090 processors as you will get invalid results.

612W

MACHINE CHECK TIMING FACILITIES DAMAGE

Explanation: An error has occurred in the timing facilities. Probable hardware error.

System Action: The system enters a disabled wait state (wait state code = 001).

Operator Response: Run the SEREP program to document the error. Restart the system. If the problem recurs, contact your system support personnel. Do not use the SEREP program on 4341, 4381, 308x processor complex, and 3090 processors as you will get invalid results.

618I {INSTRUCTION RETRY|MAIN STORAGE} NOW IN {RECORD|QUIET} MODE cpuid

Explanation: The SET MODE command has placed the processor in the mode that is specified.

System Action: System operation continues.

Operator Response: None.

619I MACHINE CHECK; OPERATION TERMINATED cpuid

Explanation: The user has encountered a machine check error and the user's virtual machine had been reset or terminated. If the virtual machine was reset, the user must reinitialize the system to commence operation. If the virtual machine was terminated, he must log on again to commence operation.

System Action: System operation continues.

Operator Response: Run the CPEREP program to document the error. If the problem recurs, contact your system support personnel.

620I MACHINE CHECK; ATTACHED PROCESSOR NOT BEING USED

Explanation: The attached processor is no longer being used by the system because:

- A malfunction alert was received from the attached processor,
- The machine check handler received an unrecoverable error on the attached processor while in problem state,
- An instruction processing error was detected for the attached processor.

System Action: System operates in uniprocessor mode.

Operator Response: Run the CPEREP program to document the error and save the output for your system support personnel.

621I AFFINITY SET OFF

Explanation: The attached processor is no longer being used by the system because of a malfunction alert, an unrecoverable machine check, or a VARY command. Affinity for the attached processor is no longer valid.

System Action: System operates in uniprocessor mode. The user is put in console function mode (if user was not disconnected) with affinity turned off.

If a preferred machine assist user receives this message, the virtual machine has been reset and PMA mode exited.

User Response: Resume processing. Continue to operate without attached processor affinity, if possible.

622W

MACHINE CHECK; MULTIPLE CHANNEL ERRORS

Explanation: During a machine check interruption, a group of channels is unavailable. The channels will not be available until the system is reset.

System Action: The system is terminated by loading a disabled wait PSW. The wait code in the PSW is X'00000001'.

Operator Response: IPL SEREP and then reload the system via the IPL process. Do not use the SEREP program on 4341, 4381, 308x processor complex, and 3090 processors as you will get invalid results.

623I

CHANNEL SET CONNECTED TO PROCESSOR nn

Explanation: A processor failure occurred on the main processor and automatic processor recovery succeeded in connecting the channel set to the attached processor; or the operator issued a VARY OFFLINE CPU command for the I/O processor and the offline process succeeded in connecting the channel set to the attached processor.

System Action: Processing continues on the attached processor in uniprocessor mode.

Operator Response: When a processor failure occurred, call IBM Field Engineering for support. When the problem is resolved, issue the VARY ONLINE command.

624I

MACHINE CHECK; EXTERNAL DAMAGE

Explanation: The machine check handler has encountered external damage. Damage has occurred to a channel, channel controller, switching unit or another unit external to the central processing unit.

System Action: System operation continues.

Operator Response: Run CPEREP program to document the error and save output for your support personnel.

625I

ALTERNATE PROCESSOR RECOVERY SUCCESSFUL; PROCESSOR nn OFFLINE

Explanation: A hardware error has occurred on processor nn which has resulted in the system's varying of processor nn (and its channels if an MP configuration) offline. The remaining online processor has recovered from the failure, and the system will continue operation in uniprocessor mode.

System Action: Processing continues in uniprocessor mode.

Operator Response: Run the CPEREP program to document the error and save the output for system support personnel.

626E

CONSOLE FUNCTION MODE ENTERED; REQUIRED PROCESSOR NOW OFFLINE

Explanation: A VARY command was issued that took the required processor offline. Either the user has affinity set to the processor or the virtual machine executed a processor-related instruction (STAP or SIGP for example) that implies affinity to the processor.

System Action: The system executes in uniprocessor mode.

User Response: If you require affinity to the processor that was erroneously varied offline, have the operator issue the VARY command to bring it back online. You can then continue operation.

If uniprocessor mode was entered in preparation for single processor mode, the wrong processor was varied offline. Use the VARY command to take the correct processor offline.

If the correct processor was varied offline, issue a SYSTEM RESET and re-IPL the virtual machine.

627I **MACHINE CHECK; STORAGE DEGRADATION FOR userid**

Explanation: The processor has reported 12 successful corrections of double-bit errors in storage belonging to either the control program or the virtual=real user. The storage belongs to the program or user identified as 'userid'.

System Action: The error reporting interrupt mechanism for soft machine checks is disabled. System operation continues.

Operator Response: The system operator should note that performance may be degraded. Run the CPEREP program to document the error and contact your system support personnel.

628I **DEGRADATION; CP WILL TRY RECOVERY IN 1 MINUTE**

Explanation: The processor has reported 12 successful corrections of double-bit errors in storage belonging to the dynamic paging area. In each instance CP was unable to mark the page frame offline because it was locked in storage.

System Action: The error reporting mechanism for soft machine checks will be disabled for approximately one minute. System operation continues. If the error occurs again when soft machine checks are enabled, CP may be able to discontinue use of the affected page frame.

Operator Response: If the problem recurs, run the CPEREP program to document the error and contact your system support personnel.

629I **SOFT MACHINE CHECK REPORTING NOW ENABLED**

Explanation: CP has enabled the error reporting interrupt mechanism for soft machine checks.

System Action: System operation continues.

Operator Response: None.

633W **MACHINE CHECK; SYSTEM DAMAGE IMMINENT**

Explanation: During machine-check processing, the warning bit in the machine check interrupt code was found on. This bit indicates that damage is imminent in some part of the system. A high-temperature reading is one example of a cause of this type of machine check.

System Action: The system logs the machine check as a soft error and continues processing.

634I

Operator Response: No action is required. However, you may wish to inform the system programmer and the users of the problem.

MACHINE CHECK; DELAYED ACCESS EXCEPTION nn

Explanation: During machine check processing, the delayed access exception bit of the machine check interrupt code was found ON. This indicates there was an attempt to alter storage using a translation lookaside buffer entry. However, that entry should have been invalidated before the execution of the current instruction. Since it was not invalidated, dynamic address translation is using an out-of-date translation lookaside buffer. Results of the execution of this instruction are unpredictable.

nn indicates which processor detected the machine check.

System Action: The system logs the machine check as a soft error and continues processing.

Operator Response: None.

635I

MACHINE CHECK; PAGING STORAGE CONTROL FAILURE nn

Explanation: This message is issued when an external damage machine check indicating a control failure in Paging Storage occurs. The variable 'nn' indicates which processor detected the machine check.

nn indicates which processor detected the machine check.

System Action: The system logs the machine check and continues to run.

This type of error may represent severe damage in extended storage.

Operator Response: Immediately notify the system programmer.

Use the PSTOR command to monitor the number of unusable pages. If this number has increased dramatically, the user may experience performance degradation.

700E

INPUT UNIT IS NOT A CPVOL

Explanation: The CPVOL operand was specified for a DUMP or COPY statement, but the last INPUT control statement did not describe a device that had been initialized with the Format/Allocate program.

System Action: If the input is from cards or a CMS file, the program terminates after the system checks the remaining statements for syntax errors. Otherwise, you are prompted to enter the correct statements from your console.

User Response: Describe the proper DASD device with the INPUT control statement. If the proper input device is defined, use the ALL operand or the explicit cylinder operand for the DUMP or COPY function.

705E

I/O ERROR addr CSW = csw SENSE = sense INPUT = bbcchh
OUTPUT = bbcchh|nnnnnn} CCW = ccw

Explanation: An unrecoverable I/O error has been detected on the input or the output device, where:

addr	the unit address of the device in error.
sense	the sense bytes, in hexadecimal, describing the error.
csw	channel status word from the error.
bbcchh	the address (bin, cylinder, and head), in hexadecimal, where the error occurred on the input or output cylinder.
nnnnnn	the beginning block number of the group of blocks being read or written when the error occurred. Reference the sense bytes to determine the block in error.
ccw	the channel command word from the error.

System Action: The job step is terminated. If the output device is tape, an attempt is made to write a trailer label closing the output device. A cylinder map is printed describing all valid data that was dumped, restored, or copied to the point of error.

Note: This may be a valid condition if a virtual user attempts to dump, restore, or copy past the cylinder extents of the minidisk with which he is working.

User Response: Determine whether or not the error was valid. If it was not valid, resubmit the job. If the error persists, call IBM for hardware support.

705I

I/O ERROR RESID = resid SENSE = sense LINE = addr

Explanation: For DMKRGGA, an unrecoverable I/O error has been detected on the remote display station or the remote printer.

resid	three bytes, in hexadecimal, of the real resource identifier.
sense	two bytes, in hexadecimal, of sense data describing the error.
addr	the unit address of the line to which the remote station is attached.

System Action: System operation continues. The system operator is notified. The user receives "NOT ACCEPTED" at the display terminal.

User Response: None.

706E

LINE addr NOT ENABLED

Explanation: The command could not be executed because the line address specified was not enabled.

System Action: None.

User Response: Enable the line address and reissue the command.

707A

DIAL FUNCTION NOT AVAILABLE

Explanation: The DIAL command cannot be issued from this station or terminal.

System Action: System operation continues.

User Response: None.

707E

MACHINE CHECK

Explanation: A hardware error has occurred while running in standalone mode.

System Action: The program loads a disabled wait state PSW after attempting to print the message.

User Response: Run the standalone SEREP program provided by the customer engineer to document the hardware error for further analysis of the problem. Attempt to rerun the job. If the error persists, call IBM for hardware support. In either case, all output should be saved to show to the service representative. Do not use the SEREP program on 4341, 4381, 308x processor complex, and 3090 processors as you will get invalid results.

708E

INVALID INPUT OR OUTPUT DEFINITION

Explanation: One or more of the following reasons caused this message to appear:

- The INPUT and/or OUTPUT statement is not defined
- The INPUT and/or OUTPUT statement is defined as the wrong device type

For example, the DUMP statement must define the input unit as a DASD device and the output unit as a tape device

- An input statement specifies an invalid parameter for defining paging storage
- A DUMP, COPY, or RESTORE statement is specified while an INPUT PSTOR is still active
- The INPUT PSTOR command was issued in a virtual machine

System Action: If the input is from cards or a CMS file, the program is terminated after scanning the remaining statements for syntax. Otherwise, the correct statement is solicited from the console.

User Response: Redefine the input or output definition. Or use the proper function control statement.

709E

WRONG INPUT TAPE MOUNTED

Explanation: The tape is invalid for one of the following reasons:

- There is no volume header record on the tape.
- The volume header record cylinder identifier is higher than the cylinder being searched for. If the tape was produced from FB-512 data, the volume header blockid is higher than the block being searched for.
- The volume header record time stamp is different from the preceding volume trailer label time stamp.

System Action: The system rewinds and unloads the tape; then it attempts to read the next tape's volume header record. If the wrong input tape is mounted, the system rewinds and unloads the tape, regardless of whether the

REWIND, UNLOAD, or LEAVE option was specified in the INPUT control statement of the DASD Dump Restore program.

User Response: Mount the proper tape.

710A

DEV raddr INTERVENTION REQUIRED

Explanation: raddr is the real unit address of the device that has become not-ready.

System Action: The program waits for the specified device to become ready.

User Response: Make the specified device ready.

711R

**VOLID READ IS volid2 [NOT volid1] DO YOU WISH TO CONTINUE?
RESPOND YES NO OR REREAD:**

Explanation:

volid1 The volume serial number from the input or output control statement; volid1 is displayed only if it was entered.

volid2 The volume serial number from the VOL1 label on the DASD device specified by the control statement.

System Action: Waits for response.

If you respond "yes", the operation continues.

If you respond "no", and the input is from cards or a CMS file, the program is terminated after scanning the remaining statements for syntax. Otherwise, the next statement is solicited from the console.

If you respond "reread", the volume specified is read again.

Note: A new volume may have been mounted in the interim.

User Response: Respond "yes", "no", or "reread".

712E

NUMBER OF EXTENTS EXCEEDS 20

Explanation: The DUMP or COPY control statement has explicitly defined more than 20 extents, or if CPVOL was specified, the input unit has more than 20 physical extents defined.

System Action: If the input is from cards or a CMS file, the program is terminated after scanning the remaining statements for syntax. Otherwise, the next control statement is solicited from the console.

User Response: Use the DUMP ALL or COPY ALL statement, or perform the job specifying no more than 20 extents, and repeat DUMP or COPY if necessary to complete the task.

713E

OVERLAPPING OR INVALID EXTENTS

Explanation: The DUMP, RESTORE, TYPE, PRINT, or COPY statement contains invalid or overlapping explicit cylinder or block extents.

System Action: If the input is from cards or a CMS file, the program is terminated after scanning the remaining statements for syntax. Otherwise, the correct statement is solicited from the console.

User Response: Enter the proper cylinder or block extent information.

714E

RECORD {bbcchh|nnnnnn} NOT FOUND ON TAPE

Explanation: The given record was not found on the tape.

bbcchh the address (bin, cylinder, and head), in hexadecimal, of the
 missing track header record.
nnnnnn the decimal block number of the missing block.

System Action: The job step is terminated. All data restored or copied to that point is valid. If the input is from cards or a CMS file, the program is terminated after scanning the remaining statements for syntax. Otherwise, the next control statement is solicited from the console.

User Response: Use the COPY ALL or RESTORE ALL statement, or use the correct explicit cylinder operand.

715E

LOCATION bbcchh IS A FLAGGED TRACK

Explanation: The DASD device has a flagged track.

bbcchh the address (bin, cylinder, and head), in hexadecimal, of the
 flagged track.

System Action: RC = 3.

For the IBM 2314, 2319, and 2305, the job step continues; for the IBM 3330 and 3350, the job is terminated. All data dumped or copied to that point is valid. The input and output devices are closed, and a cylinder map of the data dumped or copied is printed.

For the IBM 2305, 2314, 2319, and 3340, flagged tracks are treated as any other track; that is, no attempt is made to substitute the alternate track data when a defective primary track is read; tracks are not inspected to determine if they were previously flagged when written. It is therefore recommended that volumes dumped containing flagged tracks be restored to the same volume. DMKDDR715E is displayed each time a defective track is dumped, copied, or restored, and the operation continues.

For the IBM 3330 and 3350, flagged tracks are automatically handled by the control unit and should never be detected by the program. However, if a flagged track is detected DMKDDR715E is displayed and the job step is terminated.

User Response: Use the DUMP or COPY statements with the explicit cylinder operand to dump or copy around the flagged track.

716R

**NO VOL1 LABEL FOUND FOR valid DO YOU WISH TO CONTINUE?
RESPOND YES NO OR REREAD:**

Explanation: For count-key-data, the program was unable to find a record with the key of VOL1 on cylinder 0 track 0 and was not able to read record 3 on cylinder 0 track 0 for the specified volume serial number (valid).

The volume serial number is displayed only if specified in the INPUT or OUTPUT control statement.

For FB-512 devices, block 1 on the device could not be read.

System Action: The system waits for a response.

If you respond "yes", the system continues with the job steps.

If you respond "no" and the input is from cards or a CMS file, the program is terminated after scanning the remaining statements for syntax. Otherwise, the next statement is solicited from the console.

If you respond "reread", the program attempts to reread the specified device.

User Response: Respond to the message as indicated.

717R

**DATA DUMPED FROM valid1 TO BE RESTORED TO valid2. DO YOU
WISH TO CONTINUE? RESPOND YES NO OR REREAD:**

Explanation:

valid1 The volume serial number of the input tape.
valid2 The volume serial number of the output DASD device that is to
 receive the data from valid1.

System Action: The system waits for a response.

If you respond "yes", the restore function continues.

If you respond "no" and the input is from cards or a CMS file, the program is terminated after scanning the remaining statement for syntax. Otherwise, the correct statement is solicited from the console.

If you respond "reread", the input tape is backspaced to the start of the file, and the volume header label is reread.

User Response: If the wrong input tape is mounted, replace the tape and respond REREAD. Otherwise, respond in the appropriate manner.

718E

OUTPUT UNIT IS FILE PROTECTED

Explanation: The output tape cannot be written on.

System Action: RC = 1

The program terminates. The tape device is rewound and unloaded; the system waits for the device to become ready. When the unit is ready, the system writes a volume header record on the tape, and the operation continues.

User Response: Replace the file security ring in the tape reel, or mount the proper tape.

719E

INVALID FILE NAME OR FILE NOT FOUND

Explanation: This message can appear only if DMKDDR is running under CMS. A filetype was not entered from the CMS command line, or the filename and filetype entered could not be found on the CMS files currently logged in.

User Response: Either omit all operands on the CMS command line defaulting to console input, or enter the proper filename, filetype, and/or filemode for the CMS file containing the input control statements.

720E

ERROR IN {routine|nnnnnn}

Explanation: The variables in this message represent the following:

- routine is the name of the CMS routine in error. It is derived from the first eight characters of the CMS parameter list. The CMS return code generated depends on this routine:
 - If PRINTR is the routine in error, 100 is added to the CMS return code
 - If WAITRD is the routine in error, 200 is added to the CMS return code
 - If RDBUF is the routine in error, 300 is added to the CMS return code
 - If TYPE or TYPLIN is the routine in error, 400 is added to the CMS return code
- nnnnnn is a block number of PAGING STORAGE. A condition code of one was returned from a paging operation.

System Action: If the input is from cards or a CMS file, the program terminates after scanning the remaining statements for syntax. Otherwise, the program is immediately terminated.

User Response: Correct the error as indicated by the return code, and resubmit the job.

721E

RECORD {cchhr|nnnnnn} NOT FOUND

Explanation: The record indicated by cchhr was not found.

cchhr	the address (cylinder, head, and record) of the record explicitly described by the PRINT or TYPE function.
nnnnnn	the FB-512 block number or the PAGING STORAGE block number of the block described by the PRINT or TYPE function.

System Action: The system terminates the PRINT or TYPE function in process and continues with the remaining job steps unaffected.

User Response: For COUNT-KEY-DATA, if the explicit record identifier is not known, print or type on a cylinder or track basis.

For FB-512 or PAGING STORAGE, correct the number and retry.

722E

OUTPUT UNIT NOT PROPERLY FORMATTED FOR THE CP NUCLEUS

Explanation: The CP nucleus cannot be restored or copied for one of the following reasons:

- The output volume was not formatted using the Format/Allocate program.
- The void of the original nucleus volume is different from the void of the new nucleus volume.
- The cylinders or pages on which the nucleus will reside are not allocated as permanent space in the allocation record on the input device.

System Action: If the input is from cards or a CMS file, the program is terminated after scanning the remaining statements for syntax. Otherwise, the next control statement is solicited from the console.

User Response: Use the Format/Allocate program to prepare the output disk as indicated above, and resubmit the job.

723E

NO VALID CP NUCLEUS ON THE INPUT UNIT

Explanation: If the input unit is tape, then the tape does not contain a DDR nucleus dump. If the input unit is disk, then a CP nucleus was never loaded onto that disk.

System Action: If the input is from cards or a CMS file, the program is terminated after scanning the remaining statements for syntax. Otherwise, the correct statement is solicited from the console.

User Response: Mount the proper input unit and resubmit the job.

724E

INPUT TAPE CONTAINS A CP NUCLEUS DUMP

Explanation: The user is attempting to restore a tape dump using the NUCLEUS parameter by specifying ALL or explicit extent parameters.

System Action: If the input is from cards or a CMS file, the program is terminated after scanning the remaining statements for syntax. Otherwise, the next control statement is solicited from the console.

User Response: Use the RESTORE NUCLEUS statement or mount the proper tape.

725R

ORIGINAL INPUT DEVICE WAS (IS) LARGER THAN OUTPUT DEVICE. DO YOU WISH TO CONTINUE? RESPOND YES OR NO:

Explanation:

RESTORE FUNCTION--The number of cylinders or blocks on the original DASD input unit is compared with the number on the output device.

COPY FUNCTION--The input device contains more cylinders or blocks than the output device.

Operator Response: Determine if the copy or restore function is to continue; respond either "yes" or "no".

726E

MOVING DATA INTO ALTERNATE TRACK CYLINDER(S) IS PROHIBITED

Explanation: An extent statement was encountered that attempted either to RESTORE or to COPY a cylinder of data into the alternate track cylinder. This is not permitted. The alternate track cylinders of disks (except 2314 and 2319) are to be used only for alternate tracks and not as a primary data area.

System Action: The program attempts to read another control statement, or to read another extent statement.

User Response: If the extent statement contains a typographical error, correct it. Otherwise, find some other cylinder(s) to RESTORE or COPY the data to. The REORDER operand of the extent statement can be used to move an entire minidisk to different cylinders.

727E

FLAGGED TRK xxxxxxxxxxxx HAS NO PROPER ALTERNATE; SKIPPING THIS TRK

Explanation: An attempt was made to read from or write to a track that is flagged as defective, but it has no alternate track assigned; or it has an alternate assigned improperly. (Alternate does not point back to defective track, alternate has defective flag set.)

System Action: In the case of DUMP, RESTORE, or COPY the defective track is skipped and processing continues with the next track. In the case of PRINT or TYPE, the home address and the record zero from the defective track are displayed.

User Response: To restore the disk to a usable condition, perform a disk initialization using the Device Support Facility program.

728E

DECODE ERROR ENCOUNTERED: xx

Explanation: DDR is unable to expand data from compact format when restoring to DASD from tape. 'xx' is the return code from the decoding routine.

Return Codes:

- 2 First byte of input is 0 or is greater than 5. This should not occur. It may be caused by using a set of encoding tables which do not match the decoding tables which are supplied.
- 3 There is more data to be decoded, but the output buffer is not big enough to hold it. Decoding stopped when the output buffer became full.
- 4 The decoding tables are malformed or the compacted data was incorrectly transmitted. The program tried to decode a codeword which could not be decoded within its first 21 bits.

System Action: The program ends.

User Response: Recreate the input. If this is not possible, call your system support personnel.

User Response: Correct the ALLOCATE control statement or mount the proper volume on the device described by the ALLOCATE control statement. If "none" was given for volid1, the pack must be formatted.

734E

TYPE OR {CYL|PAG} INVALID

Explanation: While attempting to allocate cylinders or extents, an invalid control statement was encountered or an invalid extent was specified. For count-key-data devices, an invalid cylinder or extent is any extent with a starting location greater than the ending location or greater than the maximum number of cylinders for that device type.

For FB-512 devices, the extents are specified by page numbers. An invalid extent is one in which the starting number exceeds the highest page on the volume. The valid control statements are TEMP, PERM, TDSK, DRCT, or END.

System Action: If the input is from cards, the card in error is printed and the job step terminated. If it is console input, the proper control statement is requested from the user.

User Response: Correct the control statement or extent information and resubmit the statement. It should be noted that the allocation data overlays the existing data within the allocation record. Therefore, overlapping extents are valid and any errors may be corrected by resubmitting the proper extents. If the END control statement immediately follows the ALLOCATE statement, the allocation table is printed without any alterations.

735E

FATAL DASD I/O ERROR

Explanation: An unrecoverable error was encountered on the DASD being formatted.

System Action: The job step is terminated immediately and the next control statement is read.

User Response: Check message DMKFMT736E, displayed just prior to this message, to determine the extent and type of failure.

736E

I/O ERROR raddr {CCHHR = cchhr|BLOCK = nnnnnn} SENSE = sense

Explanation: An I/O error has been detected.

raddr	The real unit address of the device in error.
cchhr	The cylinder, head, and record identification of the record in error.
sense	the sense bytes, in hexadecimal, describing the error condition.
nnnnnn	the block number of the block error.

System Action: The job step is terminated and the next control statement is read.

User Response: Resubmit the job. If the error persists, call your system support personnel.

737E

INVALID OPERAND

Explanation: An operand is in error; it can be seen in the card image displayed following the message.

System Action: A card image containing the error is printed following the message, and the job step is terminated.

User Response: Correct the invalid operand in the control statement and resubmit the job.

738A

DEV raddr INTERVENTION REQUIRED

Explanation: Intervention is required on the device at address raddr.

System Action: The system waits for an interrupt from the card reader or console. When an interrupt is received from either the card reader or the console, that unit is solicited for the next control statement.

User Response: Correct the error as indicated on the card reader and make the device ready, or switch to console input by signaling attention.

739E

FLAGGED PRIMARY TRACK HAS NO ALTERNATE ASSIGNED; IO ERROR FOLLOWS

Explanation: An I/O operation was attempted on a track that is flagged defective, but has no alternate track assigned to it. Or an improper alternate assignment exists as follows: The CCHH pointer in record zero of either the defective or the alternate does not point to the other track of the pair. Or one of the two tracks has bits 6 and 7 of the home address flag byte improperly set.

System Action: Error messages DMKFMT736E and DMKFMT735E follow immediately. The CCHHR address given in message DMKFMT736E identifies the defective track.

User Response: To restore the disk to a usable condition, perform a disk initialization using IBDASDI.

740E

PACK MOUNTED IS 3340-35, NOT 3340-70. MOUNT ANOTHER OR RESPECIFY

Explanation: The user indicated that the device is a 3340-70, but the sense data indicates that a 3340-35 disk pack is actually mounted. A 3340-35 pack has fewer cylinders than a 3340-70 and cannot be formatted as a 3340-70. However, a 3340-70 can be formatted as a 3340-35.

System Action: If the input is being entered from a console, the user is prompted to reenter the device address and device type. If the input is from cards the card in error is printed and the job step is terminated.

User Response: Correct the unit address or device type. Or mount a 3340-70 disk pack in place of the 3340-35.

741E

DEVICE raddr IS zzzz NOT xxxx-nn AS SPECIFIED. RESPECIFY OR NOTIFY SYSTEM SUPPORT.

Explanation: The incorrect device type was entered.

raddr The real unit address of the device type in error.

zzzz The device type that should have been specified.

xxxx-nn The device type and model that was specified.

System Action: The following prompt is displayed to allow the user to re-enter the device address:

ENTER DEVICE ADDRESS (CUU):

User Response: Check the previously entered device address. If it is correct, re-enter the address. The following prompt will then be displayed:

ENTER DEVICE TYPE:

Enter the device type indicated by zzzz in the message text.

If the previously entered device address is incorrect, enter the correct device address, and enter the correct device type in response to the 'ENTER DEVICE TYPE:' prompt.

If the error persists, check that the read device matches the device type entered. If it does, call system support personnel.

751E

INVALID OPERAND - operand

Explanation: The specified operand is invalid:

- The number specified on the MAXCONN option is larger than 65535.
- The PRIORITY keyword on an IUCV directory statement is specified more than once.
- A keyword or a IUCV directory statement is not recognized.
- The MSGLIMIT keyword on an IUCV directory statement was specified more than once.
- The number specified after the MSGLIMIT keyword, on the IUCV directory statement, is larger than 65535.
- PMA does not immediately follow the VIRT=REAL operand on the option card.

System Action: The card image is displayed above the message, and the program is terminated after scanning the remaining statements for syntax.

User Response: Correct the invalid operand in the control statement and resubmit the job.

752E

STATEMENT SEQUENCE ERROR FOLLOWING USER userid

Explanation: A USER definition control statement was determined to be out of sequence following the specified user.

System Action: The statement that is out of sequence is displayed after this message. Directory processing is terminated after the remaining statements are scanned for syntax.

Note: The USER control statement delimits each virtual machine directory description. Therefore, the USER statement must follow the last device description statement, and each OPTION, ACCOUNT, or IPL statement must fall between the USER statement and the first statement describing a device.

With the exception of dummy (NOLOG) users, all users in the directory must have at least one device.

User Response: Place the control statements in the proper sequence or correct the error, and resubmit the job.

753E

OPERAND MISSING

Explanation: Insufficient information is contained in the control statement:

- No number was found after the MAXCONN keyword on the OPTION statement.
- The USERID is missing on the IUCV directory statement.
- *
No number was found after the MAX keyword on the IUCV directory statement.

System Action: The card image is displayed above the error message. The program is terminated after scanning the remaining statements for syntax.

User Response: Provide the missing operand in the control statement and resubmit the job.

754E

DEV raddr NOT OPERATIONAL

Explanation: The device at address raddr is not operational.

System Action: The program is terminated after scanning the remaining statements for syntax.

User Response: Either attach the proper device to the system, or specify the proper device in the DIRECTORY control statement.

755E

I/O ERROR raddr CSW csw SENSE sense

Explanation: An I/O error has been detected.

raddr	the real unit address of the device in error.
csw	the channel status word from the error.
sense	the sense bytes, in hexadecimal, describing the error condition.

System Action: If the error is from the card reader, the program waits for the reader to become ready again. If the error is from the directory volume, the program no longer attempts to write on that volume. (Make sure the program has write access to the directory volume.) In either case, the

program attempts to scan the remaining cards for syntax and then is terminated.

User Response: Resubmit the job. If the error persists, call your system support personnel.

756E

PROGRAM CHECK PSW = psw

Explanation: A program check has occurred in the program, where psw is the program check old PSW.

System Action: The program goes into a disabled wait state after attempting to display the message.

User Response: Take a standalone dump, and call your system support personnel.

757E

MACHINE CHECK

Explanation: A hardware error has occurred while running in standalone mode.

System Action: The program loads a disabled wait state PSW after attempting to print the message.

User Response: Run the standalone SEREP program to document the hardware error, so further analysis can be done. Then attempt to rerun the job. If the error persists, save all output and call your system support personnel. Do not use the SEREP program on 4341, 4381, 308x processor complex, and 3090 processors as you will get invalid results.

758E

DUPLICATE UNIT DEFINITION

Explanation: The control statement is defining a device with a device address that was previously defined for the same user.

System Action: The card image is displayed above the message. The program is terminated after scanning the remaining statements for syntax. Note that checking for duplicate devices may be suspended for an individual user after the first 90 device control statements.

User Response: Remove or correct the duplicate definition, and resubmit the job.

760E

NOT ENOUGH SPACE ALLOCATED FOR DIRECTORY

Explanation: There is insufficient space on the directory volume to continue building the directory.

System Action: The program is terminated after scanning the remaining statements for syntax. Writing is suspended on the directory device. The message is reissued for each additional cylinder of count-key-data space needed by the directory program. It is not reissued for FB-512 devices.

User Response: Using the Format/Allocate program, allocate more space on the directory volume. Note that the Directory program always starts building a new directory on a fresh cylinder or separate extent and does not overlay an existing directory written on the directory volume. After the directory is successfully updated, the space used by the old directory is marked as available for use by the next directory to be created.

761E

VOLID READ IS valid1 NOT valid2 (ON raddr)

Explanation: The wrong volume is mounted on the device described by the DIRECTORY control statement.

valid1 the volume serial number from the directory volume.
valid2 the volume serial number described by the DIRECTORY
 statement.
raddr the address of the device on which the device is mounted.

System Action: The program is terminated after scanning the remaining statements for syntax.

User Response: Correct the DIRECTORY control statement, or mount the proper volume on the device described by the DIRECTORY control statement.

762E

DIRECTORY STATEMENT MISSING

Explanation: The first control statement detected by the program was not a DIRECTORY control statement.

System Action: The program is terminated after scanning the remaining statements for syntax.

User Response: Place the DIRECTORY statements in front of the other control statements, and resubmit the job.

763E

INVALID FILENAME OR FILE NOT FOUND

Explanation: This message appears only if running under CMS. The filename and/or filetype and/or filemode specified on the CMS command line could not be found on the CMS files currently logged in. The default filename, filetype, and/or filemode is USER DIRECT *.

System Action: RC = 1
Execution is terminated.

User Response: Reenter the CMS command; describe the proper CMS file containing the DIRECTORY control statements.

764E

ERROR IN routine

Explanation: routine is the name of the CMS routine in error from the first eight characters of the CMS parameter list. The CMS return code generated by the error is returned in the following manner:

RDBUF - the CMS return code plus 100.
TYPLIN - the CMS return code plus 200.

For a description of the return codes associated with RDBUF, see CMS message 901T. The following are TYPLIN return codes and their meanings:

Code	Meaning
20	An illegal character appears in the fileid.
24	A parameter is invalid, the fileid is incomplete, the line number is invalid, no option was specified, or the column specified exceeds the record length.

Code	Meaning
28	The file was not found.
32	The file is not a library, or there are no entries in the library.
100	An error occurred while reading the file.

System Action: The program is terminated after scanning the remaining statements for syntax.

User Response: Correct the error as indicated by the CMS return code, and resubmit the job.

800E COMMAND REJECTED, OTHER VIRTUAL MACHINES LOGGED ON

Explanation: Virtual machines, other than the V=R machine and the system operator's, were logged on.

System Action: None.

Operator Response: Reissue the command after establishing that only the two valid machines are logged on the system.

801E FREE STORAGE PAGE IS NOT AVAILABLE

Explanation: Free storage cannot be obtained for saving the CP PSA, therefore, the transition was not made.

System Action: None.

Operator Response: Reissue the command when more free storage is available.

802E COMMAND REJECTED, DEVICES NOT DEDICATED

Explanation: All devices (except the console and virtual spooling devices) must be dedicated devices.

System Action: None.

Operator Response: Reissue the command after verifying that all devices are dedicated.

803E COMMAND REJECTED, SPOOL DEVICES NOT DRAINED

Explanation: All CP spool devices have not been drained.

System Action: None.

Operator Response: Reissue the command after all CP spool devices have been drained.

804E SINGLE PROCESSOR MODE ON REJECTED, error condition

Explanation: Single processor mode was not established because of one of the following error conditions:

- SYSTEM NOT IN UP MODE
- V=R AREA DOES NOT EXIST
- MP HARDWARE FEATURE NOT AVAILABLE
- V=R AREA NOT LOCKED
- TRACING ACTIVE

- ADSTOP IN EFFECT
- REQUIRED PROCESSOR OFFLINE

If **TRACING ACTIVE** appears in the message text, the V=R user is tracing branches (BR), instructions (INSTR) or ALL. If **REQUIRED PROCESSOR OFFLINE** appears in the message text, the V=R virtual machine was IPLed on the processor that is now offline.

System Action: If **REQUIRED PROCESSOR OFFLINE** appears in the message text the V=R virtual machine was placed in console function mode and issued message DMKMCT 626E. Otherwise, none.

Operator Response: If **REQUIRED PROCESSOR OFFLINE** appears in the message text, VARY the required processor online and the other offline. Reissue the SPMODE ON command. Use the SPMODE ON command only when the proper conditions are satisfied.

806E

COMMAND REJECTED, VIRTUAL ADDRESS NOT EQUAL TO REAL ADDRESS

Explanation: The virtual device address was not the same as the real device address.

System Action: None.

Operator Response: Reissue the command after this condition is corrected for the V=R virtual machine.

807E

COMMAND REJECTED, VM/SP ATTACHED PROCESSOR MODE

Explanation: VM/SP was not in uniprocessor mode.

System Action: None.

Operator Response: Issue the QVM command when the system is in uniprocessor mode.

808I

SINGLE PROCESSOR MODE ACTIVE

Explanation: One of the following occurred:

- Single processor mode has been turned on.
- SPMODE environment has been successfully reestablished (through V=R recovery) following an ABEND.

System Action: None.

Operator Response: None.

809E

COMMAND REJECTED, TRACE/ADSTOP/CCW TRANS IN EFFECT

Explanation: The transition cannot be made for the V=R virtual machine if tracing or adstop is being used.

System Action: None.

Operator Response: Turn off tracing or adstop for the V=R virtual machine and reissue the QVM command.

812E

MSSF RESPONSE CODE TO VARY CP {ON|OFF} IS nnnn

Explanation: A vary processor on/off was issued by the operator and the MSSF returned an error code of nnnn to the MSSF CALL VARY CP ON/OFF operation.

where:

nnnn is the MSSF return code to VARY CP ON/OFF command.

Code	Meaning
0000	Invalid data block address
0040	MSSF is unable to vary on the control program (CP)
0100	Data block address is not on a 2k boundary
01F0	Invalid command or identification byte
0200	Data block length is not in 8-byte increments
02F0	MSSF is busy with another task
0300	Data field is not adequate for amount of requested storage information
03F0	Invalid CP identifier
04F0	CP assigned to another partition
05F0	CP assigned to a S/MR configuration
08F0	For VARY CP ON code only. The number of CP's in the configuration equals maximum number supported.

System Action: Processing continues for a VARY OFFLINE command. The processor is logically offline to VM/SP HPO. For a VARY ONLINE command, the system continues to run in UP mode.

Operator Response: None.

Note: If this message is received for a VARY processor online, the VARY command fails and the system continues to operate in UP mode.

850I

UNABLE TO READ DUMP FROM READER

Explanation: The VMFDUMP command was unable to read the 3704/3705 dump or the system abend dump from the CP spool file through the CMS card reader. This could be because:

- The reader is not at address 00C
- The reader at 00C is already in open status from a previous operation
- The device in the virtual machine at 00C is not a CP spool card reader device.

User Response: Verify that the virtual machine configuration is correct for performing a VMFDUMP operation and that the card reader at 00C is a spool card reader in closed status.

851I

TEN DUMP FILES ALREADY EXIST

Explanation: The command has not been executed because ten dump files with names DUMP00 through DMP09 already exist on the CMS disk being accessed.

System Action: The command is terminated.

User Response: Purge one or more of the unwanted dump files or rename any of the existing dump file using the CMS RENAME command. Reissue the command so that a dump file can be automatically created.

852I

FATAL I/O ERROR WRITING DUMP

Explanation: An unrecoverable I/O error occurred during the writing of the 3704/3705 dump or the system abend dump on the CMS disk being accessed. The message is preceded by CMS error messages for the disk function.

User Response: Reissue the command after taking action to bypass the I/O errors on the CMS disk being accessed.

853I

NO DUMP FILES EXIST

Explanation: The VMFDUMP command was specified, and the return from the CP interface indicates that no dump files exist for this user.

User Response: Verify that the dump files produced by the CP system have the userid and the class required, and that this user's userid and class on the card reader match that of the dump, so that a dump file can be read. If no dump files exist, VMFDUMP does not have to be issued. If the dump file exists under a different userid, have the operator transfer that file to the required userid, so that it can be accessed. Also, verify that the input class of the spool card reader at 00C is class D, so that it can read the dump file.

861E

DUMP FILE filename NOT FOUND

Explanation: The command was specified requesting a printout of a specific dump file, and that file could not be found on the CMS disks that were currently accessed.

User Response: Verify that the correct dump file was specified and that the correct disks are accessed by CMS. Then reissue the command, requesting the specified dump file.

863E

INVALID PARAMETER - parameter

Explanation: The command was specified with a list of options, one of which is not recognized by the command.

System Action: The command is not executed.

User Response: Reissue the command; specify only valid options as defined in the command syntax.

864I

PAGE REFERENCED NOT AVAILABLE WHILE EDITING xxxxxxxx

Explanation: During the format dump phase of the VMFDUMP command, a page was referenced in one of the CP control blocks (identified by 'xxxxxxx'), and that page is not available because it is beyond the range of the CP nucleus.

System Action: VMFDUMP attempts to continue formatting at the next valid control block.

User Response: No action can be taken on the part of the user to circumvent this problem since it usually indicates CP system software failures that caused the addressing of unreferenced pages.

900W

SYSTEM RECOVERY FAILURE; PROGRAM CHECK

Explanation: The system checkpoint routine encountered a program check while trying to checkpoint or warm start the system.

System Action: The system enters a disabled wait state (wait state code 007).

Note: The general registers, old program PSW, and the program interrupt code are restored to the values at the time of the program check, before entering the wait state.

Operator Response: This message usually indicates severe system problems with the spooling files, system accounting data, or other system data needed for warm start. It is usually impossible to continue system operation without clearing storage and performing a checkpoint start. If a system dump to printer or tape preceded this message, the system programmer has enough information to determine the cause of the failure and the resultant program check during system recovery. The first 12000 bytes (hex 3000) of storage contain the checkpoint module (DMKCKP), work area and a 4096-byte buffer used by checkpoint. This area should be dumped using a standalone dump. If a system dump to printer or tape did not precede this message, do a complete storage dump.

901W

SYSTEM RECOVERY FAILURE; MACHINE CHECK

Explanation: During the system recovery checkpoint or warm start phase, a machine check occurred.

System Action: The system enters a disabled wait state (wait state code 007).

Operator Response: IPL the system to retry the checkpoint function. If the failure persists, it usually indicates hardware problems. Keep the SEREP output and call your local representative for assistance. Do not use the SEREP program on 4341, 4381, 308x processor complex, and 3090 processors as you will get invalid results.

Notes:

1. *If the failure occurred during the checkpoint phase (system shutdown, system crash or an IPL with an active system in storage), a CKPT start is required if storage is cleared or overlaid.*
2. *If the failure occurred during an attempt to warm start, CKPT start, or force start, the warm start data or the warm start cylinder(s) remains intact.*

SYSTEM RECOVERY FAILURE; FATAL I/O ERROR-{NUCL AREA|WARM AREA}

Explanation: During the system checkpoint or warm start phase, an unrecoverable input/output error occurred on the system residence volume.

NUCL AREA	The warm start phase had an I/O error on the system residence device trying to read module DMKSAV from the nucleus area.
WARM AREA	The checkpoint phase had an I/O error on the system residence device trying to read from or write to the warm start area.

System Action: The system enters a disabled wait state (wait state code 007).

Operator Response: IPL the system to retry the checkpoint or warm start function. If this is unsuccessful, move the IPL volume, if possible, to another drive and retry the IPL. If the problem persists, dump the first 1200 bytes (hexadecimal 3000) of storage using a standalone dump.

For FB-512 devices, dump the first 38912 bytes (hexadecimal 9800) of storage using a standalone dump.

Notify your system programmer to determine the proper nucleus or warm start area specified in module DMKSYS (SYSRES statement) at system generation time.

The nucleus or warm start area can be dumped to tape or printed to the system printer by using DDR (DASD Dump Restore program) with the DUMP or PRINT option. The output should be available before calling for hardware or program assistance.

The following storage locations contain information on the fatal I/O error:

Hexadecimal Location	Contents
10	Sense data up to 24 bytes
40	Channel status word (8 bytes)
48	Channel address word (4 bytes)
808	Pointer to error message (4 bytes)
816	Cylinder address of the first nucleus cylinder (2 bytes)
818	Cylinder address of the last nucleus cylinder (2 bytes)
81C	BBCCHHR of the DMKSAV module on disk (5 bytes)
820	Device class of SYSRES device (RDEVTYPE)
824	Current seek address BBCCHHR (5 bytes)
828	BBCCHHR of the DMKSAV module on disk (count-key-data) or locate block number (FB-512)
848	Current seek address BBCCHHR (count-key-data) or locate block number (FB-512)
800-9800	Checkpoint program (DMKCKP), checkpoint work areas, and I/O buffers.

If the SYSRES device is FB-512 (RDEVTYPE = CLASFBA), the contents of the following hexadecimal locations are changed:

816	Page address of the first page of the CP nucleus (4 bytes)
822	Page address of the last page of the CP nucleus (4 bytes)

Notes:

1. *It may be necessary to format the area in error using the Format service program.*
2. *If the nucleus area is reformatted, the CP nucleus must be restored to the system volume.*
3. *The status of the console can prevent the display of message DMKCKP960I and DMKCKP961W.*

903W

**SYSTEM RECOVERY FAILURE; VOLID valid ALLOCATION ERROR
{Cylinder|cylinder|PAGE page}**

Explanation: During a system warm start or CKPT or FORCE start phase, one of the warm start or CKPT start data records indicates allocation on a cylinder (count-key-data) or page (FB-512) on a system-owned volume that either:

- Is not specified in the allocation table as belonging to the system temporary spool space allocation, or
- Is already marked as allocated.

The possible causes are:

- A change in the system-owned list. (New volumes must be added to the end of the SYSOWN list when you define the SYSOWN MACRO.)
- A change in the allocation specifications on the SYSPAG MACRO.
- A change to the allocation record on a spooling volume from TEMP to PERM, TDSK or DRCT (Format/Allocate program).
- Duplicate labeled volume.

System Action: The system enters a disabled wait state (wait state code 00E).

Operator Response: IPL the system again to attempt another warmstart or CKPT start. The start cannot complete if the allocation error is due to a software failure. This message, however, could be issued if the volume identified as being a spooling volume is invalid. Verify that all system spooling volumes are correctly allocated and mounted before attempting another warmstart or CKPT start.

904W

SYSTEM RECOVERY FAILURE; INVALID WARM START DATA

Explanation: During a system warm-start procedure, the warm start module encountered invalid warm start data from the warm start area on the system residence volume.

System Action: The system enters a disabled wait state (wait state code 009).

Operator Response: This message indicates that severe problems have been encountered with the warm start information in the warm start area on the system residence volume. You may IPL the system again to retry operation. It is likely that a software failure has occurred and that retrying the operation will result in the same error. When this happens, the only alternative is to IPL the system and specify a CKPT start. If the problem persists, do the following:

- Force a CP abend dump to the printer by pressing the RESTART key.
- Print the contents of the warm start area located on the system residence volume using the DASD Dump Restore program with the PRINT option.

Save this output and give it to the IBM program support representative to analyze.

905W

SYSTEM DUMP FAILURE; PROGRAM CHECK

Explanation: During the system abend process, the dump routine encountered a program check.

System Action: The system enters a wait state.

Operator Response: The dump has failed, and you must IPL the system again after the abend dump and go through normal system initialization and warm start procedures.

906W

SYSTEM DUMP FAILURE; MACHINE CHECK

Explanation: During the system ABEND dump procedure, a machine check occurred.

System Action: The system enters the wait state.

Operator Response: Run the SEREP program and keep the output before calling IBM for hardware support; reload the system and go through normal initialization and warm start procedures. Do not use the SEREP program on 4341, 4381, 308x processor complex, and 3090 processors as you will get invalid results.

907W

SYSTEM DUMP FAILURE; FATAL I/O ERROR

Explanation: During the system abend dump procedure, an unrecoverable I/O error occurred on the system residence volume that is holding the disk dump. The system dump is unable to continue.

System Action: The system enters the wait state.

908I

SYSTEM FAILURE; CODE - code; PROCESSOR nn

Explanation: The CP system has encountered a severe software failure, which caused a system dump. 'nn' represents the processor address in decimal format. (See "CP Abend Codes" for a description of why a system dump has been caused.)

Note: Message will not print if the console is busy or has been detached, but the system abend dump will still complete.

System Action: This message is immediately followed by a system abend dump to the dump device, and then automatic or normal restart procedures are initiated.

Operator Response: On 4341 processors, verify that you did not IML a VSE microcode load. Otherwise, save the failure code printed at the console, including the documentation of activity prior to the problems with system operation, and call IBM for software support.

909W

SYSTEM DUMP DEVICE; NOT-READY

Explanation: It is not possible to write on the system dump device because it is not in a ready state.

System Action: The system enters a wait state.

Operator Response: Make the system dump device ready; the dump operation then continues.

910W

SYSTEM RECOVERY FAILURE: INVALID WARM START AREA

Explanation: During a system checkpoint phase, the checkpoint module reads record one of the first warm start area and compares the tight-byte clock value written by the previous successful cold or warm start against the in-storage value saved in DMKRSPCV. If the values do not agree:

- The IPL volume is not the correct volume to checkpoint the in-storage system, or
- The warm start area has been altered since the last cold or warm start, or
- The value located at DMKRSPCV in storage has been altered since the last cold or warm start, or
- The warm start area address at DMKSYSWM has been altered since the last cold or warm start.

System Action: The system enters a disabled wait state (wait state code 007).

Operator Response: If more than one VM/SP HPO system residence volume is mounted, make sure the correct volume is loaded (via IPL) to checkpoint the in-storage system. If the problem persists, the following should be done:

- A dump of storage using a standalone dump.
- A printout of record one of the warm start cylinder of all VM/SP HPO system residence volumes mounted (use the DDR PRINT function).

- To restart, clear storage and IPL the VM/SP HPO system, specifying checkpoint start.

911W

SYSTEM RECOVERY FAILURE: WARM START AREA FULL

Explanation: During a system checkpoint phase, the warm start area could not contain all the warm start data.

System Action: The system enters a disabled wait state (wait state code 007).

Operator Response: This message usually indicates either:

1. A system problem with the spooling files, system accounting data, allocation records and other system data needed for the warm start area, or
2. An insufficient number of cylinders assigned for warm start (specified in the DMKWARM option of the SYSRES macro).

It is usually impossible to continue system operation without clearing storage and performing a system checkpoint start. If a system dump to printer or tape preceded this message, it should give the system programmer enough information to determine the cause of the failure and the resultant checkpoint failure. The first 12000 bytes (hexadecimal 3000) of storage contain the checkpoint module, work area, and a 4096-byte buffer used by checkpoint (DMKCKP).

For FB-512 devices, the first 38912 bytes (hexadecimal 9800) of storage contain the checkpoint modules, work areas, and I/O buffers.

If the problem persists, call your system support personnel.

912W

SYSTEM RECOVERY FAILURE; VOLID 'valid' NOT MOUNTED

Explanation: During the system warm start or checkpoint start procedures, the warm start or checkpoint start data indicates that spool files are allocated on a system volume and that the requested volume is not mounted.

The possible causes are:

- Volume not mounted.
- Allocation record (record 4) missing or invalid.

System Action: The system enters a disabled wait state (wait state code 009).

Operator Response: Mount the specified volume required for CP warm start or checkpoint start procedures and IPL the system again. If this is unsuccessful, you may IPL the system again and specify a cold start. If the problem persists, do the following:

- Force a CP abend dump to the printer by pressing the RESTART key.
- Print the contents of the warm start or checkpoint start cylinder(s) or area located on the system residence volume, using the DDR (DASD Dump Restore) program with the PRINT option. The address of the warm start cylinder(s) or area can be located by the system programmer

in the SYSWRM operand of the SYSRES macro; the address of the checkpoint start cylinder(s) or area is in the SYSCKP operand.

Save this output and call IBM for software support.

913I

CP OWNED VOLID xxxxxx INVALID FOR 3330V

Explanation: 3850 support makes no provision for using 3330V volumes for CP-owned volumes. 3330V volumes cannot be used for paging or spooling.

System Action: After a 3330V volume label has been read and determined to be CP-owned, an informational message is issued. The RDEVBLK/RCUBLOK/RCHBLOK is marked available and processing continues with the next device. The message notifies the user that DMKCPI does not chain the 3330V RDEVBLK into the preferred list for paging or spooling.

User Response: None.

914I

TRACE TABLE IS SMALLER THAN REQUESTED

Explanation: Failing storage frames were detected during CP initialization. This is a hardware error. This condition made it impossible to allocate the requested number of contiguous trace table pages. Message 923I and probably message 924I were received prior to this message.

System Action: The system has allocated a smaller trace table. The system will continue to operate normally.

Operator Response: Notify your system support personnel of this problem.

915E

PERMANENT I/O ERROR ON CHECKPOINT AREA

Explanation: An I/O error has occurred while trying to read or write the checkpoint area.

System Action:

1. If this occurs during a warm or CKPT start, the system issues message DMKCKS919E and enters a wait state with wait state code X'00E'.
2. If it occurs while the system is operating normally, dynamic checkpointing is terminated.

Operator Response:

1. If this is the first time you have initialized this system, check the DMKRIO deck to make sure you have specified the proper device type for the system residence volume.
2. If this is not the first IPL of this system, try to IPL the system again. If this fails, move the VM/SP HPO SYSRES volume to another device and reload (via IPL). If this IPL fails, perform a cold start.
3. At this point, checkpointing has been terminated, so the system is running without a dynamic checkpoint capability. Quiesce the system and issue a normal SHUTDOWN command, then attempt a warm start. If the error persists, reformat the checkpoint cylinders or area with the FORMAT service program and try again to warm start. If this fails, a cold start is required.

916E

ERROR ALLOCATING SPOOL FILE BUFFERS

Explanation: In attempting to follow the chain of DASD buffers for a spool file, an error was encountered in trying to read one of the buffers.

System Action:

1. If CKPT was specified, the system enters a disabled wait state, with wait state code X'00E'.
2. If FORCE was specified, the file on which the error occurred is deleted and the system continues to recover from the checkpoint cylinder or area.

Operator Response:

1. If the system enters the X'00E' wait state, attempt an IPL with the FORCE option.
2. If FORCE was specified, you should not allow any users to log on to the system. The system should be devoted to reclaiming and putting out as many spool files as possible. Note that at least one spool file was not recovered properly. When you have finished processing the spool files, reinitialize the system with the cold (COLD) start option.

917E

CHECKPOINT AREA INVALID; CLEAR STORAGE AND COLD START

Explanation: The CKPT cylinder or area contains no valid information for recovery.

System Action: The system enters a disabled wait state (wait state code 00E).

User Response: There is no valid checkpoint data and, if there is no warm start data, storage must be cleared and a cold start performed.

918I

SYSTEM DUMP FAILURE; STATUS NOT STORED FOR ABENDING PROCESSOR

Explanation: A STOP-STORE status operation could not be successfully completed. The status from the non-abending processor will be zeros or invalid. The dump will continue to process.

System Action: None.

User Response: None.

919E

CHECKPOINT AREA INVALID; CHECKPOINTING TERMINATED

Explanation: The CKPT area has been invalidated and checkpointing will no longer be performed. The reason should have appeared in a previous message.

System Action: Checkpointing cannot resume until the system is reloaded (via IPL).

Operator Response: With knowledge that a subsequent CKPT start will fail, the operator should follow installation procedure in this matter. Probably, the safest procedure is to quiesce the system and perform a normal shutdown. Then, a subsequent warm start will reinitialize the CKPT cylinder

or area so that checkpointing can resume. Note that continued system operation and a subsequent failure to shut down normally makes a cold start mandatory.

920W

NO WARM START DATA; CKPT START FOR RETRY

Explanation: The operator has specified a warm start and the warm start cylinder of the system residence volume has no warm start data. This message is usually issued when an IPL is performed on a new CP system for the first time, or when the last checkpoint was not successful.

System Action: The system enters a disabled wait state (wait state code 009).

Operator Response: Try to reinitialize the system with the CKPT start option.

921W

SYSTEM RECOVERY FAILURE; UNRECOVERABLE I/O ERROR

Explanation: During the system warm start phase, an unrecoverable input/output error occurred on the system residence device while the system was either trying to write record one of the first warm start cylinder or area or trying to read warm start information from the warm start area.

System Action: The system enters a disabled wait state (wait state code 009).

Operator Response: IPL the system again to retry the warm start function. If this is unsuccessful, the IPL volume, if movable, could be moved to another drive and the IPL retried.

Warning: A volume should never be moved if it is visibly damaged; discontinue use of this volume and device and call IBM for hardware support.

If this second IPL is unsuccessful, you may IPL the system again and try a CKPT, FORCE or COLD start, in that order. The DMKDAS5xxI error message preceding this message gives the command op-code, device address, sense data and channel status word associated with this error. If the problem persists, force a CP dump to the printer by pressing the system console RESTART key. Save the output and call your system support personnel to determine whether the problem is hardware or software. Then call IBM for the appropriate support.

Note: The warm start cylinder(s) or area(s) may have to be reformatted using the FORMAT service program to prevent unrecoverable I/O errors during the next system checkpoint.

922W

SYSTEM RECOVERY FAILURE; INVALID SPOOLING DATA

Explanation: During the system checkpoint phase, the checkpoint module encountered an invalid spool allocation record in storage.

System Action: The system enters a disabled wait state (wait state code 007).

Operator Response: This message usually indicates severe system problems with the system spooling allocation records. It is usually impossible to continue system operation without clearing storage and performing a checkpoint start. If a system dump to printer or tape preceded this message,

it should give the system programmer enough information to determine the cause of the failure and the resultant checkpoint failure. The first 12000 bytes (hexadecimal 3000) of storage contain the checkpoint module, work area and a 4096-byte buffer areas, and I/O buffers used by checkpoint (DMKCKP). This area should be dumped using standalone dump procedures.

For FB-512 devices, the first 38912 bytes (hexadecimal 9800) of storage contains the checkpoint module, work areas, and I/O buffers used by checkpoint (DMKCKP). This area should be dumped using standalone dump procedures.

If a system dump to printer or tape did not precede the message, the complete storage should be dumped.

923I

FAILING STORAGE FRAME AT LOCATION rstor

Explanation: The system has detected a failing storage frame. This is a hardware error.

where:

rstor is the real address of the failing storage frame.

System Action: System operation continues.

Operator Response: Notify your system support personnel of this problem.

924I

xxxx ADDITIONAL FAILING STORAGE FRAMES EXIST

Explanation: The System has detected unusable page frames. This is a hardware error. Message 923I has been issued four times prior to this message.

where:

xxxx is the number of failing storage frames less four.

System Action: System operation continues.

Operator Response: Notify your system support personnel of this problem, immediately.

925I

SYSTEM AUTO DUMP REALLOCATED TO DASD raddr

Explanation: The system dump has been reallocated on the DASD raddr. This condition occurred due to either the operator processing or purging an existing dump file or issuing the command 'SET DUMP AUTO'.

System Action: The system continues normal operation.

Operator Response: None. However, the operator has an option to SET the dump to the printer or tape.

927W

STORAGE ALLOCATION HAS BEEN ALTERED. FREE OR TRACE WAS TOO LARGE.

Explanation: The FREE or TRACE parameter specified on the SYSCOR macro is too large, and the minimum dynamic paging area (DPA) size requirement was not met.

System Action: The FREE, TRACE, and PRIME areas of storage are all decreased by the same percentage in an attempt to meet the DPA requirement. If the new TRACE size is smaller than the default size, the default size is used and FREE is again decreased enough to compensate for the change in TRACE.

Operator Response: No action is required. If your installation does not desire the new FREE, TRACE, or PRIME sizes, have your system programmer change the appropriate parameters on the SYSCOR macro and then re-generate the system.

950A

OPERATOR NOT LOGGED ON; EXPLICIT LOGON REQUIRED

Explanation: The operator has not been automatically logged on. There is no directory entry corresponding to the userid of the operator as coded in the SYSOPR macro. (After macro expansion, the userid of the operator which was coded in the SYSOPR macro is found in the field DMKSYSOP.) One of the logon failure messages that preceded this message may give more information.

System Action: The system enters a normal wait state while waiting for the operator to reply to the console and perform a normal logon.

Operator Response: Perform a normal logon as specified in the *VM/SP HPO Operator's Guide*, entering the required password. The system can then resume normal operation.

951I

CP VOLID volid NOT MOUNTED

Explanation: One of the volumes specified in the system-owned list is not mounted at system initialization time.

System Action: System processing continues.

Operator Response: No operator action is explicitly required at this time; however, you may have to mount and make ready specified system volumes later during system operation and attach them to the system for normal CP usage. This message usually indicates that a normally required volume for paging or spooling either is not formatted or is not available at IPL time. Make sure that all volumes are mounted and ready before loading the CP system. It may be necessary to bring the system to an orderly shutdown, remedy the situation, and IPL the system again, using normal initialization and warm start procedures.

952I

nnnnnK SYSTEM STORAGE

Explanation: During the system IPL procedure, the system determined that the amount of real storage available is not the same as the amount of storage specified for the system at system generation time. If the processor is a 4331, 4341, or a 4381, control storage may have overflowed into main storage.

System Action: The system continues normal operation.

Operator Response: Determine that no unusual hardware reconfiguration has taken place, and bring the message to the attention of your system programmer so that he can verify that normal system operation is in effect. He should also verify that the RMSIZE operand, specified in the SYSCOR macro of the DMKSYS module during system generation, is correct. If it is not, regenerate the system with the correct storage size, so that this message will not be issued during normal operation of the system. If the RMSIZE operand is correct, real storage may have been damaged due to a hardware problem; call IBM for hardware support.

953I

UNABLE TO ALLOCATE SYSTEM AUTO DUMP

Explanation: During the system IPL procedure, the CP system was unable to find enough contiguous disk space to hold a possible CP abend dump.

System Action: The system continues normal operation.

Operator Response: No action on the part of the operator is necessary. The system dump has been set to the default of the system printer. The operator may change the dump to another printer or tape drive but may not specify AUTO since it has not been allocated.

954E

DASD raddr VOLID volid NOT MOUNTED; DUPLICATE OF DASD raddr

Explanation: During the system IPL procedure, duplicate volume IDs were identified on two disk volumes. The message indicates that it was a duplicate of a previous volume label read on an earlier device.

System Action: The system continues normal operation.

Operator Response: Immediately verify that the correct volume is mounted as the one accepted on the specified device. If it is not, severe system errors could occur since CP may perform incorrect allocation on the volume specified. Immediately stop the system, bring it to an orderly shutdown, and remove the incorrect duplicate volume from the system. This message and the duplicate volumes usually occur after a system restart when users have attached and mounted on the system volumes with labels similar to those of other users or similar to the CP system volumes. This should be avoided wherever possible.

955W

INSUFFICIENT STORAGE FOR VM/SP HPO

Explanation: The generated system is larger than the real machine size, or a hardware malfunction has occurred which inhibits the system from using the necessary storage.

System Action: The system enters the wait state.

Operator Response: Take a standalone dump and notify the system programmer.

956A

DASD raddr VOLID valid NOT MOUNTED; NOW OFFLINE

Explanation: A DASD volume was swapped while in use by the system (CP owned or attached to the system), and the valid on the new volume is different from the valid of the previously mounted volume, or the valid could not be read.

System Action: The DASD is made unavailable offline. Any I/O activity to the device results in a condition code of 3 being reflected to the caller.

Operator Response: Mount the desired volume and issue the CP command VARY with the ONLINE operand (with the exception of a system-owned or dedicated device).

957I

STOR sssssK, NUC nnnk, DYN ddddK, TRA tttk, FREE FFFFK, V=R vvvvvK

Explanation: This message is issued at system initialization time by DMKCPI and provides a general map of VM/SP system storage. This map is accurate to within one page (4K) and is rounded to page boundaries.

STOR is the amount of storage being used.
NUC is the amount of storage being used by the VM/SP HPO nucleus including real page 0.
DYN is the size of the VM dynamic paging area.
TRA is the size of the trace table.
FREE is the size of the fixed free storage area.
V=R is the size of the virtual=real area.

System Action: The system continues normal operation.

Operator Response: None. This message is for information purposes only.

958I

ATTACHED PROCESSOR NOW OPERATIONAL

Explanation: The real machine initialization routine, DMKCPI and DMKAPI, have completed the necessary processing to support the attached processor. This message will only be received when the installation has requested attached processor support via system generation.

System Action: The system begins utilization of the attached processor.

Operator Response: None.

Note: If this message is received, the 8K required for system prefixing will not appear in the storage map of message 957I.

959W

ATTACHED PROCESSOR NOT ONLINE

Explanation: The installation requested attached processor support during system generation. DMKCPI determined during IPL, that the unit was not online.

System Action: Processing continues without the attached processor.

Operator Response: Reinitialize CP if the attached processor is required.

Note: Since the intent of this message is to provide a warning to the attached processor user, it will only be issued when the multiprocessing feature is installed.

If the system is generated with attached processor support and this feature is not installed, no message is issued.

960I

SYSTEM WARM START DATA SAVED

Explanation: For DMKCKP, this message indicates that the warm start data has been successfully saved on the system residence volume and is ready for a system warm start.

This message is immediately followed by message DMKCKP961W.

System Action: The system enters the wait state after issuing message DMKCKP961W.

Operator Response: None. This message is for information purposes only.

961W

SYSTEM SHUTDOWN COMPLETE

Explanation: The system has been brought to a successful orderly shutdown.

System Action: The system enters the wait state.

Operator Response: No explicit action is necessary. You may now or at a later time reload for reinitialization of the CP system. You should normally specify a warm start; however, if errors are encountered in the warm start procedure, a cold start must be issued.

962I

CP OWNED DASD raddr VOLID valid INVALID ALLOCATION RECORD

Explanation: No valid allocation was found on the CP-owned volume indicated. If DMKVDE issued the message, an ATTACH TO SYSTEM as a system owned device cannot be fulfilled because of errors or inconsistencies detected in the allocation extent map. The device can be used as a DASD containing minidisks.

System Action: The volume is not mounted as a system-owned volume. Operation continues. If the DASD is the system resident device, the message is not issued at the operator's console, but is pointed to by register 1. The system enters a disabled wait with a wait state code of X'01B'.

Operator Response: If the volume is to be used by VM/SP HPO, a valid allocation record must be written with the Format/Allocate Service Program. See the note and follow the instructions described in the explanation of wait state code X'01B'.

963W

SECOND PROCESSOR NOT ONLINE

Explanation: The installation requested multiprocessor support during system generation. DMKCPI determined during IPL that only one processor was available.

System Action: Processing continues without the second processor.

Operator Response: Reinitialize CP if the second processor (in an MP configuration) is required.

Note: Since the intent of this message is to provide a warning to the multiprocessor user, it will only be issued when the multiprocessor feature is

installed. If the system is generated with multiprocessor support and this feature is not installed, no message is issued.

964I

PROC xx INITIALIZED; PROC yy INITIALIZED

Explanation: The real machine initialization routines, DMKCPI and DMKAPI, have completed the necessary processing to support the second processor of an AP (attached processor) or MP (multiprocessor) system. This message will only be received when the installation has requested AP or MP support via system generation; where

where:

xx is the ID of the initialized processor.
yy is the ID of the noninitialized processor.

System Action: The system begins utilization of both processors.

Operator Response: None.

Note: If this message is received, the 8K required for system prefixing will not appear in the storage map of message 957I.

966I

INITIALIZATION COMPLETE

Explanation: The real machine initialization routine(s), DMKCPI (and others), have completed the system initialization necessary to support the running of virtual machines and the execution of operator commands.

System Action: DMKCPI passes control to the dispatcher to start fielding interrupts and LOGON requests.

Operator Response: None.

967I

DISCONNECT userid - SYSTEM RESTARTED (mmmnnn) AND SYSTEM CONSOLE NOT VM OPERATOR CONSOLE

Explanation: This message is issued at system restart after a CP system failure, if the system operator was not logged on to the primary system console at the time the system failure occurred.

where:

userid is the userid of the system operator
mmmnnn is the module issuing the abend
mmm is the module issuing the abend
nnn is the abend number

System Action: The operator virtual machine is disconnected. The system console displays the VM logo and awaits a LOGON command. Console spooling is automatically initiated for the operator virtual machine.

Operator Response: No action is required. You may wish to reconnect to the operator virtual machine by entering a LOGON command specifying the operator's userid and password. The LOGON command may be entered from any enabled terminal (including the system console).

968I

SYSTEM SHUTDOWN REQUESTED

Explanation: This message indicates that since warm start has not been performed, the warm start cylinder from a previous shutdown is still valid. This message is immediately followed by message DMKCPI961W.

System Action: The system enters the wait state after issuing message DMKCPI961W.

User Response: None. This message is for information purposes only.

970W

TOD CLOCK SYNC CHECK RECEIVED

Explanation: The TOD clocks are out of synchronization.

System Action: The system resynchronizes the clocks and continues processing.

Operator Response: Press the TOD Enable Set key when instructed by the system.

971I

SYSTEM IS {UP|AP|MP} GENERATED

Explanation: This message is issued at system initialization time of DMKCPI and identifies the system generation mode specified within module DMKSYS.

where:

UP is the system generated to run in uniprocessor mode only.

AP is the system generated to run on an Attached processor configuration.

MP is the system generated to run on a multiprocessor configuration.

System Action: Having identified the hardware configuration that this system is generated to run on, DMKCPI continues initialization.

Operator Response: None.

Note: This message does not always reflect the way the system will be initialized. UP *generated* systems will always be initialized in UP mode. AP and MP *generated* systems will be initialized in UP mode:

- when the hardware does not have the multiprocessor feature
- when the configurations have the second processor offline.

Conversational Monitor System (CMS) Messages

001E

NO FILENAME SPECIFIED

Explanation: The command requires that you specify at least one filename.

For the EXEC command, specify the name of the EXEC file.

For the MACLIB command, specify at least one filename in addition to the library name.

For the ZAP command, specify a LOADLIB or TXTLIB file you must specify one to three library names.

For the PRELOAD command, specify the name of the loadlist EXEC file.

For the OSRUN command, no LOADLIB member name was specified.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Reissue the command and specify the filename(s), library name(s), or member name.

002E

[INPUT|OVERLAY] {FILE[(S)]|DATA SET|NOTE} [fn [ft [fm]]] NOT FOUND

Explanation: The specified file was not found on the accessed disk(s). Either the file does not reside on this disk, the file identification was misspelled, or incomplete identification was provided to cause the appropriate disk to be searched, or system disk was not accessed as a read-only extension of the A-disk.

For a DMSROS TEXT file, either the file does not have a filemode number of 2, or the file does not exist on the system disk.

For the STATEW command, the file may exist, but it is not on any of the user's read/write disks.

For SETPRT command, the module represented by 'fn ft' does not exist in the current CMS Disk Search Order.

For the ZAP command, either none of the libraries specified for a TXTLIB or LOADLIB could be found, or the INPUT filename could not be located via the STATE macro.

For the PRELOAD command, either the loadlist EXEC, the CNTRL file, or one of the input text files could not be found.

See the *VM/SP CMS Command and Macro Reference* for a description of the file identification required by each command and the search procedure used. For the ASM3705 and ZAP commands, see the *VM/SP HPO Installation Guide*.

System Action: RC = 28

Execution of the command is terminated. The system status remains the same.

For DMSSPR, nothing has been output to the virtual 3800.

For DMSLIO, some loader information fields have been initialized, but they should not interfere with a subsequent LOAD command.

User Response: Find or create the desired file. To make sure that the file exists, issue STATE fn ft * or LISTFILE fn ft *. Correct and reissue the command.

For DMSSPR, access the disk having the required module or respecify a different module in the calling sequence and then reissue the SETPRT command.

For a DMSROS TEXT file, ensure that the file is accessible and reissue the command.

002I

FILE fn [TXTLIB|LOADLIB] NOT FOUND

Explanation: The specified TXTLIB or LOADLIB file was not found on the accessed disk(s). Either the file does not reside on this disk, the file identification was misspelled, or insufficient identification was provided to cause the proper disk to be searched.

This message will also occur in the following situations:

- A user issues a GLOBAL command for a TXTLIB or LOADLIB and then erases or renames the TXTLIB or LOADLIB, or releases the disk on which it resides.
- The CMS segment is not available when the user accesses DMSSVT or an OS disk.

System Action: RC = 0
Execution of the command continues.

User Response: If 'fn TXTLIB' or 'fn LOADLIB' is required for command execution, make sure that it exists and is on a disk that is accessed. Otherwise, ignore the message.

002W

FILE fn ft [fm] NOT FOUND

Explanation: The specified file was not found on the accessed disk(s). Either the file does not reside on this disk, the file identification was misspelled, or incomplete identification was provided to cause the appropriate disk to be searched. (See the *VM/SP CMS Command and Macro Reference* for a description of the file identification required by each command and the search procedure used.)

System Action: DMSGLB issues RC = 28; all other modules issue RC = 4. Execution of the command continues.

For DMSGLB, the old MACLIB or TXTLIB list is cleared and the new list contains all specified libraries except those that are not found.

For DMSGND, there will be no entry in the directory for the file not found.

For DMSLBM, the file not found will not be in the MACLIB. Processing continues with the next filename if one exists.

For DMSLBT, processing continues with the next filename if one exists.

For DMSZAP, if a library name was specified, the next library name (if one is present) is used. If a MODULE file was specified, all control records encountered until the next NAME, DUMP, or END control record are ignored.

User Response: To make sure the file exists, issue STATE fn ft * or LISTFILE fn ft *. Make sure that the disk on which the file resides is accessed.

For DMSGND, if you must have the file not found in the directory, take steps to supply the file. Correct and reenter the command.

For DMSLBM, if the MACLIB exists after execution of the command, use the MACLIB ADD command to add the file to the library.

For DMSLBT, supply the necessary file using the TXTLIB ADD command.

003E

INVALID OPTION option

Explanation: The specified option is invalid:

- It may have been misspelled
- If the option is truncatable, it may have been truncated improperly
- It may conflict with another option in the command line.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

For DMSLIO, some option processing may have caused user storage to be cleared or the location counter set, etc. This should not interfere with a subsequent LOAD command.

User Response: Correct and reenter the command.

004E

{BOOK subl.book|MODULE module|PHASE phase|PROCEDURE procedure} NOT FOUND

Explanation: The specified book, module, phase, or procedure was not found on the accessed disk(s) as a result of a FETCH (SVC 1 or SVC 2).

System Action: RC = 28

Execution of the command is terminated. The system status remains the same.

User Response: To make sure the file exists, issue the command DOSLIB MAP against all DOSLIB files. If the file resides on a DOS-formatted disk, a DSERV will help locate it.

004W

WARNING MESSAGES ISSUED

Explanation: The language processor returned completion code 4.

System Action: RC = 4

The system status remains the same.

User Response: Look for additional messages that may have been issued by the compiler.

005E

NO option SPECIFIED

Explanation: The indicated option was entered in an incomplete form.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Reenter the command, specifying the required data for the option.

006E

NO READ/WRITE [A] DISK ACCESSED [FOR fn ft]

Explanation: You do not have access to a read/write disk on which the command can write its output or files.

In order to execute the command when the message displayed is NO READ/WRITE 'A' DISK ACCESSED, access the A-disk in read/write mode.

If the command was RECEIVE, SENDFILE, or DISCARD (which is equivalent to RECEIVE issued with the PURGE option), the LOG option was in effect and no read/write disk was accessed.

System Action: RC = 36

Execution of the command is terminated. The system status remains the same.

User Response: Access a read/write disk and reissue the command, or issue the CP LINK command to reset the A-disk to read/write mode, access the A-disk again, and reissue the command.

007E

FILE fn ft fm [IS] NOT FIXED, 80 CHAR. RECORDS

Explanation: The specified file must have fixed-length, 80-character records in order for the command to be executed.

System Action: RC = 32

Execution of the command is terminated. The system status remains the same.

For the UPDATE command, the following may have occurred:

- If a file with the fileid "\$fname ftype" existed on the output disk before the command was entered, this file may have been erased.
- If the DISK option was in effect and a file with the fileid "fname UPDLOG" existed on the output disk before the command was entered, this file may have been erased.
- If the CTL option was in effect and a file with the fileid "fname UPDATES" existed on the output disk before the command was entered, this file may have been erased.

- If UPDATE processing began before the error was detected, any or all of the following files may have been created on the output disk:

UPDATE CMSUT1

\$fname ftype

fname UPDLOG - if the DISK option was in effect

fname UPDATES - if the CTL option was in effect

User Response: It is possible that an incorrect fileid was specified in the command line. In this case, reissue the command. If, however, the fileid was correct but the file is in the wrong format or does not contain 80-character records, change the file's format and/or record length with the COPYFILE or EDIT command.

008E

**DEVICE vaddr {INVALID OR NONEXISTENT|UNSUPPORTED
DEVICE TYPE}**

Explanation: The virtual machine does not have a virtual 1403 or 3211 printer, punch, or reader.

System Action: RC = 36

Execution of the command is terminated. The system status remains the same.

User Response: Use the CP DEFINE command to provide a suitable virtual device and reissue the command.

008W

ERROR MESSAGES ISSUED

Explanation: The language processor returned completion code 8.

System Action: RC = 8

The system status remains the same.

User Response: Look for additional messages that may have been issued by the compiler.

009E

COLUMN col EXCEEDS RECORD LENGTH [(nn)]

Explanation: The column specified lies outside the logical record length of the file.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Reissue the command, specifying the correct column.

010E

PREMATURE EOF ON FILE (fn ft [fm]|NUMBER nn)

Explanation: For DMSCMP, an end of file occurred on one of the files being compared before the end of file was received on the other.

For DMSTPE, a tape mark was encountered on the file before the file was completely loaded. Since the FST is the last record of the file, the filename and filetype of the file in error are not available. Instead, the number of the file being read is given. This number represents the number of files read since the last tape command was issued.

System Action: RC = 40

Execution of the command is terminated. The system status remains the same.

For DMSTPE, a temporary file called "TAPE CMSUT1" containing the data has been created on the A-disk or on the disk specified by the user. "TAPE CMSUT1" contains fixed-length, 800-byte records.

User Response: For DMSCMP, this normally indicates that the files being compared had an unequal number of records. If the command was properly specified, no action is necessary.

For DMSTPE, the file may have to be dumped to tape again.

010W

PREMATURE EOF ON FILE fn ft fm -- SEQ NUMBER NOT FOUND

Explanation: The update file contained an error. A control card specified a search for a sequence number which exceeded the value of any sequence number in the file being updated. As a result, a premature end of file occurred on the input file being updated, before the sequence number specified in the control card could be found.

System Action: RC = 12

Update processing continues, and, if the CTL option was specified, additional update passes are made.

If several warning messages are generated during the updating process, the final return code when the UPDATE command has finished processing is the maximum of all return codes (4 or 8 or 12) associated with the generated warning messages. The REP option, if it was specified, is ignored, and the final update deck has the fileid '\$fname ftype'.

See the explanation of message DMSUPD177I for further information on the meanings of the UPDATE warning return codes.

User Response: Correct the invalid control card in the update file, and reenter the UPDATE command.

011E

CONFLICTING FILE FORMATS

Explanation: The filetypes specified do not have the same record format; that is, one is fixed-length and one is variable-length, or the record lengths differ.

System Action: RC = 32

Execution of the command is terminated. The system status remains the same.

User Response: Change the record format with the COPYFILE command.

012W

SEVERE ERROR MESSAGES ISSUED

Explanation: The language processor returned completion code 12.

System Action: RC = 12

The system status remains the same.

User Response: Look for additional messages that may have been issued by the compiler.

013E

MEMBER name NOT FOUND IN LIBRARY [fn ft fm|libname]

Explanation: The specified member was not found in the library.

System Action: RC = 32

Execution of the command is terminated. The system remains in the same status as before the command was entered.

User Response: Use the MACLIB MAP, TXTLIB MAP, or LOADLIB LIST command to display the names of library members.

013W

{MEMBER|PHASE} name NOT FOUND IN LIBRARY fn ft fm

Explanation: The member or phase specified was not found in the specified library. If REPLACE was specified, the new member is added.

System Action: RC = 4

Processing continues with the next filename.

User Response: None.

014E

INVALID FUNCTION function

Explanation: The keyword 'function' specified is misspelled or invalid. For the DEFAULTS command, a function other than SET or LIST was specified.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same, with the following exceptions:

For DMSOVR, SVCTRACE is turned off if it was previously on.

For DMSTPE, if the DEN, TRTCH, 7TRACK, or 9TRACK options were specified, the modeset byte has been set for the specified device (TAP_i, where: *i* = 1, 2, 3, 4,) or TAP1.

User Response: Reenter the command, specifying a valid function.

015E

**{UNKNOWN {CP/CMS|CMS|CP} |INVALID {CMS|SUBSET}}
COMMAND**

Explanation:

UNKNOWN CP COMMAND

indicates that IMPCP (implied CP) was on so the command was passed to CP, but no CP command could be found with the name entered.

UNKNOWN CMS COMMAND

indicates that no CMS command, CMS or user EXEC file, or user MODULE file exists by the name entered.

UNKNOWN CP/CMS COMMAND

indicates that no CP or CMS command could be found with the name entered.

INVALID CMS COMMAND

indicates that an error has occurred in LOADMOD.

INVALID SUBSET COMMAND

indicates that the loader has tried to load a routine at an address equal to or higher than X'20000'. The command you issued may be a valid CMS command, but not a valid subset command.

System Action: A positive return code is passed if an error occurs in CP processing. A negative return code is passed if the command entered is considered an invalid CMS command. The system status remains the same.

User Response: Enter a command.

016E

NO PRIVATE CORE IMAGE LIBRARY FOUND

Explanation: The private Core Image Library called does not exist on the accessed disk, or the DLBL was incorrect.

System Action: RC = 28
Execution is terminated. System status remains the same.

User Response: Access the proper disk or alter the invalid DLBL.

016W

TERMINAL ERROR MESSAGES ISSUED

Explanation: The language processor returned completion code 16.

System Action: RC = 16
The system status remains the same.

User Response: Look for additional messages that may have been issued by the compiler.

017E

INVALID DEVICE ADDRESS vaddr

Explanation: The virtual address of the device was not specified correctly, or the device was not accessed.

System Action: RC = 24
Execution of the command is terminated. The system status remains the same.

User Response: Check the specified virtual address of the device and reissue the command.

Note: For a virtual machine with ECMODE on, a valid vaddr is within the range X'001' through X'FFF'. Otherwise, a valid vaddr is within the range X'001' through X'5FF'.

018E

NO LOAD MAP AVAILABLE

Explanation: The module file was created with the NOMAP option of GENMOD or is a transient area routine.

System Action: RC = 40
Execution of the command is terminated. The system status remains the same.

User Response: Regenerate the module file with the MAP option and reissue the command.

019E

IDENTICAL FILEIDS

Explanation: The fileids specified in the command line are identical.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Reissue the command, specifying two different fileids.

020W

INVALID [PDUMP|IDUMP] ADDRESS address - NO DUMP OPERATION PERFORMED

Explanation: The address specified in the PDUMP or IDUMP macro is invalid for one of the following reasons:

- add2 must be greater than add1.
- add1 cannot be negative.
- add1 cannot be greater than ppend (the end of the virtual partition).
- add2 cannot be negative.

System Action: The macro results in no operation. No dump is provided; processing continues. If you have requested a return code on an IDUMP, the return code is placed in register 15.

User Response: None.

021E

ENTRY POINT name NOT FOUND

Explanation: For DMSGND, the specified directory name was not found in the loader tables.

For DMSLIO and DMSNCP, an entry point name specified either with the START command or on an LDT card could not be located in the loaded TEXT files.

For DMSMOD, the name used with the FROM or TO option of the GENMOD command does not occur in the currently loaded files.

System Action: RC = 40

Execution of the command is terminated. The system status remains the same.

For DMSLIO and DMSNCP, no execution takes place for LDT. Loading stops. Loader clean-up has been processed for the loaded files. A subsequent START command should not be affected.

For DMSMOD, the module is not created.

User Response: For DMSGND, reload the auxiliary directory and reissue the command.

For DMSLIO and DMSNCP, reissue the START command with the proper entry point or control section name, or asterisk (*). Correct the LDT card with the CMS Editor.

For DMSMOD, correct the GENMOD command line or add the requested name as an external name in the files being generated.

021W

NO TRANSIENT DIRECTORY

Explanation: A request was made to display a transient directory, but neither a private core image library nor a system residence library was assigned.

System Action: RC = 4

Execution of the command continues until all specified directories are processed.

User Response: Ensure that the proper libraries are assigned and reissue the command.

022E

NO DIRECTORY NAME SPECIFIED

Explanation: A directory name was not entered with the command.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Reissue the command with a directory name.

022W

NO CORE IMAGE DIRECTORY

Explanation: A request was made to display a core image directory, but neither a private core image library nor a system residence library was available.

System Action: RC = 4

Execution of the command continues until all specified directories are processed.

User Response: Ensure that the proper library is assigned and reissue the command.

023E

NO FILETYPE SPECIFIED

Explanation: The command requires that you specify both filename and filetype.

For the DLBL command, both are required if you specify the CMS operand.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

For DMSTPE, if the DEN, TRTCH, 7TRACK, or 9TRACK options were specified, the modeset byte has been set for the specified device (TAP_{*i*}, where: *i* = 1, 2, 3, 4) or TAP1.

User Response: Reenter the command, specifying the filename and filetype.

023W

NO RELOCATABLE DIRECTORY

Explanation: A request was made to display a relocatable directory, but either no private or system relocatable library was available or no active entries were present on the appropriate directory.

System Action: RC = 4

Execution of the command continues until all specified directories are processed.

User Response: Ensure that either the proper library is assigned or that active relocatable entries are available in the directory and reissue the command.

024E

FILE fn ft fm ALREADY EXISTS [-- SPECIFY REPLACE]

Explanation: The specified file already exists.

For DMSEDI, the Editor work file, EDIT CMSUT1, already exists as the result of a previous edit session ending abnormally.

For DMSXIN, the XEDIT work file, XEDTEMP CMSUT1 A1, already exists as a result of a previous edit session that ended abnormally.

For DMSUPD, a file with the fileid 'UPDATE CMSUT1' already exists. This usually indicates that the UPDATE command was executed previously and was terminated abnormally, and that it left a work file on the output disk at that time.

For DMSUTL, the file ID for SYSUT2 specifies an existing file. This is not allowed for the COPY function because neither the MODIFY or REPLACE option was specified.

For the RECEIVE command, RECEIVE was issued and a file exists.

System Action: RC = 28

Execution of the command is terminated. The system status remains the same, with the following exception:

For DMSCPYPY, if you were creating multiple output files, several output files may have been created before the error was discovered.

User Response: You can use the TYPE command to examine the existing file. If you decide you want to keep it, use the RENAME command to give it a new fileid. If the file is invalid or incomplete, erase it and reissue the command; or for DMSCPYPY, reissue the command and specify the REPLACE option.

For DMSUTL, reissue the command specifying MODIFY or REPLACE, or reissue the command without a file ID for SYSUT2.

For the RECEIVE command, use RECEIVE with the REPLACE option or specify RECEIVE with a unique fileid. For information on the command format, see the *VM/SP CMS Command and Macro Reference*.

024W

NO PROCEDURE DIRECTORY

Explanation: A request was made to display a procedure directory but no system residence library was assigned.

System Action: RC = 4

Execution of the command continues until all specified directories are processed.

User Response: Ensure that the system residence library is assigned and reissue the command.

025E

INVALID DATA IN 370X CONTROL PROGRAM

Explanation: One of the following conditions has occurred:

For specified EP or PEP -- The implied or channel vector table was not found.

For NCP or PEP -- The maximum resource ID exceeds 4086 bytes.

For NCP or PEP -- The first resource is not the 370X.

System Action: RC = 16

Execution of the command is terminated.

User Response: Make sure that the 370X control program has been generated with the correct parameters and that the correct CAMOD operand value was used on the SAVENCP command. For the correct parameters for 370X control program generation, refer to the *VM/SP HPO Planning Guide and Reference*.

025W

NO SOURCE STATEMENT DIRECTORY

Explanation: A request was made to display a source statement directory, but either a private source statement library or a system residence library was not available or there were no source statement entries in the library available.

System Action: RC = 4

Execution of the command continues until all specified directories are processed.

User Response: Ensure that either the proper library is assigned or that active source statement entries are present in the directory and reissue the command.

026E

INVALID PARAMETER parameter FOR function FUNCTION

Explanation: The data specified for the given function is misspelled, missing or incorrect.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Reissue the command, specifying valid data for the function.

026W

phase NOT IN LIBRARY

Explanation: A request was made to display a certain entry or entries in a core image directory but the entry or entries were not in the library.

System Action: RC = 4

Execution of the command continues until all specified directories are processed.

User Response: Reissue the command, specifying the proper phase name.

027E

INVALID DEVICE {device name|device FOR SYSxxx}

Explanation: The device specified is invalid, or, if the message is INVALID DEVICE 'device' FOR 'SYSxxx', the device associated with the specified logical unit is not supported by the processor.

System Action: RC = 24, except for DSERV, which issues RC = 28.

Execution of the command is terminated. The system status remains the same.

User Response: Reissue the command, specifying a valid device name. Or, for DMSERV, use the command LISTIO SYSxxx to verify the device to which the logical unit is assigned. Reassign the logical unit to a valid device and reissue the command.

027W

NO PRIVATE CORE IMAGE LIBRARY

Explanation: A request was made to display the core image directory of a private core image library, but no entries were present.

System Action: RC = 4

Execution of the command continues until all specified directories are processed.

User Response: None.

028E

NO {DEVICE|LOGICAL UNIT} SPECIFIED

Explanation: The command requires that you specify a device address or logical unit.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Reissue the command, specifying a valid device address or logical unit.

028W

NO {PRIVATE|SYSTEM} TRANSIENT DIRECTORY ENTRIES

Explanation: No directory entries were present on the specified transient library.

System Action: RC = 4

Execution of the command continues until all specified directories are processed.

User Response: None.

029E

INVALID PARAMETER parameter IN THE OPTION option FIELD

Explanation: The data entered following the specified option was invalid.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

For DMSLIO, some option processing may have altered loader information. This should not affect a subsequent load.

User Response: Check the format of the field and reissue the command, specifying the data after the option.

030E

FILE fn ft fm ALREADY ACTIVE

Explanation: A file could not be referenced because it was already active. For example, this message appears if you try to append a file to itself, or if you try to rename the EXEC file you are executing.

System Action: RC = 28

Execution of the command is terminated. The system status remains the same, with the following exceptions for DMSCPY:

- If the APPEND option was specified, and if the copying process had begun before the error was discovered, then records are appended to the output file.
- If the NEWFILE (the default), REPLACE or OVLY option was specified, and if the copying process had begun before the error was discovered, then COPYFILE CMSUT1, on the output disk, contains the records copied so far.
- In multiple output file mode, several output files may have been created before the error was discovered.

User Response: Use another method of execution, or close the file and reissue the command.

031E

LOADER TABLES CANNOT BE MODIFIED

Explanation: If you are trying to increase the number of loader tables, the system storage below the loader tables is in use.

If you are trying to decrease the number of loader tables, either the loader is using more tables than you specified, or the system storage below the loader table is in use.

System Action: RC = 40

Execution of the command is terminated. The system status remains the same.

User Response: The number of loader table pages should be modified before other storage is allocated. The command should be issued immediately after IPL.

Note: If you have exceeded storage on the A-disk, reload (via IPL) without accessing the A-disk.

032E

INVALID FILETYPE ft

Explanation: The filetype entered was not valid for the command.

For DMSMOD, the filetype must be MODULE.

For DMSSYN, the filetype must be SYNONYM.

For DMSUTL, the filetype must be LOADLIB.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Correct the filetype and reenter the command.

033E

FILE fn ft fm IS NOT A LIBRARY

Explanation: For DMSSVT, the file specified in the message cannot be updated or read because the file is an invalid library.

For DMSVRT, DMSPUN, and DMSTYP, the MEMBER option is invalid because the file specified is not a library.

System Action: For DMSSVT, the following return code is issued:

RC = 8 (if the FIND macro was issued)
RC = 10 (if the STOW macro was issued)
RC = 32 (if OSLOADER was executing)

Return code 8 or 10 is passed to the user program and the program continues executing. For return code 32, execution is terminated.

For DMSVRT, DMSPUN, and DMSTYP, a return code of 32 is issued. Execution of the command is terminated. The system status remains the same.

User Response: For DMSSVT, check for an invalid library or an invalid fileid specification in the FILEDEF command.

For DMSVRT, DMSPUN, and DMSTYP, specify a library or omit the MEMBER option.

034E

FILE fn ft fm IS NOT FIXED LENGTH

Explanation: The specified file must have fixed-length records in order for the command to be executed.

System Action: RC = 32

Execution of the command is terminated. The system status remains the same.

User Response: You may change the record format of the file by using the COPYFILE command with the RECFM option. Then reissue the command.

035E

INVALID TAPE MODE

Explanation: An invalid combination of tape options was specified. For example: 9TRACK, DEN 200.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Correct the tape options and reissue the command.

036E

OPEN ERROR CODE nn ON ddname

Explanation: An error occurred during an OS OPEN. The possible error codes are described below:

Code	Meaning
------	---------

- | | |
|----|--|
| 1 | The DSORG option of the specified DCB (data control block) is not PO, PS, or DA (partitioned organization, physical sequential, or direct access, respectively), or the DCB MACRF option does not agree with the processing mode that is specified in the OPEN macro. |
| 2 | The default FILEDEF for the DCB 'ddname' displayed in the message failed. |
| 3 | The RECFM of the specified DCB does not agree with the format of the existing file, that is, one RECFM is variable-length and the other is fixed-length. |
| 4 | A DCB, BLKSIZE, LRECL, or BUFL option is missing or invalid. |
| 5 | The DCB BLKSIZE is not a correct multiple of the DCB LRECL, or the DCB specifies writing blocked output, but only unblocked records are permitted. |
| 6 | RECFM is fixed-length and LRECL does not agree with the record length of the existing file or, if the filemode is 4, the BLKSIZE does not agree with the record length of the existing file, or RECFM is variable-length and BLKSIZE is not 4 bytes greater than the record length of the existing file, ..., or BLKSIZE is not a multiple of LRECL whether the filemode is equal to 4 or not. |
| 7 | RECFM is variable-length spanned, and either the access method is not BSAM or the filemode is not 4. |
| 8 | An error occurred saving the BPAM directory for update, or an error occurred while doing a FIND for the member name specified in the FILEDEF command or CMSCB macro. |
| 9 | The DCB specifies output, BDAM or a key length for an OS data set or DOS file. |
| 10 | An error occurred while attempting to position a tape with label type specified as BLP or NL. |
| 11 | I/O option UPDATE is invalid for file found on read-only disk. |

Code Meaning

- 12 A tape which was specified as NL contained an IBM standard VOL1 label as its first record.
- 80 The file is an unsupported OS data set or DOS file, or an I/O error occurred accessing an OS or DOS disk.

System Action: The program continues executing, but the DCBFLGS OPEN bit is not turned on and the DCB is not initialized.

User Response: Noting the error code and ddname displayed in the message, check the associated FILEDEF command and DCB macro for invalid or missing DCB options.

037E

[OUTPUT] DISK mode [vaddr] IS READ/ONLY {A MUST BE R/W FOR DISK LOAD}

Explanation: The filemode of the output file specifies a read-only disk, which cannot be written on.

For the RECEIVE command, either:

1. a 'READ/ONLY' filemode was specified on the RECEIVE command and the file cannot be written onto this disk.
2. RECEIVE attempted to read in a file sent using the DISK DUMP command (or SENDFILE with the 'OLD' option). In order to use DISK LOAD to read the file in, the A-disk must be accessed in READ/WRITE mode.

For DMSUPD, there was no read/write disk available for the UPDATE output files. The following steps are taken to determine the disk on which the UPDATE output files are to be placed (the search stops as soon as *one* of the following steps is successful):

- If you included the OUTMODE option, the output files are placed on the disk you specified.
- If the disk on which the original source file lies is read/write, the output files are placed on that disk.
- If that disk is a read-only extension of a read/write disk, the output files are placed on that particular read/write disk.
- The output files are placed on the A-disk, if it is read/write.

If all four of the above steps fail, and the A-disk is read-only, then the message

DISK 'A' IS READ/ONLY

is displayed.

If this message occurs during VSAMGEN EXEC processing, it indicates that the CMS A-disk is accessed in read-only mode. But the VSAMGEN EXEC procedure requires that the CMS A-disk be accessed in read/write mode so that the CMS DOSLIB files can be written on it. Also, for an OS 'INSTALL', the VSAM and Access Method Services object modules will be copied to it

for future updating. In a MAINT run for both DOS and OS users, the PTF decks read from the reader are also written on the CMS A-disk.

System Action: RC = 36

Execution of the command is terminated. The system status remains the same.

If this message occurs during VSAMGEN EXEC processing, the VSAMGEN EXEC procedure terminates and the system returns to the CMS command environment.

For DMSCP, in multiple output file mode, several output files may have been created before the error was discovered.

For DMSDSK and DMSRDC, the reader is closed with the HOLD option.

For DMSMOD, loader cleanup has been performed on loaded files.

For DMSTPE, if the DEN, TRTCH, 7TRACK, or 9TRACK options were specified, the modeset byte has been set for the specified device (TAPi, where: $i = 1, 2, 3, 4$) or TAP1.

User Response: Issue the CP command LINK to reset the disk to read/write status. Then access the disk again and reissue the command.

For DMSBDP, ensure that the appropriate disk is being associated with the DTF being opened, and reissue the command.

038E

FILEID CONFLICT FOR DDNAME {ASM3705|ASSEMBLE|SYSIN}

Explanation: The file specified with an ASM3705 (or ASSEMBLE) command has been previously defined by a FILEDEF command, but its filetype was not defined as 'ASM3705' (or as 'ASSEMBLE'), or you have issued a FILEDEF command for a reader or tape input file and specified a filename that is already defined as a disk file with the filetype ASM3705 (or ASSEMBLE).

For the IOCP command, either:

1. the user issued a FILEDEF command for reader or tape input and the specified filename already exists on disk as 'fn IOCP'.
2. the user issued a FILEDEF command for input from disk with a filetype other than IOCP and there exists a file 'fn IOCP' on this disk.

System Action: RC = 40

The command is not executed. The system status remains the same.

User Response: Verify that you have specified the correct filename with the ASM3705, ASSEMBLE, or IOCP command. If it is correct, in the first case above, issue a FILEDEF ddname CLEAR command for the file, or issue a FILEDEF command that sets the filetype correctly. In the second case, either use a different filename for the input file, or erase the existing disk file.

039E

NO ENTRIES IN LIBRARY fn ft fm

Explanation: The library specified contains no members.

System Action: RC = 32

Execution of the command is terminated. The system status remains the same.

User Response: None.

040E

NO FILES LOADED

Explanation: The user has not previously issued a LOADMOD or LOAD command, or the module consists of zeros.

System Action: RC = 40

Execution of the command is terminated. The system status remains the same.

User Response: Load files via the LOAD or LOADMOD command.

041E

INPUT AND OUTPUT FILES ARE THE SAME

Explanation: One of the following errors was detected:

- The same ddname was specified for input and output.
- The input ddname and output ddname specify the same disk file.
- The input ddname and output ddname specify the same tape unit.

System Action: RC = 40

Execution of the command is terminated. The system status remains the same.

User Response: Reissue the FILEDEF and MOVEFILE commands correctly.

042E

NO FILEID[(S)] SPECIFIED

Explanation: At least one file identification is required in order for the command to be executed.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Reissue the command, specifying at least one fileid.

043E

TAPn(raddr) IS FILE PROTECTED

Explanation: The tape cannot be written on.

System Action: RC = 36

Execution of the command is terminated. If the DEN, TRTCH, 7TRACK, or 9TRACK options were specified, the modeset byte has been set for the specified device (TAPn, where: $n = 1, 2, 3, 4$).

User Response: Send a message to the operator to insert the write enable ring in the tape and retry the command.

For DMSCLS, verify that the correct tape is mounted.

044E

RECORD LENGTH EXCEEDS ALLOWABLE MAXIMUM

Explanation: The record length given exceeds the maximum record length allowed. The maximum record length allowed by the EDIT command is 160 characters; by the PRINT command, 151 characters; and by the PUNCH command, 80 characters.

System Action: RC = 32

Execution of the command is terminated. The system status remains the same.

User Response: For DMSEDI, reissue the command with an acceptable record length.

For DMSVRT and DMSVUN, you can change the record length with the COPYFILE command, and then reissue the command.

045E

UNSUPPORTED 370X CONTROL PROGRAM TYPE

Explanation: The 3705 control program type is not an Emulation Program (EP), Partitioned Emulation Program (PEP) or Network Control Program (NCP).

System Action: RC = 16

Execution of the command is terminated.

User Response: Make sure that 370X control program has been generated with correct parameters. For the correct parameters for the 370X control program generation, refer to the *VM/SP HPO Planning Guide and Reference*.

046E

NO LIBRARY NAME SPECIFIED

Explanation: The command was entered without a library name.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Reenter the command, specifying the library name.

047E

NO FUNCTION SPECIFIED

Explanation: A function must be specified in order for the command to be executed.

System Action: RC = 24

Execution of the command is terminated.

For SVCTRACE, SVCTRACE is turned off if it was on.

For DMSTPE, if the DEN, TRTCH, 7TRACK or 9TRACK options were specified, the modeset byte has been set for the specified device (TAP_i, where: *i* = 1, 2, 3, 4) or TAP1. Otherwise, the system status remains the same.

User Response: Reissue the command with the desired function.

048E

INVALID MODE mode

Explanation: This message can occur for any one of the following reasons:

- The mode was not specified correctly.
- For most CMS commands, filemode 's' is an invalid mode.
- The mode number, if specified, is not between 0 and 5.
- More than two characters were specified for the mode.
- A null line was entered as the first specification with the MULT option of the DLBL command.
- The mode specified with a LISTDS command was not the mode of an OS or DOS disk.
- The mode specified with a LISTFILE command was not the mode of a CMS-formatted disk.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

For DMSTPE, if the DEN, TRTCH, 7TRACK, or 9TRACK options were specified, the modeset byte has been set for the specified device (TAP_i, where: *i* = 1, 2, 3, 4) or TAP1.

User Response: Reissue the command with the filemode specified correctly.

049E

INVALID LINE NUMBER line number

Explanation: The specified line number is either zero or outside the limits of the file.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Examine the file and reissue the command with a correct line number.

050E

PARAMETER MISSING AFTER {DDNAME|SYSxxx|function}

Explanation: A parameter that is required by the command was not specified.

For the ASSGN command, the disk mode must be specified for the SYSxxx logical unit.

For the DLBL command, the disk mode or DUMMY or CLEAR must be specified after the ddname.

For the FILEDEF command, the device name or DUMMY or CLEAR must be specified after the ddname.

For the SET command, a required parameter that must follow a function is missing.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Correct and reissue the command.

051E

INVALID MODE CHANGE

Explanation: The filemode letter specified for the old fileid is not the same as the filemode letter specified for the new fileid.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Correct and reissue the command.

052E

MORE THAN 100 CHARS OF OPTIONS SPECIFIED

Explanation: The maximum number of characters that can be used to specify options for this command is 100. More than 100 characters were used.

For the OSRUN command, more than 100 characters were used in the PARM field.

System Action: RC = 24

The command is not executed. The system status remains the same.

User Response: Reissue the command, using 100 or fewer characters to specify the options, or parameters. Use abbreviations if necessary.

053E

INVALID SORT FIELD PAIR DEFINED

Explanation: Either an ending character position was not specified for a sort field, the starting position is greater than the ending position, the fields contain nondecimal characters, or the sort field exceeds the maximum of 253 characters.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Correct and reissue the command.

054E

INCOMPLETE FILEID SPECIFIED

Explanation: You must specify the filename and filetype in order for the command to be executed. In addition, for some commands you must specify the filemode.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Check the description of the command, correct the command line, and reissue the command.

055E

NO ENTRY POINT DEFINED

Explanation: For the START command or the START option of the FETCH, LOAD, or INCLUDE command, either the initial execution address is zero, or there is no executable code at the execution address, or nothing has been loaded.

This message is also issued if a START command (or FETCH command with the START option) is issued following a SET DOSPART command, resetting the size of the DOS partition. Redefining the partition size causes storage to be reinitialized and any previous loads or fetches must be reissued.

System Action: RC = 40.

Execution of the command is terminated. Loader cleanup has been performed on loaded files. This should not interfere with a subsequent START command.

User Response: If no file was previously loaded, issue the LOAD command specifying the files to be loaded. If files are loaded, check them for incorrect SLC or entry cards.

056E

FILE fn ft [fm] CONTAINS INVALID {NAME|ALIAS|ENTRY|ESD} RECORD FORMATS

Explanation: For DMSLBM and DMSNCP (GEN, ADD, REP), the specified file is not in the expected format. MACRO and MEND cards must be included in the MACRO files, and the prototype card must be specified with a name that does not exceed eight characters. If an © statement appears, it must contain a name. A MACLIB must contain 'LIB' in columns 4-6 of record one.

For DMSLBT, the specified file has more than 255 entry points (ESD only), or has records which are incompatible or missing.

For DMSLIO, an invalid condition was found in a TEXT or tEXTLIB file. TXTLIB files created on EDF disks must have "PDS" in columns 4-6 of record one. TXTLIB files created on non-EDF disks must have "LIB" in columns 4-6 of record one. RLD data must be compatible with the TEXT file or TXTLIB member to which it belongs. If an ICS statement was submitted, the specified name was previously defined, or the initial length of the CSECT was not found in the ESD card.

For DMSSYN, the specified file is not in the expected format. The SYNONYM file must contain 80-byte records in free form format, with columns 73-80 ignored. The data consists of a command name followed by a blank and the user synonym. This may optionally be followed by a count which is preceded by at least one blank.

For DMSZAP, either the header record for TXTLIB or LOADLIB was invalid, or the pointer to the directory or module map was in error.

System Action: RC = 32

Execution of the command is terminated. The system status remains the same. For DMSGLB, the library is not made global but the operation continues for any other libraries named in the command.

User Response: For DMSLBM and DMSNCP, issue the MACLIB COMP command, then check the MACLIB with a MACLIB MAP command. Correct the format error.

For DMSGLB, the specified library does not have 'LIB' in columns 1-3 or 4-6 of the first record. One possible cause is the library may be in packed format. Correct the library and reissue the command.

For DMSSYN, correct the format of the file.

For DMSLIO, recreate the TXTLIB or TEXT file.

For DMSLBT, if the message specifies ESD, check for more than 255 entry points for a member; otherwise, check for invalid or missing records.

For DMSZAP, recreate the library or module.

Then reissue the command.

056W

FILE fn ft fm CONTAINS INVALID {NAME|ALIAS|ENTRY|ESD} RECORD FORMATS

Explanation: The specified file is not in the expected format.

System Action: Processing continues.

User Response: None.

057E

INVALID RECORD FORMAT

Explanation: For the TAPE command, a record that was read was not in TAPE DUMP format. For the TAPEMAC command, the tape was not in the IEHMOVE unloaded PDS format, or the PDS logical record length is not 80.

System Action: RC = 32

Execution of the command is terminated. For the TAPE command, if the DEN, TRTCH, 7TRACK, or 9TRACK options were specified, the modeset byte has been set for the specified device (TAP*i*, where: *i* = 1, 2, 3, 4) or TAP1.

User Response: For the TAPE command, rewrite the file onto tape using the TAPE DUMP command. For the TAPEMAC command, recreate the file on tape using the OS IEHMOVE utility program. Then reissue the command.

058E

END-OF-FILE OR END-OF-TAPE [ON TAPn]

Explanation: The end of the file or tape was reached.

For DMSTPE, an end-of-tape condition was encountered while doing a write, WTM (write tape mark), or ERG (erase gap) operation.

System Action: RC = 40

Execution of the command is terminated. For DMSTPE, the last operation is not completed. The tape is positioned at the end. If the DEN, TRTCH, 7TRACK, or 9TRACK options were specified, the modeset byte has been set for the specified device (TAP*i*, where: *i* = 1, 2, 3, 4) or TAP1.

User Response: For DMSTPD, you may space the tape forward and continue, or rewind the tape and quit; this can be an information message rather than an error condition, depending on the circumstances.

For DMSTPE, if the position of the tape is not as expected, use the appropriate TAPE control function to reposition it.

For DMSBOP, ensure that the proper tape has been mounted. If so, rewind and reposition the tape and retry.

For DMSCLS, rewind and reposition the tape and reissue the command.

059E

vaddr ALREADY ACCESSED AS READ/WRITE mode DISK.

Explanation: You are trying to access the specified device as read-only but you have already accessed it read/write. You cannot have a disk accessed as both read-only and read/write, because the read-only file directory would not reflect any updates you made until the next time you accessed the disk.

System Action: RC = 36
Execution of the command is terminated. The system status remains the same.

User Response: Release the disk by issuing the RELEASE command and then reissue the ACCESS command.

060E

FILE(S) fn [ft [fm]] NOT FOUND. DISK mode (vaddr) WILL NOT BE ACCESSED

Explanation: The files requested are not on the specified disk. Or, you tried to access the disk as an extension when it contains no files. In either case, the disk is not accessed.

System Action: RC = 28
Execution of the command is terminated. The system remains in the same status as before the command was entered.

User Response: Check to see that the fileid is specified correctly, and reenter the command.

061E

NO TRANSLATION CHARACTER SPECIFIED

Explanation: A SET INPUT or SET OUTPUT command was issued without a translation character.

System Action: RC = 24
Execution of the command is terminated. The translate table remains unchanged.

User Response: Reissue the command with the appropriate translation character.

062E **INVALID [CHAR] [=|*|char|CHARACTER] IN [OUTPUT] FILEID [fn ft [fm]]**

Explanation: The character specified whether an asterisk (*), equal sign (=), or other was invalid in the fileid in which it appeared.

System Action: RC = 20

Execution of the command is terminated. The system status remains the same, with the following exceptions for the COPYFILE command:

- If the APPEND option was specified and the copying process began before the error was discovered, then records were appended to the output file.
- If the NEWFILE (the default), REPLACE, or OVLY option was specified, and the copying process began before the error was discovered, then COPYFILE CMSUT1, on the output disk, contains the records copied so far.
- In multiple-output-file mode, several output files may have been created before the error was discovered.

User Response: Check the description of the command format and reissue the command.

063E **NO [SORT|TRANSLATION|SPECIFICATION] LIST {ENTERED|GIVEN}**

Explanation: A list was requested in response to the SORT command, or to the SPECS option or TRANSLATE option of the COPYFILE command, but a null line was entered in response. The XEDIT subcommand SORT was entered with no sort fields specified.

System Action: RC = 40

Execution of the command is terminated. The system status remains the same.

User Response: Reissue the command, and enter the list when it is requested.

064E **INVALID [TRANSLATE] SPECIFICATION AT OR NEAR list**

Explanation: An invalid specification was included in the list entered when either the SPECS option or the TRANS option was specified. "list" is the portion of the list you entered that is in error. Some of the errors that can cause this message to appear in conjunction with the SPECS option are the following:

- A source specification was entered with no target specification.
- An invalid decimal number was entered for an input or output column.
- An input file specification of the form "nn-mm" was given, but mm was smaller than nn.
- A string was specified without an ending delimiter.
- A zero length string was specified.

- An invalid hexadecimal number was specified, or an odd number of hexadecimal digits followed the "H" of such a specification.
- The continuation code (++) was specified in the middle of a specification, rather than at the beginning of one.

Some of the errors that can cause this message to appear in conjunction with the TRANS option are the following:

- An invalid hexadecimal number was entered.
- An odd number of characters was entered.
- The continuation code (++) was entered in the middle of a character pair.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Reissue the command and enter the correct specification list when it is requested.

065E

option OPTION SPECIFIED TWICE

Explanation: The option was specified more than once in the command line.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Reissue the command, specifying the option only once.

066E

option AND option ARE CONFLICTING OPTIONS

Explanation: The specified options are mutually exclusive and must not be specified in the same command.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Correct and reissue the command.

067E

COMBINED INPUT FILES ILLEGAL WITH PACK OR UNPACK OPTIONS

Explanation: An attempt was made to combine several files at the same time that the PACK or UNPACK option was used. This message appears if there is more than one input fileid, or if there is an asterisk in the first fileid in single output file mode.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Correct the command line and reissue the command.

068E

INPUT FILE fn ft fm NOT IN PACKED FORMAT

Explanation: The specified input file is not in packed format, and was specified in an UNPACK operation.

System Action: RC = 32

Execution of the command is terminated. The system status remains the same, except that in multiple output file mode, several output files may already have been created before the error was discovered.

User Response: Correct the command line and reissue the command.

069E

DISK {mode|vaddr|valid} NOT ACCESSED. {A MUST BE R/W FOR DISK LOAD}

Explanation: The specified disk has not been accessed. For DMSDSL, the A-disk must be accessed when the DOSLIB MAP function is performed and the output is directed to disk.

For the RECEIVE command, either:

1. a 'READ/ONLY' filemode was specified on the RECEIVE command and the file cannot be written onto this disk.
2. RECEIVE attempted to read in a file sent using the DISK DUMP command (or SENDFILE with the 'OLD' option). In order to use DISK LOAD to read the file in, the A-disk must be accessed in READ/WRITE mode.

System Action: RC = 36

Execution of the command is terminated. The system status remains the same.

User Response: Access the specified disk and reissue the command.

069I

DISK {mode|vaddr|valid} NOT ACCESSED

Explanation: The disk specified in the FILEDEF command has not been accessed.

System Action: This message is for information only. Execution continues.

User Response: None.

070E

INVALID {PARAMETER parameter|ARGUMENT argument}

Explanation: An invalid operand, or too many or extraneous operands, were specified in the command line or EXEC statement.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same, with the following exception for the TAPE command:

If the DEN, TRTCH, 7TRACK, or 9TRACK options were specified, the modeset byte has been set for the specified device (TAP_i, where: *i* = 1, 2, 3, 4) or TAP1.

User Response: Correct the command line and reissue the command.

071E

ERASE * * [fm|*] NOT ALLOWED

Explanation: You cannot erase all files on all disks using the ERASE command. You can enter asterisks for the filename and filetype, but you must specify the filemode letter and number.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Issue the FORMAT command to erase all files on a disk, or use the ACCESS command with the ERASE option (all files on the disk are erased the first time you write a new file on the disk).

072E

ERROR IN EXEC FILE fn, LINE nnn - message

Explanation: The EXEC interpreter has found an error in file 'fn', at line "nnn". 'message' may be any one of the following:

CMS EXEC Return Codes:

FILE NOT FOUND

RC = 801

The specified file was not found on the accessed disks. This message can be issued when you try to invoke an EXEC from within another EXEC.

&SKIP OR &GOTO ERROR

RC = 802

A request was made to move to a statement above the beginning of the file, or to a nonexistent label.

BAD FILE FORMAT

RC = 803

The file is not in the required format. For instance, it is packed rather than unpacked, or the record length is greater than 130.

TOO MANY ARGUMENTS

RC = 804

A maximum number of 30 arguments can be passed to an EXEC file.

MAX DEPTH OF LOOP NESTING EXCEEDED

RC = 805

No more than four nested loops may be specified.

ERROR READING FILE

RC = 806

An I/O error occurred while an EXEC file was being read.

INVALID SYNTAX

RC = 807

The syntax of the indicated statement is invalid.

INVALID FORM OF CONDITION

RC = 808

This can occur from previously unassigned variables. The final result after the line is interpreted is syntactically invalid.

INVALID ASSIGNMENT

RC = 809

An attempt was made to assign a value to an unspecified field; for example,

= 42

MISUSE OF SPECIAL VARIABLE

RC = 810

Incorrect use of a special variable was attempted. For example, an attempt was made to assign a value to &EXEC or to &TYPEFLAG.

ERROR IN &ERROR ACTION

RC = 811

An &ERROR control statement specified a CMS command that also resulted in an error.

CONVERSION ERROR

RC = 812

A variable in the line must be converted, but cannot be, because it is a character value, it is not in the proper format, or it has not been initialized. For example,

```
' &IF &FLAG EQ 944 '
```

If &FLAG was not previously initialized, it is "null" or blank and will cause a conversion error when being converted to decimal. This message is also issued if a nonhexadecimal number is specified after the characters "X" on the right-hand side of an assignment statement (for example, &A = X'12AG'); or if a nondecimal number is specified after the characters "X" in any statement other than an assignment statement (for example, &TYPE X'120A0').

TOO MANY TOKENS IN STATEMENT

RC = 813

More than 19 tokens appeared in a single &READ VARS statement.

MISUSE OF BUILT-IN FUNCTION

RC = 814

One of the EXEC built-in functions (for example, &CONCAT, &DATATYPE, etc.) was used incorrectly.

EOF FOUND IN LOOP

RC = 815

An end of file occurred before the command completed the requested operation.

INVALID CONTROL WORD

RC = 816

An invalid control word was encountered in the input deck and cannot be read.

EXEC ARITHMETIC UNDERFLOW

RC = 817

A negative arithmetic variable exceeded 8 digits including sign.

EXEC ARITHMETIC OVERFLOW

RC = 818

A positive arithmetic variable exceeded 8 digits.

SPECIAL CHARACTER IN VARIABLE SYMBOL

RC = 819

A special character was used in a variable symbol. Only alphameric characters are to be used. The asterisk in the special variable &* is an acceptable character.

System Action: The file is logically executed up to the point where the error was detected.

User Response: Correct the EXEC file and reexecute it.

Note: For a tutorial description of the CMS EXEC facility, see the *VM/SP CMS User's Guide*. For a description of the CMS EXEC control statements, see the *VM/SP CMS Command and Macro Reference*.

073E

UNABLE TO OPEN FILE ddname

Explanation: CMS was unable to open the specified ddname. An explanatory message should appear along with this message.

System Action: RC = 28

Execution of the command or program is terminated for the OS Loader. Abend code = 15A for LINK/LOAD/ATTACH/XCTL failures. RC=28 for OSRUN command.

User Response: Verify the ddname and reissue the command. If using the OS Loader, verify that the LOADLIB libraries in the GLOBAL list exist.

074E

ERROR [RE]SETTING AUXILIARY DIRECTORY

Explanation: The auxiliary directory could not be set or reset. This can occur, for example, if the disk on which the auxiliary directory resides is not accessed when the command is issued, or if it is accessed as a filemode other than the one specified for it with a previous GENDIRT command.

System Action: RC = 40

If the error occurred on an attempt to set the auxiliary directory, execution of the command is terminated. The system status remains the same. If, however, the error occurred on an attempt to reset the auxiliary directory, the assembly has already been done, and execution continues.

User Response: Consult the system programmer to find out what disk the auxiliary directory is on and what filemode that disk should be accessed as. (It should have the filemode that was specified for it with the GENDIRT command.) Access the disk with the proper filemode and reissue the command.

075E

DEVICE devicename {INVALID|ILLEGAL} FOR {INPUT|OUTPUT}

Explanation: The device specified for the input or output ddname is invalid. This message will appear if the input device specified is DUMMY, PRINTER, or PUNCH, or if the output device specified is READER, CRT, OS DISK, or DOS DISK.

System Action: RC = 40

Execution of the command is terminated. The system status remains the same.

User Response: Reissue the FILEDEF command and specify the correct input/output device.

076E

ACTUAL RECORD LENGTH EXCEEDS THAT SPECIFIED

Explanation: An existing file has a record length greater than the record length entered in the command line.

System Action: RC = 40

Execution of the command is terminated. The system status remains the same.

User Response: Reissue the command, specifying a larger record length with the LRECL option.

077E

END CARD MISSING FROM INPUT DECK

Explanation: Since the end card is missing, the input file is not complete. The deck is probably invalid.

System Action: RC = 32

Execution of the command is terminated. The card file is lost from the reader.

User Response: The DISK DUMP command must be issued to recreate the file.

078E

INVALID CARD IN READER {DECK|FILE cardimage}

Explanation: For DMSDSK, a card that was not punched by DISK DUMP was encountered in the input deck. The deck cannot be read by DISK LOAD.

For DMSGRN, an invalid card was encountered in the input deck. The deck cannot be processed by the GEN3705 command.

System Action: RC = 32

Execution of the command is terminated. The system status remains the same.

For DMSDSK, the READER file closed with the HOLD option.

User Response: For DMSDSK, reissue the command in case there are valid DISK DUMP cards following in the file. If the same error occurs, either retry, use the READCARD command to load the file, or use the CP PURGE command to erase the reader file.

For DMSGRN, use the card image in the error message to correct the card, and reenter the command.

078W

**SEQUENCE ERROR DETECTED LOADING fn ft EXPECTED
FOUND**

Explanation: The sequence number found is not the next sequential number.

System Action: RC = 32

The file continues to be loaded.

User Response: Check the file after it has been loaded for possible transmission errors.

079E

INVALID DEVICE ADDRESS - REENTER

Explanation: The device address entered was specified incorrectly, that is, it is not a valid hexadecimal character or is not in the range of X'001' to X'6FF'.

System Action: Message DMSINI606R or DMSINI608R is reissued.

User Response: See DMSINI606R or DMSINI608R.

080E

INVALID {CYL|BLK} NUMBER - REENTER

Explanation: The value entered was not a valid decimal number.

System Action: Message DMSINI609R is reissued.

User Response: See DMSINI609R.

081E

INVALID REPLY - ANSWER "YES" OR "NO"

Explanation: The only valid response to the query is "yes" or "no". Neither was entered.

On the SENDFILE screen, something other than "YES" or "NO" was entered in the fields reserved for choosing options.

System Action: Message DMSINI607R or DMSINI610R is reissued.

For the SENDFILE menu, no system action is taken.

User Response: See DMSINI607R or DMSINI610R.

For SENDFILE, enter only "YES" or "NO" in the options field.

082E

IPL DEVICE ERROR - REENTER

Explanation: The device is not currently defined, or it is not in read/write status, or it is an unsupported device type.

System Action: Message DMSINI608R is reissued.

User Response: See DMSINI608R.

083E

NUCLEUS [CYL|BLK] SPECIFICATION UNACCEPTABLE ERROR x

Explanation: The cylinder or FB-512 block number specified for the nucleus start address does not meet the requirement indicated by the error code.

Code Meaning

- | | |
|---|--|
| 1 | The nucleus will overlay CMS files on the minidisk. |
| 2 | The nucleus start address is beyond all formatting. |
| 3 | The starting FB-512 block number is not on a 256-block boundary. |
| 4 | A total of 256 FB-512 blocks are not available, including the starting block number. |

System Action: Message DMSINI609R is reissued.

User Response: If RC = 1, respond to DMSINI609R with a larger cylinder value or FB-512 block number. If RC = 2, specify a smaller value. If RC = 3, specify a multiple of 256. If RC = 4, specify a lower location for the nucleus. In any event, use of the FORMAT command with the RECOMP option may be necessary.

084E

INVALID USE OF FROM AND TO OPTIONS

Explanation: The 'FROM' location exceeds or is equal to the 'TO' location.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Correct and reissue the command.

085E

ERROR IN fn ft fm, LINE nnn - message

Explanation: The EXEC 2 interpreter has found an error in file "fn ft fm", at line "nnn". "message" may be any one of the following:

EXEC 2 Return Codes:

FILE NOT FOUND

RC = 10001

The input file was not located on an accessed disk.

WRONG FILE FORMAT

RC = 10002

The line length exceeds 255 bytes.

WORD TOO LONG.

RC = 10003

An attempt was made to assign more than 255 bytes to a variable, or a word in a line is longer than 255 bytes.

STATEMENT TOO LONG

RC = 10004

The length of the statement exceeds 511 bytes.

INVALID CONTROL WORD

RC = 10005

A word with a leading ampersand was found where a control word was expected, but it is not recognized as a control word.

LABEL NOT FOUND

RC = 10006

During a scan for a label, the label was not located.

INVALID VARIABLE NAME

RC = 10007

A word without a leading ampersand was found in a place where a variable was expected.

INVALID FORM OF CONDITION

RC = 10008

Either the conditional operator is invalid or one of the operands has a null value.

INVALID ASSIGNMENT

RC = 10009

An operator in an assignment statement is not (+), or (-), or 'of' does not follow the function name.

MISSING ARGUMENT

RC = 10010

A required argument is missing.

INVALID ARGUMENT

RC = 10011

An argument has an invalid value.

CONVERSION ERROR

RC = 10012

An error has occurred in converting from a string to a numeric value.

NUMERIC OVERFLOW

RC = 10013

A number has overflowed the defined system limits: (2**31)-1 or -(2**31).

INVALID FUNCTION NAME

RC = 10014

If the function name starts with an ampersand, it is not a predefined function, or if it starts with a dash, it is not a label in the file.

END OF FILE FOUND IN LOOP

RC = 10015

The end of the file was found before the end of the loop.

DIVISION BY ZERO

RC = 10016

A division by zero was detected.

INVALID LOOP CONDITION

RC = 10017

The conditional expression in an &LOOP statement has an invalid format.

ERROR RETURN DURING &ERROR ACTION

RC = 10019

An error has occurred during execution of the action specified on an &ERROR statement.

ASSIGNMENT TO UNSET ARGUMENT

RC = 10020

An attempt was made to assign a value to an argument when the number of that argument exceeded &N. For example,

```
&ARGS A B C
&4=D
```

would cause this error.

STATEMENT OUT OF CONTEXT

RC = 10021

&RETURN was encountered when no subroutine was active.

INSUFFICIENT STORAGE AVAILABLE

RC = 10097

Insufficient storage to complete the statement.

This may be caused by &STACK, assignment to a variable, or other actions that require additional storage.

FILE READ ERROR nnn

RC = 10098

The operating system was unable to read the file or some part of the file. The return code "nnn" indicates one of the following conditions:

Code Meaning

- | | |
|----|--|
| 1 | The file was not found. |
| 2 | The address of the buffer was not within virtual storage limits. |
| 3 | A permanent disk error occurred. This may occur if you link to and access another user's disk, then try to read a file that was refiled by its owner after you issued the ACCESS command. Reissue the ACCESS command and try to read the number again. |
| 5 | The number of records is less than 0 or greater than 32768. |
| 7 | The fixed/variable flag is not F or V. |
| 8 | The record read is longer than the buffer. |
| 9 | The specified file is open for writings; it must be closed and opened for reading. |
| 11 | The number of records is greater than 1 for a variable-length file. |
| 12 | The end of the file was reached. |
| 13 | An invalid displacement appears in the AFT for a variable length file. |
| 14 | An invalid character appears in the filename. |
| 15 | An invalid character appears in the filetype. |

TRACE ERROR nnn

RC = 10099

A command or subcommand issued as an action of &TRACE returned the error code 'nnn'. Execution of the current EXEC 2 file is terminated.

System Action: The file is logically executed up to the point where the error was detected.

User Response: Correct the EXEC 2 file and reexecute it.

Note: For information on EXEC 2, see the *VM/SP EXEC 2 Reference*.

086E

INVALID DDNAME ddname

Explanation: The ddname specified with the command is invalid.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Reissue the command with a valid ddname. With the DLBL command, use a ddname of seven characters or less. If you are an OS user, enter the first seven characters of your program's ACB ddname. If these seven characters are not unique within the program (that is, the eighth character distinguishes two ACBs in the same program), recompile the program using different ddnames.

086W

DLBL ddname DUMMY INVALID FOR VSAM

Explanation: The ddname in the ACB being opened was specified in a previous DLBL command with the DUMMY operand, which is invalid for VSAM.

System Action: RC = 8

This message accompanies a DOS/VS VSAM open error code X'11'. The OS user is restricted from using a DUMMY VSAM data set. An attempt to do so will cause unpredictable results at OPEN time. An additional message from the program product being used may follow.

User Response: Reissue the DLBL command specifying a mode for this ddname, and then restart the program that caused the error.

087E

INVALID ASSIGNMENT OF SYSxxx TO DEVICE device

Explanation: The ASSGN command that was entered violated a restriction on the assignment of SYSxxx to a virtual device. The ASSGN command restricts the assignment of logical units to virtual devices as follows:

Logical Units	Valid Assignment
SYS000-SYS241	to any device as specified by the ASSGN command.
SYSLOG	to terminal and printer
SYSLST	to printer, disk, and tape
SYSIPT	to reader, disk and tape
SYSPCH	to punch, disk, and tape
SYSRDR	to reader, disk, and tape
SYSCAT	to disk
SYSCLB	to disk
SYSRLB	to disk
SYSSLB	to disk
SYSIN	to reader, tape, and disk
SYSOUT	to tape

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Reissue the ASSGN command, specifying a valid combination of logical unit and virtual device.

088E

UNSUPPORTED DTF TYPE dtftype

Explanation: An attempt was made to open or close a DTF table of a type not supported by CMS.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: None; CMS/DOS only supports those DTF types identified in the CMS/DOS publications.

{OPEN|CLOSE} ERROR CODE nn ON {fn|SYSxxx|TAPn}

Explanation: The error code in the message identifies the error situation.

Code Meaning

- | | |
|----|--|
| 1 | The logical unit (SYSxxx) in the DOSCB does not match the logical unit in the DTF table. |
| 2 | CMS/DOS does not support writing to OS or DOS disks. All files must be written to CMS disks. |
| 3 | An attempt was made to open or close a sequential disk file, VSAM file, or private source statement library, but no DLBL command was issued with the DLBL ddname equal to the DTF ACB filename. CMS/DOS requires a user-issued DLBL for all sequential disk files, VSAM input and output files, and private libraries. |
| 4 | An attempt was made to open or close a DTFCD or DTFPR with ASOCFLE/FUNC operands specified in the DTF macro. These operands are not supported under CMS/DOS. |
| 5 | An attempt was made to open an input sequential disk file from an OS disk, but no extent information was found in the OSFST associated with the file. |
| 6 | An attempt was made to open a sequential disk file for input, but the file was not found on any of the accessed disks. |
| 7 | The device type in the DTF being opened or closed is incompatible with the PUB device type for the specified unit. |
| 8 | The system or programmer logical unit is unassigned (PUB pointer in LUB = X'FF'). |
| 9 | There is no CMS/DOS support for reading tapes backward. When the operand READ = BACK is specified on the DTFMT macro, a flag is set in the DTF at compilation time indicating this condition. CMS/DOS supports tape processing only in a forward direction. |
| 11 | An attempt was made to open or close a DTFMT (tape data file) and 'ASCII = YES' was specified in the DTF macro. This operand is not supported. |
| 12 | An attempt was made to open a DTFCP or DTFDI tape file with 'FILABL = STD' specified. However, no VOL1/HDR1 was encountered. |
| 13 | PUB information for the tape logical unit being opened (track mode indicator or density) is incompatible with the tape drive. |
| 14 | The tape is a 3420 tape drive but an invalid tape drive model number (valid model numbers are 3, 4, 5, 6, 7, and 8). |
| 15 | While opening a DTF associated with a file on an OS or DOS disk, an I/O error occurred while reading the extent information for the specified data set. |

Code Meaning

- 16 SYSIPT/SYSRDR is assigned to tape and the record length is not 80 or 81 bytes.
- 17 An unexpected error situation was encountered while performing a tape I/O operation.
- 18 The SAM OPEN/CLOSE (in the CMS/DOS environment) routines have returned with an error indicating that the DTF currently being processed could not be opened because of a lack of virtual storage.
- 19 An attempt was made to OPEN a SAM file in VSAM space. This feature is not supported in CMS/DOS.
- 20 An attempt was made to fetch an invalid or unsupported VSE/AF OPEN transient area.
- 21 For MOVEFILE to process a DOS input file on FB-512 devices, the RECFM and BLOCK must be specified on the input FILEDEF for nn. For a fixed block RECFM, the LRECL also must be specified.
- 22 An attempt was made to open a non-VSAM file on the OS- or DOS-formatted 3380 DASD specified by SYSxxx. CMS/DOS supports the 3380 for VSAM files only.

System Action: RC = 36

Execution of the command is terminated. The system status remains the same.

User Response: Correct the error and reissue the command.

For error code 22, if the file you are trying to access is a VSAM file, use an ACB to open it. If it is not a VSAM file, you cannot open the file under CMS/DOS.

090E

INVALID DEVICE CLASS deviceclass FOR device

Explanation: The device class information returned from the CP DIAGNOSE request (code 24) conflicts with the device being assigned.

System Action: RC = 36

Execution of the command is terminated. The system status remains the same.

User Response: Reissue the command. If this fails, call IBM for software support.

091E

SAVEAREA ADDRESS IN PARTITION PIB NOT EQUIVALENT TO LTA SAVEAREA ADDRESS

Explanation: The current savearea address in the PIB (Partition Information Block) is not the same as the savearea in the LTA (Logical Transient Area).

System Action: RC = 100

Execution of the command is terminated.

User Response: Reissue the command; if the problem persists, call IBM for software support.

092E

STXIT SAVEAREA ADDRESS INVALID

Explanation: The specified savearea address in a STXIT operation is not within the address range of the virtual machine.

System Action: RC = 100

Execution of the command is terminated. The system status remains the same.

User Response: Verify the save area address and reissue the command.

093E

MVCOM MACRO ATTEMPT TO ALTER OTHER THAN POSITION 12-23 OF COMREG

Explanation: The specified MVCOM macro is attempting to alter a position other than the allowed positions 12 to 23 of the communications region.

System Action: RC = 100

Execution of the command is terminated. The system status remains the same.

User Response: Correct the specification of the MVCOM macro and retry.

094E

FROM ADDRESS ON MVCOM MACRO INVALID

Explanation: The address specified in the MVCOM macro is not within the range of the virtual machine.

System Action: RC = 100

Execution of the command is terminated. The system status remains the same.

User Response: Correct the address specified and retry.

095E

INVALID ADDRESS address

Explanation: The specified address is not within the range of the virtual machine, is not a valid storage address, or is not equal to or greater than X'20000'.

System Action: RC = 100

Execution of the command is terminated. The system status remains the same.

User Response: Reissue the command with a valid address.

096E

FILE fn ft DATA BLOCK COUNT INCORRECT

Explanation: The number of data blocks read from tape (for file 'fn ft') does not match the number in the model file status table written on the tape when the file was dumped.

System Action: Execution of the command is terminated. The portion of the file 'fn ft' loaded exists on disk as tape CMSUT1.

User Response: To ensure that the file is properly loaded, reposition the tape to the beginning of the file and reissue the TAPE LOAD command.

096S

UNSUPPORTED FUNCTION IN A LIOCS ROUTINE

Explanation: A Logical IOCS routine was called to perform a function which the routine was not generated to perform.

System Action: RC = 100

Execution of the command is terminated. The system status remains the same.

User Response: Verify that all logical functions to be performed are supported by the Logical IOCS routine linked with your program.

097E

NO 'SYSRES' VOLUME ACTIVE

Explanation: No system residence disk (SYSRES) is active; therefore, no procedure library or relocatable library is active.

System Action: RC = 36

Execution of the command is terminated. The system status remains the same.

User Response: Use the "SET DOS ON mode" command to activate a SYSRES disk, and reissue the command.

098E

NO {PHASE|PROCEDURE} NAME SPECIFIED

Explanation: The command requires the specification of a phase name or procedure name.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Reenter the command supplying a phase name or procedure name.

098S

CMS OS SIMULATION NOT AVAILABLE

Explanation: An OS SVC was issued and a CMS saved segment is not available. OS simulation text is not loaded in free storage. Message DMSINS099W or DMSSET099W was previously issued.

System Action: The system is terminated abnormally, with an abend code of X'0F9'.

User Response:

1. Access a disk containing the proper text for OS simulation and issue the command SET SYSNAME CMSSEG name, where "name" is invalid (in order to get the OS simulation text loaded into free storage), or
2. Issue the command SET SYSNAME CMSSEG name, with a valid name (in order to be able to use the OS simulation text in that saved segment).

098W

CMS OS SIMULATION NOT AVAILABLE

Explanation: DMSINS098W is displayed if, during CMS initialization, it is determined that a CMS saved segment is not available or cannot be loaded, and the OS simulation text could not be loaded into free storage.

DMSSET098W is displayed if, after it was determined that the CMS saved segment was not available, an attempt to load the OS simulation text was unsuccessful. DMSSET098W is preceded by message DMSSET100W.

System Action: If the message is DMSSET098W, RC = 4. If the message is DMSINS098W, no return code is passed and initialization proceeds normally. Any issuance of an OS SVC that follows either of these messages causes the message DMSITS098S to be displayed and the system to terminate abnormally.

User Response: Access a disk containing the proper text for OS simulation or, using the SET command, specify a valid CMS saved segment.

099E

CMS/DOS ENVIRONMENT {NOT} ACTIVE

Explanation: If the message is CMS/DOS ENVIRONMENT NOT ACTIVE, the CMS/DOS environment must be active in order for the command to execute.

If the message is CMS/DOS ENVIRONMENT ACTIVE, the CMS/DOS environment must not be active in order for the command to execute.

If the message is from DMSOPL I/O error reading text, an I/O error has occurred reading from a library and the CCW will be displayed.

System Action: RC = 40
Execution of the command is terminated. The system status remains the same.

User Response: Use the SET DOS command to activate or deactivate the CMS/DOS environment and reissue the command.

099W

GENERATION PARAMETERS INCOMPATIBLE WITH VM/SP

Explanation: The parameters specified on the HOST macro in the stage one input stream for an NCP or PEP control program were not equal to the values required by VM/SP. The control program may not operate correctly if used by VM/SP. (This message does not prohibit saving or loading the control program. It may not indicate an error if the VM/SP generation and load procedures are used for a 3704/3705 control program intended for use by a virtual machine system other than VM/SP.)

System Action: For DMSNCP, RC = 99. Processing continues.

User Response: None.

100E

NO BATCH PROCESSOR AVAILABLE

Explanation: The CMSBATCH module could not find the DMSBTP TEXT S2 file (Batch processor) on any system disk.

System Action: At this point, the operator has a normal CMS interactive machine, not a batch machine.

User Response: Contact your system support personnel.

Routing: This message is displayed at the Batch Facility console at Batch initialization time.

100W

SHARED {S-STAT|Y-STAT} NOT AVAILABLE

Explanation: The S-disk or Y-disk directory has been re-written to disk since it was last saved. This can occur if either disk was accessed in read/write mode and then released, even if the disk was not specifically altered.

System Action: For S-STAT, the S-STAT is built in user storage. For Y-STAT, the Y-disk is accessed using the CMS ACCESS command.

User Response: Call your system support personnel.

101E

BATCH NOT LOADED

Explanation:

1. The CMSBATCH command was issued after the first carriage return following IPL, or
2. The CMSBATCH module encountered errors trying to load the DMSBTP TEXT S2 file (Batch processor). See the LOAD command for possible errors, or
3. The CMSBATCH module could not locate the DMSBTPAB entry point in DMSBTP while searching the loader tables. At this point DMSBTP has already been loaded.

System Action: At this point, the operator has a normal CMS interactive machine, not a batch machine.

User Response: If the explanation is (1) follow start-up procedure (starting with IPL). If it is (2) or (3), contact your system support personnel.

Routing: This message is displayed at the Batch Facility console at Batch initialization time.

101S

SPECS TEMP STRING STORAGE EXHAUSTED AT

Explanation: A specification list was so long that the storage area reserved for storing specification strings was exhausted.

System Action: RC = 88
Execution of the command is terminated. The system status remains the same.

User Response: Copy the file twice, possibly using the OVLY option a second time, so that less string storage is needed each time.

102S

TOO MANY FILEIDS

Explanation: Too many input fileids were specified.

System Action: RC = 88

Execution of the command is terminated. The system status remains the same.

User Response: To correct this situation, use two COPYFILE commands, specifying the APPEND option with the second one.

103S

NUMBER OF SPECS EXCEEDS MAX 20

Explanation: More than 20 specifications were entered.

System Action: RC = 88

Execution of the command is terminated. The system status remains the same.

User Response: Use more than one COPYFILE command, possibly specifying OVLY after the first one.

104S

ERROR nn READING FILE fn ft fm FROM {DISK|XEDIT}

Explanation: An unrecoverable error occurred while reading the file from disk. *nn* indicates the nature of the error; it may be one of the following:

Code	Meaning
1	The specified file was not found.
2	The buffer area is not within user storage limits.
3	A permanent disk read error occurred. This may occur if you link to and access another user's disk, and try to read a file that was refiled by its owner after you issued the ACCESS command. Reissue the ACCESS command and try to read the file again.
5	The number of records is less than zero or more than 32768.
7	The fixed/variable flag in the file status table entry is not F or V.
8	The given storage area was smaller than the actual size of the records read. (This error is valid if reading the first portion of a large record into a small buffer. It does not cause the function to terminate.)
9	The file is open for writing and must be closed before it can be read.
11	Only one record can be read for a variable-length file. In this case, the number of records is greater than 1.
12	An unexpected end of file occurred (the record number specified exceeds the number of records in the file).
13	A variable-length file has an invalid displacement in the active file table.
14	An invalid character was detected in the filename.
15	An invalid character was detected in the filetype.
25	Insufficient virtual storage is available.
26	Requested item number is negative, or item number plus number of items exceeds file system capacity.
27	An attempt was made to update a variable-length item with one of a different length.

System Action: RC = 100 or RC = 1nn (nn described above)

Execution halts. The system remains in the same status as before the command was entered.

For DMSEDI, the edit session is terminated. If the error occurred during a RENUM operation, the workfile is erased and the file being edited remains unchanged.

For DMSDSL, the condition of the DOSLIB file is unpredictable.

For DMSGLO, no global variable tables were created.

For DMSLBM, the condition of the MACLIB file is unpredictable.

For DMSGLB, the library is not globaled, but the operation continues for any other libraries named in the command.

For DMSXGT, if the error occurred during a GET or RERUN operation, the subcommand is terminated and the editing session continues.

For DMSXIN, the execution of the command or subcommand is terminated. If multiple files were being edited, the editing session continues for those files.

For DMSXRE, if the error occurred during a RENUM operation, the subcommand is terminated and the editing session continues.

For the TAPE command, if the DEN, TRTCH, 7TRACK, or 9TRACK options were specified, the modeset byte has been set for the specified device (TAP i , where: $i = 1, 2, 3, 4$) or TAP1. Some records may have been written on tape.

User Response: If you can determine the problem from the "Explanation" and remedy the condition, reissue the command. If not, retry the command and if the problem persists, call your system support personnel.

For DMSDGL, verify DOSLIB integrity with the DOSLIB MAP command.

For DMSGLB, RDBUF has returned an RC other than 0, 1, or 8. RC=1 indicates it is an OS/DOS DISK and RC=8 occurs if the LRECL is greater than 80. Either of these conditions is acceptable.

For DMSLBM, verify MACLIB integrity with the MACLIB MAP command.

For DMSLIO and DMSMOD, reissue the entire LOAD/INCLUDE sequence after checking the error conditions.

It may be that the in-core directory for the minidisk which contains the file being loaded does not match the real directory. The real directory may have been changed since the disk was last accessed. Or, if the saved system is on the system disk, the saved system may have to be resaved.

For error code '09', issue an FSCLOSE macro for the file. If a permanent disk read error occurs (code 3), it may be the result of the user having detached a virtual disk without releasing it. CMS, not realizing that the disk is no longer part of the virtual machine, assumes that the disk is still active and encounters an error when it tries to read or write the file.

105E

NO JOB CARD PROVIDED

Explanation: The first record of the user job was not a /JOB card.

System Action: The batch facility has flushed the user job and continued with the next user job.

User Response: Resubmit the job to the batch facility with the first record of the job in batch facility /JOB format.

Routing: This message is displayed at the Batch Facility console during user job execution.

105S

ERROR nn WRITING FILE fn ft {fm}[ON DISK|TO XEDIT]

Explanation: An unrecoverable error occurred while writing on disk. *nn* indicates the nature of the error; it may be one of the following:

Code	Meaning
2	The virtual storage address is 0.
4	The first character mode is invalid.
5	The second character mode is invalid.
6	The number of records in the file is too large; it cannot exceed 65,533.
7	An attempt has been made to skip over an unwritten variable-length item.
8	The number of bytes was not specified.
9	The file is already active for reading.
10	The maximum number of CMS files (3400) has been reached.
11	The fixed/variable flag is not F or V.
12	The disk is not a CMS read/write disk.
13	The disk is full (recoverable error).
14	The number of bytes to be written is not integrally divisible by the number of records to be written.
15	The length of this record is not the same as that of the previous record.
16	The fixed/variable flag is not the same as that of the previous record.
17	A variable-length record is greater than 65K bytes.
18	The number of records is greater than 1 for variable-length file.
19	The maximum number of data blocks per file (16060) has been reached.
20	An invalid character has been detected in filename.
21	An invalid character has been detected in filetype.
22	Virtual storage capacity has been exceeded.
25	Insufficient virtual storage is available.
26	Requested item number is negative, or item number plus number of items exceeds file system capacity.
27	An attempt was made to update a variable length item with one of a different length.
28	The file is not in Xedit storage and cannot be written to.

System Action: RC = 100

Execution of the command terminates. The system status remains the same.

For DMSDSK, the reader file is saved. The status of the output file is unpredictable.

For DMSEDI, the edit session terminates. The status of the file is as it was before the edit session or at the execution of the last SAVE subcommand or

automatic save. The RENUM workfile is erased. A workfile, EDIT CMSUT1, may have been created on the input disk.

For DMSDSL, the condition of the DOSLIB file is unpredictable.

For DMSLBM, the condition of the MACLIB file is unpredictable.

For DMSLBT, DMSLST, DMSMOD, DMSSRT, DMSTPD, and DMSUPD, the status of the output file is unpredictable.

For DMSRDC, the reader is closed with a HOLD status to preserve the file.

For DMSTPE, if the DEN, TRTCH, 7TRACK, or 9TRACK options were specified, the modeset byte has been set for the specified device (TAP_i, where: $i = 1, 2, 3, 4$) or TAP1. The status of the output file is unpredictable. The tape may not be in the same position as before the command was entered.

For DMSXCP, the EXCP request fails with the return code nn. Check the attributes of the file specified in the DTF and DLBL.

For DMSXFD, if the error occurred during a FILE or SAVE, at temporary work file, XEDTEMP CMSUT1, may have been created on the input disk.

For DMSXPT, if the error occurred during a PUT (D) or RENUM operation, the subcommand is terminated and the editing session continues.

For DMSXRE, if the error occurred during a RENUM operation, the subcommand is terminated and the editing session continues.

User Response: If you can determine the problem from the "Explanation" above and remedy the condition, reissue the command. If not, reissue the command and if the problem persists, call your system support personnel.

For DMSDSL, use the DOSLIB MAP function to verify DOSLIB integrity.

For DMSLBM, use the MACLIB MAP function to verify MACLIB integrity.

For DMSLIO, reissue the LOAD/INCLUDE sequence from the beginning, after checking the above error conditions.

For DMSXCP, specify a smaller partition with the SET DOSPART command, or use the CP define storage command for a larger machine and IPL CMS.

106E

JOB CARD FORMAT INVALID

Explanation:

1. The batch facility detected a missing or invalid userid or missing account number on the user /JOB card, or
2. The userid (if provided) does not exist in the directory, or
3. A user /JOB card exit routine (BATEXIT2) returned a nonzero return code in general register 15.

System Action: The batch facility flushes the user job and continues with the next user job.

User Response: Resubmit the job to the batch facility with a valid userid and an account number in the batch facility /JOB card.

Routing: This message is displayed at the batch facility console during user job execution.

106S **NUMBER OF MEMBER NAMES EXCEEDS MAX nnnn. FILE fn ft NOT ADDED**

Explanation: The number of entries in the dictionary has exceeded the maximum of 1000.

System Action: RC = 88

The system tries to write the dictionary up to and including the previous text deck; then it terminates execution of the command.

User Response: Either delete unnecessary members from the library and retry, or start another library.

107E **CP/CMS COMMAND command, {device} NOT ALLOWED**

Explanation: The named CP or CMS command is not allowed under the CMS batch facility. If it is a CP command, the device is also displayed. If it is a CP LINK command, more than ten LINK commands have been issued without compensating DETACH commands or a possible error has occurred in the LINK command itself.

System Action: CMS continues with the next command in the user job.

User Response: Do not resubmit this command with any batch job. If this was a LINK command reject, check to be sure the LINK command is correct or not more than ten LINK commands have been issued without compensating DETACH commands. Reissue the LINK command after detaching another disk.

Routing: This message is displayed at the batch facility console during user job execution. It will appear on the spooled console output sheet.

107S **DISK mode {(vaddr)} IS FULL**

Explanation: There is not enough space on the specified disk to write the file.

System Action: RC = 100

Execution of the command is terminated. Some records of the output file may have been written out.

User Response: Erase some files from the disk and reissue the command.

108E **/SET CARD FORMAT INVALID**

Explanation: The batch facility detected invalid information on user's /SET card. Possible errors include:

- No blank delimiters between entries
- Invalid keywords
- Noninteger values for settings
- Values for settings greater than installation limits.

System Action: The user job is flushed and the next batch job is started.

User Response: Correct the /SET card and resubmit the job to the Batch Facility.

Routing: This message is displayed at the batch facility console during user job execution. It appears on the spooled console output sheet.

108S

MORE THAN 8 LIBRARIES SPECIFIED

Explanation: Only eight MACLIBs (macro libraries) or TXTLIBs (text libraries) may be specified with a GLOBAL command.

System Action: RC = 88.

Execution of the command is terminated. The old MACLIB or TXTLIB list is cleared.

User Response: Regenerate the MACLIBs or TXTLIBs to include members from other MACLIBs or TXTLIBs, thereby reducing the number of libraries required for this terminal session.

109E

{CPU|PRINTER|PUNCH} LIMIT EXCEEDED

Explanation: A user job exceeded the named limit during execution. The limit was determined either by the user job through a /SET control card or by default to the installation settings.

User Response: If the results are unexpected, debug the job before resubmitting it to batch.

109S

VIRTUAL STORAGE CAPACITY EXCEEDED

Explanation: There is no more space available in your virtual machine to successfully complete execution of the command. Subsequent execution of certain CMS commands may cause the same problem.

For DMSACC, insufficient free storage remains to access the specified disk.

For DMSAMS, Access Method Services was unable to obtain free storage for the terminal buffer to read the tape ddnames.

For DMSBWR, a write buffer operation attempted to write beyond the limits of the virtual machine's storage.

For DMSFCH, either the phase being fetched would exceed FREELWE, or in the case of fetching a \$\$B transient phase, the transient routine would exceed the end of the transient area.

For DMSHLP, not enough storage was available to either load the DMSHLD communication module or acquire buffer space to format the HELP text file.

For DMSLBM, not enough virtual storage was available to contain the MACLIB dictionary.

For DMSLIO, the loading of text files has caused either the transient area or user area limit to be exceeded. Text file sizes are determined by the length fields of ESD statements. An incorrect value in the length field of an ESD statement may cause this condition.

For DMSSOP, the storage to be used for saving the original DCB is not available.

For DMSPRE, either the initial request for a large block of storage failed, or storage was exhausted during suballocation of the block while processing normally.

For DMSTPE, a buffer the size of the LRECL of the file could not be obtained. This happened while the system was trying to load a sparse file onto disk from tape.

For DMSQRS, DMSQRT, DMSQRU; DMSQRV, DMSQRM, DMSQRY, and DMSWRX, you chose the stack and/or FIFO or LIFO option, but there was not enough storage to stack the result.

System Action: DMSBWR passes a return code of 22 to the program that called it, which then passes a return code of 104. DMSSMN is terminated abnormally with abend code X'804' or X'80A'. DMSVIP abends with CMS abend code X'177'. All other modules that issue this message pass a return code of 104; execution of the command is terminated, and the system status remains the same.

For DMSACC, the disk is not accessed. Any disk already accessed at the specified point in the search order is released, but not detached.

For DMSOVR, SVCTRACE is turned off if it was on.

For DMSLBM, if additions were being made to the MACLIB (GEN, ADD, or REP functions), it contains all successful additions made before storage was exceeded.

For DMSSOP, opening of the file is terminated.

For DMSTPE, the failure occurred before any records were written out to disk. Therefore, no file is created. TAPE processing terminates with a return code of 104. All files previously loaded are retained.

For DMSQRS, DMSQRT, DMSQRU, DMSQRV, DMSQRX, and DMSQRY, RC = 109. The execution of the command is terminated.

User Response: You can use the CP DEFINE command to increase the size of the virtual machine, or issue the CMS command RELEASE for any disk no longer needed, to free some of the virtual machine storage. IPL CMS again and reenter the command.

Alternatively, you can do the following:

For DMSARN, DMSSMN, and DMSTPD, reduce the size of the program and retry.

For DMSDLB, clear old definitions that are no longer needed, and retry.

For DMSLBM, issue the MACLIB MAP command to determine the contents of MACLIB. Define additional storage with a CP DEFINE command. Continue processing with the remaining additions.

For DMSLIO, redefine loading locations (origin) or redefine the virtual storage size using the CP command DEFINE. Reissue the entire LOAD/INCLUDE sequence.

If you ran out of storage while trying to acquire a large GETMAIN area, and your virtual machine size is above the point where the CMS nucleus begins, IPL a CMS system that was generated at a higher virtual address than the

one you are using. If the saved system CMSL is available, IPL it. If not, contact your system support personnel.

109T

VIRTUAL STORAGE CAPACITY EXCEEDED

Explanation: There is insufficient virtual storage available for file management control blocks.

System Action: The virtual machine is placed in a disabled wait state and the disk is not updated.

User Response: Issue the CP command DEFINE to increase the size of the virtual machine, IPL CMS again and reenter the command.

110E

CORRECT FORM IS: DOSGEN LOCATION {SEGNAME}

Explanation: An invalid form of the DOSGEN, or, CMSXGEN command was specified.

System Action: RC = 24
Execution of the command is terminated. The system status remains the same.

User Response: Correct and reissue the command. 'segname' is optional; if you do not specify it, it defaults to CMSDOS for DOSGEN.

110S

ERROR READING TAPn {(raddr)}

Explanation: A permanent I/O error occurred while reading the specified tape, or the tape is not attached.

System Action: RC = 100
Execution of the command is terminated. For the TAPE command, if the DEN, TRTCH, 7TRACK, or 9TRACK options were specified, the modeset byte has been set for the specified device (TAPi, where: *i* = 1, 2, 3, 4) or TAP1. The tape may not be in the same position as before the command was entered.

User Response: If the tape is attached, make sure that it is the correct tape; rewind the tape via the TAPE REW command, position the tape, and retry. If the error persists, check the format of the tape for parity errors, missing tape marks, etc. For the TAPEMAC command, if the problem persists, use the OS utility IEHMOVE to create the PDS again on another tape.

111E

DOSGEN FAILED DUE TO LOAD ERRORS

Explanation: Errors occurred when trying to load (using the Loader) CMS text decks into the discontinuous saved segment.

System Action: RC = 36
Execution of the command is terminated. The system status remains the same.

User Response: Print or display the file on the A-disk with filename and filetype 'LOAD MAP', which contains diagnostic messages. In some cases, Loader messages may precede this message. If this occurs, refer to the Loader message and follow the user action given.

111S

ERROR WRITING TAPn (raddr)

Explanation: A permanent I/O error occurred when writing the specified tape.

System Action: RC = 100

If the DEN, TRTCH, 7TRACK, or 9TRACK options were specified, the modeset byte has been set for the specified device (TAP_i, where: *i* = 1, 2, 3, 4) or TAP1. The tape may not be in the same position as before the command was entered.

User Response: Reissue the command. If the error persists, contact your system support personnel.

112S

mode (addr) DEVICE ERROR

Explanation: An error was encountered in trying to access the disk, either because it is an unsupported device, or because an I/O error occurred while reading in the master file directory from the device.

System Action: RC = 100.

Execution of the command is terminated. The system status remains the same unless another disk was replaced by this access, as indicated by message DMSACC724I.

User Response: If this is the first time that you are using this CMS disk, use the FORMAT command to format it. Reissue the command. If the problem persists, contact your system support personnel.

113S

{mode|DEVICE|DISK|PRINTER|
PUNCH|READER|TAPn|TAPIN|TAPOUT}
(addr) NOT ATTACHED

Explanation: The specified device is not attached to the virtual machine. If the message is issued for a tape, it also may mean that the tape has not been mounted or the device is not ready.

System Action: RC = 100

Execution of the command is terminated. The system status remains the same unless another disk was replaced by this access, as indicated by message DMSACC724I.

User Response: If the specified device is a disk, issue the CP command LINK to attach the disk to the virtual machine, or ask the system operator to attach the disk to your virtual machine.

If the specified device is a printer, punch, or reader, use the CP command DEFINE to attach it to your virtual machine.

If the specified device is a tape drive, ask the system operator to attach or mount the tape and ready the device.

Then reissue the command.

114E

PROGRAM NOT LOADED; [CMS/DOS ENVIRONMENT {NOT} ACTIVE]

Explanation: Either the CMS/DOS environment is active and you are trying to load a program that uses OS macros, or the CMS/DOS environment is not active and you are trying to load a program that uses DOS macros. Neither of these situations is allowed.

System Action: RC = 40 or -0005
The command is not executed.

User Response: Use the CMS command SET to set DOS on or off, and reissue the command.

114S

raddr IS AN UNSUPPORTED DEVICE, OR REQUESTED BLKSIZE IS NOT SUPPORTED FOR THE DEVICE

Explanation: VM/SP HPO does not support either the attached device or the requested block size.

System Action: RC = 88
Execution of the command is terminated. The system status remains the same.

User Response: Attach a device that is supported by VM/SP HPO, or issue the command with a valid block size for the device.

115E

PHASE LOAD POINT LESS THAN address

Explanation: The phase load point is less than the beginning of the user area.

System Action: RC = 40
Execution of the command is terminated. The system remains in the same status as before the routine was entered.

User Response: Ensure that the phase load point is greater than or equal to the beginning of the user area by altering linkage-editor control statements.

115S

**{CONVERSION|{7|9}-TRACK|{800|6250} BPI|
TRANSLATION|DUAL-DENSITY} FEATURE NOT SUPPORTED ON
DEVICE raddr**

Explanation: The user has specified a tape mode setting that requires a feature not supported by the attached real device.

System Action: RC = 88
The system remains unchanged; the tape device has not been repositioned.

User Response: Reissue the command using mode options (nTRACK, DEN, TRTCH) appropriate for the attached device; or attach a device with the appropriate features.

116S

LOADER TABLE OVERFLOW

Explanation: There are too many entry-point or control-section names in the loader table built during loading.

System Action: RC = 104
Loading is terminated.

User Response: IPL CMS again, redefine the number of loader tables with the SET command, and issue the LOAD/INCLUDE sequence (for DMSLIO) or the LOADMOD command (for DMSMOD).

117S

ERROR WRITING TO DISPLAY TERMINAL

Explanation: An I/O error occurred when a DIAGNOSE command was issued to write to a display terminal during an EDIT or XEDIT session.

System Action: RC = 100
The EDIT session is terminated. The virtual machine is placed in CMS mode.

For a System Product Editor session, the terminal is set to typewriter mode, and the editing session continues.

User Response: Retry the EDIT session. If the problem persists, contact your system support personnel.

For the System Product Editor, the subcommand SET TERMINAL DISPLAY may be issued to return the editor to display mode. If the problem persists, contact your support personnel.

118S

ERROR PUNCHING FILE {fn ft fm}

Explanation: An input/output error occurred while punching the file.

System Action: RC = 100
Some of the file may have been punched. The file being read is closed and an attempt is made to close the punch before terminating the command.

User Response: Reissue the command. If the problem persists, contact your system support personnel.

119S

UNSUPPORTED FORM OF {macro|parm} {MACRO|SVC}

Explanation: An unsupported or invalid form of the macro or SVC listed in the message has been executed by a user program.

System Action: CMS is terminated abnormally with an abend code of X'400'.

User Response: Check your program for an invalid or unsupported form of the macro listed in the message.

{IN|OUT}PUT ERROR CODE nn ON ddname

Explanation: The indicated error code was returned from an OS READ, WRITE, GET, or PUT macro.

The error code in the message is supplied only if the error was an INPUT or OUTPUT error, not if it was a FIND, POINT, BSP, or some other type of operation error. Error codes differ for the various types of devices. Error code meanings are listed below.

For DMSSCT, CMS issues this message if an I/O error is encountered by an OS CLOSE macro or if an I/O error is encountered by an OS CHECK, GET, or PUT macro and a SYNADAF routine is not specified by the user.

For DMSSVT, this message is built by the simulation routine for the SYNADAF macro; it is issued by a user SYNAD routine. If the message is printed by an OS program product SYNAD routine, the SYNAD routine usually places a message number of its own in front of the message number listed above and append some information of its own to the end of the message.

System Action: For DMSSCT and DMSSBS, CMS is terminated abnormally with an abend code of 1.

For DMSSVT, the program continues to execute.

For DMSFCH, RC = 100 and execution of the command is terminated.

User Response: Use the error code to determine the correct message and possible cause of the error.

ALL DEVICES

Code	Meaning
254	BSAM, BPAM, or BPAM-CHECK was called with an unposted ECB specified.

DISK INPUT

Code	Meaning
1	The file was not found.
2	The virtual storage area was not within the limits of the virtual machine.
3	A permanent disk error occurred.
5	The number of items was zero.
7	The fixed/variable flag in FST entry was not F or V.
8	The given storage area was smaller than the actual size of the item read. (Recoverable error; the number of bytes corresponding to the size of the buffer have been read.)
9	The file is open for writing; it must be closed before it can be read.
11	The number of items is greater than 1, for a variable-length file.
12	An unexpected end of file occurred (the item number specified exceeds the number of items in the file).
13	A variable-length file has an invalid displacement in the active file table.
25	Insufficient virtual storage is available.
26	Requested item number is negative, or item number plus number of items exceeds file system capacity.
80	An I/O error occurred while reading an OS data set or DOS file.

Code	Meaning
255	BDAM or BSAM (CREATE)- either: <ol style="list-style-type: none"> 1. A specification error occurred, or 2. An I/O error occurred while reading or writing KEYS, or 3. The XTENT option was not specified in the FILEDEF command, or the XTENT was too small. BPAM - An I/O error occurred while reading in or writing out the directory of a MACLIB file.

Note: All errors except 8 (above) cause execution of the command to terminate. Error 8 is valid if reading the first portion of a large record into a small buffer.

DISK OUTPUT

Code	Meaning
1	The filename or filetype was not specified, or is invalid.
2	The virtual storage address is zero.
4	The first character mode was invalid.
5	The second character mode was invalid.
6	The number of records in the file is too large; it cannot exceed 65,533.
7	An attempt was made to skip over an unwritten variable-length item, or an update was attempted to a file on a read-only extension disk.
8	The number of bytes was not specified.
9	The file was already active for reading.
10	The maximum number of CMS files (3500) was reached.
11	The fixed/variable flag was not F or V.
12	The mode is S (system) or other read-only disk.
13	The disk is full.
14	The number of bytes to be written is not integrally divisible by the number of records to be written.
15	The length of this item is not the same as the previous item.
16	The fixed/variable flag is not the same as that of the previous record.
17	A variable-length item is greater than 65K bytes.
18	The number of items is greater than 1 for variable-length file.
19	The maximum number of data blocks per file (16060) was reached.
20	An invalid character was detected in the filename.
21	An invalid character was detected in the filetype.
22	Virtual storage capacity has been exceeded.
25	Insufficient virtual storage is available.
26	Requested item number is negative, or item number plus number of items exceeds file system capacity.
27	An attempt was made to update a variable length item with one of a different length.
255	BDAM or BSAM (CREATE) - either: <ol style="list-style-type: none"> 1. A specification error occurred, or 2. An I/O error occurred while reading or writing KEYS, or 3. The XTENT option was not specified in the FILEDEF command, or the XTENT was too small. BPAM - An I/O error occurred while reading in or writing out the directory of a MACLIB file.

CONSOLE INPUT

Code Meaning

- 2 Invalid code - no read was issued.
- 12 A null line or end-of-file condition was encountered.

CONSOLE OUTPUT

None.

TAPE INPUT AND OUTPUT

Code Meaning

- 1 An invalid function or option list was encountered.
- 3 A permanent I/O error occurred.
- 4 An invalid device identification was specified.
- 5 The tape was not attached.
- 6 The tape is file protected.
- 7 A serious tape error occurred.
- 8 Incorrect length error.
- 12 An end-of-file or end-of-tape condition was encountered.

PRINTER

Code Meaning

- 1 The buffer size is too large.
- 2 Channel 12 was sensed (virtual 3211 only).
- 3 Channel 9 was sensed (virtual 3211 only).
- 5 An unknown error occurred.
- 100 The device is not attached, or intervention is required.

CARD READER

Code Meaning

- 2 The file was not read.
- 3 An unknown error occurred.
- 4 The device is not operational.
- 5 The count was not equal to the requested count.
- 8 The given storage area was smaller than the actual size of the item read. (Recoverable error; the number of bytes corresponding to the size of the buffer have been read.)
- 12 End of file was reached.
- 100 The device is not attached.

CARD PUNCH

Code Meaning

- 2 An unrecoverable unit check occurred.
- 3 An unknown error occurred.
- 4 The device is not operational.
- 100 The device is not attached.

UNSUPPORTED SVC svc (HEX xx) CALLED FROM addr

Explanation: The caller issued an SVC, specifying a number that was not recognized by the CMS or CMS/DOS SVC handler.

The CMS SVC handler recognizes the following SVC numbers:

- SVC 202 (X'CA') and SVC 203 (X'CB') are always recognized by the CMS SVC handler, since these SVCs are used to specify CMS system functions and commands.
- A program may specify an SVC handling routine by means of the HND SVC function. Until cleared, these SVC numbers are recognized by the SVC handler.
- Certain SVC numbers are supported by the OS macro simulation routines. There are two types of these simulation routines. The SVC numbers supported by the storage-resident CMS nucleus are always recognized by the SVC handler. Those supported by the disk-resident transient library are recognized by the SVC handler only if the file DMSSVT module can be found.
- Certain SVC numbers are supported by the DOS macro simulation routines. The SVC numbers supported by the shared segment resident routine are always recognized by the SVC handler.

System Action: After the error message is displayed, no further action is taken. Control returns to the routine that made the SVC. For DMSDOS, RC = 100, and execution of the command terminates.

User Response: To stop execution of the program, type HX. You can remove the specified SVC call from the caller's program, or use the CMS SVC handler function (HND SVC) to provide your own routine to handle the specified SVC.

ERROR IN CALL TO routine FROM addr, ERROR CODE nnn (HEX xxxxxx)

Explanation: A CMS SVC (202 or 203) instruction was executed, and no provision was made for an error return from the routine processing the SVC. Nonetheless, an error occurred. "nnn" is the return code, in decimal, issued by the routine given in the message; "xxxxxx" is the same return code, in hexadecimal.

System Action: The system is terminated abnormally with abend code X'OF3'.

User Response: If you enter DEBUG and type GO, control returns to the point to which a normal return would have been made. Register 15 contains the error code.

123S

ERROR nn {PRINTING|PUNCHING} FILE fn ft fm

Explanation: An I/O error was encountered while attempting to print or punch a record. Refer to message DMSxxx120s for an explanation of error codes.

System Action: RC = 100

The output device is closed and execution of the command is terminated.

User Response: Use the error code to determine possible cause of error. Reissue the command, and if the error persists, contact your system support personnel.

124S

ERROR READING CARD FILE

Explanation: A permanent input/output error occurred when reading a specified file.

System Action: RC = 100

Execution of the command is terminated. The reader is closed with the HOLD option to attempt to preserve the file.

User Response: Reissue the command. If the error persists, contact your installation support personnel.

125S

PERMANENT UNIT CHECK ON DISK mode(raddr)

Explanation: An unrecoverable I/O error occurred on the specified disk.
RC = 100

System Action: Execution of the command terminates. Some cylinders may have been formatted which will be indicated by message DMSFOR732I.

If you receive the error message DMSFOR125S when doing a CMS format of a 3340/3344 disk, the error probably resulted from a defective track on the disk. CMS uses overflow records on 3340/3344 devices for 2K BLKSIZE, but VM does not provide alternate track recovery on 3340/3344 disks when overflow records are involved.

User Response: Contact your system support personnel.

126S

ERROR {READING|WRITING} LABEL ON DISK mode(raddr)

Explanation: An unrecoverable I/O error occurred on the specified disk.

System Action: RC = 100

Execution of the command is terminated. The system status remains the same.

User Response: Contact your system support personnel.

127S

UNSUPPORTED DEVICE FOR ddname

Explanation: The command does not support the device specified for the given ddname.

System Action: RC = 100

Execution of the command is terminated. The system status remains the same.

User Response: Reissue the FILEDEF command, specifying the correct device type, and retry the command. If the error persists, call your system support personnel.

128S

I/O ERROR ON INPUT AFTER READING nnn RECORDS: INPUT ERROR code ON ddname

Explanation: The SYNAD exit was taken in response to an OPEN, GET, or CLOSE macro on the DCB for the specified ddname. The meaning of the error code can be found in the explanation of message DMSxxx120S in this manual.

System Action: RC = 100

Execution of the command is terminated. The system status remains the same.

User Response: Correct the condition causing the I/O error, and reissue the command.

129S

I/O ERROR ON OUTPUT WRITING RECORD NUMBER nnnn: OUTPUT ERROR code ON ddname

Explanation: The SYNAD exit was taken in response to an OPEN, PUT, or CLOSE macro on the DCB for the specified ddname. The meaning of the error code can be found in the explanation of message DMSxxx120S in this manual.

System Action: RC = 100

Execution of the command is terminated. The system status remains the same.

User Response: Correct the condition causing the I/O error, and reissue the command.

130S

BLOCKSIZE ON V FORMAT FILE ddname IS LESS THAN 9

Explanation: The FILEDEF for the ddname specifies a record format (RECFM) of V, but the specified blocksize (BLOCK) is less than nine.

Note: A block of a variable length (V-format) file begins with a four byte field giving the size of the block. Furthermore, each logical record within the block begins with a four byte field specifying the size of that logical record. For that reason, a V-format file cannot have a blocksize less than nine.

System Action: RC = 88

Execution of the command is terminated. The system status remains the same.

User Response: Specify a blocksize of nine or greater, and retry.

131S

IPL DEVICE WRITE I/O ERROR

Explanation: An uncorrectable I/O error occurred while writing the nucleus.

System Action: The system continues as if the user had responded "no" to DMSINI607R.

User Response: Make sure that the nucleus cylinder number is not larger than the size of the disk. If it is, perform an IPL and specify the correct cylinder number. If it is not, call your system support personnel.

132S

FILE fn ft fm TOO LARGE

Explanation: The specified file is too large for the user's virtual machine.

System Action: RC = 88
Execution of the command is terminated. The system status remains the same.

User Response: Split the file, or use the CP command DEFINE to increase the size of the virtual machine, and reissue the command.

133S

INVALID GETMAIN OR FREEMAIN SPECIFICATION

Explanation: Either the user passed invalid parameters or the GETMAIN or FREEMAIN chain has been destroyed.

System Action: The system is terminated abnormally with abend code X'704', X'705', X'804', X'80A', X'905', X'90A', X'A05', or X'A0A'.

User Response: Check for possible GETMAIN or FREEMAIN specification errors in the user program.

134S

UNSUPPORTED SVC 203 CODE nn CALLED FROM addr.

Explanation: SVC 203 was executed, and the halfword code following it was not recognized by the system.

System Action: The system is terminated abnormally with abend code X'0F1'.

User Response: If you enter DEBUG and type GO, control returns to the point following the SVC call.

135S

MAXIMUM SVC DEPTH nnnn HAS BEEN EXCEEDED WITH CALL AT addr

Explanation: SVC recursion occurs when one SVC handling routine executes an SVC instruction which invokes another SVC handling routine which, in turn, executes an SVC instruction. This can happen, for example, when EXEC files make nested calls to other EXEC files.

The CMS system does not allow the nesting level of SVCs to exceed nnnn.

System Action: The system is terminated abnormally with abend code X'0F2'.

User Response: Type in the next command; this will cause abend recovery to take place.

136S

UNABLE TO LOAD IDCAMS

Explanation: The command has not been executed because Access Method Services could not successfully load the DOS/VS IDCAMS Access Method Services program.

System Action: RC = 104

Execution of the command is terminated. The system status remains the same.

User Response: Verify whether sufficient virtual storage is available to run Access Method Services under CMS/VSAM. If not, define a larger virtual machine, IPL CMS again, and reissue the command. If sufficient storage was available, contact your system support personnel.

136T

SVC CALL FROM addr ILLEGALLY RE-ENTERS INTSVC. RE-IPL CMS

Explanation: The CMS nucleus has failed. An SVC instruction was executed unexpectedly by the CMS nucleus before interpretation of the preceding SVC call had been completed.

System Action: The system is terminated by loading a disabled wait state PSW.

User Response: Issue the CP DUMP command to get a dump of virtual storage, save the output, and call IBM for software support. Then IPL CMS again.

137S

ERROR nn ON STATE FOR fn ft fm

Explanation: An error occurred while attempting to determine if a 'fn ft' exists that must be erased before continuing to load the tape.

nn indicates the nature of the error; it may be one of the following:

Code	Meaning
20	An invalid character appeared in the fileid.
36	The disk is not accessed.

System Action: RC = 100

The tape is positioned within the data file.

User Response: If you can determine the problem from the "Explanation" and remedy the condition, reissue the command. Otherwise, reissue the command and if the problem persists, contact your system support personnel.

137T

CALL TO routine FROM addr DESTROYED SYSTEM SAVE AREA. RE-IPL CMS

Explanation: A critical system control block was found to contain invalid information upon return from a function or command.

System Action: The system is terminated by loading a disabled wait state PSW.

User Response: IPL CMS again.

138S

ERROR nn ERASING fn ft BEFORE LOADING TAPE

Explanation: After determining that there was a file named 'fn ft' on the A-disk, an attempt was made to erase it before continuing the PDS load from tape. However, the erase failed for the specified reason.

Code Meaning

24	The disk is read-only, or the option, parameter, mode, or fileid is invalid. Erase is not allowed.
28	The file was not found.
36	The disk is not accessed.

System Action: RC = 100

Execution of the command is terminated. The tape is positioned within the data file.

User Response: Access the A-disk in write mode and reissue the command.

138T

DMSKEY CALL FROM addr OVERFLOWS KEY STACK, WITH MAX DEPTH 7

Explanation: The DMSKEY key stack overflowed. For a complete description of the DMSKEY key stack, see the description of the DMSKEY macro in the *VM/SP HPO System Programmer's Guide*.

System Action: The system is terminated abnormally with abend code X'0F4'.

User Response: If you enter DEBUG and type go, execution continues and the DMSKEY macro is ignored.

139S

TAPE FILE EXCEEDS 9 CMS MACLIBS

Explanation: Nine CMS MACLIBs have already been created and there is still more data on the tape.

System Action: RC = 104

Execution of the command is terminated; the tape is positioned within the data file.

User Response: If possible, increase the ITEMCT value in order to create larger CMS files. If this is not possible, it may be necessary to use the TAPPDS command to load each member as a different file on the disk and then create the MACLIBs from the individual files using the MACLIB command.

- 139T** **DMSKEY RESET FROM addr UNDERFLOWS KEY STACK**
- Explanation:** The DMSKEY key stack was empty and a program routine tried to delete one more key from it. For a complete description of the DMSKEY key stack, see the description of the DMSKEY macro in the *VM/SP HPO System Programmer's Guide*.
- System Action:** The system is terminated abnormally with abend code X'0F5'.
- User Response:** If you enter DEBUG and type "go", execution continues and the DMSKEY macro is ignored.
- 140S** **{function|FEOVD|SEOV|FEOV} {MACRO|FUNCTION(S)}**
- Explanation:** CMS/DOS does not support the specified macros or functions.
- System Action:** RC = 100
Execution of the command is terminated.
- User Response:** Eliminate the unsupported macros or functions from the user program and reissue the command.
- 140T** **routine ROUTINE CALLED FROM addr DID DMSKEY WITH NO RESET.**
- Explanation:** When control returned from a command or function, the DMSKEY key stack for that command or function was not empty. For a complete description of the DMSKEY key stack, refer to the description of the DMSKEY macro in the *VM/SP HPO System Programmer's Guide*.
- System Action:** The system is terminated abnormally with abend code X'0F6'.
- User Response:** If you enter DEBUG and type "go", control returns from the function or command as if the key stack were empty.
- 141S** **DOSGEN FAILED DUE TO SAVESYS ERRORS**
- Explanation:** Errors occurred while trying to issue the CP SAVESYS command to save the discontinuous shared segment.
- System Action:** RC = 100
Execution of the command is terminated. The system status remains the same.
- User Response:** A CP error message was issued before this message. Locate the CP error message and follow the user action given.

141T

exception EXCEPTION OCCURRED AT addr IN ROUTINE callee

Explanation: The specified hardware exception occurred at the specified location.

System Action: The system is terminated abnormally with abend code X'0Cn', where *n* depends on the type of exception:

n	Type
0	Imprecise
1	Operation
2	Privileged operation
3	Execute
4	Protection
5	Addressing
6	Specification
7	Decimal data
8	Fixed-point overflow
9	Fixed-point divide
A	Decimal overflow
B	Decimal divide
C	Exponent overflow
D	Exponent underflow
E	Significance
F	Floating-point divide

User Response: Enter DEBUG mode to examine the PSW and registers at the time of the exception.

142S

SAVED SYSTEM NAME name INVALID

Explanation: The name specified with the SET command was not the same as one of the labels in the SYSNAMES table; that is, it was not CMSSEG, CMSDOS, CMSAMS, or CMSVSAM.

System Action: RC = 24
Execution of the command is terminated.

User Response: Reissue the command, specifying a valid name.

142T

**exception EXCEPTION OCCURRED AT addr IN ROUTINE routine
DURING SPIE EXIT ROUTINE**

Explanation: The specified hardware exception occurred during a SPIE exit routine.

System Action: The system abends with abend code X'OCn', where *n* depends on the type of exception.

n	Type
0	Imprecise
1	Operation
2	Privileged operation
3	Execute
4	Protection
5	Addressing
6	Specification
7	Decimal data
8	Fixed-point overflow
9	Fixed-point divide
A	Decimal overflow
B	Decimal divide
C	Exponent overflow
D	Exponent underflow
E	Significance
F	Floating-point divide

User Response: Enter DEBUG mode to examine the PSW and registers at the time of the exception.

143S

**UNABLE TO LOAD SAVED SYSTEM OR LOAD MODULE [ERROR
CODE = nn]**

Explanation: Neither a CMS segment nor an EDMAIN load module is available.

Code Meaning

2	indicates DCSS was not available, and the CMS subset was active so the XEDMAIN module could not be loaded.
4	indicates DCSS was available but an error occurred while trying to load it. The CMS subset was active and the XEDMAIN module could not be loaded.

System Action: RC = 40

Execution of the command is terminated. The system status remains the same.

User Response: Access a disk with an EDMAIN MODULE or use the SET command to ensure that the CMSSEG entry in the SYSNAMES table contains the name of an available CMS segment.

143T

**exception EXCEPTION OCCURRED AT addr in SYSTEM ROUTINE
called. IPL CMS again**

Explanation: The specified hardware exception occurred in a CMS system routine.

System Action: The CMS system halts by loading a disabled wait state PSW.

User Response: You may continue processing (with DEBUG) by using the CP command STORE PSW to turn off the wait state bit in the virtual PSW, leaving the address field unmodified; then type BEGIN.

Note, however, that the exception may have occurred in a vital system function, and so the system may no longer function properly. You may even lose your read/write disks. If this happens, IPL CMS again.

144S

REQUESTED FILE IS IN ACTIVE STATUS

Explanation: The fileid specified in the EDIT command line is that of a file currently in use, or in active status. The read pointer for the file may be at any record in the file, which would cause that record to be read into storage by the Editor as the first record in the file. A subsequent FILE or SAVE command would result in loss of records prior to the first record read into storage. This problem could exist if an EXEC is being executed which includes an EDIT command specifying the fileid of the EXEC.

System Action: Execution of the command is terminated. The system status remains the same.

User Response: Ensure that the file is not active when the EDIT command is issued. In the EXEC example, change the EXEC and issue the EDIT command separately.

144T

exception EXCEPTION OCCURRED AT addr IN ROUTINE called WHILE UFDBUSY = xx. IPL CMS AGAIN

Explanation: A program exception occurred in a routine that updates the user file directory for a read/write disk. The UFDBUSY flags are set. The UFDBUSY flags are defined in the FVSSECT of the *VM/SP HPO Data Areas and Control Block Logic*.

System Action: The CMS system halts by loading a disabled wait state PSW.

User Response: You can continue processing by using the CP command STORE PSW to turn off the wait state bit in the virtual PSW, leaving the address field unmodified; then type BEGIN.

Note, however, that the exception may have occurred in a vital system function, and so the system may no longer function properly. You may even lose your read/write disks.

145S

INTERVENTION REQUIRED ON {PRINTER|PUNCH}

Explanation: This message is issued if:

- The punch or printer is not ready.
- Spooling space is exhausted while a file is being punched or printed.
- FCB (3203/3211) does not match carriage control
- The printer has an extended FCB with the duplication feature selected. This error occurs with the CMS PRINT command because the heading line is too long. For the PRINTL macro, the specified duplication offset is invalid for the given line length, or the line is too long to be duplicated.

System Action: RC = 100

If the punch or printer was not ready, the system status remains the same. If spooling space was exhausted, the file has been punched or printed up to the point where the space ran out, and the system operator has been notified of the condition.

If the EXTENDED FCB duplication feature was invalid, then the file has been printed up to the point that the invalid duplication was encountered.

User Response: Ready the punch or printer via the CP READY command. If spooling space was exhausted, ask the system operator when spooling space will be available for punching or printing the file again. The form control buffer should be loaded if the printer was previously attached to a user or there is a mis-match between the FCB and carriage control. If the FCB needs to be loaded, refer to LOADBUF command in the *VM/SP HPO Operator's Guide*.

If the EXTENDED FCB duplication feature was selected and if the CMS PRINT command was issued, load an FCB that does not have the duplication feature, or disable the duplication feature on the printer. If the PRINTL macro was issued, adjust the line length and/or the duplication offset, or disable the duplication feature.

146I

IDUMP FOR identifier mm/dd/yy hh:mm

Explanation: This message is issued to inform the operator that an IDUMP was taken on the virtual printer.

System Action: Processing continues. This is only an informational message.

User Response: None.

147R

IS THE SHARED {S-DISK|Y-DISK} DIRECTORY TO BE USED WITH THIS SYSTEM? YES NO

Explanation: Since the shared directories are copies of the current in-storage UFDS, the segment must be generated on the same level system to use the segment.

System Action: None.

User Response: If the currently generated system is the wrong level or the shared directory feature is not wanted, reply 'NO'. A reply of 'YES' causes the current in-storage S-STAT or Y-STAT to be copied into the CMSZER segment and saved with the named segment. If you reply 'NO' to this S-DISK message, the system will also bypass erasing the Y-DISK.

148T

SYSTEM ABEND xxx CALLED FROM addr

Explanation: The system detected a condition that made it impossible to continue execution of your program or command.

System Action: The system clears any stacked input lines and allows you to enter your next command.

If you enter the DEBUG command, DEBUG mode is entered with the PSW and registers set as they were when the abend occurred. If you enter any other command, the abend recovery routine releases all your virtual storage

and reinitializes the command handling mechanism before executing your next command.

User Response: Enter a valid command.

149T

nnn (HEX xxx) DOUBLEWORDS OF SYSTEM STORAGE HAVE BEEN DESTROYED. RE-IPL CMS

Explanation: In attempting to recover from a system abend, the abend recovery routine discovered invalid data in some critical system storage area.

System Action: The CMS system halts by loading a disabled wait state PSW.

User Response: If you wish to continue abend recovery, use the CP STORE command PSW to turn off the wait state bit, leaving the address field unmodified; then type BEGIN. However, the system may be unable to continue operating properly, and, in the worst case, you may destroy your read/write disks.

150W

nnn (HEX xxx) DOUBLEWORDS OF SYSTEM STORAGE WERE NOT RECOVERED

Explanation: In attempting to recover from a system abend, not all system storage was recovered.

System Action: Abend recovery proceeds as if storage recovery had been successful.

User Response: You may continue processing; your program should be executed correctly. Note, however, that the amount of storage available to your program is reduced by the amount shown in the message.

151E

3278 MOD 5 DISPLAY TERMINAL NOT SUPPORTED BY OLD CMS EDITOR

Explanation: The 3278 MOD 5 is a new display device and is not supported by the old CMS editor.

System Action: The EDIT session is terminated.

User Response: The 3278 MOD 5 display device may be used under the system product editor in edit compatibility mode. For details, refer to the System Product Editor Command and Macro Reference.

152T

SYSTEM ABEND xxx CALLED FROM addr WHILE UFDBUSY = xx. RE-IPL CMS

Explanation: A system abend occurred in a routine that updates the user file directory for a read/write disk. The UFDBUSY flags are set. The UFDBUSY flags are defined in the FVSSECT of the *VM/SP HPO Data Areas and Control Block Logic*.

System Action: The system is terminated by loading a disabled wait state PSW.

User Response: If you wish to continue abend recovery, use the CP command STORE PSW to turn off the wait state bit leaving the address field unmodified, and type BEGIN. However, the system may be unable to

continue operating properly, and, in the worst case, you may destroy your read/write disks.

153W

HX DURING ABEND PROCESSING WAS IGNORED

Explanation: 'HX' was typed while the abend processing routine was in progress.

System Action: The system ignores the 'HX' and continues abend processing.

User Response: None.

154T

SAVE AREA FOR SVC CALL FROM addr CANNOT BE ALLOCATED

Explanation: Insufficient free storage is available to allocate a save area for an SVC.

System Action: The system is terminated abnormally with abend code X'0F0'.

User Response: If the abend was caused by an error in the application program (such as an unending loop), fix the program and retry. If not, use the CP DEFINE command to increase the size of your virtual storage, IPL CMS again, and reissue the command.

155T

USER ABEND nnnn CALLED FROM addr

Explanation: An abend macro was executed at the specified location.

System and User Action: The system clears any stacked input lines and allows you to type in your next command.

If you enter the DEBUG command, DEBUG mode is established with the PSW and registers set as they were when the abend occurred. If you enter any other command, the abend recovery routine releases all your virtual storage and reinitializes the command handling mechanism before executing your next command.

156E

{FROM|RECORD} nnn NOT FOUND - FILE fn ft fm HAS ONLY nnn RECORDS

Explanation: The FROM option was given in the command line or set up by the DEFAULTS command to specify the starting record of the copying operation, but the specified input file does not contain that many records.

System Action: RC = 32

Execution of the command is terminated. The system status remains the same, with the following exceptions:

- If the APPEND option was specified and the copying process began before the error was discovered, records have been appended to the output file.
- If the NEWFILE (the default), REPLACE, or OVLY option was specified and the copying process began before the error was discovered, then COPYFILE CMSUT1, on the output disk, contains the records copied so far.

- If in multiple-output-file mode, several output files may have been created before the error was discovered.

For the XEDIT command, a GET subcommand was issued that specified a record number beyond the end of file.

User Response: Reissue the command, specifying a valid starting record.

157E

LABEL label NOT FOUND IN FILE fn ft fm

Explanation: The FRLABEL option was specified in the command line, but the given label was not found in the specified input file.

System Action: RC = 32

Execution of the command is terminated. The system status remains the same, with the following exceptions:

- If the APPEND option was specified and the copying process began before the error was discovered, records have been appended to the output file.
- If the NEWFILE (the default), REPLACE, or OVLY option was specified and the copying process began before the error was discovered, then COPYFILE CMSUT1, on the output disk, contains the records copied so far.

User Response: Reissue the command, specifying a valid label.

157S

MACLIB LIMIT EXCEEDED {, LAST MEMBER ADDED WAS membername}

Explanation: While files were being added to a MACLIB, either the maximum CMS file size (65533 items) was exceeded or the MACLIB disk space was filled. If the error was detected while writing the first member to a MACLIB, the last part of the message is omitted and message DMSLBM213W is also issued. Otherwise, the member name of the last successful addition is displayed.

System Action: RC = 88

Execution of the command is terminated. All successful additions made before the limit was exceeded are contained in the MACLIB.

User Response: Issue the LISTFILE command to determine if the number of MACLIB items is approaching 65533. If so, no more macros may be added to the MACLIB: it is at the CMS file size limit. Generate another MACLIB.

Issue the QUERY command to see if the MACLIB disk is approximately 97 percent full. If so, more disk space must be found. Issue the MACLIB MAP command to determine the contents of MACLIB.

158E

NO CMS/DOS PROCEDURE LIBRARY SUPPORT

Explanation: CMS/DOS does not support the reading or writing of the DOS/VS procedure library from the user program.

System Action: RC = 100

Execution of the command is terminated.

User Response: Correct the ten-byte field passed to DMSOPL (\$BOPNLB) to indicate source library processing. Then reissue the command.

159T

**INSUFFICIENT STORAGE AVAILABLE TO SATISFY DMSFREE
REQUEST FROM addr**

Explanation: A DMSFREE request from the specified location could not be satisfied. If the request was variable, then even the minimum request could not be satisfied.

System Action: The system makes no further attempt to allocate storage, and takes further action depending on the type of DMSFREE call that was made:

- If the call was conditional (the ERR = option was specified), a return is made to the caller with a return code of 1.
- If the call was unconditional and was made via SVC 203, a system abend 0F7 occurs.
- If the call was unconditional and was made by specifying TYPICAL=BALR in the DMSFREE macro, a system abend 0F8 occurs.

User Response: In the case of conditional requests, the programmer has presumably anticipated an error situation, and no further action is required. In the case of a system abend, issue the DEBUG command to attempt recovery from the situation.

160S

JOB CANCELED DUE TO PROGRAM REQUEST

Explanation: The job has been canceled either by a CANCEL macro issued from the user's program, or from the CMS/DOS routine when an error was encountered during execution.

System Action: RC = 100 is given if CMS initiated the cancel. Otherwise the appropriate return code (from 0 - 255) will be passed back to the user (this is the return code passed from the user to DMSDOS). If the return code passed to DMSDOS is greater than 255, then DMSDOS passes a special RC = 101.

User Response: If the cancel was initiated by the user's request, no action is needed. If an error message precedes this message, follow the user action of the preceding message.

160T

INVALID DMSFREE CALL FROM addr

Explanation: An invalid DMSFREE request was made. One of the following has occurred:

- The number of doublewords requested was zero or negative.
- For variable requests, the minimum request was greater than the maximum. (Note that this error is never detected if the maximum request can be satisfied. This point can be important where a program that has run successfully suddenly fails when less storage is available.)

System Action: The system makes no further attempt to allocate storage, and takes further action depending on the type of DMSFREE call that was made:

- If the call was conditional (the ERR = option was specified), a return is made to the caller with a return code of 4.

- If the call was unconditional and made via SVC 203, a system abend 0F7 occurs.
- If the call was unconditional and was made by specifying TYPICAL=BALR in the DMSFREE macro, a system abend 0F8 occurs.

User Response: In the case of conditional requests, the programmer has presumably anticipated an error situation, and no further action is required. In the case of a system abend, use the DEBUG command to attempt a recovery from the situation.

161S

UNEXPECTED ERROR CODE nn ON SYSxxx

Explanation: An error occurred during an EXCP (SVC 0) request or during OVTOC, PVTOC, or CVTOC macro processing. Error codes 1-9 are for EXCP error codes; 10-20 are for OVTOC, PVTOC, and CVTOC. The error code indicates the type of error that occurred:

Code Meaning

1	No channel program(s) (CCW) address was specified in the CCB.
2	The logical unit specified in the CCB is unassigned.
3	The device specified for the logical unit in the CCB is unsupported.
4	An invalid CCW command code was found.
5	The logical unit specified in the CCB is assigned to an unknown disk.
6	An attempt has been made to write to a DOS-formatted disk.
7	A specified CCW command is unsupported in CMS/DOS.
8	An attempt has been made to read from a disk not in CMS, DOS, or OS format.
9	End-of-extent encountered before end-of-file on a DOS formatted disk.
10	No DOSCB was found for the file associated with this request.
11	The disk associated with this logical unit is not accessed.
12	The disk associated with this request is not in a recognizable format (for example, OS, DOS, CMS).
13	In attempting to find the real Common VTOC Handler for a DOS formatted disk, the CMSBAM segment was not found.
14	The real Common VTOC Handler was not found in the CMSBAM DCSS.
15	The attempted PVTOC request is not supported.
16	No free storage available to process this request.
17	The specified logical unit is not assigned.
18	Incorrect F1 label address specified on a PVTOC READ by address or PVTOC WRITE by address request.
19	The CMS file specified for this request was not found.
20	The physical device assigned to this logical unit is not the same as the device specified for this logical unit in the DOSCB.

System Action: RC = 100
Execution of the routine is terminated.

User Response: Use the error code to determine and correct the possible cause of error.

INVALID DMSFRET CALL FROM addr, ERROR NUMBER nn

Explanation: An invalid DMSFRET request was made from the specified address. The error number indicates the type of error that occurred:

Error No.	Meaning
5	The number of doublewords specified was zero or negative.
6	The block of storage being released was never allocated by DMSFREE. Such an error is detected if one of the following is found: <ul style="list-style-type: none"> ● The block does not lie entirely within those sections reserved for DMSFREE storage. ● The block crosses a page boundary that separates a page allocated for TYPE=USER storage from a page allocated for TYPE=NUCLEUS storage. ● The block overlaps another block already on the free storage chain.
7	The address given for the block being released is not doubleword aligned.

System Action: The system makes no further attempt to release the storage block, and takes further action depending on the type of DMSFRET call made:

- If the call was conditional (the ERR= option was specified), a return is made to the caller with a return code of 5, 6, or 7.
- If the call was unconditional and was made via SVC 203, a system abend 0F7 occurs.
- If the call was unconditional and was made by specifying TYPICAL=BALR in the DMSFREE macro, a system abend 0F8 occurs.

User Response: In the case of conditional requests, the programmer has presumably anticipated an error situation, and no further action is required.

In the case of a system abend, use DEBUG to attempt to recover from the situation.

162T

VITAL FREE STORAGE POINTERS DESTROYED (INTERNAL ERROR CODE nn), RE-IPL CMS

Explanation: A free storage management pointer in NUCON has been destroyed. The system cannot continue. The error code indicates the type of error that occurred:

Code	Meaning
84	The current low EXTEND value (FREELOWE) is greater than VMSIZE.
85	The current low EXTEND value is below the beginning user of the area.
86	Bytes in FREETAB are not within the valid range.

System Action: The system is terminated by loading a disabled wait state PSW.

User Response: IPL CMS again.

163T

{LOW|HIGH}-CORE USER CHAIN HAS BEEN DESTROYED (INTERNAL ERROR CODE nn)

Explanation: The chain of all storage elements, from which DMSFREE storage with TYPE = USER (the default) is allocated, has been destroyed.

Since these storage pointers are unprotected, a user program may inadvertently destroy them without getting a protection violation. The "internal error code" in the error message is for error analysis by system programmers.

System Action: The system first displays message DMSFRE165T.

Next, the system attempts to recover sufficiently so that processing can continue at least to the point where abend recovery can be performed. It does this by zeroing out the chain header pointers for the destroyed chain. This effectively "loses" any storage that is on that particular chain, but it allows processing to continue. (Note that abend recovery will later recover all "lost" TYPE = USER storage.)

Further system action depends on the type of DMSFREE or DMSFRET call that was made:

- If the call was conditional (the ERR = option was specified), a return is made to the caller with a return code of 2.
- If the call was unconditional and was made via SVC 203, then a system abend OF7 occurs.
- If the call was unconditional and was made by specifying TYPICAL = BALR in the DMSFREE macro, a system abend OF8 occurs.

User Response: In the case of conditional requests, the programmer has presumably anticipated an error situation, and no further action is required.

In the case of a system abend, use the DEBUG command to attempt a recovery from the situation.

- 164T** **{LOW|HIGH}-CORE NUCLEUS STORAGE POINTERS DESTROYED (INTERNAL ERROR CODE nn). RE-IPL CMS**
- Explanation:** The chain of free-storage elements, from which DMSFREE storage with TYPE = NUCLEUS is allocated, has been destroyed.
- System Action:** The system is terminated by loading a disabled wait state PSW.
- User Response:** Issue the CP DUMP command to get a dump of virtual storage, and save the output for your system programmer. Then IPL CMS again.
- 165T** **CHAIN HEADER AT addr: xxxxxx xxxxxx xxxxxx xxxxxx**
- Explanation:** This message appears in conjunction with messages DMSFRE163T and DMSFRE164T. It indicates the contents of the DMSFRE chain header block for the destroyed chain.
- System Action:** See "System Action" for messages DMSFRE163T and DMSFRE164T.
- User Response:** See "User Action" for messages DMSFRE163T and DMSFRE164T.
- 166T** **UNEXPECTED ERROR IN FREE STORAGE MANAGEMENT ROUTINE (INTERNAL ERROR CODE nn). RE-IPL CMS.**
- Explanation:** The DMSFRE routine had an unexpected internal error. Furthermore, a check showed that all internal free storage pointers were valid.
- System Action:** The system is terminated by loading a disabled wait state PSW.
- User Response:** Issue the CP DUMP command to get a dump of virtual storage, and save the output for your system programmer. Then IPL CMS again.
- 167S** **PREVIOUS MACLIB FUNCTION NOT FINISHED**
- Explanation:** A MACLIB GEN, ADD, REP, or DELETE function issued for this MACLIB was ended (for example via a HX command) prior to normal completion.
- System Action:** RC = 88
The current command is not executed. The system status remains the same.
- User Response:** The MACLIB status is unpredictable. Use the MACLIB GEN command to reconstruct the MACLIB.

167T

FREE STORAGE MANAGEMENT ERROR, INTERNAL ERROR CODE nn

Explanation: An error occurred in the free storage management routine that handles DMSFRES, DMSFREE, and DMSFRET requests.

Code Error

- | | |
|---|---|
| 1 | (DMSFREE) Insufficient storage space is available to satisfy a free storage request or the minimum request could not be satisfied on a variable request. |
| 2 | (DMSFREE or DMSFRET) User storage pointers destroyed. |
| 3 | (DMSFREE, DMSFRET, or DMSFRES) Nucleus storage pointers destroyed. |
| 4 | (DMSFREE) An invalid size was requested. This error exit is taken if the requested size does not exceed zero. For variable requests, the minimum request exceeds the maximum request. (However, the latter error is not detected if DMSFRE is able to satisfy the maximum request.) |
| 5 | (DMSFRET) An invalid size was passed to the DMSFRET macro. The specified length is not positive. |
| 6 | (DMSFRET) The block of storage that is being released was never allocated by DMSFREE. One of the following errors occurred: <ul style="list-style-type: none">● The block was not within either the low storage free storage area or the user program area (between FREELOWE and FEEUPPR).● The block crosses a page boundary that separates a page allocated for user storage from a page allocated for nucleus type storage.● The block overlaps another block already on the free storage chain. |
| 7 | (DMSFRET) The address given for the block being released is not doubleword aligned. |
| 8 | (DMSFRES) An invalid request code was passed to the DMSFRES routine. Since all request codes are generated by the DMSFRES macro, this error code should never appear. |
| 9 | (DMSFREE, DMSFRET, or DMFRES) Unexpected and unexplained error in the free storage management routine. |

System Action: The system begins to check all free storage pointers for consistency to see if any have been destroyed. The system displays further diagnostic messages when inconsistencies are discovered.

User Response: Check the "User Action" for the further diagnostic messages that are produced.

168S

PSEUDO REGISTER TABLE OVERFLOW

Explanation: (START or LOAD/INCLUDE START). The pseudo register index table is full. There are too many pseudo registers (external dummy sections) in the loaded files. This is a system restriction.

System Action: RC = 104

Execution of the command is terminated. The system status remains the same.

User Response: Correct the Assembler program and try again.

169S

ESDID TABLE OVERFLOW

Explanation: An external symbol dictionary identification table overflow has occurred. The maximum number of external names per text deck (START or first CSECT to end card) is 255. This is a system restriction.

System Action: RC = 104
Loading stops. The system status remains the same.

User Response: Divide your program into smaller units and try again.

170S

DISK mode (vaddr) HAS MAXIMUM NUMBER OF FILES

Explanation: 3400 files have been written. If any additional files were written, the disk area that contains the file status table blocks would overflow.

System Action: RC = 10
The file is not written. The system status remains the same.

User Response: Erase some files from the disk.

171T

PERMANENT CONSOLE ERROR. RE-IPL CMS

Explanation: Either the terminal is not operational (for example, Start I/O trouble has occurred) or the status of the terminal is unexpected (for example, channel errors, or bad interrupt sequence).

System Action: The system is terminated by loading a disabled wait state PSW. The wait state PSW contains the CMS nucleus address where the error occurred.

User Response: IPL CMS again.

172E

**TO LABEL label {EQUALS|IS AN INITIAL SUBSTRING OF}
FRLABEL label**

Explanation: The TOLABEL and FRLABEL options were specified. Either both labels were equal, or the TOLABEL was an initial substring of the FRLABEL label (as "ABC" is an initial substring of "ABCD"). This is an error condition because it implies that no records whatsoever are to be copied to the output file.

System Action: RC = 24
Execution of the command is terminated. The system status remains the same.

User Response: Correct and reissue the command.

173E

NO RECORDS WERE COPIED TO OUTPUT FILE fn ft fm

Explanation: The options specified for the input files caused no records to be copied. This will happen, for example, if the FRLABEL label appears in the first record of each (or the only) input file being copied to the output file.

System Action: RC = 40

Execution of the command is terminated. The system status remains the same, with the following exceptions:

- If the APPEND option was specified and the copying process began before the error was discovered, records have been appended to the output file.
- If the NEWFILE (the default), REPLACE, or OVLY option was specified and the copying process began before the error was discovered, then COPYFILE CMSUT1, on the output disk, contains the records copied so far.
- If in multiple output file mode, several output files may have been created before the error was discovered.

User Response: Correct and reissue the command.

174W

SEQUENCE ERROR INTRODUCED IN OUTPUT FILE: TO

Explanation: The updating procedure caused a sequence error to be introduced into the output file. That is, in the output file there were two records (with the sequence numbers shown in the warning message) such that the sequence number in the first record was equal to or exceeded the sequence number in the second.

System Action: RC = 8

The invalid sequence numbers are left in the records, which are written to the output file. Update processing continues, and, if the CTL option was specified, additional update passes are made.

If several warning messages are generated during the updating process, the final return code passed by the UPDATE command will be the highest return code (4, 8, or 12) associated with the warning messages. The REP option, if it was specified, will be ignored, and the final update deck will have the fileid "\$fname ftype".

See the explanation of message DMSUPD177I for further information on the meanings of the UPDATE warning return codes.

User Response: Probably, the resequencing field following the "\$" in the last update control card contained invalid data. Correct the invalid control card in the update file, and reissue the UPDATE command.

175E

INVALID EXEC COMMAND

Explanation: An error has been detected in the parameter list to DMSEX.

System Action: RC = 10000

Execution is terminated at the point of the error.

User Response: Correct the parameter list and reexecute the EXEC.

SEQUENCING OVERFLOW FOLLOWING SEQ NUMBER

Explanation: When the resequencing increment was added to the sequence number shown, the result overflowed the maximum sequence number. If the SEQ8 option is in effect, the maximum sequence number is 99999999. If the NOSEQ8 option is in effect, however, the maximum sequence number is 99999.

System Action: RC = 8

The new sequence number is truncated on the left to 8 or 5 digits (depending on the status of the SEQ8 option). A sequencing error is introduced into the output file.

Update processing continues, and, if the CTL option was specified, additional update passes are made. If several warning messages are generated during the updating process, the final return code passed by the UPDATE command is the highest of the return codes (4 or 8 or 12) associated with the warning messages.

The REP option, if it was specified, is ignored, and the final update deck has the fileid "\$fname ftype".

See the explanation of message DMSUPD177I for further information on the meanings of the UPDATE warning return codes.

User Response: Probably, the resequencing field following "\$" in the last update control card contained invalid data. Correct the invalid control card in the update file, and reissue the UPDATE command.

WARNING MESSAGES ISSUED (SEVERITY = nn). {REP OPTION IGNORED.}

Explanation: Warning messages were issued during the updating process. The severity shown in the error message in the "nn" field is the highest of the return codes associated with the warning messages that were generated during the updating process. The warning return codes have the following meanings:

Code	Meaning
4	Sequence errors were detected in the original source file being updated.
8	Sequence errors that did not formerly exist in the original source file being updated were introduced in the output file during the updating process.
12	Any other nonfatal error detected during the updating process has a return code of 12. Such errors include invalid update file control cards and missing PTF files.

System Action: The severity value is passed back as the return code from the UPDATE command. In addition, if the REP option was specified in the command line, it is ignored, and the updated source file has the fileid "\$fname ftype", as if the REP option had not been specified.

User Response: Refer to the warning messages that were issued and correct the errors.

178I

UPDATING 'fn ft fm' APPLYING 'fn ft fm' {[APPLYING 'fn ft fm']}

Explanation: The specified update file is being applied to the source file. This message appears only if the CTL option has been specified in the command line.

System Action: The updating process continues.

User Response: None.

179E

MISSING OR DUPLICATE 'MACS' CARD IN CONTROL FILE 'fn ft fm'

Explanation: The CTL option was specified, but the control file did not contain exactly one 'MACS' control card.

System Action: RC = 32

Execution of the command is terminated. The system status remains the same, with the following possible exceptions:

- If a file with the fileid "\$fname ftype" existed on the output disk before the command was entered, this file may have been erased.
- If the DISK option was in effect, and if a file with the fileid "fname UPDLOG" existed on the output disk before the command was entered, this file may have been erased.
- If the CTL option was in effect, and if a file with the fileid "fname UPDATES" existed on the output disk before the command was entered, this file may have been erased.
- If update processing had begun before the error was detected, any or all of the following files may have been created on the output disk by the UPDATE command:

UPDATE CMSUT1

\$fname ftype

fname UPDLOG - if the DISK option was in effect

fname UPDATES - if the CTL option was in effect

For the XEDIT command, the updating process continues.

User Response: Correct the invalid control file and reissue the UPDATE command.

179I

COMPARING 'fn ft fm' WITH 'fn ft fm'

Explanation: The specified files are being compared.

System Action: Processing continues.

User Response: None.

180W

MISSING PTF FILE 'fn ft fm'

Explanation: An AUX file indicated that the specified PTF file was to be applied as an update file, but the file could not be found. Either the AUX file contains invalid data, or a PTF file is missing.

System Action: RC = 12

Application of the PTF file is skipped. Update processing continues, and, if the CTL option was specified, additional update passes are made.

If several warning messages are generated during the updating process, the final return code passed by the UPDATE command is the highest of all return codes (4 or 8 or 12) associated with the warning messages.

The REP option, if it was specified, is ignored, and the final update deck has the fileid "\$fname ftype".

See the explanation of message-DMSUPD177I for further information on the meanings of the UPDATE warning return codes.

User Response: Correct the invalid data in the AUX file, or use the ACCESS command to access the disk containing the missing PTF file.

181E

NO UPDATE FILES WERE FOUND

Explanation: The CTL option was specified, but none of the update and PTF files specified by the control file and the AUX file(s) were found. As a result, no updates at all were applied to the original source file.

System Action: RC = 40

Execution of the command is terminated, since no updating can be performed. If the STK option was specified, the two lines of stacked data were placed on the stack before this error, so that they will still be available to an EXEC that invoked the UPDATE command.

This situation may or may not be an error situation. The return code, 40, is unique in that no other UPDATE error message has that value as a return code. Thus, the same EXEC can be used to assemble source files that have updates against them, and those that have no updates against them. The latter situation can be detected by testing for a return code of 40, and by assembling the "fname" file rather than the "\$fname" file.

User Response: If this is not an error condition, no action need be taken. If this is an error condition, it is the result of either missing update or PTF files, or invalid data in the control file. Either correct the invalid data or recover the missing files, and reissue the command.

182W

SEQUENCE INCREMENT IS ZERO

Explanation: A sequence increment of zero was specified either in a "./ S" control card, or in the "\$" field of a "./ I" or "./ R" control card.

System Action: RC = 8

Although the warning message is issued, the sequence increment of zero is actually used, in case that was what the user wanted. Update processing continues, and, if the CTL option was specified, additional update passes are made.

If several warning messages are generated during the updating process, the final return code issued by the UPDATE command is the maximum of all return codes (4 or 8 or 12) associated with the generated warning messages.

The REP option, if it was specified, is ignored, and the final update deck has the fileid "\$fname ftype".

See the explanation of message DMSUPD177I for further information on the meanings of the UPDATE warning return codes.

User Response: Unless you intentionally specified a sequence increment of zero, correct the invalid update control card and reissue the UPDATE command.

183E

INVALID {CONTROL|AUX} FILE CONTROL CARD

Explanation: An invalid control card was found in an AUX file or a control file.

System Action: RC = 32

Execution of the command is terminated. The system status remains the same, with the following possible exceptions:

- If a file with the fileid "\$fname ftype" existed on the output disk before the command was entered, this file may have been erased.
- If the DISK option was in effect, and if a file with the fileid "fname UPDLOG" existed on the output disk before the command was entered, this file may have been erased.
- If the CTL option was in effect, and if a file with the fileid "fname UPDATES" existed on the output disk before the command was entered, this file may have been erased.
- If update processing had begun before the error was detected, then any or all of the following files may have been created on the output disk:

UPDATE CMSUT1

\$fname ftype

fname UPDLOG - if the DISK option was in effect.

fname UPDATES - if the CTL option was in effect.

For the XEDIT command, the execution of the command or subcommand is terminated. However, if multiple files were being edited, the editing session continues. In addition, the following information is displayed for both AUX and CONTROL files:

'fn ft': 'invalid card' RECORD 'nn' ----> > *

where the asterisk (*) is positioned under the invalid character in the 'invalid card' displayed in the preceding line

User Response: Correct the invalid control card and reissue the UPDATE command.

For DMSPRE, correct the invalid control card and reissue the PRELOAD command.

184W

‘./ S’ NOT FIRST CARD IN UPDATE FILE -- IGNORED

Explanation: A “./ S” control card was encountered in the update file, but it was not the first noncomment card in the update control file.

System Action: RC = 12

The invalid card is ignored. Update processing continues, and, if the CTL option was specified, additional update passes are made. If several warning messages are generated during the updating process, the final return code issued by the UPDATE command is the maximum of all return codes (4 or 8 or 12) associated with the generated warning messages. The REP option, if it was specified, is ignored, and the final update deck has the fileid “\$fname ftype”. See the explanation of message DMSUPD177I for further information on the meanings of the UPDATE warning return codes.

User Response: Correct the update file by moving the “./ S” control card to the beginning of the update file. Then reissue the UPDATE command.

185W

{INVALID|NON NUMERIC} CHARACTER IN SEQUENCE FIELD

‘.....’

Explanation: An update file control card specified a sequence number that contained an invalid character. Only the digits 0 through 9 may be used to specify a sequence number.

System Action: RC = 12

The invalid update control card is ignored. Furthermore, any cards following it, up to the next “./” card in the update file, will be ignored. Update processing continues, and, if the CTL option was specified, additional update passes are made.

If several warning messages are generated during the updating process, the final return code issued by the UPDATE command is the maximum of all return codes (4 or 8 or 12) associated with the generated warning messages.

The REP option, if it was specified, is ignored, and the final update deck has the fileid “\$fname ftype”.

See the explanation of message DMSUPD177I for further information on the meanings of the UPDATE warning return codes.

User Response: Correct the invalid control card in the update file, and reenter the UPDATE command.

186W

SEQUENCE NUMBER [‘.....’] NOT FOUND

Explanation: A sequence number specified by an update file control card could not be found in the input file. An input sequence number higher than the one specified was found.

System Action: RC = 12

The input file is positioned at the record whose sequence number exceeds the sequence number being searched for.

- If the invalid sequence field was the first argument of a “./ R”, “./ I”, or “./ D” operation, all records encountered up to that point were copied to the output file.

- If the invalid sequence field was the second argument of a “./ R” or “./ D” operation, records encountered up to that point were not copied, and so were, in effect, deleted.

In any event, no further deleting or inserting takes place for that control card, and any cards following this card, up to the next “./” card in the update control file, are ignored. Update processing continues, and, if the CTL option was specified, additional update passes are made.

- If several warning messages are generated during the updating process, the final return code issued by the UPDATE command is the maximum of all return codes (4 or 8 or 12) associated with the generated warning messages.

The REP option, if it was specified, is ignored, and the final update deck has the fileid “\$fname ftype”.

For the XEDIT command, the execution of the command or subcommand is terminated. However, if multiple files were being edited, the editing session continues. In addition, the following information is displayed for both AUX and CONTROL files:

'fn ft': 'invalid card' RECORD 'nn' ----> > *

where the asterisk (*) is positioned under the invalid character in the 'invalid card' displayed in the preceding line

See the “Explanation” of message DMSUPD177I for further information on the meanings of the UPDATE warning return codes.

User Response: Correct the invalid control card in the update file, and reenter the UPDATE command.

187E

OPTION 'STK' INVALID WITHOUT 'CTL'

Explanation: The STK option was specified with the UPDATE command. This option requires the CTL option, but CTL was not specified in the command line.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Reissue the command, specifying the CTL option.

190W

INVALID CONTROL RECORD OR NO GO SWITCH SET

Explanation: Either the input control record was invalid or the NO GO switch was previously set. If the NO GO switch was not previously set, the input control record is invalid, and this causes the NO GO switch to be set at this time.

System Action: RC = 4

Execution of the command continues. All REP control records are ignored until the next NAME or END control record is encountered.

User Response: Determine the cause of the error and correct it; then reissue the command.

191W

PATCH OVERLAPS - SET NO GO SWITCH

Explanation: The VER or REP displacement, or the DUMP start or end address, did not fit completely within the CSECT or MODULE.

System Action: RC = 4

Execution of the command continues. All REP control records are ignored until the next NAME or END control record is encountered.

User Response: Correct the displacement field or the start or end address of the control record and reissue the command.

192W

ERROR - ODD NUMBER OF DIGITS - SET NO GO SWITCH.

Explanation: Either an address or a data field of a control record had an odd number of digits.

System Action: RC = 4

Execution of the command continues. All REP control records are ignored until the next NAME or END control record is encountered.

User Response: Enter an even number of digits and reissue the command.

193W

PRECEDING CONTROL RECORD FLUSHED

Explanation: The NO GO switch was set by a previous control record and has not been reset.

System Action: RC = 4

Execution of the command continues.

User Response: A previous error message was issued. Check the "User Action" for that message.

194S

BOOK 'subl.book' CONTAINS BAD RECORDS

Explanation: The book being copied contains invalid source statement library records.

System Action: RC = 100

Execution of the command is terminated. The system status remains the same.

User Response: Recatalog the book on the system or private source statement library and reissue the command.

194W

CSECT NOT FOUND IN {MEMBER 'membername'|MODULE 'modulename'} - SET NO GO SWITCH

Explanation: The specified CSECT was not found in a library member or a module loader table.

System Action: RC = 4

Execution of the command continues. All control records are ignored until the next NAME or END control record is encountered.

User Response: The control record with the invalid CSECT name has been printed at the printer or displayed at your terminal. Check the member or module for the proper CSECT name and reissue the command.

195W

BASE VALUE INVALID - SET NO GO SWITCH

Explanation: The BASE address did not match the CSECT address.

System Action: RC = 4

Execution of the command continues. All REP control records are ignored until the next NAME or END control record is encountered.

User Response: Insert the proper address in the BASE control record and reissue the command.

196I

PRT vaddr SETUP COMPLETE

Explanation: The virtual 3800 printer setup has been completed.

System Action: All the LOAD commands specified in the SETPRT call have been issued and the current spool file remains open for printing of data in that spool file.

User Response: None.

197S

UNDIAGNOSED ERROR FROM PRINTER '00E'

Explanation: An undiagnosed error occurred while trying to perform I/O to the device.

System Action: Return Code = 100
None.

User Response: Use the CP DETACH command to detach the 3800 that has something wrong in its definition. Then redefine it via the CP DEFINE command and try to reissue the command.

198E

SETPRT CAUSED A LOAD CHECK - SNS = ssssssssss

Explanation: A load check was caused by the SETPRT command.

System Action: All output to the 3800 (up until the LOAD CHECK occurred) has been placed on the spool file.

User Response: Find out why the particular module caused a Load Check (possibly by interpreting the returned sense bytes 'sssssssss') and correct the problem or specify a different module. In any case, close the virtual 3800 with the PURGE option and reissue the SETPRT command with the correct parameters.

199E

PRT '00E' NOT A VIRTUAL 3800

Explanation: The '00E' printer was not defined as a virtual 3800 printer.

System Action: No output in the spool file.

User Response: Redefine the virtual printer as a virtual 3800. Then reissue the SETPRT command.

200W

VERIFY REJECT - SET NO GO SWITCH

Explanation: For DMSZAP, the data on the VER or VERIFY control record is not exactly the same as the data at the specified location in the specified file.

System Action: RC = 4

Execution of the command continues. All REP control records are ignored until the next NAME or END control record is encountered.

User Response: Determine the proper control information and correct the VER control record. Delete from the input stream any other VER-REP pairs that were processed successfully, and then reissue the command.

201W

THE FOLLOWING NAMES ARE UNDEFINED:

Explanation: A list of names of unresolved external references is displayed.

Note: A name entered with the command is considered an unresolved external reference if no text file with that name can be located.

System Action: RC = 4

Loading is completed.

User Response: None; or obtain access to the files containing the unresolved references and issue the INCLUDE command.

202W

DUPLICATE IDENTIFIER 'identifier'

Explanation: A CSECT or entry point name was encountered more than once in the input stream to the loader.

System Action: RC = 4

Only the first CSECT is loaded. Program execution may not proceed as expected. All references are resolved to the first name.

User Response: Reassemble the program with a different identifier substituted for the duplicate.

203W

"SET LOCATION COUNTER" NAME 'name' UNDEFINED

Explanation: A name was specified on an SLC card in the loader input stream and that name had not yet occurred as an external name in the loader text file.

System Action: RC = 4

The card is ignored.

User Response: None; or check the name on the SLC card.

204E

TOO MANY WCGM'S NEEDED FOR 'CHARS'

Explanation: The collection of Character Arrangement Tables specified in the command line denote more WCGMs to be loaded than are available for the virtual 3800. (4 if 4WCGM is in effect and 2 otherwise).

System Action: Nothing is transferred to the virtual 3800.

User Response: Reissue the command with a collection of CHARS values that will fit into the WCGM space for the virtual 3800.

205E

NO FILES IN YOUR READER

Explanation: There were no files in your virtual reader.

System Action: RC = 28
Processing is terminated.

User Response: None.

205W

READER EMPTY OR NOT READY

Explanation: This message is issued for one of the following reasons:

- The card reader contains no files.
- The card reader has not been readied.
- The card reader is spooled to a class different from the class of the files in the reader.

Note: The card reader may contain a file spooled from a virtual punch or printer that contains CCWs only, and no data. Thus, this message is issued even though the file contains no data.

System Action: RC = 8
Execution of the command is terminated. The system status remains the same.

User Response: Close the card reader and reissue the command, if the reader contains any files.

206W

PSEUDO REGISTER ALIGNMENT ERROR

Explanation: A pseudo register with the same name as a previous pseudo register but with more restrictive alignment was encountered.

System Action: RC = 4
Processing continues. All references to the particular pseudo register will have the less restrictive alignment.

User Response: None.

207W

INVALID UPDATE FILE CONTROL CARD

Explanation: An invalid control card was found in the update file. Some of the errors that cause this message to be issued are:

- The first card in the update file was not a control card.
- The first card following a “./S” or a “./D” or a “./*” was not a control card.
- The operation field was missing, invalid, or contained more than one character.
- The label field of a “./S” card contained more than three characters.
- An invalid sequence field was specified, or a required sequence field was missing.

- In a “./D” or “./R”, the delete or replace ending specification was smaller than the starting specification.

System Action: RC = 12

The invalid sequence fields are ignored, and processing continues. However, an incorrectly sequenced source file cannot always be properly updated.

Update processing continues, and, if the CTL option was specified, then additional update passes are made. If several warning messages are generated during the updating process, the final return code when the UPDATE command has completed all processing is the maximum of all return codes (4 or 8 or 12) associated with the generated warning messages. The REP option, if it was specified, is ignored, and the final update deck has the fileid “\$fname ftype”. See the “Explanation” of message DMSUPD177I for further information on the meanings of the UPDATE warning return codes.

For XEDIT, the execution of the command or subcommand is terminated. However, if multiple files were being edited, the editing session continues. In addition, the following information is displayed for both AUX and CONTROL files:

'fn ft': 'invalid card' RECORD 'nn' ----> > *

Where the asterisk (*) is positioned under the invalid character in the 'invalid card' displayed in the preceding line.

User Response: Correct the invalid control card in the update file, and reenter the UPDATE command.

208E

FILE 'fn ft' IS NOT VARIABLE RECORD FORMAT

Explanation: The specified file did not have a variable record format.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Verify that 'fn ft' is the desired file. If it is, use the COPYFILE command to change the record format of the file.

209W

FILES DO NOT COMPARE

Explanation: The two files the user requested compared on a line-for-line, column-for-column basis, do not match.

System Action: RC = 4

The comparison of the files is completed. The lines that do not match are displayed at the terminal.

User Response: You can correct the file containing the incorrect lines using the EDIT command.

210E

{LIBRARY|FILE} 'fn ft' IS ON A READ/ONLY DISK.

Explanation: The specified file or library is on a read-only disk and must be on a read/write disk.

System Action: RC = 36

Execution of the command is terminated. The system status remains the same.

User Response: Verify that the correct file or library was specified in the command. If it was, either access the disk in read/write mode, or erase the existing file or library with the same name. Reissue the command.

210W

INPUT FILE SEQUENCE ERROR: '.....' TO '.....'

Explanation: In reading the input source file, two records were found, with the displayed sequence fields, such that the sequence number in the first was equal to or greater than the sequence number in the second.

System Action: RC = 4

The invalid sequence fields are ignored, and update processing continues. However, an incorrectly sequenced source file cannot always be properly updated.

If the CTL option was specified, then additional update passes are made. If several warning messages are generated during the updating process, the final return code when the UPDATE command has completed all processing is the maximum of all return codes (4 or 8 or 12) associated with the generated warning messages.

The REP option, if it was specified, is ignored, and the final update deck has the fileid "\$fname ftype".

See the "Explanation" of message DMSUPD177I for further information on the meanings of the UPDATE warning return codes.

For XEDIT, the execution of the command or subcommand is terminated.

User Response: Correct the invalid source file and reissue the UPDATE command.

211E

COLUMN FIELDS OUT OF SEQUENCE

Explanation: One of the following conditions has occurred.

- Start column number exceeds end column number.
- Column number entry overflows the eight-position option field.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Correct and reissue the command.

212E

MAXIMUM NUMBER OF RECORDS EXCEEDED

Explanation: The storage size of the virtual machine is not large enough to contain the size and number of sort files specified.

System Action: RC = 40

Execution of the command is terminated. The system status remains the same.

User Response: Compute the storage size required for this sort using the format given in the description of the CMS SORT command in the *VM/SP CMS Command and Macro Reference*. Redefine storage as large as necessary using the CP DEFINE command, and issue the SORT command again.

213W

LIBRARY 'fn ft fm' NOT CREATED

Explanation: None of the files to be included in the library file could be found, or the last active member of a library was deleted.

System Action: RC = 4

Execution of the command is terminated. The system status remains the same. The new library is not created. Also, for DMSLBM and DMSLBT, the library is erased if the last active member has been deleted.

User Response: For DMSLBM and DMSLBT, obtain access to the desired file and/or correct the spelling of the names and reissue the command if you were doing a generation function. If delete was the last function, no action is necessary. For DMSDSL, no action is necessary.

214W

CANNOT RECOMPUTE WITHOUT LOSS OF DATA. NO CHANGE

Explanation: The number of cylinders specified in the FORMAT command cannot contain all the data on the disk.

System Action: RC = 8

Execution of the command is terminated. The system status remains the same.

User Response: Either erase some of the files on the disk or increase the number of cylinders to be formatted and reissue the command.

215T

NO VIRTUAL CONSOLE ATTACHED. RE-IPL CMS

Explanation: The user has disconnected his virtual console.

System Action: The CMS system uses a special interface with CP to display this message. It is then terminated by loading a disabled wait state PSW.

User Response: Redefine a virtual console with the CP DEFINE command, and IPL CMS again.

216E

INSUFFICIENT BLOCKS ON DISK TO SUPPORT CMS DISK STRUCTURE

Explanation: The user has requested the formatting of a minidisk area that is not large enough to contain the essential CMS disk structure.

System Action: RC = 100

Execution of the command is terminated. The disk is unchanged.

User Response: Acquire a larger minidisk and reissue the command; or if the disk is large enough, specify a larger number of blocks to be formatted in the FORMAT command.

220R

ENTER DATA SET NAME:

Explanation: A command was entered with the ? or DSN ? operand. The command expects an OS data set name or DOS fileid to be entered.

System Action: The system waits for a response.

User Response: Enter an OS data set name exactly as it appears in the data set (in the form q1 < .q2.qn > where q1, q2, and qn are the qualifiers of an OS data set name). Or enter a DOS fileid exactly as it appears in the file.

221E

INVALID DATA SET NAME

Explanation: An invalid OS data set name or DOS file-id was specified in the command line.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Reissue the command with a valid data set name.

222E

I/O ERROR READING 'datasetname' FROM {'fm'|OS|DOS} DISK

Explanation: An I/O error occurred while reading the specified OS data set or DOS file from an OS or DOS disk. For DMSLDS, an I/O error occurred while reading the member directory in DMSROS.

System Action: RC = 28

Execution of the command is terminated. The system status remains the same.

User Response: Correct the cause of the I/O error and reissue the command.

223E

NO FILEMODE SPECIFIED

Explanation: A filemode was not specified in the command line.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Reissue the command, specifying a filemode.

224E

fileid ALREADY IN USE

Explanation: A dataset name exists in an outstanding FILEDEF with a different ddname but with the same fileid, or a dataset name was specified for a fileid previously defined under a different ddname.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Clear the existing fileid before reissuing the command or specify a different fileid.

225I

PDS MEMBER 'membername' MOVED

Explanation: The specified member of an OS PDS (partitioned data set) has been moved successfully to a CMS file.

System Action: MOVEFILE continues moving PDS members to CMS files until the end of the file is reached.

User Response: None.

226E

NO DATA SET NAME ALLOWED WITH FREE OPTION

Explanation: A data set name must not be specified with the FREE option of the LISTDS command.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Correct the command line and retry.

226I

END OF PDS MOVE

Explanation: The last member of the PDS (partitioned data set) has been moved successfully to a CMS file.

System Action: Execution of the command is terminated. The system status remains the same.

User Response: None.

227I

PROCESSING VOLUME 'nn' IN DATA SET 'data set name'

Explanation: The specified OS data set or DOS file is multivolume. The number of the volume being processed is specified in the error message. End of volume is treated as end of file and there is no end-of-volume switching.

System Action: Execution continues.

User Response: None.

227W

INVALID EXTENT FOUND FOR 'datasetname' ON 'fm' DISK

Explanation: The high extent for the subject data set indicates a relative track number lower than that for the low extent of the data set.

System Action: RC = 4

Execution continues.

User Response: For further investigation, use the CMS command DDR to locate and dump the DSCB containing the invalid extent.

228E

NO DDNAME ENTERED

Explanation: When prompted for the ddname corresponding to the "dname" entry for the tape dataset in the Access Method Services control statement, the user entered a null line.

System Action: RC = 24

AMSERV does not execute the Access Method Services job. The system status remains the same.

User Response: Find the "dname" entries for the tape dataset(s) in the Access Method Services jobstream and reissue the AMSERV command.

228I

USER LABELS BYPASSED ON DATA SET 'data set name'

Explanation: The specified OS data set or DOS file has a disk user label. The user labels are automatically skipped and the DCBEXLST routine, if specified, is ignored. This message is issued when the OS File Status Table (FST) is created. This occurs during the execution of the first FILEDEF command defining the OS ddname. Reissuing the same FILEDEF command without reaccessing the disk does not create a new OS FST, and the message is therefore not issued again.

System Action: Execution continues.

229E

UNSUPPORTED OS DATA SET, [ERROR 'code']

Explanation: The specified OS data set or DOS file is not supported by CMS OS access routines. The error code meanings are:

Code	Meaning
80	An I/O error occurred while an OS data set or DOS file was being read or an OS or DOS disk was detached without being released.
81	The file is an OS read-password-protected data set or a DOS file with the input security indicator on.
82	The OS data set or DOS file is not BPAM, BSAM, or QSAM.
83	The OS data set or DOS file has more than 16 user labels or data extents.

System Action: RC = 80, 81, 82, or 83
Execution of the command is terminated. The system status remains the same.

User Response: If the error code is 81, 82, or 83, you cannot use CMS OS access to read the OS data set or DOS file. If the error code is 80, make sure the accessed OS or DOS disk is attached, or determine the cause of the error. If the OS data set or DOS file is valid, reissue the command.

229I

NO MEMBERS FOUND

Explanation: No members exist in a partitioned data set.

System Action: None.

User Response: Determine whether the data set you specified is the correct one and if so, why it contains no members. Correct the condition and reissue the command.

230E

**NO. OF VSAM EXIT ROUTINES HAS EXCEEDED MAX OF 128 -
UNABLE TO CONTINUE**

Explanation: The number of exit routines for VSAM data sets (both active and inactive) has exceeded the maximum of 128 for the run unit.

System Action: The system is terminated abnormally with abend code X'177'.

User Response: Reduce the number of exit routines for VSAM data sets and reexecute the program.

230W

OS DISK - FILEID AND/OR OPTIONS SPECIFIED ARE IGNORED

Explanation: The specified OS or DOS disk has been accessed, but the specified fileid and/or options are not valid and have been ignored.

System Action: RC = 4
Execution of the command continues.

User Response: None.

231E

I/O ERROR READING VTOC FROM {'fm'|OS|DOS} DISK

Explanation: An I/O error was encountered while reading the VTOC from the specified disk.

System Action: RC = 28
Execution of the command is terminated. The system status remains the same.

User Response: Correct the cause of the I/O error and reenter the command.

232E

INVALID RECFM -- SPANNED RECORDS NOT SUPPORTED

Explanation: The MOVEFILE command uses the GET and PUT macros in locate mode. The GET and PUT macros are not supported for use with spanned records.

System Action: RC = 088
Execution of the command is terminated.

User Response: The user will have to provide a utility/program to process the file. The READ and WRITE macros are supported for spanned records, provided the filemode number is 4 and the data set is physical sequential (BSAM) format.

233I

NO FREE SPACE AVAILABLE ON 'fm' DISK

Explanation: All tracks on the specified disk are allocated.

System Action: None.

User Response: If the disk is an OS or DOS disk, use one of the OS or DOS utilities to reformat the disk (if you no longer need any of the data on it) or delete some data sets. If it is a VSAM disk, use Access Method Services to delete some clusters and data spaces.

234E

ERROR IN LOAD LIST FILE 'fn ft fm' [NO INPUT]

Explanation: During processing of the load list EXEC file, an invalid statement was encountered. Input must consist of valid EXEC control words (that are ignored) and names of input text files in the form

&1 &2 filename [filetype]

Filename and filetype (if specified) must not be more than eight characters in length. A "NO INPUT" condition exists if after the scan of the load list, no filename filetype entries were found.

System Action: RC = 8

Execution of the command is terminated. The system status remains the same.

User Response: If you can determine the problem from the "Explanation" above and remedy the condition, reissue the command. If not, reissue the command and if the problem persists, call your system support personnel.

235E

ERROR 'n' IN INPUT TEXT FILE 'fn ft [fm]'

Explanation: An error was detected within the data contained in the input text file. 'n' indicates the nature of the error; it may be one of the following:

Code Meaning

1	No valid ESD.
2	Invalid ESD type code.
3	Invalid RLD record.
4	Invalid ESD LD ID.
5	ESD LD precedes the control section in which its entry symbol is positioned.
6	Invalid TXT record ESD ID.

System Action: RC = 12

Execution of the command is terminated. The system status remains the same.

User Response: If you can determine the problem from the "Explanation" above and remedy the condition, reissue the command. If not, reissue the command and if the problem persists, call your system support personnel.

The error may have been caused by invalid output from the Assembler. Reassemble the source for the text file in error and reissue the PRELOAD command. Errors also may result from the input text file having been incorrectly modified by the user through EDIT or other CMS commands.

236E

UNRESOLVED EXTERNAL REFERENCE(S) ENCOUNTERED

Explanation: Unresolved external references have been encountered. These are listed in the MAP file.

System Action: RC = 4

The PRELOAD command has completed processing. Program execution of the output text file may not proceed as expected.

User Response: Correct the input, if necessary.

237E

DUPLICATE EXTERNAL SYMBOL(S) ENCOUNTERED

Explanation: A CSECT or entry point name was encountered more than once in the input stream to the preloader. The duplicate symbols are listed in the MAP file.

System Action: RC = 8

The PRELOAD command has completed processing. Program execution of the output text file may not proceed as expected.

User Response: Reassemble the source for the text file in error with a different identifier substituted for the duplicate and reissue the PRELOAD command.

238E

PRELOADER PROCESSING ERROR

Explanation: An internal error was detected during preloader processing. This may have been caused by invalid input.

System Action: RC = 16

Execution of the command is terminated. The system status remains the same with the exception that partial output files may have been created.

User Response: Reissue the command, ensuring that a valid load list file (and optional CNTRL file) are specified. Ensure that the input files contain valid data. If the problem persists, call your system support personnel.

240S

ERROR LOADING READ OS ROUTINE 'DMSROS TEXT'

Explanation: Either the user did not provide a read/write A-disk for use by the CMS loader, or some other error was encountered while loading the READ OS routine DMSROS TEXT.

System Action: Execution of the command is terminated. The system status remains the same.

User Response: Access a read/write A-disk if one is not already accessed. If a read/write A-disk was provided, correct the cause of the I/O error on the system disk or A-disk. Then reissue the command.

245S

ERROR 'nnn' ON PRINTER

Explanation: An unrecoverable error occurred when writing a line to the printer, and an error code was passed to the calling module from DMSPIO. *nnn* indicates the nature of the error; it may be one of the following:

Code	Meaning
4	An intervention is required.
5	An unknown error occurred.
100	The printer is not attached.

System Action: RC = 100

Execution of the command is terminated. The output files contain all changes made up to the last control record operation.

User Response: If you can determine the problem from the above information and correct the condition, reissue the command; otherwise reissue the command and if the error persists, contact your system support personnel.

246W

NO LOADER TABLE PRESENT FOR MODULE 'fn' - SET NO GO SWITCH

Explanation: A CSECT name was specified for a module that was generated with the NOMAP option.

System Action: RC = 4

Execution of the command continues. All REP control records are ignored until the next NAME or END control record is encountered.

User Response: Either regenerate the module with the MAP option, or do not use a CSECT name; then reissue the command.

247W

MEMBER 'name' NOT FOUND - SET NO GO SWITCH

Explanation: The specified member was not found.

System Action: RC = 4

Execution of the command continues. All control records are ignored until the next NAME or END control record is encountered.

User Response: Reissue the command with a valid member name.

248W

INVALID VER/REP DISP - SET NO GO SWITCH

Explanation: The displacement specified in a VER or REP control record includes an area that is undefined, for example, a Define Storage (DS) area.

System Action: RC = 4

Execution of the command continues. All REP control records are ignored until the next NAME or END control record is encountered. If the operation is REP, the file being operated on may be modified.

User Response: Verify that instructions or data are at a specific displacement and reissue the command.

249I

DUMMY LOG ENTRY IN FILE 'fn ZAPLOG fm'

Explanation: Under the ZAP command, a successfully completed REP was not followed by a LOG control record. In lieu of a user-defined entry, a dummy log entry 'NONAME' was written.

System Action: Execution of the command continues.

User Response: None.

250S

I/O ERROR OR DEVICE ERROR

Explanation: An I/O error has occurred on the user terminal trying to display a HELP text file. An error message should have been issued by CMS or CP to describe the condition.

System Action: RC = 100

Execution of the command is terminated. The system remains in the same status as before the command was entered.

User Response: Take appropriate action as described by the CMS or CP error message.

251E

HELP PROCESSING ERROR, CODE nnn - 'description'

Explanation: An error occurred during the formatting of a HELP text file, indicating an error in the file text.

Code Meaning

801	An output line longer than 132 characters was formatted. Long output lines usually result when you neglect to set the format mode back on after it is set off.
802	An alphabetic parameter was found for a HELP format word that requires a numeric parameter.
803	A line was read that started with a period, but could not be recognized as a valid HELP format word.
804	You omitted a required parameter for this format word.

Code	Meaning
805	HELP does not recognize the parameter specified on the format word line displayed.
806	The execution of a .IN,.IL, or .OF HELP format word would cause the left margin to move to the left of character position one.
807	HELP has calculated a negative space count based on the format words contained in the test file.
808	A number outside the permissible limits for a HELP format word was found. The limits are based primarily on 80 characters-line in HELP.

System Action: RC = 12

Execution of the command continues and the line in question is ignored.

User Response: None at execution time, however you should correct the file in question to prevent future messages or errors.

252E

VALID OPTIONS ARE: DESC FORM PARM ALL

Explanation: This message informs the user of the proper options to use the HELP facility. The message is issued with message DMSHLP003E (INVALID OPTION 'option').

System Action: RC = 24

None.

User Response: Issue the command again with a proper option.

253E

FILE fn ft fm CANNOT BE HANDLED WITH SUPPLIED PARAMETER LIST

Explanation: The specified file contains more than 65,536 items, and thus cannot be handled with a normal STATE parameter list. This is because the normal parameter list uses halfwords to describe the characteristics of the file, and a file this large cannot be described with halfwords. The extended parameter list (which uses fullwords to describe the file) must be used to execute the STATE function in this case.

System Action: RC = 88

Execution of the user program is terminated.

User Response: Change the user program parameter list to the extended-parameter-list format. If the FSSTATE macro was used, change the FSCB to the extended form (if used) and add the FORM = E option to the FSSTATE macro instruction.

254E

HELP CANNOT FIND THE INFORMATION YOU REQUESTED. IF NOT MISPELLED, PLEASE ENTER 'HELP' FOR MENU SELECTION OR 'HELP HELP' FOR THE HELP COMMAND

Explanation: The file specified by your HELP request was not found on the accessed disk(s), or in the file directory of the 's' disk and 'y' disk (if accessed). The request may have been misspelled or incomplete.

System Action: RC = 28

Execution of the command is terminated and system status remains the same.

User Response: Correct the entry if in error or use the commands specified in the message for more information on the HELP command.

255T

INSUFFICIENT STORAGE FOR EXEC INTERPRETER

Explanation: There is insufficient storage for the EXEC 2 interpreter to initialize itself.

System Action: RC = 10096

Execution is terminated at the point of the error.

User Response: Redefine storage and reissue the command.

256S

ESERV EXECUTION ERROR, CODE 'nn'

Explanation: An error occurred during ESERV program execution. The error code indicates the kind of error that occurred.

Code	Meaning
------	---------

1	Not enough virtual storage available for ESERV processing.
2	Unsupported library macro issued by the ESERV program.
3	Invalid FIND request generated as a result of an LBRFIND request issued by ESERV.
4	Invalid GET request generated as a result of an LBRGET request issued by ESERV.
5	An error occurred in opening the source statement library.
6	An LBRGET request was issued by ESERV but the source statement library was not OPEN.
7	An I/O error occurred accessing the source statement library.
8	An LBRGET request was issued by ESERV without a previous LBRFIND.

System Action: RC = 41 (Code 1 only) RC = 256 (all others) ESERV program execution is terminated.

User Response: If error code 1 occurs, make sure a larger amount of virtual storage is available for ESERV program execution. For all other errors, contact your system support personnel.

260E

DISK NOT PROPERLY FORMATTED FOR RESERVE

Explanation: The disk being reserved has an 800-byte block size.

System Action: RC = 16

Execution of the RESERVE command is terminated.

User Response: Reformat the block size using 512K, 1K, 2K, or 4K.

260T

VIRTUAL MACHINE SIZE TOO SMALL TO IPL NON-SHARED COPY OF CMS

Explanation: The CMS nucleus is designed to be used as a saved, shared system. An attempt has been made to use the CMS system in non-shared mode by IPLing by device address. Insufficient virtual storage is available to do this.

System Action: The virtual machine enters CP by loading a wait PSW.

User Response: IPL the saved CMS system by its system name, or redefine your virtual storage to exceed the ending location of the CMS nucleus. IPL by device address again.

- 261E** **NO IMMEDIATE COMMAND NAME WAS SPECIFIED**
- Explanation:** The IMMCMD command was issued with SET, CLEAR, STATUS, or QUERY, but no immediate command name was specified.
- System Action:** RC = 24
None.
- User Response:** Respecify the macro with the correct name.
- 262E** **SPECIFIED IMMEDIATE COMMAND NOT FOUND**
- Explanation:** The immediate command name specified with CLEAR, STATUS, or QUERY is not in effect.
- System Action:** RC = 44
None.
- User Response:** None.
- 263E** **SPECIFIED IMMEDIATE COMMAND IS A NUCLEUS EXTENSION AND CANNOT BE CLEARED**
- Explanation:** The immediate command name specified on IMMCMD CLEAR is a nucleus extension and can only be cleared with the NUCXDROP command or NUCEXT CANCEL function.
- System Action:** RC = 48
The specified immediate command is not cleared.
- User Response:** Use the NUCXDROP command or the NUCEXT CANCEL function to clear the immediate command.
- 299E** **INSUFFICIENT STORAGE TO COMPLETE UPDATE**
- Explanation:** The update is being performed in storage but there is insufficient storage to insert the next update line.
- System Action:** RC = 41
Execution of the command is terminated. The system status remains the same.
- User Response:** Issue the command again, specifying NOSTOR on the command line. This causes updates to be performed on disk.
- 300E** **INSUFFICIENT STORAGE TO BEGIN UPDATE**
- Explanation:** An update is being performed in storage, but there is insufficient storage available to contain the entire input source file.
- System Action:** RC = 41
If the keyword STOR was specified on the command line, execution of the command terminates. The system status remains the same. If the keyword STOR was not specified, the update continues and is performed on disk. No RC = 41 is issued in this case.
- User Response:** If RC = 41, issue the command again, specifying NOSTOR in the command line. This causes updates to be performed on disk. Otherwise, no action is necessary.

301E

'SYSxxx' NOT ASSIGNED FOR DISK 'fm'

Explanation: No ASSGN command was issued prior to the DLBL command associating the named DOS logical unit with a CMS disk.

System Action: RC = 36

Execution of the command is terminated. The definition does not take effect.

User Response: Issue an ASSGN command for each of the DOS logical units specified in the DLBL, and then reissue the DLBL command.

302E

NO SYSxxx OPERAND {ENTERED|SPECIFIED}

Explanation: No SYSxxx operand was entered to associate the specified disk mode with a DOS logical unit, or in the case of DTFCP, the DEVADDR operand was missing from the DTFCP macro and no SYSxxx was specified with the DLBL command. This message appears only if the user is in the CMS/DOS environment.

System Action: RC = 24

Execution of the command is terminated. The definition does not take effect.

User Response: Reenter the DLBL command specifying a DOS logical unit for each disk specified. In the case of DTFCP, specify a DEVADDR operand with the DTFCP macro and with the associated DLBL command.

303E

NO SYSxxx SATISFIES REQUEST

Explanation: A request was made for LISTIO A or LISTIO UA, but no logical units satisfied the request.

System Action: RC = 28

Execution of the command is terminated. The system status remains the same, except when the EXEC option was specified and there was an existing \$LISTIO EXEC file. In this case, the \$LISTIO EXEC file is erased.

User Response: Ensure that the correct request has been made.

304E

INVALID OPERAND VALUE 'value'

Explanation: The value specified is not valid for one of the following reasons:

- It is larger than ten digits.
- It is a nonnumeric value.
- The number is greater than $2^{31}-1$ for track numbers.
- The number is greater than 999999 for BUFSP size.

This message is also displayed if a null line is entered as the first specification for the EXTENT option of the DLBL command.

System Action: RC = 24

Execution of the command is terminated. The definition does not take effect.

User Response: Reissue the command, specifying the appropriate values for all entries.

304I

UPDATE PROCESSING WILL BE DONE USING DISK

Explanation: An update is being performed in storage, and there is insufficient storage available to contain the entire input source file. The keyword STOR was not specified on the command line. The update processing continues with the update being performed on disk.

System Action: The updating process continues.

User Response: None.

305E

INCOMPLETE EXTENT RANGE

Explanation: Only the starting relative track number was specified for an extent range. The number of tracks must also be specified.

System Action: RC = 24
Execution of the command is terminated. The definition does not take effect.

User Response: Reissue the command with the proper extent specifications including the number of tracks.

306E

SYSxxx NOT ASSIGNED FOR 'IGNORE'

Explanation: When the DUMMY operand is used for a data set, the logical unit address must have been assigned with the IGN operand before the DLBL command was issued.

System Action: RC = 36
No new definition for the data set is created. If one already exists, it remains unchanged.

User Response: Either reissue the DLBL command using a valid disk mode, or issue "ASSGN SYSxxx IGN" followed by the original DLBL command using the DUMMY operand.

307E

CATALOG DDNAME 'ddname' NOT FOUND

Explanation: The user catalog 'ddname' referenced by the CAT option has not been defined by a previous DLBL command.

System Action: RC = 24
Execution of the command is terminated. The definition does not take effect.

User Response: Reissue the command, specifying the CAT option with a previously defined ddname, or issue a DLBL command for the user catalog ddname and then reissue the DLBL command for the subject data set.

308E

'mode' DISK IN [NON-]CMS FORMAT; INVALID FOR [NON-]CMS DATASET

Explanation: The user has specified a CMS fileid ("CMS fn ft") but references a disk that is in non-CMS (for example, OS or DOS) format. Or the user has specified a non-CMS fileid ("DSN datasetname") but references a CMS disk. The references to disk include not only the disk mode in the command line but also the mode in MULT and EXTENT specifications. This message is also issued if the user specifies CMS for file identification but uses one of the VSAM options (for example, CAT or BUFSP) with it.

System Action: RC = 24

The command is terminated with no change to the current definition of DLBL since the new definition does not take effect.

User Response: Reissue the command with a disk mode appropriate for the data set.

320I

MAXIMUM NUMBER OF DISK ENTRIES RECORDED

Explanation: The maximum number of disks have been specified for a multivolume VSAM data set. The system (S) disk cannot be a user disk.

System Action: Execution of the command is terminated and the data set definition is stored.

User Response: None.

321I

MAXIMUM NUMBER OF EXTENTS RECORDED

Explanation: Sixteen (16) extents have been specified for a VSAM data set. This is the maximum number of data set extents allowed.

System Action: Execution of the command is terminated successfully and the data set definition is stored, including the 16-extent specification.

User Response: None.

322I

DDNAME 'ddname' NOT FOUND; NO CLEAR EXECUTED

Explanation: No previous definition for 'ddname' had been specified. This includes the condition of a DLBL IJSYSUC CLEAR with no previous job catalog ddname (IJSYSUC) defined.

System Action: Execution of the command is terminated. All definitions remain unchanged.

User Response: If the ddname was entered incorrectly, reenter the command with the correct ddname.

323I

{JOB|MASTER} CATALOG DLBL CLEARED

Explanation: The DLBL for the catalog referred to has been cleared and is no longer active.

System Action: If the JOB catalog is cleared, all other definitions formerly flagged as using the JOB catalog are no longer flagged as such. The message can be the result of a DLBL * CLEAR rather than a DLBL IJSYSUC CLEAR or DLBL IJSYSCT CLEAR, when the PERM option is not used when defining the catalogs.

User Response: None.

324I

NO USER DEFINED {DLBL|FILEDEF|LABELDEF}'s IN EFFECT

Explanation: No definition is in effect for the requested DLBLs, FILEDEFs, or LABELDEFs.

System Action: No further action occurs. The system is terminated.

User Response: None.

325W

IDUMP FOR jobname TERMINATED DUE TO ERROR ON '00E'

Explanation: This message is issued as a result of a non-zero return code from the PRINTL macro. Preceding this message, a system message was issued describing the nature of the problem.

System Action: IDUMP is terminated at the time that the error is encountered on 00E. Control is returned to the caller's next sequential instruction with a return code of 4 in register 15.

User Response: Refer to the previous error message issued and take appropriate action.

326E

ILLEGAL SVC svc (HEX xx) CALLED FROM addr

Explanation: STIXIT AB macro was issued while you were in an abnormal task termination routine. It can only be issued from your main program.

System Action: Your program is terminated.

User Response: Remove the STIXIT AB macro from your termination routine and assemble your program again.

330R

ENTER VOLUME SPECIFICATIONS:

Explanation: The system expects you to enter the VSAM data set volume specifications because you specified the MULT option.

System Action: Execution of the command waits until you respond to the specification request. If a null line is the first response, an error message (DMSDLB048E) is displayed and the DLBL command has no effect. Otherwise, a null response after one or more lines of data signifies the end of the specifications.

User Response: Enter data set volume specifications either on one line separated by commas or on separate lines. The final comma at the end of the line is optional and may be omitted. You must enter the filemode and, in the DOS environment, the DOS logical unit associated with that disk. Do not repeat the filemode specified in the command line.

331R

ENTER EXTENT SPECIFICATIONS:

Explanation: The system expects you to enter the VSAM data set extents because you specified the EXTENT option with the DLBL command.

System Action: Execution of the command waits until you respond to the specification request. If a null line is the first response, an error message (DMSDLB304E) is displayed and the DLBL command has no effect. Otherwise, a null line means the end of the specifications.

User Response: Enter dataset extent specifications on the same line separated by commas or on separate lines with or without commas. You must enter the starting relative track number, number of tracks, filemode and, if in DOS environment, the DOS logical unit associated with that filemode. The extents must be in ascending order for each volume grouping in order for the command to execute properly.

333E

nnnnnK PARTITION TOO LARGE FOR THIS VIRTUAL MACHINE

Explanation: The specified number of bytes exceeds the size of the largest partition possible with this virtual machine.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same. The old DOS partition size remains unchanged.

User Response: Specify a smaller value. If the partition size is not an important factor in this particular session, issue SET DOSPART OFF and allow the system to compute its own partition size.

346E

ERROR 'nn' LOADING 'fn ft' FROM DISK

Explanation: The TEXT file specified in a *modname* caused an error while trying to LOAD it into user virtual storage.

System Action: RC = 6

None.

User Response: Fix the TEXT file so that it does not cause a loading error and reissue the command.

347E

ERROR 'nn' LOADING LIBRARY 'libname'

Explanation: A return code of 'nn' was received from diagnose code X'74' when trying to load the Named System into user virtual storage.

System Action: RC = 100 + 'nn'

None.

User Response: The action taken depends on 'nn' as follows:

Code Meaning

- | | |
|----|--|
| 04 | The 'libname' specified does not exist. Reissue the the command with a valid 'libname'. |
| 08 | The 'libname' is currently active on a real 3800. DRAIN the 3800 and reissue the command. |
| 12 | The library containing the volid is CP-owned. Consult your system programmer for an explanation. |
| 16 | The library containing the volid is not currently mounted. Have the operator mount the volume. Then reissue the command. |
| 24 | A paging error occurred. Consult your system programmer. |

348E

ERROR 'nn' SAVING LIBRARY 'libname'

Explanation: A return code of 'nn' was received from diagnose code X'74' when trying to save the new version of the named system from user virtual storage.

System Action: RC = 200 + 'nn'

None.

User Response: The action taken depends on 'nn' as follows:

Code	Meaning
04	The 'libname' specified does not exist. Reissue the command with a valid 'libname'.
08	The 'libname' is currently active on a real 3800. DRAIN the 3800 and then reissue the command.
12	The library containing the volid is CP-owned. Consult your system programmer for an explanation.
16	The library containing the volid is not currently mounted. Have the operator mount the volume. Then reissue the command.
20	The space allocated by the installation for 'libname' is not large enough to accommodate its new size after processing by this command. Either use the DEL function to delete some modnames or have the installation allocate a larger area for 'libname'. Then reissue the command.
24	A paging error occurred. Consult the system programmer.

349E

INVALID LIBRARY 'libname'

Explanation: The first directory entry in 'libname' was not the name of the library itself. The named system was improperly formatted on the DASD.

System Action: None.

User Response: The named system had either not been created before or was destroyed since it was last modified. Use the GEN function to create a new library called 'libname' and then build it using the ADD function.

350E

MODULE IS MARKED NOT EXECUTABLE

Explanation: The module was marked not executable by the linkage editor, but an attempt was made to execute the program.

System Action: Abend code = 15A or RC = 4
Execution of the program is terminated. (Abend code = 15A for LINK, ATTACH, or XCTL; RC = 4 for OSRUN.)

User Response: Link edit, an executable version of the program and reexecute the job stream or reissue the OSRUN command.

351E

MODULE IS MARKED ONLY LOADABLE

Explanation: The module was marked only loadable by the linkage editor, but an attempt was made to execute the program.

System Action: Abend code = 15A or RC = 4
Execution of the program terminates. (Abend code = 15A for LINK, ATTACH, or XCTL; RC = 12 for OSRUN.)

User Response: Make sure that the name is correct. If so, determine why the program was made only loadable by the linkage editor. Link edit, an executable version of the program and reexecute the job stream or reissue the OSRUN command.

352E

INVALID SETPRT DATA IN FILE 'fn ft'

Explanation: The SETPRT module represented by 'fn ft' does not contain valid SETPRT information.

System Action: All output to the virtual 3800 has been performed until invalid SETPRT module was encountered.

User Response: Find out why the particular module caused the above error. Most likely, the module in question was not created with the CMS GENIMAGE command. In any case, close the virtual 3800 with the PURGE option. Either use a different module or fix the module that caused the error and reissue the SETPRT command.

360E

INVALID RESPONSE 'response'

Explanation: After prompting you for information, VSAMGEN/SAMGEN determined that your reply was invalid, either because you did not enter one of the choices given you in the prompting message or because you entered a value not valid for the entry being processed (that is, the storage location of the named system).

If the message is issued after the storage location value is entered, the value violates one of the following rules:

- Must be a valid hexadecimal value.
- Must be less than 16 megabytes.
- Must be greater than X'20000'.

System Action: RC = 24

If this is the first time this message is issued for this prompt, VSAMGEN reads from the terminal after issuing the message, thereby giving you another chance to enter the correct information. If it is issued for the second time for the same prompt, VSAMGEN terminates, and the system returns to the CMS command environment.

User Response: If it is the first time the message is issued, reexamine the prompting message and enter the correct information. If it is the second time the message is issued for this prompt, VSAMGEN has terminated, so you must restart the VSAMGEN EXEC. If the message is from SAMGEN, the EXEC must be restarted.

361E

DISK 'mode' IS NOT A {CMS|DOS} DISK

Explanation: VSAMGEN or CMS/DOS simulation requires that the A-disk be a read/write CMS disk, and that the disk you specified as containing the DOS SRL be a DOS disk. For DMSUPD, the OUTMODE option on the UPDATE command specified a filemode that was not a read/write CMS disk.

System Action: For DMSUPD, the UPDATE command is terminated.

User Response: If the message concerns the CMS A-disk, access a CMS disk in read/write mode as the A-disk and reissue the command. (For example, if VSAMGEN was attempted previously and it failed, reissue VSAMGEN.) If the message concerns the DOS disk, either access the DOS disk and use that mode letter to answer the prompt during the next VSAMGEN attempt, or enter the correct mode of the DOS disk containing the DOS SRL during the next VSAMGEN attempt.

For DMSUPD, reinvoke the UPDATE command and specify a filemode of a CMS disk in read/write mode. You can eliminate the OUTMODE option by allowing UPDATE to choose the filemode of the output files. Reference the UPDATE command for more details.

362E **INVALID STORAGE PROTECT KEY 'key'**

Explanation: The storage protect key specified was not decimal, 0 to 15.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Reissue the command, specifying a valid storage protect key.

362I **LINK-EDITING sysname...**

Explanation: VSAMGEN is in the process of link-editing the modules that make up the named system in order to create a CMS DOSLIB file with the same name.

System Action: None.

User Response: None.

363E **INVALID STARTING ADDRESS 'startadr'**

Explanation: The start address specified in the command line is not a hexadecimal address within the load range of the specified system.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Reissue the command with a valid starting address.

363I **sysname DOSLIB CREATED ON DISK 'A'**

Explanation: VSAMGEN creates a CMS DOSLIB file from the object modules that make up the named system.

System Action: None.

User Response: None.

363R **ENTER LOCATION WHERE sysname WILL BE LOADED AND SAVED:**

Explanation: VSAMGEN/SAMGEN requires a hexadecimal address for fetching the VSAM and/or Access Method Services systems into storage so that the systems can be saved on a CP volume.

System Action: VSAMGEN/SAMGEN issues a read to the terminal and waits for your response.

User Response: Enter the hexadecimal address corresponding to the starting relative page number in the SYSPGNUM field of the NAMESYS macro entered in the DMKSNT module for the named system.

364E

**VM STORAGE NOT LARGE ENOUGH TO CONTAIN SYSTEM
LOADING AT startadr TO endadr**

Explanation: The virtual machine's storage must be large enough to allow SSK instructions to be issued for the complete load range of the saved system.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Use the CP command DEFINE to redefine the virtual machine's storage to a value large enough to contain the saved system, and IPL CMS again.

364I

FETCHING sysname...

Explanation: VSAMGEN is in the process of fetching the phases that make up the named system from the CMS DOSLIB file of the same name. The phases are fetched into storage in order to be saved (written) on a CP volume.

System Action: None.

User Response: None.

364R

**ENTER 'CMSVSAM' OR 'CMSAMS' OR 'BOTH' FOR GENERATION
OF NEW SYSTEM(S)**

Explanation: The message gives you the choice of regenerating either one or both of the named systems.

System Action: VSAMGEN issues a read to the terminal and waits for your response.

User Response: Enter a valid response.

365E

SYSTEM NAME NOT SPECIFIED

Explanation: The system name was not included in the command line.

System Action: RC = 24

Execution of the command is terminated. The system status remains the same.

User Response: Reissue the command with a valid system name.

365I

SYSTEM sysname SAVED

Explanation: VSAMGEN/SAMGEN saves the named system on a CP volume for subsequent use by user programs.

System Action: None.

User Response: None.

365R ONE OR MORE OF THE TEXT FILES LISTED IN THE `fn EXEC` ARE MISSING. THE VSAM PP PID TAPE SHOULD BE ON TAPE DRIVE 181, ENTER: 'GO' IF TAPE DRIVE IS READY TO LOADFILE OR 'QUIT' to STOP GENERATION PROCESS

Explanation: VSAMGEN has detected one or more of the VSAM files necessary to generate VSAM/AMS is missing. VSAMGEN expects the VSAM PP tape to be mounted on drive 181.

System Action: None.

User Response: Enter appropriate response.

366I STARTING TO READ PTF DECKS FROM READER...

Explanation: VSAMGEN is starting the 'UPDATE' procedure, during which the user is prompted for the names of the PTF decks to be applied to the new system.

System Action: None.

User Response: None.

366R ENTER NAME OF SYSTEM TO BE SAVED:

Explanation: VSAMGEN has link-edited the VSAM or Access Method Services system and fetched it into virtual storage and is about to issue the CP SAVESYS command for that system. For SAMGEN, the simulated VSE/AF SAM modules have been fetched into storage and SAMGEN is about to issue the CP SAVESYS command for the CMSBAM DCSS.

System Action: The system waits for a response.

User Response: Enter the name of the system to be saved.

367I 'modulename TEXT' WRITTEN ON DISK 'A'

Explanation: If the message was issued by DMSVGN, VSAMGEN has read a reader file and written it on the CMS disk with the given name. The file is used in creating a new named system.

If the message was issued by DMSVDP, DMSVDP (called from VSAMGEN EXEC) has read the named replacement module from the DOS/VS PTF tape and has written it on the user's A-disk for subsequent application in the new VSAM or Access Method Services system.

System Action: None.

User Response: None.

367R ENTER TAPE {INPUT|OUTPUT} DDNAMES:

Explanation: You must supply the ddname of the tape input or output data sets to be used in the Access Method Services jobstream. The ddname in each case must match the "ddname" operand in the Access Method Services control statement being executed (EXPORT, IMPORT, or REPRO).

System Action: The system waits for a response.

User Response: Enter the ddname of the tape input or output data sets to be used.

368I

count MODULES HAVE BEEN RESTORED

Explanation: VMFDOS issues this informational message to indicate to the user the number of modules created on disk from a VSE/AF distribution tape.

System Action: None.

User Response: None.

368R

ERASE sysname DOSLIB?...ENTER 'YES' OR 'NO':

Explanation: The CMS DOSLIB file created during execution of the VSAMGEN EXEC (see message DMSVGN363I) can be erased at this time. This message prompts you to indicate whether or not you want the file erased.

System Action: The system waits for a response.

User Response: Enter either "yes" or "no". Only the 'yes' response will erase the file.

369E

INVALID - RELEASE 31 OR LATER REQUIRED

Explanation: The release number entered in response to message DMSVGN369R is an earlier release than the one supported for VSAM and Access Method Services.

System Action: RC = 24
VSAMGEN is terminated and the system returns to the CMS command environment.

User Response: If the release number is incorrect, restart the VSAMGEN EXEC procedure and enter the correct number. Otherwise, see the description of CMS VSAM and Access Method Services in the *VM/SP HPO Planning Guide and Reference*.

370R

ENTER 'GO' IF SAVED SYSTEM IS TO BE CREATED, OTHERWISE 'QUIT'

Explanation: The VSAMGEN EXEC has created the specified DOSLIB as stated in message DMSVGN363I and now requires whether it is to continue processing the DOSLIB or is to be terminated.

System Action: The system waits for a response.

User Response: If you desire to temporarily halt the creation of the saved system, enter 'QUIT'; if 'GO' is entered, the saved system will be built.

371R

sysname IS LOADED. ENTER CP MODE TO APPLY ZAPS, ELSE 'NULL'

Explanation: It is possible at this point to apply ZAPs to the loaded system by entering CP mode. All text is now in storage and the DISPLAY and STORE commands may be used to make changes.

System Action: VSAMGEN issues a read to the terminal and waits for a response.

User Response: If ZAPs are desired, enter CP mode. Make the desired changes, return to CMS READ via BEGIN command. Enter null line to cause the VSAMGEN to continue.

382R

ENTER NUMBER OF TAPE FILES TO BE PROCESSED:

Explanation: VSAMGEN must know how many PTF tape files to scan for the VSAM and Access Method Services replacement modules.

System Action: The system waits for a response.

User Response: Enter a decimal number showing the number of tape files to be processed starting with current tape position.

383R

APPLY 'filename'? ...ENTER 'NO' OR EOB:

Explanation: The user has requested selection of PTF replacement modules during VMFDOS execution.

System Action: The system waits for a response.

User Response: If you do not want to apply the PTF contained in the named file, enter "no". If you do want the file, indicate an EOB by pressing ENTER on a 3277 display terminal or RETURN on a 2741 terminal.

400S

SYSTEM 'sysname' DOES NOT EXIST

Explanation: The subject system has not been defined in the Control Program module DMKSNT.

System Action: For DMSVIB, CMS abends with abend code X'044'. For all other modules, RC = 44. Execution of the user program is terminated. The system returns to the state it was in before the start of the user program.

User Response: Contact the system programmer, who will generate the saved system for the correct system name.

401S

VM SIZE (size) CANNOT EXCEED 'sysname' START ADDRESS (address)

Explanation: The user's virtual machine storage size as currently defined is of such a size that the named system (when loaded) would overlay part of the user's virtual storage. This could have occurred in either of the following ways:

1. The named system was saved below the user's current virtual machine size, or
2. The named system was saved at an appropriate address, but the user's current virtual machine storage size is so large that it would be partially overlaid by the named system.

System Action: For DMSVIB, CMS abends with an abend code of X'104'. For DMSSET, RC = 40. For all other modules, RC = 104. Execution of the command is terminated. The system status remains the same.

User Response:

1. Contact the system programmer, who must create a new copy of the named VSAM or Access Method Services system at an address that is

high enough not to conflict with any virtual machine size permitted for VSAM users, or

2. Enter CP mode and define a smaller virtual machine storage size for this VSAM user so his virtual storage is not overlaid by the named system, and then reload (via IPL) CMS/DOS.

402W

DMSLBR NOT IN CMSBAM SEGMENT. ESERV SUPPORT NOT AVAILABLE

Explanation: The DMSLBR module, that simulates the macros necessary to run the ESERV program, could not be found.

System Action: System operation continues but support for ESERV command execution is not available.

User Response: If you require the use of the ESERV command, contact your system support personnel.

403S

filename SHARED SEGMENT NOT AVAILABLE - RELOAD CMSDOS

Explanation: An OPEN has been issued for a file that resides on an FB-512 DASD, but the CMSBAM shared segment has not been generated.

System Action: The OPEN is canceled. System status remains the same.

User Response: The CMSBAM shared segment must be generated and saved with the VSAMPP EXEC and the SET DOS ON command reissued.

404S

filename LOGIC MODULE NOT FOUND IN 'segname' SHARED SEGMENT

Explanation: An OPEN has been issued for a file residing on an FB-512 DASD but the appropriate logic could not be located. This indicates that the CMSBAM shared segment has been generated incorrectly.

System Action: The OPEN is canceled. System status remains the same.

User Response: Have the system programmer examine the CMSBAM linkage editor map for unresolved external references. The modules that are unresolved must be obtained from the DOS/VS PID tape and VSAMPP EXEC must be rerun to generate the CMSBAM shared segment.

410S

CONTROL PROGRAM ERROR INDICATION 'retcode'

Explanation: An unexpected error occurred while the Control Program was processing a request from CMS to find or load the specified saved system.

System Action: For DMSVIB, CMS abends with abend code X'177'. For other modules, RC = 177. In both cases, 177 is the actual error code from the Control Program, indicating that paging I/O errors have occurred. The QUERY SYSNAMES command displays the names of the saved segments for the CMS virtual machine. Any requested segment must have been saved via procedures documented in the *VM/SP HPO Installation Guide*.

User Response: Contact the installation system programmer for assistance.

411S

{INPUT|OUTPUT} ERROR CODE 'nn' ON 'SYSxxx'

Explanation: An unrecoverable input or output error occurred while reading from or writing to SYSxxx. SYSxxx is the card reader, the printer, a tape drive, or the logical unit assigned to the specified OS- or DOS-formatted disk. The 'nn' code indicates the nature of the error; it may be one of the following:

CARD READER

Code	Meaning
3	An unknown error occurred.

PRINTER

Code	Meaning
1	A line was too long.
5	An unknown error occurred.

TAPE INPUT AND OUTPUT

Code	Meaning
3	A permanent I/O error occurred.

DISK INPUT AND OUTPUT

Code	Meaning
2	A unit exception occurred.
3	A wrong-length record was detected.
13	A permanent I/O error occurred.

System Action: RC = 100
Execution of the command is terminated.

User Response: Use the error code to determine and correct the possible cause of error.

412S

CMSXGEN FAILED DUE TO SETKEY ERROR

Explanation: Errors occurred while trying to issue the SETKEY command to set storage keys.

System Action: RC = 100
Execution of the command is terminated. The system status remains the same.

User Response: A message was issued by DMSSSK before this message was issued. Use the explanation and user action for the DMSSSK message to correct the error. If this is a directory build error, a message was issued by DMZSES before this message was issued. Use the explanation and user action of the DMZSES message to correct the error.

413S

STORAGE NOT INITIALIZED FOR VSAM PROCESSING

Explanation: The program has issued a CDLOAD (SVC 65), but the DOS VSAM environment under CMS is not active. A CDLOAD requires VSAM storage initialization to have taken place, but this has not been done.

System Action: RC = 104
The job is terminated. The system status remains the same.

User Response: Issue the CMS command SET DOS ON with the VSAM option in order to initialize storage properly, and then reexecute the program.

420E

NSL EXIT FILENAME MISSING OR INVALID

Explanation: The filename specified for user-written, nonstandard label processing routine must be the name of a TEXT or MODULE file. No file could be found that had a filetype of TEXT or MODULE with the specified name.

System Action: The command or program is not executed.

User Response: Specify the name of a valid NSL exit routine and reissue the command.

421E

'TAPn (raddr)' HDR1 LABEL MISSING FOR 'filename'

Explanation: A tape specified as standard label does not have a HDR1 label. Filename is dtfname for CMS/DOS or ddname for OS simulation. The message will also occur for a tape that has HDR1 labels but is not positioned correctly for input label processing.

System Action: The tape is positioned at the record that was read when the HDR1 was executed.

For CMS/DOS, message DMSTLB435R is issued.

For OS simulation, an OPEN error occurs.

The TAPEMAC and TAPPDS commands are terminated without reading any tape data.

The TAPESL macro returns an error code of 32.

User Response: Verify that the proper tape is mounted. Reply to message DMSTLB435R if issued. If the wrong tape is mounted, try again with the correct tape. If labels are not expected on the tape, respecify label type as BLP or LABOFF and try again.

422E

'TAPN (raddr)' POSITIONED WRONG FOR 'filename'

Explanation: A tape was not positioned correctly for label processing to occur. For output tapes, an attempt was made to write a new label when the tape was not positioned at an existing HDR1 label or tapemark.

For CMS/DOS input tape, the message is issued when the file sequence number on the tape label is larger than the one specified in the LABELDEF command. The filename is the symbolic name in the DTFMT for the file.

For CMS, the filename is LABDEFid.

For OS simulation, the filename is ddname.

System Action: An OS file is not opened. A CMS/DOS job is cancelled and the TAPESL macro gives an error return code of 32.

User Response: Be sure the tape is positioned properly and that the correct tape is mounted. If necessary, reposition the tape and then reissue the job or command.

423I 'TAPn (raddr)' POSITION PARAMETER IGNORED. OUTPUT FILE WILL BE WRITTEN IMMEDIATELY AFTER NEW VOL1 LABEL

Explanation: This message occurs when you respond to message DMSTLB433R by requesting that a new volume label be written on a tape. An OS simulation SL tape has been requested with a specified positional parameter indicating the file is not be the first on the tape.

System Action: The positional parameter is ignored and the new label file is written immediately after the new VOL1 label.

User Response: None.

424E 'TAPn (raddr)' NOT POSITIONED AT EOF1 LABEL

Explanation: The CMS TAPESL macro was issued with the function EIN but the tape was not positioned at an EOF1 or EOVI label.

System Action: No label is processed. The macro returns a code of 32 and the tape is left positioned to the same record it was positioned at when the macro was issued.

User Response: Space the tape so it is positioned at the EOF1 trailer label and reissue the macro or ignore the error if you do not want the tape trailer label processed.

425R 'TAPn (raddr)' BLOCK COUNT ERROR FOR 'filename' ENTER 'IGNORE' OR 'CANCEL'

Explanation: The block count in an EOF1 record does not match the number of blocks actually read. Filename is dtfname for CMS/DOS or ddname for OS simulation.

For OS simulation, the message is only issued when you do not have a block count exit routine specified in the DCB EXIT list.

For the TAPESL macro the message is issued only when you have not specified an error return (by the ERROR= parameter) that is different from the normal return.

System Action: The system waits for a reply.

User Response: Enter 'IGNORE' to continue processing normally or 'ERROR' to cancel the job in CMS/DOS, or to cause an abend with code 500 in either OS simulation or when processing the CMS TAPESL macro.

426R 'TAPn (raddr)' UNEXPIRED FILE ENTER 'IGNORE' OR 'ERROR'

Explanation: The system is trying to write over a HDR1 record on tape raddr that has an expiration date that has not yet expired.

System Action: The system waits for a response.

User Response: Enter 'ERROR' to cancel the job in CMS/DOS or to prevent the file from being opened in OS simulation. The reply 'IGNORE' causes CMS to disregard the expiration date to write over the existing record unless DISP MOD was specified for OS simulation. In this case, the tape is positioned at the end of the file is ready to add new records.

427R

'TAPn (raddr)' EOVI LABEL READ

Explanation: While processing trailer labels for an input tape file, an EOVI label was read instead of an EOF1 label.

System Action: None.

User Response: No response is necessary. However, if you want to mount a new tape and continue reading the file, you must send a message to the operator requesting that a new tape be mounted. The data on the new tape must be processed as a new file by CMS.

428I

'TAPn (raddr)' EOVI LABEL WRITTEN

Explanation: End-of-tape was encountered while writing an output file on a tape with IBM standard labels under CMS/DOS or OS simulation. This message is also issued when TAPESL is used to write an EOVI label.

System Action: A tape mark and EOVI label are written after detecting the end-of-tape.

For CMS/DOS, the job is then cancelled and the tape is rewound and unloaded.

For OS simulation, the program abnormally terminates with a code 001 if you are using QSAM or if you use a CHECK macro in BSAM. If you are using BSAM with no CHECK macro, your program continues to try to write on the tape.

The tape is always rewound and unloaded after this message is issued.

User Response: The operator must mount a new tape to continue the file. If possible, reorganize the output data to fit on a single tape reel.

429I

'TAPn (raddr)' EOT ON OUTPUT

Explanation: End-of-tape was encountered while the system was writing a tape file with CMS/DOS or OS simulation I/O macros. The tape file was not defined to have IBM standard labels.

If the type of label processing is BLP or NL, a tape mark is written after the last record. If the file has nonstandard labels and a user exit has been specified, control is transferred to this nonstandard label routine.

System Action: A tape mark is written after the last data record. If the file has nonstandard labels and a user exit has been specified, control is transferred to this nonstandard label routine. See message DMSTLB428I for a description of tape positioning and user program action when this message is issued.

User Response: The operator must mount a new tape to continue the file. If possible, the operator should reorganize the data so each file will fit on an individual tape.

In a user routine, the output file should be closed. This will cause a tape mark to be written whether the label processing is BLP, NL, or LABOFF. The tape mark after the last record will allow the file to be read without error.

430E

**'TAPn (raddr)' LABELDEF INFORMATION MISSING FOR FILE
'filename'**

Explanation: Under CMS/DOS or CMS you must specify a LABELDEF statement for every labeled tape file. One was not found for DTFMT or label defined with the specified filename. The message may occur for OS simulation files if you have inadvertently cleared the FILEDEF or LABELDEF for the specified filename.

System Action: The job is canceled for CMS/DOS, the file is not opened for OS simulation and the TAPESL macro returns an error code of 28.

User Response: Specify a LABELDEF statement for the file and execute the job again.

431E

'TAPn (raddr)' VOL1 LABEL MISSING

Explanation: This message occurs when you request that a tape have its VOL1 label checked or displayed. The tape does not contain a VOL1 label as its first record.

System Action: The TAPE command is terminated.

For CMS/DOS input files, message DMSTLB435R is issued.

For OS input files, an OPEN error occurs.

User Response: Be sure the operator has mounted the correct tape. Respond to any further messages that are issued. If necessary, reissue the command or program.

432E

**'TAPn (raddr)' VOLID volid DOES NOT MATCH LABELDEF VOLID
FOR 'filename'**

Explanation: The volume serial number (volid) on a tape VOL1 label is not the same as the volume serial number specified on a LABELDEF or FILEDEF command. Filename is dtfname for CMS/DOS or ddname for OS simulation. The volid displayed in the message is the one found on the tape label.

System Action: CMS/DOS files, message DMSTLB435R is issued.

CMS commands terminate without any data being read.

For CMS TAPESL macro for input, an error code of 32 is returned.

For OS simulation input files, the file is not opened.

For OS simulation or TAPESL output files, message DMSTLB433R is issued.

User Response: Be sure the correct volume serial number is specified on the command. If it is, the correct tape was not mounted. Ask the operator to mount the proper tape. Reissue the command or program.

433R

ENTER 'WRITE' (void) OR 'REJECT'

Explanation: This message is issued when an output OPEN routine finds a tape has a VOL1 void that does not match the one specified or if an output tape has been specified as SL and no VOL1 label is on it. The message is issued only in situations where a DOS/VS or OS/VS operating system allows a VOL1 label to be written. It is never issued unless either message DMSTLB431E or DMSTLB432E is also issued.

System Action: The system waits for a reply.

User Response: You may enter 'REJECT' to reject the tape or rewrite the VOL1 label on the tape by entering WRITE followed by a left parenthesis and, with no intervening blanks, a one- to six-character volume serial number to be written in the label. No owner field may be specified. To write a VOL1 label with an owner field you must use the WVOL1 function on the TAPE command.

434E

'TAPn (raddr)' INPUT LABEL ERROR IN FIELD 'fieldname' FILE 'filename'

Explanation: A field in a tape HDR1 label did not agree with the field specified on a LABELDEF command for the file. Filename is dtfname for CMS/DOS or ddname for OS simulation. 'fieldname' identifies the field causing the error.

System Action: For CMS/DOS, message DMSTLB435R is issued.

CMS commands and TAPESL macro terminate without reading any tape data.

For OS simulation, the file is not opened.

User Response: Be sure the LABELDEF statement for the file is correct. If it is, the wrong tape may be mounted or it may be positioned at the wrong file. Reply to message DMSTLB435E if issued.

435R

ENTER 'IGNORE' or 'CANCEL'

Explanation: This message is never issued alone. It always follows another CMS/DOS message that identifies a tape label error.

This message gives the CMS/DOS user the choice of ignoring a label processing error and continuing the job or cancelling it.

System Action: The system waits for a reply.

User Response: Enter 'IGNORE' or 'CANCEL'.

436I

'TAPn (raddr)' MISSING USER STANDARD LABEL FOR 'ddname'

Explanation: This message is issued when the OS simulation user request SUL tape label processing on a FILEDEF command. The user also has a user exit in the DCB exit list for the file identified by ddname. However, the tape did not contain a user UHL or UTL label.

System Action: If a tape mark is read instead of the expected user standard label, the tape is positioned at the record immediately after the tape mark. Otherwise, the tape is backspaced so it is positioned at the record that was read when a user standard label was expected.

User Response: None, if the tape file was not expected to contain a user label. If one was expected, halt the program execution and be sure the correct tape is mounted.

437I

'TAPn (raddr)' NSL ROUTINE RETURNED ERROR CODE 'nnnnnn' FOR 'filename'

Explanation: This message is issued when you execute a nonstandard tape label processing routine that returned a nonzero return code of 'nnnnnn' in register 15. 'filename' is the ddname for the file that caused the code for OS simulation; for the TAPEMAC and TAPPDS commands, it is the id parameter specified by the user.

System Action: The nonzero return code prevents an OS file from being opened or causes the TAPEMAC or TAPPDS commands to be terminated without processing any tape files.

User Response: Examine your NSL routine to be sure you wanted to return a nonzero code. If you did, then you probably have the wrong tape mounted or you anticipated this condition.

444E

VOLUME 'label' IS NOT A DOS SYSRES

Explanation: The disk specified by the mode operand of the SET DOS ON command is not a VSE/AF system residence volume.

System Action: RC = 32
Execution of the command is terminated. The system status remains the same.

User Response: Reissue the command with the correct mode.

445W

INVALID DATA IN SEQUENCE FIELD, BYPASSING SEQUENCE CHECK

Explanation: The sequence field on the file being loaded is not numeric.

System Action: The file continues to be loaded.

User Response: Check the file after it has been loaded for possible transmission errors.

450E

Error 5 running fn ft, line nn: Machine storage exhausted

Explanation: While attempting to interpret a program, the System Product Interpreter was unable to get the space needed for its work areas and variables. This may have occurred because the program (such as the Editor) that invoked the System Product Interpreter has already used up most of the available storage itself, or because a program that issued NUCXLOAD did not terminate properly, but instead, went into a loop.

System Action: Execution stops.

User Response: Run the EXEC or macro on its own, or check a program issuing NUCXLOAD for a possible loop that has not terminated properly. More free storage may be obtained by releasing a disk (to recover the space used for the file directory) or deleting a nucleus extension. Alternatively, re-IPL CMS after defining a larger virtual storage size for the virtual machine.

451E

Error 3 running fn ft, line nn: Program is unreadable

Explanation: The System Product Interpreter program could not be read from the disk. This problem usually occurs when you are attempting to execute an EXEC or program from someone else's disk for which you have Read/Only access, while someone with Read/Write access to the disk has altered the program so that it no longer exists in the same place on the disk.

System Action: Execution stops.

User Response: Reaccess the disk on which the EXEC or program resides.

452E

Error 4 running fn ft, line nn: Program interrupted

Explanation: The system interrupted execution of your System Product Interpreter program. Usually this is due to your issuing the 'HI' (halt interpretation) immediate command. Certain utility modules may force this condition if they detect a disastrous error condition.

System Action: Execution stops.

User Response: If you issued an 'HI' command, continue as planned. Otherwise, look for a problem with a Utility Module called in your EXEC or macro.

453E

Error 6 running fn ft, line nn: Unmatched “*/” or quote

Explanation: The System Product Interpreter reached the end of the file (or the end of data in an INTERPRET statement) without finding the ending “*/” for a comment or quote for a literal string.

System Action: Execution stops.

User Response: Edit the EXEC and add the closing “*/” or quote. You can also insert a TRACE SCAN statement at the top of your program and rerun it. The resulting output should show where the error exists.

454E

Error 7 running fn ft, line nn: WHEN or OTHERWISE expected

Explanation: The System Product Interpreter expects a series of WHENs and an OTHERWISE within a SELECT statement. This message is issued when any other instruction is found. This situation is often caused by forgetting the DO and END instructions around the list of instructions following a WHEN. For example,

Wrong	Right
Select	Select
When a = b then	When a = b then DO
Say 'A equals B'	Say 'A equals B'
exit	exit
Otherwise nop	Otherwise nop
end	end

System Action: Execution stops.

User Response: Make the necessary corrections.

455E

Error 8 running fn ft, line nn: Unexpected THEN or ELSE

Explanation: The System Product Interpreter has found a THEN or an ELSE that does not match a corresponding IF clause. This situation is often caused by forgetting to put an END or DO END in the THEN part of a complex IF THEN ELSE construction. For example,

Wrong	Right
If a = b then do;	If a = b then do;
Say EQUALS	Say EQUALS
exit	exit
else	end
Say NOT EQUALS	else
	Say NOT EQUALS

System Action: Execution stops.

User Response: Make the necessary corrections.

456E

Error 9 running fn ft, line nn: Unexpected WHEN or OTHERWISE

Explanation: The System Product Interpreter has found a WHEN or OTHERWISE instruction outside of a SELECT construction. You may have accidentally enclosed the instruction in a DO END construction by leaving off an END instruction, or you may have tried to branch to it with a SIGNAL statement (which cannot work because the SELECT is then terminated).

System Action: Execution stops.

User Response: Make the necessary correction.

457E

Error 10 running fn ft, line nn: Unexpected or unmatched END

Explanation: The System Product Interpreter has found more ENDS in your program than DOs or SELECTs, or the ENDS were placed so that they did not match the DOs or SELECTs.

This message can be caused if you try to signal into the middle of a loop. In this case, the END will be unexpected because the previous DO will not have been executed. Remember also, that SIGNAL terminates any current loops, so it cannot be used to jump from one place inside a loop to another.

This message can also be caused if you place an END immediately after a THEN OR ELSE construction.

System Action: Execution stops.

User Response: Make the necessary corrections. It may be helpful to use 'TRACE Scan' to show the structure of the program and make it more obvious where the error is. Putting the name of the control variable on ENDS which close repetitive loops can also help locate this kind of error.

458E

Error 11 running fn ft, line nn: Control stack full

Explanation: This message is issued if you exceed the limit of 250 levels of nesting of control structures (DO-END, IF-THEN-ELSE, etc.)

This message could be caused by a looping INTERPRET instruction, such as:

```
line = 'INTERPRET line'  
INTERPRET line
```

These lines would loop until they exceeded the nesting level limit and this message would be issued. Similarly, a recursive subroutine that does not terminate correctly could loop until it causes this message.

System Action: Execution stops.

User Response: Make the necessary corrections.

459E

Error 12 running fn ft, line nn: Clause > 500 characters

Explanation: You have exceeded the limit of 500 characters for the length of the internal representation of a clause.

If the cause of this message is not obvious to you, it may be due to a missing quote, that has caused a number of lines to be included in one long string. In this case, the error probably occurred at the start of the data included in the clause traceback (flagged by '+++' on the console).

The internal representation of a clause does not include comments or multiple blanks that are outside of strings. Note also that any symbol ('name') gains two characters in length in the internal representation.

System Action: Execution stops.

User Response: Make the necessary corrections.

460E

Error 13 running fn ft, line nn: Invalid character in data

Explanation: The System Product Interpreter found an invalid character outside of a literal (quoted) string. Valid characters are:

```
A-Z a-z 0-9 (Alphameric)  
@ # $ % . ? ! _ (Name Characters)  
& * ( ) - + = - ' " ; : < , > / (Special Characters)
```

System Action: Execution stops.

User Response: Make the necessary corrections.

461E

Error 14 running fn ft, line nn: Incomplete DO/SELECT/IF

Explanation: The System Product Interpreter has reached the end of the file (or end of data for an INTERPRET instruction) and has found that there is a DO or SELECT without a matching END, or an IF that is not followed by a THEN clause.

System Action: Execution stops.

User Response: Make the necessary corrections. You can use 'TRACE Scan' to show the structure of the program, thereby making it easier to find

where the missing END should be. Putting the name of the control variable on ENDS that close repetitive loops can also help locate this kind of error.

462E

Error 15 running fn ft, line nn: Invalid Hex constant

Explanation: For the System Product Interpreter, hexadecimal constants may not have leading or trailing blanks and may have imbedded blanks at byte boundaries only. The following are all valid hexadecimal constants:

'13'x
'A3C2 1c34'x
'1de8'x

You may have mistyped one of the digits, for example typing a letter o instead of a 0. This message can also be caused if you follow a string with the 1-character symbol "X" (the name of the variable 'X'), when the string is not intended to be taken as a hexadecimal specification. In this case, use the explicit concatenation operator ("||") to concatenate the string to the value of the symbol.

System Action: Execution stops.

User Response: Make the necessary corrections.

463E

Error 16 running fn ft, line nn: Label not found

Explanation: The System Product Interpreter could not find the label specified by a SIGNAL instruction (or specified by a trap set to occur when a certain event occurred). You may have mistyped the label or forgotten to include it.

System Action: Execution stops. The name of the missing label is included in the error traceback.

User Response: Make the necessary corrections.

464E

Error 21 running fn ft, line nn: Invalid data on end of clause

Explanation: You have followed a clause, such as SELECT or NOP, with some data other than a comment.

System Action: Execution stops.

User Response: Make the necessary corrections.

465E

Error 17 running fn ft, line nn: Unexpected PROCEDURE

Explanation: The System Product Interpreter encountered a PROCEDURE instruction in an invalid position. Either no internal routines are active, or a PROCEDURE instruction has already been encountered in the internal routine. This error can be caused by "dropping through" to an internal routine, rather than invoking it with a CALL or a function call.

System Action: Execution stops.

User Response: Make the necessary corrections.

466E

Error 26 running fn ft, line nn: Invalid whole number

Explanation: The System Product Interpreter found an expression in the NUMERIC instruction, a parsing positional pattern, or the right hand term of the exponentiation (“**”) operator that did not evaluate to a whole number, or was greater than the limit, for these uses, of 999999999.

This message can also be issued if the return code passed back from an EXIT or RETURN instruction (when a System Product Interpreter program is called as a command) is not a whole number or will not fit in a System/370 register. This error may be due to mistyping the name of a symbol so that it is not the name of a variable in the expression on any of these statements. This might be true, for example, if you typed “EXIT CR” instead of “EXIT RC.”

System Action: Execution stops.

User Response: Make the necessary corrections.

467E

Error 27 running fn ft, line nn: Invalid DO syntax

Explanation: The System Product Interpreter found a syntax error in the DO instruction. You might have used BY or TO twice, or used BY, TO, or FOR when you didn’t specify a control variable.

System Action: Execution stops.

User Response: Make the necessary corrections.

468E

Error 30 running fn ft, line nn: Name or String > 250 characters

Explanation: The System Product Interpreter found a variable or a literal (quoted) string that is longer than the limit.

The limit for names is 250 characters, following any substitutions. A possible cause of this error is the use of a period (‘.’) in a name, causing an unexpected substitution.

The limit for a literal string is 250 characters. This error can be caused by leaving off an ending quote (or putting a single quote in a string) because several clauses may be included in the string. For example, the string ‘don’t’ should be written as ‘don’t’ or “don’t”.

System Action: Execution stops.

User Response: Make the necessary corrections.

469E

Error 31 running fn ft, line nn: Name starts with numeric or “.”

Explanation: The System Product Interpreter found a variable whose name begins with a numeric digit or a ‘.’. The System Product Interpreter language rules do not allow you to assign a value to a variable whose name begins with a numeric digit or a period, because you could then redefine numeric constants which would be catastrophic.

System Action: Execution stops.

User Response: Rename the variable correctly. It is best to start a variable name with an alphabetic character, but some other characters are allowed.

470E

Error 34 running fn ft, line nn: Logical value not 0 or 1

Explanation: The System Product Interpreter found an expression in an IF, WHEN, DO WHILE, or DO UNTIL phrase that did not result in a '0' or '1'. Any value operated on by a logical operator (-, ,, |, &, or &&) must result in a '0' or '1'. For example, the phrase "If result then exit rc" will fail if Result has a value of 0 or 1. Thus, the phrase would be better written as "If result =0 then exit rc".

System Action: Execution stops.

User Response: Make the necessary corrections.

471E

Error 35 running fn ft, line nn: Invalid expression

Explanation: The System Product Interpreter found a grammatical error in an expression. You might have ended an expression with an operator, or had two adjacent operators with no data in between, or included special characters (such as operators) in an intended character expression without enclosing them in quotes. For example LISTFILE * * * should be written as LISTFILE ' * * ', or even as 'LISTFILE * * *' (if LISTFILE is not a variable).

System Action: Execution stops.

User Response: Make the necessary corrections.

472E

Error 36 running fn ft, line nn: Unmatched "(" in expression

Explanation: The System Product Interpreter found an unmatched parenthesis within an expression. You will get this message if you include a single parenthesis in a command without enclosing it in quotes. For example, COPY A B C A B D (REP should be written as COPY A B C A B D '(REP.

System Action: Execution stops.

User Response: Make the necessary corrections.

473E

**Error 37 running fn ft, line nn:
Unexpected ",", or ")"**

Explanation: The System Product Interpreter found a comma ',' outside a routine invocation or too many right parentheses in an expression. You will get this message if you include a comma in a character expression without enclosing it in quotes. For example, the instruction:

Say Enter A, B, or C
should be written as:
Say 'Enter A, B, or C'

System Action: Execution stops.

User Response: Make the necessary corrections.

474E

Error 39 running fn ft, line nn: Evaluation stack overflow

Explanation: The System Product Interpreter was not able to evaluate the expression because it is too complex (many nested parentheses, functions, etc.).

System Action: Execution stops.

User Response: Break up the expressions by assigning sub-expression to temporary variables.

475E

Error 40 running fn ft, line nn: Incorrect call to routine

Explanation: The System Product Interpreter encountered an incorrectly used call to a built-in or external routine. Some possible causes are:

- You passed invalid data (arguments) to the routine. This is the most common possible cause and is dependent on the actual routine. If a routine returns a non-zero return code, the System Product Interpreter issues this message and passes back its return code of 20040.
- The module invoked was not compatible with the System Product Interpreter.
- You have used more than 10 arguments.

If you were not trying to invoke a routine, then you may have a symbol or a string adjacent to a '(' when you meant it to be separated by a space or an operator. This causes it to be seen as a function call. For example, TIME(4+5) should probably be written as TIME*(4+5).

System Action: Execution stops.

User Response: Make the necessary corrections.

476E

Error 41 running fn ft, line nn: Bad arithmetic conversion

Explanation: The System Product Interpreter found a term in an arithmetic expression that was not a valid number or that had an exponent outside the allowed range of -999999999 to +999999999.

You may have mistyped a variable name, or included an arithmetic operator in a character expression without putting it in quotes. For example, the command MSG * Hi! should be written as 'MSG * Hi!', otherwise the System Product Interpreter will try to multiply "MSG" by 'Hi!'.

System Action: Execution stops.

User Response: Make the necessary corrections.

477E

Error 42 running fn ft, line nn: Arithmetic Overflow/Underflow

Explanation: The System Product Interpreter encountered the result of an arithmetic operation that required an exponent greater than the limit of 9 digits (more than 999999999 or less than -999999999).

This error can occur during evaluation of an expression (often as a result of trying to divide a number by 0), or during the increasing of a DO loop control variable.

System Action: Execution stops.

User Response: Make the necessary corrections.

478E

Error 43 running fn ft, line nn: Routine not found

Explanation: The System Product Interpreter was unable to find a routine called in your program. You invoked a function within an expression or in a subroutine invoked by CALL, but the specified label is not in the program or is not the name of a built-in function, and CMS is unable to locate it externally.

The simplest, and probably most common, cause of this error is mistyping the name. Another possibility may be that one of the standard function packages is not available.

If you were not trying to invoke a routine, you may have put a symbol or string adjacent to a "(" when you meant it to be separated by a space or operator. The System Product Interpreter would see that as a function invocation. For example, the string 3(4+5) should be written as 3*(4+5).

System Action: Execution stops.

User Response: Make the necessary corrections.

479E

Error 44 running fn ft, line nn: Function did not return data

Explanation: The System Product Interpreter invoked an external routine within an expression. The routine seemed to end without error, but it did not return data for use in the expression.

This may be due to specifying the name of a CMS module that is not intended for use as a System Product Interpreter function. It should be called as a command or subroutine.

System Action: Execution stops.

User Response: Make the necessary corrections.

480E

Error 45 running fn ft, line nn: No data specified on function RETURN

Explanation: A System Product Interpreter program has been called as a function, but an attempt is being made to return (by a RETURN; instruction) without passing back any data. Similarly, an internal routine, called as a function, must end with a RETURN statement specifying an expression.

System Action: Execution stops.

User Response: Make the necessary corrections.

481E

Error 49 running fn ft, line nn: Interpreter failure

Explanation: The System Product Interpreter carries out numerous internal self-consistency checks. It issues this message if it encounters a severe error.

System Action: Execution stops.

User Response: Report any occurrence of this message to your IBM representative.

482E

Error 19 running fn ft, line nn: String or symbol expected

Explanation: The System Product Interpreter expected a symbol following the keywords CALL, SIGNAL, SIGNAL ON, or SIGNAL OFF but none was found. You may have omitted the string or symbol, or you may have inserted a special character (such as a parenthesis) in it.

System Action: Execution stops.

User Response: Make the necessary corrections.

483E

Error 20 running fn ft, line nn: Symbol expected

Explanation: The System Product Interpreter may expect a symbol following the END, ITERATE, LEAVE, NUMERIC, PARSE, or PROCEDURE keywords or expected a list of symbols following the DROP, UPPER, or PROCEDURE (with EXPOSE option) keywords. Either there was no symbol when one was required or some other characters were found.

System Action: Execution stops.

User Response: Make the necessary corrections.

484E

Error 24 running fn ft, line nn: Invalid TRACE request

Explanation: The System Product Interpreter issues this message when:

- The action specified on a TRACE instruction, or the argument to the TRACE built-in function, starts with a letter that does not match one of the valid alphabetic character options. The valid options are A, C, E, I, L, N, O, R, or S.
- An attempt is made to request "TRACE Scan" when inside any control construction or while in interactive debug.

System Action: Execution stops.

User Response: Make the necessary corrections.

485E

Error 25 running fn ft, line nn: Invalid sub-keyword found

Explanation: The System Product Interpreter expected a particular sub-keyword at this position in an instruction and something else was found. For example, the NUMERIC instruction must be followed by the sub-keyword DIGITS, FUZZ, or FORM. If NUMERIC is followed by anything else, this message is issued.

System Action: Execution stops.

User Response: Make the necessary corrections.

486E

Error 28 running fn ft, line nn: Invalid LEAVE or ITERATE

Explanation: The System Product Interpreter encountered an invalid LEAVE or ITERATE instruction. The instruction was invalid because:

- No loop is active, or
- The name specified on the instruction does not match the control variable of any active loop.

Note that internal routine calls and the INTERPRET instruction protect DO loops by making them inactive. Therefore, for example, a LEAVE instruction in a subroutine cannot affect a DO loop in the calling routine.

You can cause this message to be issued if you use the SIGNAL instruction to transfer control within or into a loop. A SIGNAL instruction terminates all active loops, and any ITERATE or LEAVE instruction issued then would cause this message to be issued.

System Action: Execution stops.

User Response: Make the necessary corrections.

487E

**Error 29 running fn ft, line nn:
Environment name too long**

Explanation: The System Product Interpreter encountered an environment name specified on an ADDRESS instruction that is longer than the limit of 8 characters.

System Action: Execution stops.

User Response: Specify the environment name correctly.

488E

Error 33 running fn ft, line nn: Invalid expression result

Explanation: The System Product Interpreter encountered an expression result that is invalid in its particular context. The result may be invalid because an illegal FUZZ or DIGITS value was used in a NUMERIC instruction (FUZZ may not become larger than DIGITS).

System Action: Execution stops.

User Response: Make the necessary corrections.

489E

Error 38 running fn ft, line nn: Invalid template or pattern

Explanation: The System Product Interpreter found an invalid special character, for example %, within a parsing template, or the syntax of a variable trigger was incorrect (no symbol was found after a left parenthesis). This message is also issued if the WITH sub-keyword is omitted in a PARSE VALUE instruction.

System Action: Execution stops.

User Response: Make the necessary corrections.

490E

Error 48 running fn ft, line nn: Failure in system service

Explanation: The System Product Interpreter halts execution of the program because some system service, such as user input or output or manipulation of the console stack has failed to work correctly.

System Action: Execution stops.

User Response: Ensure that your input is correct and that your program is working correctly. If the problem persists, notify your system support personnel.

- 491E** **Error 18 running fn ft, line nn: THEN expected**
- Explanation:** All System Product Interpreter IF and WHEN clauses must be followed by a THEN clause. Another clause was found before a THEN statement was found.
- System Action:** Execution stops.
- User Response:** Insert a THEN clause between the IF or WHEN clause and the following clause.
- 492E** **Error 32 running fn ft, line nn: Invalid use of stem**
- Explanation:** The System Product Interpreter program attempted to change the value of a symbol that is a stem. (A stem is that part of a symbol up to the first period. You use a stem when you want to affect all variables beginning with that stem.) This may be in the UPPER instruction where the action in this case is unknown, and therefore in error.
- System Action:** Execution stops.
- User Response:** Change the program so that it does not attempt to change the value of a stem.
- 493E** **SORT INVALID IN UPDATE MODE**
- Explanation:** The SORT command was issued in update mode.
- System Action:** RC = 3
The data is not sorted.
- User Response:** None.
- 495E** **THE 'module1' MODULE CAN ONLY BE EXECUTED BY THE
'module2' MODULE, IT CANNOT BE EXECUTED BY ITSELF.**
- Explanation:** Someone has sent you a file with an altered fileid. A file is not loaded when the last card of the reader file does not match the filename, filetype, and/or filemode of the first card in the file. The filename, filetype, filemode specified in the message is the file that would have been erased by the DISK LOAD.
- System Action:** RC = 100.
The file is not loaded and is left in the reader.
- User Response:** Issue CP QUERY READER to determine who sent you this altered file. If you still want to load the file, use the READCARD command. Otherwise, to delete this file from your reader, use the CP PURGE command.
- 496S** **READER FILE ALTERED TO DISK LOAD AS: 'fn ft fm'. DISK LOAD
STOPPED! FILE HAS BEEN LEFT IN YOUR READER**
- Explanation:** Someone has sent you a file with an altered fileid. A file is not loaded when the last card of the reader file does not match the filename, filetype, and/or filemode of the first card in the file. The filename, filetype, filemode specified in the message is the file that would have been erased by the DISK LOAD.
- System Action:** RC = 100
The file is not loaded and is left in the reader.

User Response: Issue CP QUERY READER to determine who sent you this altered file. If you still want to load the file, use the READCARD command. Otherwise, to delete this file from your reader, use the CP PURGE command.

497E

OPERAND OF SET OPTION EXCEEDS MAXIMUM LENGTH

Explanation: For the SET SYNONYM subcommand, the newname or oldname (including operands) was greater than 129 characters. Trailing blanks are considered when the length is computed since they can be significant.

System Action: RC = 5
The SET subcommand is not executed.

User Response: Correct and reissue the SET subcommand.

498E

NOT EXECUTED: THE TWO AREAS TO MERGE OVERLAP EACH OTHER

Explanation: The MERGE subcommand was issued and the group of lines that were merged overlapped each other.

System Action: RC = 1
No lines are merged.

User Response: Specify targets such that the lines to be merged do not overlap.

499E

USER NOT AUTHORIZED TO ISSUE 'command' COMMAND

Explanation: The TELL EXEC tried to issue the specified 'command' found in the GLOBALV file. Either the specified 'command' is invalid, or the user is not authorized to issue the MSGOH command.

System Action: RC = 40
The command is rejected.

User Response: Reissue the DEFAULTS EXEC to set msgcmd to either MSG or MSGOH.

500E

UNABLE TO UNPACK FILE 'fn ft fm'

Explanation: An error condition was detected during the process of unpacking a file.

System Action: RC = 88
Execution of the command is terminated.

User Response: Contact your system support personnel for assistance.

501I

nn LINE(S) DELETED

Explanation: The number of lines deleted as a result of a DELETE subcommand is displayed.

System Action: None.

User Response: None.

502E

nn LINE TO RECOVER

Explanation: The number of lines recovered as a result of a RECOVER subcommand is displayed.

System Action: None.

User Response: None.

502I

{NO|nn} LINE(S) RECOVERED

Explanation: The number of lines recovered (or 'NO LINES' if 0 lines were recovered), as a result of a RECOVER subcommand, is displayed.

System Action: If NO lines were recoverable, RC = 3 is returned.

User Response: None.

502W

NO LINE TO RECOVER

Explanation: A RECOVER subcommand was issued, but the buffer that contains "recoverable" lines was empty.

System Action: RC = 3

User Response: None.

503E

{TRUNCATED|SPILLED}

Explanation: The current line has exceeded the truncation column and the extra characters have been truncated or spilled.

System Action: RC = 3

Lines are spilled or truncated depending on SET SPILL on|off|word.

User Response: To avoid truncation of subsequent lines, change the truncation setting by issuing a SET TRUNC subcommand. SET SPILL also allows you to avoid losing any characters by truncation.

504E

nn LINE(S) {TRUNCATED|SPILLED}

Explanation: Lines were truncated or spilled due to execution of the SHIFT subcommand.

System Action: RC = 3

Lines are spilled or truncated depending on SET SPILL on|off|word.

User Response: None.

505E

NOT EXECUTED: THE TARGET LINE (nn) IS WITHIN THE LINES TO MOVE

Explanation: The destination line for a move or copy operation fell within the block of lines to be moved.

System Action: RC = 1

User Response: Correct and reissue the subcommand.

506I

nn LINES {MOVED|COPIED|MERGED}

Explanation: The number of lines that were moved, copied, or merged is displayed.

System Action: None.

User Response: None.

507E

NO PRESERVED DATA TO RESTORE

Explanation: A RESTORE subcommand was issued to restore the settings of XEDIT variables but the PRESERVE subcommand had not previously been issued to save the settings of the variables.

System Action: RC=3

The RESTORE subcommand is not executed.

User Response: If you wish to alter XEDIT variables temporarily, enter the PRESERVE subcommand, then change the XEDIT variables using the SET subcommand. Subsequently, enter the RESTORE subcommand to restore the variables to the values they had when the PRESERVE subcommand was last issued.

508E

'load' MUST BE THE FIRST SUBCOMMAND IN THE PROFILE

Explanation: During the execution of a XEDIT profile macro, a LOAD subcommand was detected that was not the first XEDIT subcommand in the macro.

System Action: RC=3

The XEDIT profile macro is partially executed. The system executes all EXEC 2 statements, CMS commands, and XEDIT subcommands in the macro until the LOAD subcommand is reached. It then ignores the LOAD subcommand and all subsequent subcommands. Upon detection of the first XEDIT subcommand, the editor automatically executed a LOAD subcommand that was used to invoke the profile macro. No more than one LOAD command, either implicit or explicit, may be executed in one XEDIT macro call.

User Response: Correct your XEDIT profile macro. Move the LOAD subcommand up so that it is the first XEDIT subcommand to be executed.

509E

'subcommand' SUBCOMMAND NOT VALID FROM A PREFIX MACRO

Explanation: A subcommand is not valid when issued from a prefix macro. The following subcommands are invalid: LPREFIX, QUIT, FILE, and READ.

System Action: RC=4

Execution of the macro continues.

User Response: Do not issue the macro from the prefix area, or modify the macro so this subcommand is not issued.

509W

USE GET AND/OR PUT(D) TO MOVE LINES IN UPDATE MODE

Explanation: The MOVE subcommand was issued in update mode.

System Action: RC = 3

User Response: To move lines in update mode, use the GET or PUT(D) subcommand.

510I

AUTOSAVED AS 'fn ft fm'.

Explanation: As a result of a SET AUTOSAVE setting, the file was written to disk with the fileid that is displayed.

System Action: The editing session continues.

User Response: None.

511E

STRING2 CONTAINS MORE ARBITRARY CHARACTERS THAN STRING1

Explanation: In a CHANGE subcommand, the operand 'string2' contained more arbitrary characters than the operand 'string1'.

System Action: RC = 5

User Response: Correct the operand 'string2' and reissue the CHANGE subcommand.

512E

INVALID SUBSET COMMAND

Explanation: A CMS command that is not one of the CMS subset commands was issued, and the editor is not in the CMS shared segment (where any CMS command may be executed).

System Action: RC = 1 or 2

RC = 1: The command was passed to CMS; the command was not a valid system editor subcommand.

RC = 2: The command was passed to CMS. The VM/SP editor did not attempt to decode the command.

User Response: None.

513E

UNKNOWN CP/CMS COMMAND

Explanation: A command was transmitted to CMS or to CP but was not recognized.

System Action: RC = -3

User Response: Correct and reissue the command.

514E

RETURN CODE 'nn' FROM 'command'

Explanation: A CMS or CP command was executed, and an error occurred.

System Action: The return code from the CMS or CP command is displayed in the message

User Response: Correct and reissue the command.

515E

RECFM MUST BE {F|V|FP|VP}

Explanation: A SET RECFM subcommand was issued and the operand was not recognized.

System Action: RC=5
The subcommand is not executed.

User Response: Correct and reissue the subcommand.

516E

LRECL TOO LARGE FOR V-FORMAT FILE

Explanation: A SET LRECL subcommand was issued with a logical record length that exceeds the maximum for V-format files, which is 65,536. Or, a SET RECVM V/VP subcommand was issued for a file with a record length greater than this maximum.

System Action: RC=4
The subcommand is not executed.

User Response: Correct and reissue the subcommand.

517I

nn OCCURRENCE(S) CHANGED ON nn LINE(S)

Explanation: An ALTER macro or a CHANGE subcommand caused 'nn' occurrences on 'nn' lines to be changed.

System Action: None.

User Response: None.

518E

**nn OCCURRENCE(S) CHANGED ON nn LINE(S); nn LINE(S)
{TRUNCATED|SPILLED}**

Explanation: A CHANGE subcommand caused 'nn' occurrences to be changed; as a result, 'nn' lines were truncated or spilled. If SET SPILL OFF was previously issued, the lines were truncated. Otherwise, the lines were spilled.

System Action: RC=3

User Response: Issue SET SPILL ON to avoid truncation.

519E

LRECL MUST BE LOWER THAN WIDTH (nn)

Explanation: A SET LRECL subcommand specified a logical record length greater than the WIDTH option in the XEDIT command.

System Action: RC=5
The subcommand is not executed.

User Response: Correct and reissue the subcommand.

520E

INVALID OPERAND : operand

Explanation: A subcommand was issued either with an invalid operand or with too many operands.

System Action: RC=5
The subcommand is not executed.

User Response: Correct and reissue the subcommand.

521E

INVALID LINE NUMBER

Explanation: The line number specified in a GET subcommand was zero; or one of the following SET subcommand options was issued with an invalid line number: CURLINE, SCALE, TABLINE.

System Action: RC=5

User Response: Correct and reissue the subcommand.

522I

nn OCCURRENCES

Explanation: The number of occurrences of a string located by a count subcommand is displayed.

System Action: None.

User Response: None.

523I

TYPEWRITER MODE

Explanation: A SET TERMINAL TYPEWRITER subcommand was issued from a display terminal.

System Action: None.

User Response: None.

524W

NONDISP CHARACTER RESET TO ‘ ’

Explanation: A SET APL ON or SET TEXT ON subcommand was in effect, and a SET NONDISP subcommand was issued defining an APL or TEXT character as the non-displayable character. When a SET APL OFF or SET TEXT OFF was issued subsequently, the editor automatically reset the non-displayable character to a ‘ ’.

System Action: None.

User Response: None.

525E

INVALID {PFKEY|PFKEY/PAKEY} NUMBER

Explanation: A SET PF_n subcommand was issued, and ‘n’ was either zero or greater than 24. Or, a SET PAn subcommand was issued, and ‘n’ was either zero or greater than 3.

System Action: RC=5

User Response: Correct and reissue the subcommand.

526E

OPTION 'option' VALID IN DISPLAY MODE ONLY

Explanation: The following SET options are valid only in display mode:

CMDLINE	SCALE
CURLINE	SCREEN
MSGLINE	TABLINE
RESERVED	TERMINAL

For the EXECUTE subcommand, the CURSOR operand was specified while the terminal was not in display mode.

System Action: RC=3

User Response: None.

527E

INVALID COLUMN NUMBER

Explanation: A CURSOR subcommand was issued with an invalid column number.

System Action: RC=1

User Response: Correct and reissue the subcommand.

528E

INVALID RANGE : TARGET2 (LINE nn) PRECEDES TARGET1 (LINE nn)

Explanation: The 'target' operands specified in a SET RANGE subcommand were reversed.

System Action: RC=5
The subcommand is not executed.

User Response: Correct and reissue the subcommand.

529E

SUBCOMMAND IS ONLY VALID IN {DISPLAY|EDITING} MODE

Explanation: A subcommand was issued that is valid only in display or editing mode. The following subcommands are valid only in display or editing mode:

ADD	REFRESH
BACKWARD	RGLEFT
CURSOR	SCHANGE
FORWARD	SOS
JOIN CURSOR	SPLTJOIN
MODIFY	Prefix subcommand A
POWERINP	Prefix subcommand I

System Action: RC=3

User Response: None.

530I

nn FILE(S) IN STORAGE.

Explanation: A QUERY RING subcommand was executed.

System Action: None.

User Response: None.

531E

DISK IS FULL. SET NEW FILEMODE OR CLEAR SOME DISK SPACE

Explanation: The output disk became full during execution of a FILE or SAVE subcommand.

System Action: RC = 13
The editing session continues.

User Response: Specify a new filemode (SET MODE) or make more room on the disk.

532E

DISK IS FULL; AUTOSAVE FAILED

Explanation: The output disk became full during an automatic save operation.

System Action: RC = 13
The editing session continues.

User Response: Use the SET AUTOSAVE subcommand to specify a new filemode, or make more room on the disk.

533E

LINE nn IS NOT RESERVED

Explanation: A SET RESERVED nn OFF subcommand was issued, and 'nn' indicates a line number that is not currently reserved.

System Action: RC = 4
The subcommand is not executed.

User Response: Reissue the subcommand and specify a line number that is currently reserved.

534E

TOO MANY LOGICAL SCREENS DEFINED

Explanation: A SET SCREEN subcommand was issued, and 'n' specified too many logical screen for the physical screen size.

System Action: RC = 4
The subcommand is not executed.

User Response: Correct and reissue the subcommand.

535E

INVALID PARMS FOR RENUM

Explanation: A RENUM subcommand was issued, and either the 'startno' or 'incr' operand was specified as zero.

System Action: RC = 5
The subcommand is not executed.

User Response: Correct and reissue the subcommand.

- 536E** **LOGICAL SCREENS EXCEED PHYSICAL SCREEN SIZE**
- Explanation:** A 'SET SCREEN SIZE' subcommand was issued, and the number of lines or columns specified exceeds the limits of the physical screen.
- System Action:** RC = 1
The subcommand is not executed.
- User Response:** Correct and reissue the subcommand.
- 537E** **EACH LOGICAL SCREEN MUST CONTAIN AT LEAST 5 LINES AND 20 COLUMNS**
- Explanation:** A 'SET SCREEN SIZE' subcommand was issued, and it resulted in a logical screen size of less than 5 rows and/or less than 20 columns.
- System Action:** RC = 4
The subcommand is not executed.
- User Response:** Correct and reissue the subcommand.
- 538E** **NO NAME DEFINED**
- Explanation:** A 'QUERY POINT **' subcommand was issued, but no symbolic names have been defined.
- System Action:** RC = 3
- User Response:** None.
- 539E** **NAMED LINE NOT FOUND**
- Explanation:** A 'SET POINT' subcommand was issued to delete a specified symbolic name, and the name was not located.
- System Action:** RC = 2
- User Response:** None.
- 540E** **NAMED ALREADY DEFINED ON LINE 'nn'**
- Explanation:** A 'SET POINT' subcommand was issued to define a symbolic name, and the specified name was already assigned to another line.
- System Action:** RC = 1
- User Response:** Issue a 'SET POINT .symbol OFF' subcommand to delete the previous assignment, or select a unique name and reissue the subcommand.
- 541E** **INVALID NAME**
- Explanation:** A 'SET POINT' subcommand was issued, and the specified name either exceeded eight characters or was not preceded by a period (.).
- System Action:** RC = 5
- User Response:** Correct and reissue the subcommand.

542E

NO SUCH SUBCOMMAND : name

Explanation: A subcommand not recognized by the editor was issued.

System Action: RC=-1

User Response: If the name you entered was a macro name, verify that the macro resides on one of your accessed disks.

543E

INVALID NUMBER : xxxxxxxx

Explanation: A subcommand was entered that required a numeric operand, and an alphabetic operand was specified instead, or the number was too large.

System Action: RC=-5

User Response: Correct and reissue the subcommand.

544E

INVALID HEX DATA : xxxxxxxx

Explanation: The subcommand SET HEX ON is in effect, and characters that did not represent valid hexadecimal notation (00-FF) were entered in a subcommand.

System Action: RC=-5

User Response: Correct and reissue the subcommand.

545E

MISSING OPERAND(S)

Explanation: A subcommand was entered without the required number of operand(s).

System Action: RC=-5
The subcommand is not executed.

User Response: Correct and reissue the subcommand.

546E

TARGET NOT FOUND

Explanation: A subcommand was issued with a target operand specified as a string expression or line name that was not located.

System Action: RC=2
The subcommand is not executed.

User Response: Correct and reissue the subcommand.

547E

SYNONYM DEFINITION INCOMPLETE

Explanation: A 'SET SYNONYM' subcommand was issued without the required number of operands.

System Action: RC=5
The subcommand is not executed.

User Response: Correct and reissue the subcommand.

- 548E** **INVALID SYNONYM OPERAND : operand**
- Explanation:** A 'SET SYNONYM' or 'SET PREFIX SYNONYM' subcommand was issued with an invalid 'format' operand.
- System Action:** RC = 5
The subcommand is not executed.
- User Response:** Correct the operand and reissue the subcommand.
- 549E** **SYNONYM ABBREVIATION TOO LARGE**
- Explanation:** A 'SET SYNONYM' subcommand was issued and 'n' (minimum number of characters) was larger than the word itself.
- System Action:** RC = 5
The subcommand is not executed.
- User Response:** Correct and reissue the subcommand.
- 550E** **TOO MANY OPERANDS IN SYNONYM DEFINITION**
- Explanation:** A 'SET SYNONYM' subcommand was issued with more than 64 operands or with an operand greater than 160 characters.
- System Action:** RC = 5
The subcommand is not executed.
- User Response:** Correct and reissue the subcommand.
- 550W** **DATE/TIME DATA NOT PRESENT FOR FILE fn ft**
- Explanation:** This message appears when you issue DISK LOAD with OLDDATE option, and the file being loaded contains no data or time information.
- System Action:** The file is loaded with a new date and time.
- User Response:** None.
- 551I** **STRING 'string' FOUND. [---PFnn SET FOR SELECTIVE CHANGE.]**
- Explanation:** An SCHANGE macro was executed. If a CLOCATE subcommand was typed in the command line, the first part of the message is displayed. If a CHANGE subcommand was typed in the command line, the message also displays which PF key must be pressed to perform the change.
- System Action:** None.
- User Response:** None.
- 552E** **NO SYNONYM CURRENTLY DEFINED**
- Explanation:** A 'QUERY SYNONYM **' subcommand was issued, and no synonyms are currently defined.
- System Action:** RC = 3
- User Response:** None.

553I

EDITING FILE: fn ft fm

Explanation: This message is displayed on a typewriter terminal or a display terminal used in typewriter mode, when one of the following occurred:

1. An XEDIT command was issued.
2. Multiple files are being edited, and a QUIT or FILE subcommand was issued. The fileid displayed is the new current file.

System Action: None.

User Response: None.

554E

NO STORAGE AVAILABLE

Explanation: No more storage is available, and one of the following subcommands, which require additional virtual storage, was issued: GET LPREFIX, SET CTLCHAR, SET MSGLINE, SET PENDING, SET NONDISP, SET PF/PA/ENTER, SET PREFIX SYNONYM, SET RESERVED, SET SCREEN, SET TRANSLATE.

System Action: RC = 3
The subcommand is not executed.

User Response: Increase the storage size of your virtual machine by issuing a CP DEFINE STORAGE subcommand.

555E

FILE 'fn ft fm' ALREADY IN STORAGE

Explanation: A load subcommand was issued for a file that is already in the ring of files in storage.

System Action: RC = 4
A duplicate copy of the file that was requested will not be loaded into storage.

User Response: None.

555W

FILE 'fn ft fm' ALREADY IN STORAGE

Explanation: An XEDIT subcommand was issued for a file that is already in the ring of files in storage, or a SET FNAME, SET FMODE, or SET FTYPE subcommand was issued whose operands are the same as those of a file already in storage.

System Action: If the error resulted from an XEDIT subcommand, the file that was requested becomes the current file. Any options specified are ignored.

User Response: None.

- 556S** **UNDEFINED MESSAGE (DMSXER CALLED AT hex loc.)**
- Explanation:** The editor attempted to display a message that is not in DMSXER.
- System Action:** None.
- User Response:** Contact your system support personnel for assistance.
- 557S** **NO MORE STORAGE TO INSERT LINES**
- Explanation:** Storage was exhausted during the execution of one of the following subcommands: ADD, COPY, DUPLICATE, GET INPUT, SPLIT, and the following prefix subcommands: A, C, E,."
- System Action:** RC=4
The subcommand stops executing when no more storage is available.
- User Response:** Increase the storage size of your virtual machine by issuing a CP DEFINE STORAGE subcommand.
- 558E** **WRONG FILE FORMAT FOR SERIALIZATION**
- Explanation:** A SET SERIAL subcommand was issued, and the file has a variable record format. Only files with a fixed record format can be serialized.
- System Action:** RC=5
- User Response:** You can issue a SET RECFM F subcommand to change the record format of the file. (See also message 560E.)
- 559W** **WARNING: FILE IS EMPTY**
- Explanation:** A subcommand was issued, but the file contains no lines. For the SAVE/FILE subcommand, the copy of the file on disk has not been altered.
- System Action:** For DMSXSU, the subcommand is executed until EOF is reached.
- For DMSXFD, the FILE or SAVE subcommand is executed, except that the permanent copy of the file on disk is not changed.
- User Response:** None.
- 560E** **NOT ENOUGH SPACE FOR SERIALIZATION BETWEEN TRUNC AND LRECL**
- Explanation:** A SET SERIAL subcommand was issued, and there is not enough room to insert the serial number.
- System Action:** The subcommand is not executed.
- User Response:** Issue a SET TRUNC subcommand so that at least eight characters separate the truncation column and the logical record length.

561E

CURSOR IS NOT ON A VALID DATA FIELD

Explanation: A command was issued with the CURSOR or SCHANGE option, and the cursor was not on a file line; or, the cursor or column specified was outside the current zones.

System Action: The subcommand is not executed.

User Response: Reposition the cursor and reissue the subcommand.

562E

NO LINE(S) SAVED BY PUT(D) SUBCOMMAND

Explanation: A GET subcommand was issued, but no lines(s) had been stored by a PUT or PUTD subcommand.

System Action: RC=28

User Response: None.

563W

RECORDS {TRUNCATED}

Explanation: A GET subcommand was executed, and one or more of the inserted lines was truncated or spilled.

System Action: RC=3

Lines are spilled or truncated depending on the current value of SET SPILL (either ON, OFF, or WORD).

User Response: None.

564W

EOF REACHED

Explanation: A GET subcommand was executed, and lines were inserted up to the end of the file.

System Action: None.

User Response: None.

565W

EOF REACHED: RECORDS {TRUNCATED|SPILLED}

Explanation: A GET subcommand was executed, and lines were inserted up to the end of the file. However, one or more lines was truncated or spilled.

System Action: RC=3

Lines are spilled or truncated depending on the current value of SET SPILL (either ON, OFF, or WORD).

User Response: None.

566E

LOGICAL SCREEN (s11,sw1,sh1,sv1) IS OUTSIDE THE PHYSICAL SCREEN

Explanation: The screen defined by (s11,sw1,sh1,sv1) is outside the bounds of the physical screen.

System Action: RC=5

The subcommand is not executed.

User Response: Correct the values and reissue the command.

567E LOGICAL SCREEN (s11,sw1,sh1,sv1) AND (s12,sw2,sh2,sv2) OVERLAP EACH OTHER

Explanation: The screen defined by (s11,sw1,sh1,sv1) somehow overlaps the screen defined by the parameters (s12,sw2,sh2,sv2).

System Action: RC = 5
The subcommand is not executed.

User Response: Correct the values and reissue the command.

568E :SUBCOMMAND NOT VALID WITH THE SCREEN DEFINITION

Explanation: The subcommand that was issued is not valid in this screen definition.

System Action: RC = 5
The subcommand is not executed.

User Response: Do not use this subcommand in this screen definition.

569E NO 'CHANGE' OR 'CLOCATE' SUBCOMMAND SPECIFIED

Explanation: The PF/PA key assigned to the SCHANGE macro was pressed, but no 'CHANGE' or 'CLOCATE' subcommand has been typed in the command line.

System Action: RC = 5
The macro is not executed.

User Response: Type a 'CHANGE' or 'CLOCATE' subcommand in the command line and then press the PF/PA key assigned to SCHANGE.

570W UPDATE 'updtname' SPECIFIED IN THE 'UNTIL' OPTION FIELD NOT FOUND

Explanation: The 'UNTIL' option was specified. However, the filetype specified in this field was never found while applying the updates.

System Action: None.

User Response: None.

571I CREATING NEW FILE:

Explanation: An XEDIT command or one of the following XEDIT subcommands was executed: XEDIT, PUT, or PUTD. The fileid specified a file that did not exist on one of your accessed disks.

System Action: None.

User Response: None.

572E

TERMINAL ERROR. FORCED CASE UPPERCASE.

Explanation: An error occurred when the editor was reading from the CMS console stack.

System Action: A 'SET CASE UPPERCASE' subcommand is executed, and the editor attempts to read the data again.

User Response: If the read was successful, you can reissue the SET CASE subcommand if desired. Otherwise, contact your system support personnel for assistance.

573I

INPUT MODE:

Explanation: An INPUT or REPLACE subcommand was executed.

System Action: The editor leaves edit mode and enters input mode.

User Response: You can enter new lines into the file, or enter a null line to return to edit mode.

574E

CHANGE NOT VALID {WITH CLOCATE|AFTER CURSOR MOVEMENT}

Explanation: One of the following occurred:

1. An CHANGE macro was executed with a CLOCATE subcommand typed in the command line. Then, a PF key assigned to a CHANGE subcommand was pressed.
2. The PF key assigned to an CHANGE macro was pressed, and a CHANGE subcommand is typed in the command line. The cursor was moved, and then the PF key set for the selective change was pressed.

System Action: The change is not made.

User Response: None.

575E

INVALID [ARGUMENT OR] {JOIN|SPLIT|TABS|VERIFY|ZONE} COLUMNS DEFINED

Explanation: The subcommand displayed in the message was issued, and the columns specified were one of the following: non-numeric, zero, not in ascending order.

System Action: RC=5
The subcommand is not executed.

User Response: Correct and reissue the subcommand.

576E

{TOTAL VERIFY EXCEEDS SCREEN SIZE (nn)|TOTAL OFFSET EXCEEDS LRECL (nn)}

Explanation: A SET VERIFY subcommand was issued, and the total width of the 'startcol' and 'endcol' operands is greater than the screen size; or, a LEFT or RIGHT subcommand was issued, and the total value of 'n' (when added to the value 'n' specified in previous LEFT or RIGHT subcommands, if any) exceeds the logical record length of the file. For JOIN or SPLIT, the cursor is outside the current zones.

System Action: RC=5
The subcommand is not executed.

User Response: Correct and reissue the subcommand.

577E

FILE HAS BEEN CHANGED. USE QQUIT TO QUIT ANYWAY

Explanation: A QUIT or CANCEL subcommand has been issued, and a file has been changed during the editing session.

System Action: RC=12
The subcommand is not executed.

User Response: Issue a 'QQUIT' subcommand if you do not wish to save the changes made during the editing session. Issue a 'FILE' subcommand if you want the changed file to be written to disk.

578W

'macro' MACRO IS NOT CURRENTLY IN STORAGE

Explanation: An XEDIT PURGE subcommand was issued for 'macro', but no XEDIT macro with that name is currently in storage.

System Action: RC=3

User Response: No macro is purged from storage.

579E

RECORDS TRUNCATED TO nn WHEN ADDED TO 'fn ft fm'

Explanation: A PUT(D) subcommand was issued, and the lines added to the existing fixed format file were truncated at the column indicated.

System Action: RC=3
The lines inserted into the file specified were truncated at column 'nn'.

User Response: None.

579R

RECORDS WILL BE TRUNCATED TO nn. CONTINUE (YES/NO)?:

Explanation: A PUT(D) subcommand has been issued, and the existing file in which you wish to insert a line(s) has a logical record length smaller than the line(s) you wish to insert.

System Action: The reply determines whether or not the subcommand is executed.

User Response: Enter 'YES' or 'NO'. If 'YES', the lines are truncated and inserted.

580W

PUT NOT EXECUTED

Explanation: A 'NO' reply to message 579R was entered.

System Action: None.

User Response: None.

582S

EDITOR ABEND

Explanation: The editor has failed because: an error occurred while the editor was reading from the CMS console stack, or the editor was unable to allocate a save area.

System Action: The system is terminated abnormally.

User Response: Issue the XEDIT command again. If the problem persists, contact your system support personnel.

583I

EOF:

Explanation: On a typewriter terminal or a display terminal used in typewriter mode, the line pointer has moved to the null END OF FILE line.

System Action: None.

User Response: None.

584I

TOP:

Explanation: On a typewriter terminal or a display terminal used in typewriter mode, the line pointer has moved to the null TOP OF FILE line.

System Action: None.

User Response: None.

585E

NO LINE(S) CHANGED

Explanation: A CHANGE or ALTER subcommand was issued, and the string to be changed or altered was not located, or an attempt was made to execute a change in the null TOP OF FILE or END OF FILE line.

System Action: For JOIN, SPLIT, and SPLITJOIN subcommands, RC = 1; otherwise RC = 4. The change is not made.

User Response: None.

586E

NOT FOUND [ON SCREEN]

Explanation: A FIND, FINDUP, NFIND, or NFINDUP subcommand was issued, and the specified 'text' operand is not found. The SCHANGE macro was invoked, the CHANGE or CLOCATE subcommand was issued, and the specified 'string' (first operand for CHANGE and only operand for CLOCATE) is not found within the screen width.

System Action: RC = 2

User Response: For the SCHANGE macro and the CHANGE or CLOCATE subcommand, if the 'string' not found is outside the screen width, the RIGHT or LEFT subcommand can be issued to change the screen so that the string will be located.

587I

XEDIT:

Explanation: This message is displayed as a result of one of the following:

- you return to EDIT mode from INPUT mode
- you invoke XEDIT and you don't have a PROFILE macro
- you enter a null line from a typewriter terminal

System Action: None.

User Response: None.

588E

PREFIX SUBCOMMAND WAITING...

Explanation: A SET RANGE or SORT subcommand was issued and a prefix subcommand or macro was still pending in the file. (This is indicated by "'xxx' pending . . ." in the status area for the file.) Alternatively, a SET RANGE or SORT subcommand was issued from a prefix macro.

System Action: RC=8
The subcommand is not executed.

User Response: You can issue a RESET subcommand to remove the pending prefix subcommands or macros, or you can complete the execution of the pending prefix subcommands or macros and then reissue the subcommand or macro from the command line.

589E

MISSING FILEDEF FOR DDNAME SYSIN

Explanation: For XEDIT, a command or subcommand was issued for a file that resides on an OS disk, but no FILEDEF command has been issued. For NUCXLOAD, a FILEDEF command identifying the load library must be issued prior to calling NUCXLOAD.

System Action: RC=32
The subcommand is not executed.

User Response: The editor uses the data definition name 'SYSIN' to read the OS data set. Therefore, you must issue a FILEDEF command with 'SYSIN' specified as the 'ddname' before issuing the XEDIT command or subcommand. Use CMS subset to enter the FILEDEF command.

For NUCXLOAD, if you are loading a module from a CMS load library, issue a FILEDEF command identifying the load library.

590E

DATA SET TOO LARGE

Explanation: An XEDIT command or XEDIT or LOAD subcommand was issued for an OS data set that is too large for your virtual storage size.

System Action: RC=88

User Response: Use the CP command DEFINE to increase the virtual storage size, and reissue the XEDIT command or XEDIT or LOAD subcommand. Initialize CMS again.

591E

OPEN ERROR ON SYSIN

Explanation: An XEDIT command or subcommand was issued for a data set not supported by CMS. This message usually follows message DMSSOP036E.

System Action: RC = 32
The subcommand is not executed.

User Response: Refer to message DMSSOP036E.

592W

WRAPPED . . .

Explanation: While executing the search for a target, or while executing a subcommand, the search wrapped past the end of file to the top of the file.

System Action: None.

User Response: None.

593E

nn LINE(S) MERGED, nn LINE(S) {TRUNCATED|SPILLED}

Explanation: In executing the MERGE subcommand, some lines were truncated or spilled.

System Action: RC = 3

User Response: Issue SET SPILL ON to avoid truncation.

594E

FILE 'fn ft fm' ALREADY EXISTS. USE FFILE/SSAVE

Explanation: XEDIT attempted to FILE or SAVE a file and found that a different copy of the file was already on disk.

System Action: RC = 3
The subcommand is not executed.

User Response: Use a different fileid, or use FFILE or SSAVE to overlay the other file on the disk.

596S

THIS MODULE MUST BE CALLED WITHIN THE EDITOR

Explanation: An attempt was made to execute DMSXMS or DMSXPO from CMS.

System Action: RC = 88

User Response: None.

597E

UNABLE TO MERGE UPDATES CONTAINING './S' CARDS

Explanation: An XEDIT command has been issued with a 'MERGE' and 'CTL' option specified, and one of the updates in the control file contains a './S' card(s).

System Action: RC = 32
The command is not executed.

User Response: Remove the 'MERGE' option and reissue the command.

- 598S UNABLE TO BUILD UPDATE FILE : INTERNAL LIST DESTROYED**
- Explanation:** A FILE or SAVE subcommand has been issued, and the editor was unable to build the update file.
- System Action:** RC = 7
The command is not executed.
- User Response:** Call your system support personnel for assistance.
- 599S UNABLE TO BUILD UPDATE FILE : SERIALIZATION DESTROYED**
- Explanation:** A FILE or SAVE subcommand has been issued and the editor was unable to build the update file because the serialization field contains a non-numeric character. This situation may have been the result of a previous update that did not include serialization.
- System Action:** RC = 7
The command is not executed.
- User Response:** Verify that all the applied updates include serialization.
- 600E FIRST SELECTION LEVEL (nn) CANNOT BE GREATER THAN SECOND SELECTION LEVEL (nn)**
- Explanation:** The 'SET DISPLAY n1 n2' command was issued and n2 was less than n1.
- System Action:** RC = 3
The subcommand is not executed.
- User Response:** Correct the operands and reissue the subcommand.
- 601R ENTER SPECIFICATION LIST:**
- Explanation:** The specification list that is to be entered in conjunction with the SPECS option is requested.
- System Action:** The system waits for a response.
- User Response:** Enter the specification list.
- 602R ENTER TRANSLATION LIST:**
- Explanation:** The translation list that is to be entered in conjunction with the TRANS option is requested.
- System Action:** The system waits for a response.
- User Response:** Enter the translation list.
- 603R FORMAT WILL ERASE ALL FILES ON DISK 'mode(vaddr)'. DO YOU WISH TO CONTINUE? (YES|NO):**
- Explanation:** This message is a reminder that the formatting process erases existing files.
- System Action:** The system waits for a response.
- User Response:** Enter "yes" or "no".

604R

ENTER SORT FIELDS:

Explanation: The command requires a list of sort fields on which to perform a sort.

System Action: The system waits for a response.

User Response: Enter pairs of numbers, separated by a blank, defining the starting and ending character positions of sort fields within the records.

605R

ENTER DISK LABEL:

Explanation: You are requested to enter a label for the disk being formatted. The label will be written on the disk at cylinder 0, track 0, record 3.

System Action: The system waits for a response.

User Response: Enter a one- to six-character label for the disk. If you enter less than six characters, the label is left-justified and padded with blanks. If you enter a null line, the system displays the message DISK REMAINS UNCHANGED.

606R

SYSTEM DISK ADDRESS = addr

Explanation: "addr" designates the device address of the system disk (S-disk). On this disk CMS expects to find all CMS system information and programs not contained within the CMS nucleus, such as the disk-resident command modules. If the CMS nucleus is written on this disk, then addr is also the IPL device address.

System Action: The system waits for a response. If you enter an invalid device address, the message

```
DMSINIO79E INVALID DEVICE ADDRESS -  
REENTER
```

is issued. Message DMSINI606R is reissued, and you may enter a valid device address.

If you enter a null line, 190 is assumed to be the system disk address.

Once the system disk address entered is accepted, message DMSINI615R is issued.

User Response: Enter a valid device address or a null line.

607R

REWRITE THE NUCLEUS? (YES|NO)

Explanation: Your response to this message determines whether or not a copy of the CMS nucleus is written onto disk.

System Action: The system waits for a response.

User Response: Enter either "yes" or "no." If you enter "no" a copy of the CMS nucleus is not written onto disk. The remaining questions in generating a new CMS nucleus are skipped and control is passed to the CMS initialization routine.

If you enter "yes", message DMSINI608R is issued.

If you fail to enter either "yes" or "no", the message

```
DMSINI081E INVALID REPLY. - ANSWER
      "YES" OR "NO"
```

is issued. Message DMSINI607R is reissued and you may enter a valid response.

608R

IPL DEVICE ADDRESS = addr

Explanation: "addr" designates the device address on which the CMS nucleus is to be written. If the system disk and the IPL device are to be the same, you need only enter a null line.

System Action: The system waits for a response.

If you enter an invalid device address, message

```
DMSINI079E INVALID DEVICE ADDRESS -
      REENTER
```

is issued. Message DMSINI608R is reissued and you may enter a valid device address.

If the IPL device designated is not currently defined, is not in read/write status, or is an unsupported device type, message

```
DMSINI082E IPL DEVICE ERROR - REENTER
```

is issued. Message DMSINI608R is then reissued. At this time, you may enter CP mode by signaling attention, and determine the status of the designated device by entering the CP command

```
QUERY VIRTUAL vaddr
```

Then take the corrective action necessary to define the device for your virtual machine or to access it in read/write status. Reenter CMS mode by issuing the CP command

```
BEGIN
```

You must then reenter the device address.

Once the IPL device address is accepted, message DMSINI609R is issued.

User Response: Enter a valid device address or a null line.

609R

NUCLEUS {CYL|BLK} ADDRESS = nnn

Explanation: "nnn" designates the cylinder address or FB-512 block number (on the device entered in response to message DMSINI608R) on which the CMS nucleus is to be written. nnn must be between 001 and m-1 where m equals the number of cylinders or blocks on the disk, the cylinders or blocks on a disk being numbered from 0 to m. nnn must be entered in decimal.

For an FB-512 device, the block number must be a multiple of 256 and 256 blocks must be available at that location to form an FB-512 extent.

System Action: The system waits for a response.

If you do not enter a valid decimal cylinder or block number, the message

```
DMSINI080E INVALID {CYL|BLK} NUMBER -  
REENTER
```

is issued, message DMSINI609R is reissued, and you may enter a valid cylinder or FB-512 block number.

If the cylinder or FB-512 block(s) specified is not greater than the number already in use on the device (as indicated in the file directory), the message

```
DMSINI083E NUCLEUS {CYL|BLK}  
SPECIFICATION UNACCEPTABLE,  
ERROR 'X'
```

is issued. Message DMSINI609R is reissued. You may respond with a larger cylinder or block number, or IPL the CMS system and format the specified IPL device with the RECOMP option. Once the nucleus cylinder or block address is accepted, message DMSINI610R is issued.

User Response: Enter a valid cylinder address.

610R

ALSO IPL {CYL|BLK} 0? (YES|NO)

Explanation: The initial IPL text is always written on the same cylinder or FB-512 block as the CMS nucleus, that is, the cylinder or FB-512 extent designated in response to message DMSINI609R. (The initial IPL text is a bootstrap program that reads in the nucleus from the designated cylinder or block.) If it is not also written on cylinder or block 0, you must enter the cylinder or block number whenever an IPL is issued for the system being generated. For more information, see the IPL command in the *VM/SP HPO CP Command Reference for General Users*.

System Action: If you do not enter "yes" or "no", the message

```
DMSINI081E INVALID REPLY - ANSWER "YES"  
OR "NO"
```

is issued. Message DMSINI610R is reissued and you may enter a valid response.

If you enter "yes", the initial IPL text is written on cylinder or block 0 as well as on the cylinder or block designated in response to message DMSINI609R.

If you enter "no" the initial IPL text is written only on the cylinder or block designated in response to message DMSINI609R.

If you enter either "yes" or "no", message DMSINI611R is issued.

User Response: Enter "yes" or "no".

611R

VERSION IDENTIFICATION =

Explanation: Thirty-two bytes of information, including blanks, can be entered to specifically identify the version and level of CMS; this information is displayed or printed out when an IPL CMS is executed. The default identification (specified by a carriage return) is:

```
VM/SP CMS - mm/dd/yy hh:mm
```

System Action: The system waits for a response.

User Response: Enter version identification information or a null line.

612R

INSTALLATION HEADING =

Explanation: Sixty-four bytes of information, including blanks, can be entered to serve as an installation standard heading at the beginning of each output file. The default heading (specified by a null line) is:

CONVERSATIONAL MONITOR SYSTEM

System Action: The system waits for a response.

User Response: Enter up to 64 characters of identifying information, or a null line.

614E

**SCREEN MODIFICATIONS LOST? 'SET FULLREAD ON' TO USE
PAKEYS SAFELY**

Explanation: A PA key was pressed and the screen cleared to display a pending message. If any changes were made on the screen before the PA key was pressed, those changes were lost.

System Action: RC=8
Any screen changes are lost.

User Response: Set FULLREAD ON to avoid losing any changes in this situation.

615R

Y - DISK ADDRESS = vaddr

Explanation: "vaddr" designates the device address of the system disk extension (Y-disk). On this disk, CMS expects to find all CMS system information and programs not contained within the CMS nucleus and not on the S-disk, such as disk-resident command modules. If the CMS nucleus is written on this disk, then vaddr is also the IPL device address. (It is not required that you have a Y-disk.)

System Action: The system waits for a response.

If you enter an invalid device address, the message

```
DSMINI079E INVALID DEVICE ADDRESS -  
REENTER
```

is issued. Message DMSINI615R is reissued, and you may enter a valid device address.

If you enter a null line, "19E" is assumed to be the system disk extension address.

If you do not want a Y-disk, then do not have a disk 19E in your directory entry, and enter a null line.

Once the system disk extension address is accepted, message DMSINI607R is issued.

User Response: Enter a valid disk address or a null line.

616W

'name' DOES NOT EXIST

Explanation: The named nucleus extension does not exist.

System Action: RC=28

User Action: Check the spelling of 'name'.

617E

ERROR CODE nn FROM DMSFRET WHILE UNLOADING 'module name' MODULE

Explanation: An invalid DMSFRET request was made while unloading 'module name' module. An error was made in calling a nucleus extension or the created nucleus extension was damaged in some way. NUCXDROP uses the BYTES associated with the module name as the number of bytes to free starting at the ORIGIN address. One or both of these fields have been destroyed. The error code indicates the type of error that occurred. The error code meanings are:

Code Meaning

5 The number of doublewords specified was 0 or negative.

6 The block of storage being released was never allocated by DMSFREE.

7 The address given for the block being released is not doubleword aligned.

System Action: RC=3

The system makes no further attempt to release the storage block.

User Action: NUCXMAP may be used after defining a nucleus extension to display the origin and length of the loaded program. If these are incorrect, the call defining the nucleus extension was in error. If they are correct, then some program violated the SCBLOCK defining the nucleus extension after NUCXMAP displayed it. This program should be identified and corrected.

618E

NUCEXT FAILED

Explanation: An attempt to establish a function as a CMS nucleus extension failed because of a system error, or because the level of CMS does not support extensions to its nucleus.

System Action: RC=13 or RC=4nn where 'nn' is NUCEXT's return code to the calling module. Execution of the command that called NUCEXT terminates.

User Action: Verify that the level of CMS being used contains support for nucleus extensions; take action indicated by return code 'nn'.

619E

MODULE 'module name' NOT FOUND

Explanation: The module requested does not exist.

System Action: RC = 28

User Action: Recheck the command.

620E

RTABLE ERROR ON LINE 'nnn'

(The multiple variations of this message are explained below).

The 'System Action' in each case is: The programmable operator facility terminates.

The 'User Action' in each case is: Correct the routing table and reload it or reinvoke the Programmable Operator Facility.)

INVALID PARAMETER STATEMENT

Explanation: An RTABLE parameter statement is incorrectly specified, or a record found preceding the first ROUTE statement does not begin with "TEXTSYM," "HOSTCHK," "PROPCHK," "LGLOPR," or "LOGGING."

INVALID TEXT FIELD

Explanation: TESTSYM characters are used incorrectly in the text field:

- The first non-blank character in the text field is not a blank character separator or an arbitrary character separator.
- Two separator characters are found next to each other.
- A not symbol that directly precedes a separator or does not immediately follow a separator character was found.

INVALID INTERVALS SPECIFIED

Explanation: On a PROPCHK or HOSTCHK statement:

- The response wait (second interval) value exceeds the checking interval (first interval) value.
- The checking interval or waiting interval value is not greater than zero.
- The waiting interval specified has more than two numerals.
- The checking interval specified has more than three numerals.

DUPLICATE NODEIDS SPECIFIED

Explanation: A nodeid is specified more than once on one PROPCHK statement or on more than one PROPCHK statement.

INVALID SEPARATOR CHARACTERS

Explanation: Parameters other than distinct single characters are given in the TEXTSYM record. If more than 3 are given, "INCORRECT NUMBER OF PARAMETERS" is issued.

HOSTCHK BEFORE LGLOPR RECORD

Explanation: A HOSTCHK statement appears in the routing table before a LGLOPR statement. The HOSTCHK record requires the nodeid of the logical operator given in the LGLOPR record.

PROPCHK BEFORE LGLOPR RECORD

Explanation: A PROPCHK statement appears in the routing table before a LGLOPR statement. The PROPCHK record requires the nodeid of the logical operator given in the LGLOPR record.

INVALID OPERANDS SPECIFIED

Explanation: The Programmable Operator Facility does not recognize the operands specified (on such statements as LOGGING).

LOGICAL OPERATOR NAME NOT FOUND

Explanation: The id specified for the logical operator in the LGLOPR statement cannot be found on the system or in the "userid NAMES" file.

INVALID COLUMN FIELDS

Explanation: Any of the following is true of the column fields in the routing entry:

- The starting or ending column field is greater than 240 (the maximum length of a CP message).
- The ending column is less than the starting column.
- The starting or ending column is equal to zero.

INCORRECT NUMBER OF PARAMETERS

Explanation: This message is issued if:

- The LGLOPR record has no parameter.
- The LGLOPR record has more than 2 parameters.
- The TEXTSYM record does not have exactly 3 parameters.
- The HOSTCHK record does not have exactly 2 parameters.
- The PROPCHK record has less than 3 parameters.
- The LOGGING record has more than 1 parameter.

NON-NUMERIC VALUE SPECIFIED

Explanation: A non-numeric character was specified for a numeric value in one of the following fields of the routing table: the starting column, the ending column, the message type, or the checking interval parameters on the HOSTCHK or PROPCHK records.

MISALIGNED FIELD

Explanation: One of the following fields does not start in its proper column: userid, nodeid, action routine name, or action routine parameter.

HOSTID IN PROPCHK RECORD

Explanation: The logical operator's nodeid is included in a PROPCHK record.

621E

BAD PLIST: (The multiple variations of this message are explained below. The 'System Action' in each case is: RC=24 Execution is terminated.)

EXECIO MUST BE INVOKED AS A NUCLEUS EXTENSION

Explanation: EXECIO was invoked by an assembler program and passed the incorrect parameter list for a nucleus extension call.

User Action: Make sure you are passing a parameter list for a nucleus extension.

DISK 'argument' ARGUMENT IS MISSING

Explanation: The missing 'argument' is FILENAME or FILETYPE. These are required arguments when DISKR or DISKW operations are specified.

User Action: Reissue the command with the disk argument.

INPUT FILE 'fileid' DOES NOT EXIST 7rbl.

Explanation: The indicated file cannot be found.

User Action: Make sure that the fileid has been entered correctly.

INVALID POSITIONAL ARGUMENT 'argument'

Explanation: More than the maximum number of positional arguments (i.e., arguments before the left parenthesis marking the start of the options) were specified. The number of positional arguments allowed depends on the second operand (DISKR, etc.) on the command line. This message is a likely result if the left parenthesis option delimiter is missing from the command line.

User Action: Make sure that you have specified the correct positional arguments, and that you have not omitted the parenthesis.

UNKNOWN OPTION NAME 'name'

Explanation: The indicated option name is not recognized by EXECIO.

User Action: Make sure that you have not misspelled an option name.

VALUE MISSING AFTER 'option' OPTION

Explanation: There is no value specified after the indicated option, yet one is required. For example, the MARGINS option requires that two values follow it. If one or both of these is missing, the message is produced.

User Action: Check the syntax of the command.

VALUE 'value' NOT VALID FOR 'option' OPTION

Explanation: An invalid value was specified for the indicated option. For example, if 'Case 3' is used in a call to EXECIO, the message will read '...VALUE 3 NOT VALID FOR CASE OPTION.'

User Action: Check the syntax of the command.

'option' OPTION IS NOT VALID WITH 'option' OPTION

Explanation: Two mutually exclusive option values were specified. For example, only one input selection option is allowed; therefore, if both a LOCATE and a FIND option are specified, this message will be issued.

User Action: Check the syntax of the command.

'option' OPTION NOT VALID WITH 'operation' OPERATION

Explanation: The indicated option cannot be specified with the indicated operand. For example, the FINIS option is not valid if PRINT is specified as the second operand on the command line.

User Action: Check the command syntax.

STRING OPTION WITH LINES = * IS VALID ONLY FOR CP OPERATION

Explanation: The STRING option with LINES = * is valid only for a CP operation.

User Action: Check the command syntax.

DEVICE AND LINES ARGUMENTS ARE REQUIRED

Explanation: The first two EXECIO command line operands are always required.

User Action: Check the command syntax.

INVALID VALUE 'value' FOR NUMBER OF LINES

Explanation: The number of lines specified to be processed must be either a nonnegative integer or an asterisk.

User Action: Check the value specified for the number of lines to be processed.

MISSING 'DEVICE' ARGUMENT

Explanation: The EXECIO command requires a 'DEVICE' argument.

User Action: Check the command syntax.

INVALID 'DEVICE' ARGUMENT 'argument'

Explanation: The only valid values for the 'DEVICE' argument are CP, CARD, DISKR, DISKW, PUNCH, PRINT, and EMSG.

User Action: Check the command syntax.

INVALID VALUE 'value' FOR DISK FILE LINE NUMBER

Explanation: The line number specified is negative or a nonnumeric value.

User Action: Check the command syntax.

DISK FILEMODE REQUIRED FOR DISKW

Explanation: The filemode operand is required for a DISKW operation. The DISKW operation may cause writing to any disk to which the user has write access.

User Action: Check the command syntax.

INVALID RECORD FORMAT 'recfm' -- MUST BE EITHER F OR V

Explanation: For a DISKW operation, if the record format (recfm) is specified, it must be either F or V. V is the default value.

User Action: Check the command syntax.

INVALID RECORD LENGTH ARGUMENT 'lrecl'

Explanation: For a DISKW operation, if the logical record length (lrecl) is specified, the value must be less than 256 and greater than 0.

User Action: Check the record length argument.

FILE FORMAT SPECIFIED 'recfm' DOES NOT AGREE WITH EXISTING FILE FORMAT 'recfm'

Explanation: The record format of a record to be written into an existing disk file is inconsistent with that file.

User Action: Check the record format specified against that of the file.

FILE LRECL SPECIFIED 'lrecl' DOES NOT AGREE WITH EXISTING FILE LRECL 'lrecl'

Explanation: The logical record length of a record to be written into an existing disk file is inconsistent with that file.

User Action: Check the logical record length specified against that of the file.

EXECIO OPTIONS ONLY ALLOWED WITH EXTENDED PLIST

Explanation: If any options are used in the call to EXECIO, an extended plist must be supplied. The EXEC 2 interpreter always provides an extended plist, and CMS supplies an extended plist for all commands read from the console. The most likely reason for this message is an attempt to invoke EXECIO (with options) from a CMS EXEC file. Another reason may be invocation of EXECIO from a user program that doesn't supply an extended plist.

User Action: You may provide the extended plist by converting the CMS EXEC file to an EXEC 2 file. Or EXECIO may be invoked through a separate EXEC 2 file called from the CMS EXEC file. If called from a program, the extended plist should be set up according to the documentation in the *VM/SP HPO System Programmer's Guide*.

INVALID CHARACTER IN FILE IDENTIFIER

Explanation: The specified fileid contains a character that is invalid for the CMS file system.

User Action: Check the description of the command format and reissue the command using valid characters.

INVALID MODE 'mode'

Explanation: More than two characters were specified for the mode.

User Action: Check the command syntax.

System Action: RC = 24
Execution is terminated.

622E

INSUFFICIENT FREE STORAGE [message]

Explanation: Insufficient storage was available for the task to execute a required function. One possible cause of this error message is that a program issuing NUCXLOAD is in a loop. If present, 'message' is one of the following:

FOR MSGLINE
No Return Code
Execution continues.

FOR LINE SPILL
RC = 1
Execution continues.

FOR PFKEY/PAKEY
No Return Code
Execution continues.

FOR SYNONYMS
No Return Code
Execution continues.

FOR I/O BUFFER
No Return Code
Execution continues.

FOR EXTRACT
RC = 104
Execution of the command is terminated.

FOR EXECOMM
RC = 104
Execution of the command is terminated.

FOR EXECIO
RC = 41
The requested function is not performed.

FOR NAMEFIND
RC = 41
Execution of the command is terminated.

NO TABLE MADE
RC = 41

DMSGLO created no global variable(s) in storage for the GLOBALV command.

(nn ENTRIES)
RC = 41

DMSNXM (NUCXMAP) requires one word of storage for each nucleus extension. The command is terminated, no map is generated.

System Action: RC = 41
Execution halts.

User Action: Check a program issuing NUCXLOAD for a possible loop that is not terminating properly. More free storage may be obtained by releasing a disk (to recover the space used for the file directory) or deleting a nucleus extension. Alternatively, re-ipl CMS after defining a larger virtual storage size for the virtual machine.

622W

**INSUFFICIENT FREE STORAGE FOR NAMEFIND BUFFER,
PROCESSING CONTINUES**

Explanation: Insufficient storage was available for NAMEFIND to create a buffer containing information from the NAMES file. The requested buffer size, or the size of the file, was too large in terms of the available free storage.

System Action: No buffer was created and processing continues reading the NAMES file from the disk. The buffer size is set to 0, so that future invocation of NAMEFIND will not cause this warning to be displayed.

User Action: None.

623S

**{MODULE|PHASE} CANNOT BE LOADED AT LOCATION 'location'
AS THIS AREA IS AVAILABLE FOR SYSTEM USE ONLY**

Explanation: This error can occur because:

1. The module or phase is too large to be loaded in the user area (it is attempting to overlay the CMS nucleus which resides at the end of the user area).
2. The 'ORIGIN' option was specified incorrectly on the LOAD command. The origin specified is causing the module or phase to overlay (1) The CMS nucleus, or (2) The Free Storage Pointers (since the origin specified is the beginning address of the segment that follows the CMS nucleus).

System Action: RC = 88
The command that was executed to perform the load is terminated.

User Action: If the 'ORIGIN' option was incorrect, reissue the command with the correct origin. If the module or phase is too large, contact your system support personnel, or use the CMS nucleus 'CMSL' that is defined at a higher location, if it is available on your system.

624I

NO NUCLEUS EXTENSIONS ARE LOADED

Explanation: No nucleus extensions were located and therefore they cannot be mapped for NUCXMAP.

System Action: RC=0

User Action: None.

624W

NO NUCLEUS EXTENSIONS ARE LOADED

Explanation: No nucleus extensions have been loaded and therefore cannot be dropped.

System Action: RC=28

User Action: None.

626E

INVALID ACTION ROUTINE PARAMETER 'parameter'

Explanation: The parameter passed to module DMSPOR in the routing table contains an invalid action routine name.

System Action: None.

User Action: Correct the routing table entry. Make sure that the parameters passed to module DMSPOR contain a valid action routine name. The valid action routine names that can be specified with DMSPOR are:

GET	TOFB
LOADTBL	TOLGLOPR
QUERY	TOVM
STOP	

627E

RESULT IS 'nnnn' BYTES TOO LARGE FOR CP COMMAND BUFFER

Explanation: CP returned a response to a command that is too large to fit into the buffer provided by module DMSPOR.

System Action: None (no data returned).

User Action: If possible, request less data (for example, as with the DISPLAY command).

628E

INVALID GLOBALV FUNCTION 'function'

Explanation: The function specified on the GLOBALV command is invalid or unknown.

System Action: RC=4

User Action: Reissue the command specifying a valid GLOBALV function.

630S

ERROR ACCESSING SPOOL FILE

Explanation: An error occurred while accessing the spool file, or the virtual reader is busy. The reader file may have been purged by the system, or the file may have been transferred from your virtual reader via a TRANSFER command issued by the originator or the system operator while the RDR command was executing.

System Action: RC = 36
Execution of the command is terminated.

User Action: If the spool file is still in your virtual reader, reissue the command. If the error persists, contact your installation support personnel.

631E

function CAN ONLY BE EXECUTED FROM AN EXEC 2 OR REXX EXEC [OR AS A CMS COMMAND]

Explanation: This function either requires an extended parameter list, which is not provided by CMS EXEC, or a direct interface to the variables in an EXEC (named 'EXECOMM'), which is only available while an EXEC 2 or System Product Interpreter EXEC is active.

System Action: RC = 4

User Response: Confine use of the specific function to the environments in which it is valid as indicated in the message.

632E

I/O ERROR IN EXECIO: RC = nnn FROM 'command' COMMAND

Explanation: The specified error return code was obtained by EXECIO when the indicated command was invoked. EXECIO will not continue, but returns the error return code to its caller. The EXECIO operation may have partially completed before the error occurred.

System Action: RC = 1nn, where nn is the return code from COMMAND.

User Action: Look at the documentation for the indicated command to interpret the return code.

633E

TOO MANY TAGS WERE ENCOUNTERED. MAXIMUM IS 64 PER LINE

Explanation: While searching the names file, an entry was encountered which contains more than 64 tags (overflowing the internal tag tables of the NAMEFIND command). This record was not processed correctly by NAMEFIND.

System Action: RC = 88
Processing is terminated.

User Action: Make sure the entries in your names file do not have more than 64 tags.

633W

RETURNED VALUES WERE TRUNCATED

Explanation: The information that was stacked or displayed at the terminal was truncated. The stack has a limit of 255 characters; CMS permits only 130 characters to be displayed.

System Action: RC = 88
Processing is completed.

User Action: Use the System Product Editor to view the rest of the entry.

634E

NO VALUE TO SEARCH FOR WAS SPECIFIED

Explanation: The NAMEFIND command was issued without a search value (i.e., a tag with a value).

System Action: RC = 24
Processing is terminated.

User Action: Reissue the command with at least one tag with a value to indicate what NAMEFIND should search for.

635I

NO ENTRIES WERE FOUND THAT MATCHED YOUR SEARCH CRITERIA

Explanation: NAMEFIND was unable to locate an entry that matches the search criteria specified on the command line.

System Action: RC = 32
Processing has completed.

User Action: None.

636E

UNSUPPORTED TYPE OF NETDATA FILE

Explanation: A file in the reader cannot be read in because the RECEIVE command cannot reformat it. For example, an OS PDS in NETDATA format would not be able to be received in CMS.

System Action: RC = 88
Processing is terminated.

User Action: None.

636W

RECEIVED NULL FILE -- NO FILE CREATED

Explanation: A file that was read in from the virtual reader contained no data records (only NETDATA control records were sent). No file was created on the user's disk.

System Action: RC = 32
Processing is terminated. No file is created on the user's disk.

User Action: None.

- 637E** **MISSING {VALUE|'value'} FOR THE {'option' OPTION|'operand' OPERAND}**
- Explanation:** An option or an operand that requires a value following it was specified, but no such value was given.
- System Action:** RC = 24
Processing is terminated.
- User Action:** Check the format of the command and reissue it, specifying all the required values for the options and operands.
- 638E** **fn ft fm IS TOO WIDE TO APPEND TO 'fn ft fm'**
- Explanation:** A note in the reader is too wide to add to a fixed format NOTEBOOK file on the user's disk, or a record could not be added to the user's fixed format NETLOG file because the record was longer than the file.
- System Action:** RC = 32
Processing is terminated. Either the NOTE wasn't received or the log message was not added to the user's NETLOG file.
- User Action:** You can use either the System Product Editor subcommand SET RECFM or the COPYFILE command to change the format of the file from fixed to variable.
- 639E** **ERROR IN 'routine' ROUTINE. RETURN CODE WAS 'xx'**
- Explanation:** An error occurred while executing the routine specified in the error message. The return code is given to identify what the problem was.
- System Action:** RC = xx (whatever the return code was in the message above). Processing is terminated.
- User Action:** Look up the routine mentioned and determine from the return code what the problem was. Correct the problem and reissue the command.
- 640E** **UNABLE TO ACCESS HELP DISK (addr), RC = nn FROM ACCESS COMMAND**
- Explanation:** An error was encountered while attempting to access the disk that contains the HELP files.
- System Action:** RC = 100
HELP processing is terminated.
- User Action:** Check the return codes for the ACCESS command to better identify the problem.
- 640R** **HELP DISK ADDRESS = addr**
- Explanation:** "addr" designates the device address of the system HELP disk. On this disk, CMS expects to find the system HELP files.
- System Action:** The system waits for a response.
- If you enter an invalid device address, the message DMSINI079E INVALID DEVICE ADDRESS - REENTER is issued. DMSINI640R is reissued, and you may enter a valid device address.

If you enter a null line, "19D" is assumed to be the system HELP disk.

If you do not want a HELP disk, enter the system disk address as the HELP disk address.

User Action: Enter a valid disk address or a null line.

641E

NO {COMMAND|OPTIONS} SPECIFIED

Explanation: The DEFAULTS command requires that you specify a command and at least one option when using the SET operand.

System Action: RC = 24
Execution of the command is terminated.

User Action: Reissue the command and specify a command and at least one option.

642E

DEFAULTS DOES NOT ACCEPT {'command' COMMAND|'option' OPTION FOR 'command'}

Explanation: The DEFAULTS facility is valid only with certain commands and only with certain options for a given command.

System Action: RC = 24
Execution of the command is terminated.

User Action: Check the list of commands and options that can be used with the DEFAULTS command. (See the *VM/SP CMS Command and Macro Reference*, or issue HELP).

643E

NO CLASS 'class' FILES IN YOUR READER

Explanation: No files in your reader have the same class as the virtual reader. This may mean that your reader is empty, or that the files in your reader have a different class associated with them.

System Action: RC = 28
Execution of the command is terminated.

User Action: You can use the RDRLIST command to see if there are any files in your reader other than those having the same class as your virtual reader. You can use the CP CHANGE command to make the class of the spool files the same as your reader class.

644E

ALL READER FILES ARE IN HOLD STATUS OR NOT CLASS 'class'

Explanation: No files in your reader have the same class as the virtual reader, or if they have the same class, they are in HOLD status (they have a USER, SYS, or USYS value for the HOLD field in RDRLIST).

System Action: RC = 28
Execution of the command is terminated.

User Action: To PEEK or RECEIVE a file that is not held or is not the same class as your virtual reader, specify the spoolid in the command, for example, "PEEK spoolid" or "RECEIVE spoolid...". You can also use the CP CHANGE command to change the spool file to NOHOLD or the class of the file to be the same as the reader class.

645W

THE USER TAG NAME 'name' IS TOO LONG TO DISPLAY IN THE PANEL

Explanation: Only the first 12 characters of a user-defined tag name can be displayed in the NAMES panel.

System Action: None.

User Action: An entry is displayed with tag names truncated to 12. If you change this entry using the panel, the tag names will also be truncated in the file. Therefore, if you want to have tag names greater than 12 characters, edit the names file directly instead of using the panel.

646E

'macroname' MUST BE INVOKED FROM THE PREFIX AREA

Explanation: A prefix macro was invoked from the command line and not from the prefix area.

System Action: RC=8

User Response: None.

647E

USERID NOT SPECIFIED FOR 'nickname' IN 'Userid NAMES' FILE

Explanation: The entry for the nickname specified does not contain a value for the Userid tag; therefore, communication with this user is impossible.

System Action: RC=32

Execution of the command is terminated.

User Action: Reissue the command substituting the user's userid in place of the nickname, or use the NAMES command to insert the userid in that entry.

648E

USERID 'name' NOT FOUND. {NO {MESSAGE|FILE} HAS BEEN SENT|CHECK THE 'Userid NAMES' FILE}

Explanation: The specified userid or the value for the userid tag for the specified 'name' was not a valid userid.

System Action: RC=32

Execution of the command is terminated.

User Action: Validate the value for the userid and insert it correctly into the NAMES file or reissue the command with the correct userid.

649E

EXTRANEIOUS PARAMETER 'parameter'

Explanation: There were more operands specified that the command issued will accept.

System Action: RC=24

Execution of the command is terminated.

User Action: Check the correct format of the command and reissue the command.

650E

INVALID SPOOLID 'nnnn'

Explanation: The value representing the spoolid was not a valid spoolid number.

System Action: RC = 20

User Action: Reissue the command with a valid spoolid.

651E

{'option'|'command'} MUST BE ISSUED FROM environment(s)

Explanation: The command is valid only in certain environments and is not executed otherwise.

System Action: RC = 40

User Action: To execute this command or use this option you must first issue the necessary command to enter the required environment.

652E

MISSING OPERAND(S). ENTER EXECUTE [n] DISCARD

Explanation: DISCARD was issued without the correct operands. If you use the EXECUTE subcommand to issue DISCARD, the correct operands will be appended automatically.

System Action: RC = 24

User Action: On a display terminal, enter DISCARD in the command area on the lines that contain the files to be discarded and press PF10. Otherwise, enter EXECUTE [n] DISCARD on the command line to discard n files (the default is one), starting with the fileid displayed on the current line.

653E

**ERROR EXECUTING 'command', RC = nn NO
{MESSAGE|FILE|NOTE} HAS BEEN {SENT|CREATED|RECEIVED}**

Explanation: An error was encountered while executing the specified command.

System Action: RC = 40
Processing is terminated.

User Action: Check the return code for the command shown in the message to better identify the problem.

654E

**INVALID SYMBOL 'string' {'/' MUST BE SPECIFIED
ALONE|INVALID CHARACTER 'char' FOLLOWING '/' SYMBOL}**

Explanation: The EXECUTE subcommand was invoked with invalid symbols specified in the command.

System Action: RC = 24
The command is not executed.

User Action: Reenter the command(s) using valid symbols.

655E

SPOOLID 'nnnn' DOES NOT EXIST

Explanation: There is no spool file with this spoolid number in your virtual reader.

System Action: RC=28
The command is not executed.

User Action: None.

656E

ERROR SEARCHING YOUR NAMES FILE, RC=nn FROM NAMEFIND COMMAND

Explanation: An error was encountered while searching through your 'Userid NAMES' file.

System Action: RC=100
The search was terminated unsuccessfully.

User Action: Check the return codes for the NAMEFIND command to better identify the problem.

657E

UNDEFINED PFKEY/PAKEY

Explanation: A PF or PA key that has no function assigned to it was pressed.

System Action: None.

User Action: None.

658W

THE VALUE FOR THE 'tag' TAG IS TOO LONG TO DISPLAY IN THE PANEL

Explanation: The value for the specified tag is too long to fit onto the panel; therefore, only part of it is displayed. If this value is changed it will be truncated in the NAMES file.

System Action: Only part of the value is displayed in the panel.

User Action: If you change this entry using the panel, the tag values will also be truncated in the file. Therefore, if you want to have tag values longer than the space allowed on the panel, edit the names file directly instead of using the panel.

659E

INVALID PREFIX SUBCOMMAND: nnnn

Explanation: A prefix subcommand or macro was issued with invalid or extraneous operands.

System Action: The macro or subcommand is redisplayed in the prefix area preceded by a "?."

User Response: Correct and reissue the macro or subcommand.

660E

THE NICKNAME FIELD MUST BE FILLED IN

Explanation: All entries in the NAMES file must have a NICKNAME tag to indicate the beginning of the entry. If this field is blank, the entry will not be accepted from the panel.

System Action: The function is not executed.

User Action: Fill in the value for the nickname.

660W

WARNING: THIS ENTRY DUPLICATES AN EXISTING NICKNAME

Explanation: An entry has been added or changed, and the nickname now duplicates an entry (or entries) already in the NAMES file. This entry can no longer be identified uniquely by its nickname tag. Since the CMS commands (NOTE, SENDFILE, and TELL) that search the 'Userid NAMES' file often search based on the nickname tag, only the first entry that begins with this nickname will be used.

System Action: None.

User Action: You may wish to change the nickname value and press PF6 to ensure that this entry can be uniquely identified by the CMS commands that reference the 'Userid NAMES' file. Also, by pressing PF5 repeatedly you can locate all the entries that have this nickname and then decide which nicknames that you wish to change.

661E

PREFIX 'name' IS INVALID FOR THE LINE ON WHICH IT WAS ENTERED.

Explanation: A prefix subcommand or macro was issued on a line in the file that was invalid for the execution of that subcommand or macro. For example, most prefix subcommands and macros are invalid on shadow lines. Also, if an F or P was specified as the target for a MOVE prefix subcommand and they were entered on a line within the lines being MOVED, this message is issued. If an EXTEND prefix subcommand was issued on a line that cannot be EXTENDED, this message is issued.

System Action: The macro or subcommand is redisplayed in the prefix area, preceded by a "?."

User Response: None.

662W

YOU ARE NOT ON AN ENTRY. PRESS PF5, 7 or 8 TO MOVE TO AN ENTRY

Explanation: The command issued was not executed because you were not positioned on an entry in the file.

System Action: None.

User Action: Use a PF key to move to an entry.

663W

THERE {IS|ARE} nn UNDISPLAYED TAG(S)

Explanation: This entry contains 'nn' more tags than can be displayed in the panel.

System Action: None.

User Action: If the entry is deleted, the undisplayed values are also deleted. If the entry is changed, the undisplayed tags are not changed. To change these tags you must edit the 'userid NAMES' file.

664E

{ENTRY|PREVIOUS ENTRY|NEXT ENTRY} NOT FOUND

Explanation: PF5, 7 or 8 was pressed and the search failed to find an entry.

System Action: None.

User Action: None.

665E

FILE 'userid NOTE *' NOT FOUND. TO BEGIN A NEW NOTE ENTER 'NOTE name'

Explanation: The NOTE command was issued without any operands, which is the correct procedure when you want to continue an existing NOTE. However, no NOTE was found.

System Action: RC=28

User Action: Specify a name (or names) following the command name.

666E

NOTE ALREADY EXISTS. ENTER 'NOTE' TO CONTINUE OR SPECIFY 'REPLACE' OPTION

Explanation: The NOTE command was issued with a name or names following the command. However, a NOTE already exists. You can process only one NOTE at a time.

System Action: RC=28

User Action: You can either specify NOTE with no operands to finish processing the existing note, or you can reissue the command and specify the REPLACE option, which discards the existing note and begins a new one.

667E

NOTE HEADER DOES NOT CONTAIN THE {KEYWORD { 'FROM'|'TO'|'OPTIONS'|'DATE LINE}}

Explanation: The NOTE header must have a line that contains the options, a line containing the date, a line indicating the sender of the note, and a line indicating the recipients. These lines are denoted by the keywords "OPTIONS:", "DATE:", "FROM:" and "TO:", respectively, beginning in column one of these lines. If these lines are not present, the NOTE has an invalid format and cannot be sent using the NOTE option of SENDFILE.

System Action: RC=32
Processing terminates.

User Action: Correct the format of the header lines.

668E

THE 'ADD' OPTION MUST BE SPECIFIED ALONE

Explanation: No other options are valid when the ADD option is specified.

System Action: RC = 40
Processing terminates.

User Action: Reissue the command using only the ADD option.

669E

LIST OF ADDRESSEES CANNOT BEGIN WITH 'CC:'

Explanation: 'CC:' is used to denote a list of complimentary copy recipients and cannot be the first addressee of a NOTE.

System Action: RC = 24
Processing terminates.

User Action: Reissue the command, with the addressee preceding the 'CC:' recipients.

670E

NO NAMES TO BE ADDED WERE SPECIFIED

Explanation: The ADD option was specified without any names to be added.

System Action: RC = 24
Processing terminates.

User Action: Reissue the command, specifying the names to be added with the ADD option.

671E

**ERROR {SENDING|RECEIVING|CREATING} FILE 'fn ft fm' RC = xx
FROM 'command'**

Explanation: An error occurred while attempting to send, receive, or create a file.

System Action: RC = 100

User Action: To further identify the problem, check the return code specified in the message for the command that encountered the error.

672E

VIRTUAL {PUNCH|READER} INVALID OR NOTE DEFINED

Explanation: The specified device was not defined at the correct virtual address. The virtual reader must be defined at the virtual address 00C and the virtual punch must be defined at 00D in order for the command issued to function properly.

System Action: RC = 32

User Action: Use the CP DEFINE command to define the device at the proper address. Then reissue the command.

673E

ADDRESSEES ARE IN THE NOTE HEADER RECORDS, DO NOT SPECIFY NAMES WITH THE NOTE OPTION

Explanation: The NOTE option of the SENDFILE command was issued with a name or names of people who were to receive the file. However, the recipients of the NOTE being sent should be contained in the NOTE header records; the names specified on the command line are extraneous.

System Action: RC = 24

User Action: Check that the proper addressees are contained in the NOTE header and reissue the command without specifying any addresses.

674E

{READER|PUNCH} NOT READY

Explanation: The command issued requires that the device specified have a READY status associated with it.

System Action: RC = 36

User Action: Use the CP READY command to change the status of the virtual device. Then reissue the command.

675E

NO NAMES SPECIFIED

Explanation: The SENDFILE command requires that you specify the name(s) of the recipient(s) of the files (unless the file is a NOTE).

System Action: RC = 24

User Action: Reissue the command, specifying the name(s) of the recipient(s).

676E

INVALID CHARACTER '*' FOR NETWORK ID

Explanation: SENDFILE is attempting to send a file to another node, which should be connected to your computer via an RSCS machine. However, the RSCS ID (or NETWORK ID) has the value '*', which is not a valid ID.

System Action: RC = 20

User Action: There is evidently a problem with the 'SYSTEM NETID *' file. This file should contain information about the Network ID. For more information about this file, see the description in the IDENTIFY command. Contact your system support personnel. The person responsible for building your system is responsible for maintaining this file.

677E

INVALID OPTION 'option' IN OPTIONS LINE

Explanation: The OPTIONS line in the NOTE header records contains an option that is invalid or not in the correct position. The five options on the line following the keyword 'OPTIONS:' are expected to contain specific values and be in the correct order.

System Action: RC = 32

User Action: Check the format of the options line as described in the NOTE command description and correct the invalid option and/or make sure

that the order in which the options appear on the line agrees with the order in the NOTE command description.

678E

INVALID NOTE HEADER FORMAT. NOTE CANNOT BE SENT

Explanation: The SENDFILE command was unable to send the NOTE because the format of the addressees in the NOTE was not what the SENDFILE expected. Depending on the value of the format option (LONG or SHORT) in the 'OPTIONS' line of the NOTE, SENDFILE expects the addressees to have certain formats. If the LONG option was specified, each line must contain one addressee that can be identified in the form "Userid AT Node". If the SHORT format is specified, everything following the "TO:" keyword is an addressee in the form "Userid" or "Userid AT Node".

System Action: RC = 32

User Action: If the header format is incorrect, try to correct the format of the addressees. Check the description of the NOTE header format (which depends on the LONG and SHORT options) in the description of the NOTE command.

679E

{DISK 'mode' IS READ/ONLY|DISK 'mode' IS FULL|DISK 'mode' IS NOT ACCESSED}. NOTE CANNOT BE SENT

Explanation: For the reason specified in the message, the SENDFILE command was unable to send the NOTE. In order to send the NOTE, SENDFILE must first save the NOTE on a disk. It cannot do this if the disk is full or if the disk has read/only access.

System Action: RC = 36
The note is not sent.

User Action: If the disk is full, try to make some space available by erasing any unwanted files. If the disk is accessed read only, use the CMS ACCESS command to access the disk for read/write capability; or change the filemode to one that is a read/write disk (you can use the System Product Editor subcommand "SET FMODE mode" to do this).

680E

INVALID FILEID SPECIFIED WITH THE 'FILELIST' OPTION

Explanation: The FILELIST option is used to indicate that the file identified as 'fn ft fn' actually contains a list of files to be processed by the command. If the FILELIST option is specified, no pattern matching characters (* or %) may appear in the fileid.

System Action: RC = 20

User Action: Do not use the FILELIST option, or specify the complete fileid of the file that contains the list of files to be processed.

681E

THIS IS AN UNNAMED FILE, SPECIFY FILENAME AND FILETYPE

Explanation: The spool file being received has no fileid. It must have a filename and filetype in order to be identified.

System Action: RC = 88

User Action: Reissue the command, specifying a filename filetype. See the RECEIVE command description for more information on the command format.

682E

ERROR COPYING FILE 'fn ft' FROM 'A' DISK TO {'fn ft fm'}{'mode' DISK}, RC = nn FROM 'COPYFILE'

Explanation: The file was sent using the DISK DUMP command and had to be read onto the A-disk using the DISK LOAD command. At that point the RECEIVE command attempted to use COPYFILE to copy the file from the A-disk to the disk specified in the error message. However, the COPYFILE command failed to execute and returned the specified return code.

System Action: RC = 100

User Action: See the description of the COPYFILE command for more information about the return code. The file specified in the error message is still on your A-disk and you can do with it as you want. If there was a file with the same fileid on your A-disk before RECEIVE was issued, the original file is renamed "\$A\$A\$A\$A \$B\$B\$B\$B A". Take the proper actions to restore the files to the fileid you want.

683E

THE ENTIRE FILE MUST BE PEEKED AT TO BE REFORMATTED

Explanation: The PEEK command reformats spool files that are in DISK DUMP or NETDATA transmission formats to make them more readable. To do this, the user must PEEK at the entire spool file. The default for PEEK is to peek at the first 200 records in a spool file.

System Action: RC = 32
The file is not reformatted.

User Action: If you want to look at the file reformatted, reissue the PEEK command using the FOR and FROM options. To PEEK at the entire file, use "PEEK spoolid (FROM 1 for *). You can change the default options of PEEK (originally FROM 1 FOR 200) by using the DEFAULTS command.

683W

THE FILE HAS AN LRECL GREATER THAN 255 and CANNOT BE REFORMATTED

Explanation: The PEEK command cannot reformat a file whose logical record length is greater than 255.

System Action: RC = 32
The file is not reformatted.

User Action: This file cannot be peeked at in readable form. Use RECEIVE to read the file in.

684E

FILE CONTAINS INVALID RECORDS AND CANNOT BE REFORMATTED

Explanation: The spool file contains records that PEEK does not recognize as the correct format for DISK DUMP or NETDATA format files.

System Action: RC = 32
The file is not formatted.

User Action: None

684W

WARNING: THIS FILE HAS NO RECORDS

Explanation: A file, sent from an MVS system in NETDATA format, contains no data records. It is a null file and there are no records to PEEK at.

System Action: RC = 32
An empty file is displayed by PEEK.

User Action: None.

685E

JOINED LINE(S) EXCEED ZONE SETTINGS

Explanation: The first character of the joined line did not fit within the zone.

System Action: RC = 5
The subcommand is not executed.

User Response: Change the zone setting and reissue the JOIN subcommand.

686E

SYNONYM 'name' NOT RECOGNIZED BY PREFIX MACRO 'macroname'

Explanation: A prefix macro was issued using a synonym that cannot be recognized by the prefix macro.

System Action: The prefix area is redisplayed preceded by a "?."

User Response: Use the system-defined synonyms for that macro.

687E

THIS IS A SYSTEM {HELD|DUMP} FILE. THIS FILE CANNOT BE {PEEKED AT|RECEIVED}

Explanation: A file in your reader has a SYSTEM hold on it (status SYS or USYS) or is a system dump and as such cannot be received or peeked at.

System Action: RC = 1

User Action: If the file is SYSTEM HELD, request that the operator change the spool file status to NOHOLD. If the file is a SYSTEM dump file, refer to the documentation for the VMDUMP and VMFDUMP commands.

688E

'XEDIT' OPTION ONLY VALID FROM XEDIT ENVIRONMENT

Explanation: The LISTFILE, NAMEFIND, or DMSDDL command was issued with the XEDIT option, but the command was not issued from the XEDIT environment.

System Action: The command is not executed.

User Response: Reissue the command from the XEDIT environment.

689E

FILE MUST BE F-FORMAT 108 OR V-FORMAT

Explanation: The LISTFILE command was issued with the XEDIT option, but the file where the information was to be placed was not in the correct format. The correct format is either fixed-format with a LRECL of 108 or variable format.

System Action: The command is not executed.

User Response: Correct the format of the file and reissue the command.

690E

{PROPCHK|HOSTCHK} NOT SPECIFIED IN RTABLE

Explanation: A request is received to set node-checking ON or OFF for a routing table that has no PROPCHK or HOSTCHK statements. (Sent by the programmable operator SET node-checking command handler.)

System Action: The operation is not performed.

User Response: Check the routing table contents.

691I

VMDUMP TAKEN, PROP WILL IPL CMS

Explanation: An abend occurs in the programmable operator facility mainline. (Sent following DMSPOQ148T.)

System Action: The programmable operator facility closes all files, issues the CP VMDUMP command, and IPLs the last CMS system that was IPLed.

User Response: Note the error and contact system support personnel.

692I

ACTION ROUTINE 'name' ABENDED, PROP CONTINUING

Explanation: An abend occurs in an action routine. (Sent following DMSPOQ148T.)

System Action: The programmable operator continues operation.

User Response: For a system action routine, note the error and contact system support personnel. For a user action routine, correct the action routine.

693E

MISSING 'statement' STATEMENT IN RTABLE

Explanation: An LGLOPR or ROUTE statement is missing from the RTABLE.

System Action: The programmable operator facility terminates.

User Response: Correct the RTABLE and reload it or reinvoke the programmable operator facility.

694E

MORE THAN ONE 'statement' STATEMENT IN RTABLE

Explanation: More than one of the following statements is detected in the RTABLE: LGLOPR, TEXTSYM, LOGGING, or HOSTCHK.

System Action: The programmable operator facility terminates.

User Response: Correct the RTABLE, and reload it or reinvoke the programmable operator facility.

695E

CANNOT DEFINE MORE THAN 64 CTLCHARS

Explanation: An attempt was made to define new CTLCHARs when there were already 64 CTLCHARs defined.

System Action: RC=4
The subcommand is not executed.

User Response: You can redefine the existing CTLCHARs, but you cannot add any more new ones.

697E

THE LOGICAL SCREENS MUST COVER THE FULL PHYSICAL SCREEN WIDTH.

Explanation: A SCREEN WIDTH or SCREEN DEFINE subcommand was issued that did not account for the entire physical screen width.

System Action: RC=5
The subcommand is not executed.

User Response: Reissue the SET SCREEN subcommand and be sure to account for all the columns on the screen.

698E

TARGET STRING TOO LONG, UNABLE TO PARSE THE ENTIRE TARGET STRING.

Explanation: The parsed target was too large for the buffer available for parsing.

System Action: RC=5
The subcommand is not executed.

User Response: Reduce the length of the target string and reissue the subcommand.

699E

NO FILETYPE SPECIFIED OR 'vaddr' IS AN INVALID DISK ADDRESS

Explanation: The command requires that you specify a filetype or a valid hexadecimal disk address.

System Action: Execution of the command is terminated. The system status remains the same.

User Response: Reenter the command, specifying the filetype or the valid hexadecimal disk address.

700E

LOGICAL AND OPERATOR '&' NOT VALID FOR COLUMN TARGETS

Explanation: The logical AND operator, '&', is only valid for line targets. It is not valid for column targets.

System Action: RC=5
The subcommand is not executed.

User Response: Redefine the target string and reissue the subcommand.

701I

NULL FILE

Explanation: There were no records in the file.

For DMSRDC, two READ control cards were encountered, but there were no cards available to be placed in the first file.

For DMSTPE, an end-of-CMS-file record was found, but there were no other records in the file.

System Action: Processing continues.

User Response: If records were expected, the file should be resubmitted.

702I

:READ fn ft fm

Explanation: This message is displayed for every READ control card encountered during a READCARD operation. When there are no READ control cards, the following messages are displayed:

READ CONTROL CARD IS MISSING. FOLLOWING ASSUMED:
:READ READCARD CMSUT1 A1

This indicates that the file is read in as READCARD CMSUT1 A1.

System Action: Processing continues.

User Response: If the file has been read in as READCARD CMSUT1 A1, rename it to a desired fileid.

703I

FILE 'fn ft [fm]' {COPIED|CREATED}

Explanation: The named file has been copied from tape to disk, or a file was created after issuing the STATUS macro.

System Action: For FILE 'fn ft fm' COPIED: None.

For FILE 'fn ft fm' CREATED: A file containing the SET subcommand options and their current settings is created.

User Response: None.

704I

INVALID CLEAR REQUEST

Explanation: A CLEAR request was entered for a file definition that does not exist. No action took place.

System Action: None.

User Response: Correct the file definition specified in the CLEAR request.

705I

DISK REMAINS UNCHANGED

Explanation: The reply to DMSFOR605R was not "yes".

System Action: None. The disk remains unchanged.

User Response: Enter the next command.

706I

TERM INPUT -- TYPE NULL LINE FOR END OF DATA

Explanation: The input ddname in the MOVEFILE command refers to a terminal. This message requests the input data to be copied to the output device or file.

System Action: The system waits for a response.

User Response: Enter data or a null line.

707I

TEN FILES COPIED

Explanation: Ten members have been copied from tape to disk as a result of the MAXTEN option.

System Action: None.

User Response: None.

708I

DISK FILE 'FILE ddname A1' ASSUMED FOR DDNAME 'ddname'

Explanation: No FILEDEF command was issued for a ddname specified in the MOVEFILE command. As a result, the MOVEFILE command issues a FILEDEF for that ddname.

If this is the input ddname, the disk file must exist on disk. The blocksize and record format are taken from the characteristics of the input disk file.

If this is the output ddname, the disk file is created on the A-disk. Its characteristics depend on the format of the input file.

System Action: Processing continues.

User Response: None.

709E

PROPCHK NOT SPECIFIED IN RTABLE FOR NODE 'nodeid'

Explanation: A request is received to set node-checking ON or OFF for a node that is not specified in the RTABLE. (Sent by the programmable operator SET PROPCHK command handler.)

System Action: The operation is not performed.

User Response: Enter the correct nodeid or check the RTABLE contents.

- 710I** **PHASE 'phase' ENTRY POINT AT LOCATION xxxxxx**
- Explanation:** The phase entry point is located at location xxxxxx.
- System Action:** None.
- User Response:** Issue the *START* command to begin execution.
- 711I** **NO SYSTEM SYNONYMS IN EFFECT**
- Explanation:** No system synonyms are in effect because you previously issued a *SYNONYM* command with *NOSTD* specified as an option.
- System Action:** None.
- User Response:** If you want to have system synonyms in effect, issue the *SYNONYM* command with the *STD* option.
- 712I** **NO SYNONYMS. (DMSINA NOT IN NUCLEUS)**
- Explanation:** The routine that handles synonym processing is not in this system; therefore, no synonyms are in effect.
- System Action:** None.
- User Response:** None.
- 713E** **CANNOT CONNECT TO MESSAGE SYSTEM SERVICE, CMSIUCV ERROR, CODE = code**
- Explanation:** This message is sent by the programmable operator facility initialization routine when a request to *CONNECT* to Message Service results in a non-zero return code from the *CMSIUCV* function.
- System Action:** The programmable operator facility terminates.
- User Response:** Refer to the *IBM VM/SP CMS Command and Macro Reference* to determine the meaning of the code. If the problem cannot readily be corrected, IPL the CMS system again. If the problem persists, contact system support personnel.
- 714E** **CANNOT CONNECT TO MESSAGE SYSTEM SERVICE, SERVICE ALREADY IN USE**
- Explanation:** IUCV has denied the programmable operator facility's request to *CONNECT* to Message Service. For example, the programmable operator virtual machine already has a connection to the message service. (Sent by the programmable operator initialization routine.)
- System Action:** The programmable operator facility terminates.
- User Response:** Terminate the application that is using the Message Service. If that cannot be done, IPL the CMS system again. If the problem persists, contact system support personnel.

715I

DOSGEN COMPLETE

Explanation: The CMS text decks have been successfully loaded into the discontinuous shared segment and the CP SAVESYS command has been issued to save the system.

System Action: None.

User Response: None.

721I

COPY 'fn ft fm' [{TO|APPEND|OVLY} 'fn ft fm' {OLD|NEW} FILE]

Explanation: This message appears in conjunction with the TYPE option. It indicates the name of the input file and output file.

System Action: None.

User Response: None.

722I

FILE 'fname2 LISTING fm' WILL HOLD AMSERV OUTPUT

Explanation: The Access Method Services output will be placed on the given disk (other than the user's A-Disk). This information message is omitted if the output file is placed on the user's read/write A-disk.

System Action: Processing continues.

User Response: None.

723I

mode (vaddr) {R/O|R/W} [-OS|-DOS]

Explanation: The specified CMS-formatted disk is accessed in read-only mode. -OS indicates the disk is OS-formatted. -DOS indicates the disk is DOS-formatted.

Note: A read/write OS or DOS disk can be written on only by VSAM.

System Action: Processing continues.

User Response: None.

724I

'vaddr' REPLACES 'mode (vaddr)'

Explanation: The disk that was accessed replaces the disk specified in the search order. The disk it replaces is released, but is not detached.

System Action: Processing continues.

User Response: None.

725I

vaddr ALSO = 'mode' [-OS|-DOS] DISK

Explanation: The specified disk is also accessed as the 'mode' disk. The -OS indicates that the disk is an OS disk; The -DOS indicates that the disk is a DOS disk.

System Action: Processing continues.

User Response: None.

- 726I** **'vaddr mode' RELEASED**
- Explanation:** The specified device has been released since the user has specified another disk for that mode.
- System Action:** Processing continues.
- User Response:** None.
- 728I** **DEBUG ENTERED [EXTERNAL INT|BREAKPOINT nn AT xxxxxx]**
- Explanation:** The system has entered the DEBUG environment. For a full description of DEBUG, see the *VM/SP CMS User's Guide* and the *VM/SP CMS Command and Macro Reference*.
- System Action:** The system waits for the next command.
- User Response:** Enter a DEBUG subcommand.
- 732I** **'nnn' {CYLINDERS|FB-512 BLOCKS} FORMATTED ON DISK**
'mode(vaddr)'
- Explanation:** This message tells you how many cylinders or FB-512 blocks have been formatted on the specified disk.
- System Action:** Processing continues.
- User Response:** None.
- 733I** **FORMATTING DISK 'mode'**
- Explanation:** The FORMAT command is formatting the specified disk.
- System Action:** Processing continues.
- User Response:** None.
- 738I** **RECORD LENGTH IS 'nnn' BYTES**
- Explanation:** The message indicates the length of records read in when it is not 80 bytes.
- System Action:** Processing continues.
- User Response:** None.
- 740I** **EXECUTION BEGINS ...**
- Explanation:** The user has requested execution of a program under CMS.
- System Action:** The program has been prepared for execution by the CMS loader and control is now passed to the program.
- User Response:** None.

750I

ZAP PROCESSING COMPLETE

Explanation: An END control record was encountered and processing is terminated.

System Action: All files are closed and control returns to CMS.

User Response: None.

751I

MEMBER 'name' FOUND IN LIBRARY 'libname'

Explanation: If more than one LOADLIB or TXTLIB was specified, this message tells you which library the member was found in.

System Action: Processing continues.

User Response: None.

777S

DOS PARTITION TOO SMALL TO ACCOMMODATE FETCH REQUEST

Explanation: The virtual DOS partition is too small to accommodate the FETCH request. If the module or phase requested were fetched into user storage, it would exceed PPEND.

System Action: RC = 104
Execution of the command is terminated.

User Response: Redefine the size of the virtual partition using the SET DOSPART command and reissue the command. Note that redefining the partition size causes storage to be reinitialized, and therefore any previous loads or fetches must be reissued.

778E

OPEN ERROR ON ddname: POSSIBLE VOLUME ERROR. SEE VSE/VSAM DOCUMENTATION FOR OPEN ERROR CODE code

Explanation: The call to VSE/VSAM results in an error code indicating that a problem could exist with the volume on which the file resides.

System Action: Your program is terminated with an ABEND 35.

User Response: None.

779E

OPEN ERROR ON ddname: POSSIBLE USER PROGRAMMING ERROR. SEE VSE/VSAM DOCUMENTATION FOR OPEN ERROR CODE code

Explanation: The call to VSE/VSAM results in an error code indicating that an error in processing occurred due to an error in your program.

System Action: Your program is terminated with an ABEND 35.

User Response: None.

- 780E** **OPEN ERROR ON ddname: POSSIBLE DLBL/EXTENT ERROR. SEE VSE/VSAM DOCUMENTATION FOR OPEN ERROR CODE code**
- Explanation:** The call to VSE/VSAM results in an error code indicating that an error occurred in processing the DLBL/EXTENT information you supplied.
- System Action:** Your program is terminated with an ABEND 35.
- User Response:** None.
- 781E** **OPEN ERROR ON ddname: POSSIBLE CATALOG ERROR. SEE VSE/VSAM DOCUMENTATION FOR OPEN ERROR CODE code**
- Explanation:** The call to VSE/VSAM results in an error code indicating that an error exists in the specified catalog.
- System Action:** Your program is terminated with an ABEND 35.
- User Response:** None.
- 782E** **OPEN ERROR ON ddname: POSSIBLE SYSTEM ERROR. SEE VSE/VSAM DOCUMENTATION FOR OPEN ERROR CODE code**
- Explanation:** The call to VSE/VSAM results in an error code indicating that there is a serious error in CMS or in CMS/DOS, making continued processing of the application unwise.
- System Action:** Your program is terminated with an ABEND 35, except for error code 34, in which case your program is terminated but an ABEND is not issued.
- User Response:** None.
- 783E** **CLOSE ERROR ON ddname: POSSIBLE USER PROGRAMMING ERROR. SEE VSE/VSAM DOCUMENTATION FOR OPEN ERROR CODE code**
- Explanation:** The call to VSE/VSAM results in an error code indicating that an error in processing occurred due to an error in your program.
- System Action:** Your program is terminated with an ABEND 35.
- User Response:** None.
- 784E** **CLOSE ERROR ON ddname: POSSIBLE SYSTEM ERROR. SEE VSE/VSAM DOCUMENTATION FOR OPEN ERROR CODE code**
- Explanation:** The call to VSE/VSAM results in an error code indicating that there is a serious error in CMS or in CMS/DOS making continued processing of the application unwise.
- System Action:** Your program is terminated with an ABEND 35.
- User Response:** None.

785E

ERROR IN REQUEST MACRO PROCESSING: POSSIBLE USER PROGRAMMING ERROR. SEE VSE/VSAM ERROR CODE code, RETURN CODE code

Explanation: The call to VSE/VSAM results in an error code indicating that an error in processing occurred due to an error in your program.

System Action: Your program is terminated with an ABEND 35.

User Response: None.

786E

ERROR IN REQUEST MACRO PROCESSING: POSSIBLE SYSTEM ERROR. SEE VSE/VSAM ERROR CODE code, RETURN CODE code

Explanation: The call to VSE/VSAM results in an error code indicating that there is a serious error in CMS or in CMS/DOS making continued processing of the application unwise.

System Action: Your program is terminated with an ABEND 35.

User Response: None.

787E

ERROR DECOMPRESSING macro MACRO

Explanation: An error occurred in the routine that decompresses macros read in from tape. The reason may be that the macro is not in standard VSE compressed format.

System Action: VMDOS terminates processing of the macro, then goes on to process the next macro requested, or exits, if no more macros were requested.

User Response: Be sure that the tape is the compressed Source Statement Library tape.

788R

ARE THE MACROS TO BE READ FROM TAPE OR ARE THEY ALREADY ON DISK? REPLY (TAPE|DISK). IF A DEFAULT OF TAPE IS TO BE USED, PRESS "ENTER"

Explanation: The VSEVSAM EXEC asks you if the macros are on tape or on disk.

System Action: The system waits for a response.

User Response: Enter "DISK" if the macros are already on disk. If the macros are to be read from tape, press "ENTER".

789W

INVALID RESPONSE

Explanation: Your response to a query is not one of those expected by the VSEVSAM EXEC.

System Action: The system waits for you to enter another response. You have two chances to enter a proper response. If you are not successful on the second try, the VSEVSAM EXEC is exited.

User Response: Enter a response.

790R **IF THE DEFAULT LIBRARY NAME OF "VSEVSAM" IS TO BE USED, PRESS "ENTER". ELSE, ENTER THE NAME TO BE USED FOR THE LIBRARY**

Explanation: You must supply the library name to be used.

System Action: The system waits for a response.

User Response: Enter the library name to be used or just press "ENTER" to use the default library name of "VSEVSAM".

791I **THE LIBRARY NAME WILL BE "libname". PRESS "ENTER" TO CONTINUE, ELSE ENTER "QUIT" OR THE NAME WILL BE USED FOR THE LIBRARY**

Explanation: You can verify that the correct library name will be used. You have the opportunity to change the library name or to stop execution.

System Action: The system waits for a response.

User Response: If the library name is correct and you want to continue, just press "ENTER". If you want to use a different library name, enter the name you want to use.

792R **ARE THE MACROS TO BE ERASED FROM DISK? REPLY (YES|NO). PRESS "ENTER" FOR DEFAULT OF "YES"**

Explanation: Your response determines whether or not the macros will be erased.

System Action: The system waits for a response.

User Response: If you want to keep the macros on disk, enter "NO", otherwise, the macros are erased.

793I **MACLIB GENERATION COMPLETED**

Explanation: VSEVSAM issues this informational message to indicate to you that the macro library has been created.

System Action: None.

User Response: None.

794E **ERROR IN MACLIB GENERATION**

Explanation: An error occurred while using the MACLIB command to generate the VSEVSAM MACLIB.

System Action: The VSEVSAM EXEC is exited with Return Code = 04.

User Response: Issue the VSE VSAM EXEC again. Respond 'disk' to message DMSWVV788R. In response to message DMSWVV808R, press the ENTER key. If the problem persists, contact your system support personnel. There may be a problem with the MACLIB command or with the macros that are used to build the MACLIB.

795E

ERROR READING MACROS FROM TAPE

Explanation: An error occurred while using the VMFDOS module to read and decompress macros from the VSE/VSAM Optional Source Statement Library tape.

System Action: The VSEVSAM EXEC is exited with Return Code = 08.

User Response: Be sure that the correct tape (VSE/VSAM Optional Source Statement Library tape) is attached to your virtual machine as virtual 181. If the problem persists, contact your system support personnel.

796E

ERROR READING FROM "VSEVSAM SCAN" FILE

Explanation: An unexpected error code was returned by EXECIO while reading from the 'VSEVSAM SCAN' file.

System Action: The VSEVSAM EXEC is exited with Return Code = 12.

User Response: Issue the VSEVSAM EXEC again. Respond 'disk' to message DMSWVV788R. If the problem persists, contact your system support personnel.

797I

"QUIT" MAY BE ENTERED IN RESPONSE TO ANY QUERY TO END PROCESSING

Explanation: VSEVSAM issues this informational message to indicate that you can end processing by entering "QUIT" to any query.

System Action: None.

User Response: None.

798R

THE VSE/VSAM OPTIONAL SOURCE STATEMENT LIBRARY TAPE MUST BE MOUNTED AS VIRTUAL 181. IF IT IS NOT, ENTER "QUIT" HERE AND HAVE THE TAPE MOUNTED. ELSE PRESS "ENTER" TO CONTINUE

Explanation: VSE VSAM issues this message to remind you that you must have the VSE/VSAM Optional Source Statement Library tape mounted as virtual 181.

System Action: The system waits for a response.

User Response: If you do not have the VSE/VSAM Optional Source Statement Library tape mounted as virtual 181, then enter "QUIT" and have the tape mounted. Otherwise, just press "ENTER".

799E

ERROR READING FROM "VSEVSAM SCAN" FILE - ALL MACROS MAY NOT BE ERASED

Explanation: An unexpected error code was returned by EXECIO while reading from the "VSEVSAM SCAN" file. Since this occurred while the macros were being erased, and since the EXEC is exited when the error is encountered, all of the macros that were read in from tape may not have been erased before the EXEC was exited.

System Action: The VSEVSAM EXEC is exited with Return Code = 12.

User Response: The maclib has been successfully generated. You can use the CMS ERASE command to delete any files that were not successfully erased by the VSEVSAM EXEC.

800E

ONE OF THE FILES NEEDED FOR MACLIB GENERATION IS MISSING

Explanation: One of the files supplied with the VM/SP HPO Release system that is necessary to generate the "VSEVSAM MACLIB" is missing. It may be one of the following files: "OPEN MACRO", "OPENR MACRO", "CLOSE MACRO", "CLOSER MACRO", "CDLOAD MACRO", "GET MACRO", "PUT MACRO", or the "VSEVSAM SCAN" file.

System Action: The VSEVSAM EXEC is exited with Return Code = 02.

User Response: Be sure that the files listed in the above explanation are available on the system disk.

801I

ARGUMENTS ENTERED ARE IGNORED

Explanation: A parameter was specified on the 'VSEVSAM' command line. The VSEVSAM EXEC does not accept parameters.

System Action: Processing continues.

User Response: None.

802I

MACROS ERASED - VSEVSAM PROCESSING COMPLETE

Explanation: VSEVSAM issues this informational message to indicate to you that the macros have been erased.

System Action: None.

User Response: None.

803E

INVALID PARAMETER SPECIFICATION

Explanation: The format of either the catalog name or the password passed to CATCHCHECK is invalid. This might indicate that the catalog name or password is too long.

System Action: RC = 4

User Response: Refer to the CATCHCHECK documentation in the *VM/SP CMS Command and Macro Reference* for the correct format of a catalog name or password.

804S

ERROR ESTABLISHING CMS/DOS ENVIRONMENT

Explanation: An error occurred during storage initialization for the CMS/DOS environment. If you are an OS/VSAM user, this may also mean that an error occurred while doing a "SET DOS ON (VSAM)".

System Action: RC = 8

User Response: Issue the command again. If the problem persists, call your system support personnel.

805S

ERROR ASSIGNING OUTPUT TO PRINTER

Explanation: An error occurred while processing the "ASSGN SYSLST PRINTER" command issued to direct output to the printer.

System Action: RC = 12

User Response: Verify that your virtual printer is properly defined. Run your job again. If the problem persists, call your system support personnel.

806S

VSE/VSAM PHASE "IKQVCHK" NOT FOUND

Explanation: The CDLOAD SVC is not able to locate the VSE/VSAM Catalog Check Service Aid phase "IKQVCHK" in the CMS VSAM segments.

System Action: RC = 16

User Response: Verify that VSE/VSAM has been properly installed on your system. If the problem persists, call your system support personnel.

807S

ERROR ENCOUNTERED ISSUING ASSGN FOR CATALOG

Explanation: An attempt to issue an ASSGN for the non-CMS/DOS user for an IJSYSCT or IJSYSUC DLBL results in an error in the ASSGN routine.

System Action: RC = 20

User Response: Run your job again. If the problem persists, call your system support personnel.

808R

MACRO LIBRARY "libname" WILL BE ERASED. PRESS "ENTER" TO CONTINUE OR "QUIT" TO EXIT

Explanation: The VSEVSAM EXEC allows you to verify that the correct library is erased.

System Action: The system waits for a response.

User Response: If you want the macro to be erased press the enter key. Enter "QUIT" to exit the VSEVSAM EXEC.

809E

ERROR COPYING "VSEVSAM SCAN" FILE FROM S-DISK TO A-DISK

Explanation: If no "VSEVSAM SCAN" file is found on the user's A-disk, the VSEVSAM EXEC tries to copy the file from the S-disk to the user's A-disk. This is done because the VMFDOS module used to read the macros from tape expects the SCAN file to be on the A-disk.

System Action: "VSEVSAM EXEC" is exited with Return Code = 14.

User Response: Be sure that the 'VSEVSAM SCAN' file is on the S-disk.

825E

'CLEAR' IS VALID ONLY WHEN SPECIFIED BY ITSELF

Explanation: CLEAR, CLEARALL, CLEARIO, or CLEARMC was specified along with other parameters. This is prohibited. The CLEAR parameter must be specified by itself, with no reports requested. No report is printed.

System Action: RC = 12

Execution of the command is terminated. The system status remains the same. No clearing takes place. No report is printed.

User Response: Reissue the CPEREP command requesting the report without the CLEAR parameter. After the report is generated, issue CPEREP again with only the CLEAR parameter, or use the ZERO parameter with other parameters (where compatible) to generate a report followed by immediate clearing.

826E

EREP TXTLIBS NOT FOUND

Explanation: In attempting to search the EREP TXTLIBs, DMSIFC found that the pointer to the first TXTLIB contained zeros.

System Action: RC = 56

Execution of the command is terminated. The system status remains the same.

User Response: Issue a GLOBAL TXTLIB command listing the applicable EREP TXTLIBs in the proper search order. If no local libraries exist, the command should be:

```
GLOBAL TXTLIB ERPTFLIB EREPLIB
```

Reissue the CPEREP command. If the error persists, call your system support personnel.

828I

CPEREP ZERO OR CLEAR HAS BEEN COMPLETED

Explanation: CLEAR or ZERO was specified by the user or other parameters caused ZERO to be requested by default. The error recording cylinders have been erased, except that only the I/O error recording cylinder was erased if CLEARIO was specified; or only the machine and channel check error recording cylinder was erased if CLEARMC was specified.

System Action: RC = 0

Control returns to CMS.

User Response: None required.

829W

ATTEMPTED 'ZERO' WAS SUPPRESSED. REQUIRES PRIVILEGE CLASS F

Explanation: CLEAR or ZERO was specified by the user; or other parameters caused ZERO to be requested by default. The error recording cylinders were not erased because the user was not authorized. Only class F users have authorization to erase the error recording cylinders.

System Action: RC = 88 or RC = 0

If the CLEAR function failed, the return code will be 88. If the ZERO function failed, the return code will be 0. Reports (if requested) have already been generated. Control returns to CMS.

User Response: None required if ZERO was requested by mistake or default. If you need to erase the error recording cylinders, see your system support personnel to get a class F directory entry.

830E

I/O ERROR READING A BLOCK OF RECORDS FROM THE ERROR RECORDING CYLINDERS

Explanation: DMSREA, the CPEREP read module, encountered a permanent input/output error while attempting to read a 4K block of records from the error recording area. Probable hardware error.

System Action: RC = 60
Execution of the command is terminated. The system status remains the same.

User Response: Execute the DDR service program to obtain a dump of the error recording cylinder on which the input error occurred. Reconstruct the data on the error recording cylinders. If the reconstruction process is successful, initiate the CPEREP operation again. If the error recurs, call your system support personnel.

831E

MORE THAN 100 CHARS OF OPTIONS SPECIFIED

Explanation: The maximum number of characters that can be used to specify options for this command is 100. More than 100 characters were used.

System Action: RC = 62
Execution of the command is terminated. The system status remains the same.

User Response: Check the valid command options. Reissue the command using less than 100 characters to specify the options.

832S

SOFTWARE INCOMPATIBILITY AT THE CPEREP-EREP INTERFACE. CODE = nnn

Explanation: CPEREP is OS/VSE EREP running under CMS with CPEREP providing interface code between OS/VSE EREP and CMS. Some change has been made to OS/VSE EREP (via PTF, or a new release, etc.) that has made it incompatible with the interface provided by CPEREP.

Code	Meaning
1	An EXCP was attempted with a DCB other than that of the SYS1.LOGREC data set.
2	OS/VSE EREP is expected to use only one IOB and one channel program when it uses EXCP to access the SYS1.LOGREC data set. But it has attempted to use IOBs or channel programs at more than one location in storage.
3	The expected read/write command in the channel program for accessing SYS1.LOGREC contains an unexpected op code.
4	While reading error records (with EXCP) from (simulated) SYS1.LOGREC, OS/VSE EREP made an attempt to read nonsequentially prior to completion of the sequential reading phase.
5	An attempt was made to read record 2 of SYS1.LOGREC (the time stamp record), which CPEREP does not simulate.
6	The first EXCP to SYS1.LOGREC was not the expected read of the SYS1.LOGREC header record.
7	The channel program for accessing SYS1.LOGREC does not have the expected format.

Code	Meaning
8	An invalid disk address (CCHHR) was used while attempting to access SYS1.LOGREC.
9	There are no error records and yet OS/VS EREP attempted to read error records.
10	An invalid record length was encountered while reading SYS1.LOGREC. This may be due to error records being overlaid on the error cylinders.

System Action: RC = 104

Execution of the command is terminated with EREP message(s) IFC135I or IFC149I.

User Response: Reissue the command, or have your system programmer try it. If the problem persists, call your system support personnel.

901T

UNEXPECTED ERROR AT 'addr': PLIST 'plist fn ft fm' AT addr, BASE: addr, RC nn

Explanation: An unexpected error occurred in COPYFILE or LOADLIB processing. The "plist" indicates one of the following CMS functions: RDBUF, WRBUF, FINIS, ADTLKP, or RENAME. The return code "nn" indicates one of the following conditions:

'plist' = RDBUF

Code	Meaning
1	The file was not found.
2	The address of the buffer was not within virtual storage limits.
3	A permanent disk error occurred. This may occur if you link to and access another user's disk, and try to read a file that was refiled by its owner after you issued the ACCESS command. Reissue the ACCESS command and try to read the file again.
5	The number of records is less than 0 or greater than 32768.
7	The fixed/variable flag is not F or V.
8	The record read is longer than the buffer.
9	The specified file is open for writing; it must be closed and opened for reading.
11	The number of records is greater than 1 for a variable-length file.
12	The end of the file was reached.
13	An invalid displacement appears in the AFT for a variable-length file.
14	An invalid character appears in the filename.
15	An invalid character appears in the filetype.
25	Insufficient free storage available for file management
26	Requested item number is negative or item number plus number of items exceeds file system capacity.

'plist' = WRBUF

Code	Meaning
2	The virtual storage address equals zero.
4	The first character of the filemode is invalid.
5	The second character of the filemode is invalid.
6	The record number or number of records is too long.
7	An attempt was made to skip over an unwritten variable-length record.
8	The number of bytes was not specified.
10	The maximum number of CMS files (3400) was reached.
11	The fixed/variable flag is not F or V.

Code	Meaning
12	The disk is read-only.
13	The disk is full.
14	The number of bytes to be written is not integrally divisible by the number of records to be written.
15	The length of this record is not the same as that of the previous record.
16	The characteristic (F or V) is not the same as the previous record.
17	A variable-length record is greater than 65K bytes.
18	The number of records is greater than 1 for a variable-length file.
19	The maximum number of data blocks (16060) had been reached.
20	An invalid character appears in the filename.
21	An invalid character appears in the filetype.

'plist' = FINIS

Code	Meaning
6	The file is not open.

'plist' = ADTLKP

Code	Meaning
1	The matching ADT block was not found.

'plist' = RENAME

Code	Meaning
24	The mode is invalid, or the fileid is incomplete.
28	The file was not found, a new file already exists, fileids are identical, or the file is inactive.
36	The disk is not read/write.

System Action: RC = 256

Execution of the command is terminated. The system status remains the same, with the following exceptions:

- If the APPEND option was specified and the copying process began before the error was discovered, records have been appended to the output file.
- If the NEWFILE (the default), REPLACE, or OVLY option was specified, and the copying process began before the error was discovered, then COPYFILE CMSUT1, on the output disk, contains the records copied so far.
- If multiple-output-file mode, several output files may have been created before the error was discovered.

User Response: Refer to the "plist" parameter and the RC "nn" parameter to determine if an input/output error occurred. If it did, try to reissue the command. Otherwise, contact your system support personnel for assistance.

902T

IPL DEVICE READ I/O ERROR

Explanation: An uncorrectable I/O error occurred while reading a CMS nucleus.

System Action: The system enters a wait state.

User Response: Call your installation support personnel.

903T

IMPOSSIBLE PHASE CODE 'xx'

Explanation: A phase code larger than the maximum was detected during the file copying operation. This error should never occur.

System Action: RC = 256

Execution of the command is terminated. The system status remains the same, with the following exceptions:

- If the NEWFILE (the default), REPLACE, or OVLY option was specified, and the copying process began before the error was discovered, then COPYFILE CMSUT1, on the output disk, contains the records copied so far.
- In multiple output file mode, several output files may already have been created before the error was discovered.

User Response: Contact your system support personnel for assistance.

904T

UNEXPECTED UNPACK ERROR AT 'addr', BASE 'addr'

Explanation: An error condition was detected during the process of unpacking a file. Probably, the file was not in PACK format, or it was modified after it was packed.

System Action: RC = 256

Execution of the command is terminated. The system status remains the same, with the following exceptions for DMSCPY:

- If the NEWFILE (the default), REPLACE, or OVLY option was specified, and the copying process began before the error was discovered, then COPYFILE CMSUT1, on the output disk, contains the records copied so far.
- In multiple output file mode, several output files may have been created before the error was discovered.

User Response: Contact your installation support personnel for assistance.

905S

WRITE-INHIBIT SWITCH SET ON DRIVE ...NOTIFY OPERATOR

Explanation: CMS tried to write on a virtual disk that resides on a disk whose "write-inhibit" switch was set.

System Action: DMSDIO returns to caller with a code 6, "FILE IS READ-ONLY."

User Response: Notify the system operator to reset the switch; then IPL CMS again.

907T

I/O ERROR ON FILE 'fn ft fm'

Explanation: The system tried to close a file that had not been opened or could not find a file that should exist.

For DMSHLP, an error occurred while attempting to read from the requested HELP text file.

For DMSUTL, an attempt to obtain information about a member of the library resulted in a return code that indicated a permanent I/O error had occurred.

System Action: RC = 256

Execution of the command is terminated. For DMSLBM, the MACLIB condition is unpredictable.

User Response: For DMSLBM, issue MACLIB MAP to check the validity of the library name.

For DMSLIO, if the error is in a TXTLIB, check the integrity of the dictionary.

For DMSUTL, if the error is in a LOADLIB, check the integrity of the directory.

Reissue the command and if the problem persists, contact your installation support personnel.

908E

**FILE SYSTEM ERROR DETECTED. VIRTUAL ADDRESS 'cuu'
REASON CODE 'nn'**

Explanation: See the explanation of message 908T.

System Action: Execution of the command is terminated. Some I/O may have occurred on the disk. The status of the disk is unpredictable.

User Response: If data on the pack is still good, reissue the command. If the problem persists, contact your system support personnel.

908T

**FILE SYSTEM ERROR DETECTED. VIRTUAL ADDR 'vaddr'.
REASON CODE 'nn'**

Explanation: An error has been detected indicating that the CMS file system may have become disoriented with respect to the disk having virtual address 'vaddr'. 'nn' indicates the nature of the error; it may be one of the following:

Code Meaning

- | | |
|---|---|
| 3 | An error was detected in trying to read from or write on a disk. Probably the disk was detached (via the DETACH command) without having been released (via the RELEASE command), or the disk is an unsupported device. Error detected in module DMSDIO. A deallocation was attempted on a nonallocated DISK block, or a MARK operation was attempted on a block already allocated. The error was detected in DMSTRK, or a RDTRK/WRTRK operation was attempted to a DISK block number zero. The error was detected in module DMSDIO. |
| 4 | The cylinder number as calculated in CMS is not within range of user's disk, or an attempt was made to write on system disk (MODE=S). Error detected in module DMSDIO. A deallocation was attempted on a non-allocated disk block. The error was detected in DMSTRK. |
| 5 | The cylinder number received by the Control Program is not in the user's range or an attempt was made to access file record zero. Error detected in module DMSDIO. |
| 6 | An attempt was made to write on a read-only disk. Error detected in module DMSDIO. |

Code	Meaning
8	A channel programming error occurred. Error detected in module DMSDIO or a deallocation was attempted on a block outside the range of the DISK structure. The error was detected in module DMSTRK, or a RDTRK/WRTRK operation was attempted with a byte count of zero. The error was detected in module DMSDIO.
C	An I/O error occurred while writing the volume label to commit an ACCESS ERASE operation. The error was detected in DMSTRK.
13	An I/O error occurred during a RDTRK/WRTRK operation to an FB-512 device. The error was detected by DMSDIO.
18	A plist error was encountered during a truncate operation. The error was detected by DMSERS.
19	A storage error occurred during a truncate operation. The error was detected by DMSERS.
1C	The file or ADT for a truncate operation was not found. The error was detected by DMSERS.
24	The file to undergo truncation was located on a R/O disk. The error was detected by DMSERS.
25	A storage error occurred during a RDTR/WRTRK operation. The error was detected in module DMSDIO.
28	A FINIS error occurred during a truncate operation. The error was detected by DMSERS.
2C	Inconsistent V-Format pointers were detected during a truncate operation. The error was detected in module DMSERS.
41	No free block is available for allocation. Error detected in module DMSTRK. You may recover files from this disk if you access it as read-only and copy the desired files to another disk.
42	A parameter list error occurred. Error detected in module DMSTRK.
45	The cylinder number received by the Control Program is not in the user's range, or an attempt was made to access file record zero. Error detected in module DMSTRK.
81	No free block is available for allocation. Error detected in module DMSTQQ.
82	A parameter list error occurred. Error detected in module DMSTQQ.

System Action: The system enters a disabled wait state. The user file directory is not updated.

User Response: IPL CMS again. If data on the pack is still good, reissue the command. If the problem persists, contact your system support personnel.

909E

PERM I/O ERROR ON 'vaddr'. CSW ccccccc SENSE sssssss

Explanation: An uncorrectable I/O error has occurred on virtual device address 'vaddr'. The CSW bytes at the time of the error are indicated at the lowercase "c" positions and sense data appears at the lower "s" positions.

System Action: Execution of the command is terminated. Some I/O may have occurred on the disk. The status of the disk is unpredictable.

User Response: If data on the pack is still good, reissue the command. If the problem persists, contact your system support personnel.

909T

**PERM I/O ERROR ON 'vaddr'. CSW ccccccc ccccccc SENSE
ssssssss sssssssss sssssssss sssssssss sssssssss sssssssss.**

Explanation: An uncorrectable I/O error has occurred on virtual device address 'vaddr'. The CSW bytes at the time of the error are indicated at the lowercase "c" positions and sense data appears at the lowercase "s" positions.

System Action: The system enters a disabled wait state. The user file directory is not updated.

User Response: IPL CMS again. Reissue the command. If the problem persists, contact your system support personnel.

910T

**AN ERROR OCCURRED WHILE THE EXTERNAL INTERRUPT
HANDLER WAS TRYING TO SEVER IUCV PATH 'pathid', RE-IPL
CMS**

Explanation: A CMS internal error occurred in the External Interrupt Handler. IUCV returned an error when the CMS External Interrupt Handler was trying to SEVER a path.

System Action: The CMS system halts by loading a disabled wait state PSW.

User Response: If you wish to continue, use the CP command STORE PSW to turn off the wait state bit, leaving the address field unmodified; then, type BEGIN. Otherwise, IPL CMS again.

911E

**AN IUCV SEVER ERROR OCCURRED ON PATH 'pathid', IPRCODE =
'iprcode', SEVERING OF OTHER PATHS CONTINUES.**

Explanation: While CMS was trying to sever all of the IUCV paths for the program that issued the HNDIUCV CLR or CMSIUCV SEVER with CODE = ALL, a SEVER error occurred. This SEVER error indicates that although CMS recognized this path as being owned by the program, IUCV does not recognize the path as being a valid path for this virtual machine.

The probable cause for this error is that a program issued a CMSIUCV CONNECT or ACCEPT to establish the path and then issued an IUCV SEVER directly instead of using the CMSIUCV SEVER support.

System Action: RC = 1000 + IUCV IPRCODE CMS continues to SEVER any other paths that the issuing program owns and returns to the program after all paths have been severed.

User Response: Determine where the IUCV SEVER was issued directly and change it to a CMSIUCV SEVER.

951E

INVALID SVC nn. GAM/SP NOT INSTALLED

Explanation: The SVC was issued as the result of a program executing an I/O macro for a graphics device, that is, a device defined in a DCB with DSORG = GS. The SVC requires the use of the shared segment (CSMGAM) containing GAM/SP, but this segment could not be found.

System Action: Execution of the SVC is terminated, and control is returned to the program.

User Response:

1. If the attempted use of GAM/SP was intentional, ask a system programmer to ensure that GAM/SP is installed correctly.
2. If the program should not be attempting to use GAM/SP, that is, if it did not open a DCB with DSORG = GS, check whether the DCB has been unintentionally overwritten.

952E

VIRTUAL STORAGE SIZE TOO LARGE FOR 'CMSGAM' SHARED SEGMENT TO LOAD AT nnnnnn

Explanation: An attempt was made to load the shared segment (CMSGAM) that contains GAM/SP for use by an application program. The address at which the shared segment must be loaded is lower than the virtual machine's highest address. A shared segment can be loaded only at an address above the highest address in any virtual machine that uses it.

System Action: The shared segment is not loaded, and control is returned to the program.

User Response: Either ask the system programmer to redefine the address at which the shared segment is loaded, or define a smaller virtual machine using a CP DEFINE STORAGE command.

953E

'CMSGAM' SHARED SEGMENT ERROR. MODULE ADDRESS FOR SVC nn IS ZERO

Explanation: The SVC was issued as the result of a program executing an I/O macro for a graphics device, that is, a device defined in a DCB with DSORG = GS. The SVC requires the use of a shared segment (CMSGAM) containing GAM/SP. This segment includes a list of addresses of GAM/SP modules, and one of these was found to be zero.

System Action: Execution of the SVC is terminated, and control is returned to the program.

User Response: Ask a system programmer to ensure that GAM/SP is installed correctly.

954E

'CMSGAM' SHARED SEGMENT ERROR. IDENTIFIER INVALID FOR SVC nn

Explanation: The SVC was issued as the result of a program executing an I/O macro for a graphics device, that is, a device defined in a DCB with DSORG = GS. The SVC requires the used of a shared segment (CMSGAM) containing GAM/SP. This segment should contain a constant that identifies it as being the GAM/SP shared segment, but the constant could not be found.

System Action: Execution of the SVC is terminated, and control is returned to the program.

User Response: Ask a system programmer to check whether GAM/SP is installed correctly, and if so, whether the CMSGAM shared segment has been loaded but then overwritten.

955E

'CMSGAM' SHARED SEGMENT PAGING I/O ERRORS WITH cccccc

Explanation: An application program was using the shared segment (CMSGAM) containing GAM/SP when a paging error occurred in the shared segment. cccccc identifies the type of DIAGNOSE instruction that was being executed by GAM/SP when the error occurred: it is either FINDSYS or LOADSYS.

System Action: Control is returned to the program.

User Response: Ask a system programmer to correct the paging errors.

956E

INSUFFICIENT STORAGE FOR GAM/SP ANCHOR BLOCK

Explanation: An application program was using the shared segment (CMSGAM) containing GAM/SP. After being loaded, GAM/SP issued a DMSFREE macro to obtain storage in the user's virtual machine for a control block known as the anchor block. Insufficient storage was available.

System Action: Control is returned to the program.

User Response: Define a larger virtual machine using a CP DEFINE STORAGE command.

995E

UNABLE TO OBTAIN FREE STORAGE FOR DMSBOP PROCESSING. REDEFINE STORAGE SIZE.

Explanation: A program executing under CMSDOS tries to open a DTF. Not enough free storage was available to satisfy requests issued by the DMSBOP routine (OPEN). The DTF is not opened.

System Action: RC = 104

The program is cancelled.

System Action: RC = 104

User Response: Redefine the storage size of your virtual machine, or return free storage that is not required.

996E

NO LOGIC MODULE POINTER IN DTF FOR 'filename'

Explanation: A program executing under CMSDOS issued an OPEN for a DTF called 'filename'. Since the DTF is type SD, the program must pass the pointer to the logic module. OPEN checks the DTF for this pointer if the DTF device is not FB-512, and if the pointer is zero the DTF is not opened.

System Action: RC = 104

The program is cancelled.

User Response: Update the program to initialize the logic module pointer.

999E

NO ft PROCESSOR FOUND

Explanation: The processor module appropriate to the filetype was not found.

System Action: RC = 28

Execution of the command is terminated.

User Response: Correct the filetype and reissue the command.

CMS EDIT Messages

The following messages are issued by the CMS Editor in response to the EDIT command and its subcommands.

nnn LINE(S) CHANGED [, nnn LINE(S) TRUNCATED]

Explanation: A CHANGE subcommand caused nnn lines to be changed and/or nnn lines to be truncated.

__SAVED

Explanation: An automatic save (AUTOSAVE) was just performed on the file currently being edited.

AVAILABLE STORAGE IS NOW FULL

Explanation: The size of the file cannot be increased. Any attempt to add lines produces the message NO ROOM. Other commands are unaffected. Use the FILE subcommand to store what you have already edited on disk. To continue editing, you may temporarily increase the size of your virtual machine by issuing the CP command DEFINE, or split the file into two smaller ones.

EDIT:

Explanation: This message indicates entry to edit mode. During initialization, if the file identification specified in the EDIT command is found on disk, this is the first response; otherwise, the file is new and the message NEW FILE: precedes the message EDIT:. This message is also displayed:

- When you enter a null line in edit mode.
- When you return from CMS subset to edit mode.
- If verification is on when you enter a null line in input mode.
- If verification is on when a SAVE subcommand completes execution.

END ZONE SET TO 72

Explanation: The SERIAL subcommand was issued when the zone setting was within the serialization field. The end zone is reset to column 72.

EOF:

Explanation: The line pointer is positioned after the bottom line of the file or, if the file is empty, after the null line at the top of the file (subject to the setting of the VERIFY subcommand).

EOF REACHED

Explanation: The number of lines beyond the starting line specified in a GETFILE subcommand exceeded the end of the indicated file. The lines from the starting line to the end of the file were inserted in the file. When verification is on, the last line inserted is displayed at the terminal.

FILE IS EMPTY

Explanation: An attempt to SAVE or AUTOSAVE a null file was detected. If the subcommand was FILE, the Editor exits and is erased; if it was SAVE or AUTOSAVE, control returns to edit mode. In either case, the file is not stored on your disk.

FILE NOT FOUND

Explanation: The file identification specified in a GETFILE subcommand was not found on an auxiliary storage device.

GETFILE IS INCOMPLETE

Explanation: The available storage was exceeded while attempting to execute a GETFILE subcommand. The last line inserted into the file is displayed at the terminal.

GIVEN STARTING LINE IS BEYOND EOF

Explanation: The starting line specified in a GETFILE subcommand points beyond the last line of the indicated file.

INPUT:

Explanation: Indicates entry to input mode; lines entered at the terminal become part of the file.

INVALID LINE NUMBER REFERENCE IN STMNT nnnnn

Explanation: This message occurs for VSBASIC files only. The line number referenced in statement nnnnn is invalid (not numeric). The old line number is nnnnn. The RENUM subcommand is terminated by the Editor without renumbering the file. To continue, correct statement nnnnn and reissue the subcommand.

INVALID SYNTAX IN STMNT nnnnn

Explanation: This message occurs with VSBASIC files only. RENUM cannot convert the line number operand in statement nnnnn because of incorrect language usage. The old line number is nnnnn. The RENUM subcommand is terminated by the Editor. To continue, correct the statement in line nnnnn and reissue the command.

INVALID \$name PARAMETER LIST

Explanation: The indicated edit macro was invoked with one or more errors in the subcommand line.

LINE xxxxx REFERENCED IN STMNT nnnnn, NOT FOUND

Explanation: This message occurs for VSBASIC files only. The line number specified as an operand in statement nnnnn was not found. The old line number is nnnnn. The RENUM subcommand is terminated by the Editor. To continue, correct the line number operand xxxxx in statement nnnnn and reissue the command.

MAXIMUM LINE NUMBER EXCEEDED

Explanation: The RENUM subcommand specified values for "strtno" and "incrno" that would result in a line number that exceeds 99999 for VSBASIC files or 99999999 for FREEFOT files. The RENUM subcommand is terminated by the Editor. To continue, reissue RENUM with proper strtno and incrno values.

This message is also issued for other serialized files if the line number exceeds 99999. The file must be reserialized.

NEW FILE:

Explanation: The message is issued during Editor initialization if the file identified in the EDIT command is not found on the specified disk. If no filemode was specified with the EDIT command, CMS searches only the A-disk and its extensions.

NO LINES MOVED

Explanation: The edit macro \$MOVE was invoked with number of lines to be moved equal to 0.

NO ROOM

Explanation: An attempt to enter additional lines to a file was detected after the message AVAILABLE STORAGE IS NOW FULL was displayed. Any stacked lines are cleared to avoid multiple error messages or improper subcommand execution sequences. Use the FILE subcommand to store what you have edited so far on disk. To continue editing, you must either split the file into two smaller files or temporarily increase the storage size of your virtual machine via the CP DEFINE STORAGE command. The maximum virtual storage permitted is determined by the MSTOR value in your directory entry.

NON-NUMERIC CHARACTER IN LINE NUMBER COLUMNS

Explanation: A nonnumeric character was found in the columns reserved for line numbers. The line pointer identifies the line in error. You should correct or delete the line in error.

NOT FOUND

Explanation: The search operand specified in the ALTER, CHANGE, FIND, or LOCATE subcommand was not encountered in the delimited range (current ZONE setting), or before the end of the file was reached.

OVERFLOW AT STATEMENT nnnnn

Explanation: This message occurs with VSBASIC files only. The conversion of the line number operand in statement nnnnn would produce a record exceeding the logical record length. The old line number is nnnnn. The RENUM subcommand is terminated by the Editor; to continue, correct the statement at old line number nnnnn and reissue the subcommand.

READ ERROR - GETFILE IS INCOMPLETE

Explanation: An unrecoverable error was encountered during the execution of a GETFILE subcommand. The last line inserted into the file is displayed at the terminal.

RECORD LENGTH OF FILE TOO LARGE

Explanation: The file identification of a GETFILE subcommand indicates a file with a record length greater than the file being edited. The GETFILE subcommand is not executed.

RENUM MODULE NOT FOUND

Explanation: The RENUM subcommand requires that there be a RENUM module on the system disk. The RENUM subcommand is terminated by the Editor. Your installation system programmer must place the RENUM module on the system disk.

RENUMBER LINES

Explanation:

1. The line number prompter cannot proceed because there are no more numbers between the current line number and the line number of the next line already in the file (that is, they differ by one). In LINEMODE RIGHT, the user can turn LINEMODE OFF, issue a SERIAL subcommand, SAVE the file on disk (reserializing it), and finally turn LINEMODE RIGHT on and continue with the editing session.
2. The next line number, 100000000 or 100000, is too large.
3. If you are editing a VSBASIC or FREEFORTH file, you can use the RENUM subcommand to renumber your file.

RESERIALIZATION SUPPRESSED

Explanation: Reserialization on a SAVE, AUTOSAVE, or FILE subcommand is suppressed when LINEMODE RIGHT is set so that the numbers used during the editing session are retained. To reserialize, repeat the SAVE, AUTOSAVE, or FILE with LINEMODE OFF set.

SAVED (See “_SAVED”.)

SERIALIZATION IS INCOMPLETE

Explanation: During the execution of a SAVE, AUTOSAVE, or FILE subcommand that is serializing a file, the disk becomes full before the last line is written. The partial file is erased and the user is notified of the condition.

SET NEW FILEMODE, OR ENTER CMS SUBSET AND CLEAR SOME SPACE

Explanation: During the execution of a SAVE, RENUM, AUTOSAVE, or FILE subcommand, the disk becomes full before writing the last line of the file. The Editor erases the partial file. To continue, either (1) alter the destination of the edit file with the FMODE subcommand, or (2) enter CMS subset and erase unneeded files to make more room available.

SET NEW FILEMODE AND RETRY

Explanation: An attempt was made to SAVE, AUTOSAVE, or FILE a file on a disk that is read-only or not accessed. You may reissue the subcommand specifying the filemode of a read/write disk; or, if you do not have a read/write disk active, you may enter the CMS subset environment by issuing the subcommand CMS, then issue the ACCESS command to gain access to a disk in read/write status, and then return to the edit environment by issuing the RETURN command.

If you are using a VSBASIC file and issued a RENUM subcommand, you must access the disk you specified in read/write status for the subcommand to operate. The RENUM subcommand is terminated by the Editor without renumbering the file. To continue, use the FMODE subcommand to direct the file to a read/write disk and reissue the RENUM subcommand.

This message is also issued if you use FMODE subcommand specifying an access-mode letter not in the range A-G, S, Y, or Z, or an access-mode number that is greater than 5.

SET NEW FILENAME AND RETRY

Explanation: During the execution of a SAVE, AUTOSAVE, or FILE subcommand, an error occurred while altering the name of the CMS work file. You can now institute recovery procedures, since the Editor returns to edit mode. The work file remains. It should be erased, and a different file identification for a subsequent SAVE, AUTOSAVE, or FILE subcommand should be specified.

STACKED LINES CLEARED

Explanation: Multiple subcommands were detected after a failure to increase the file size when the Editor had indicated NO ROOM. This message is also displayed when an abnormal exit from edit mode occurs (to preserve the CMS command environment from stacked EDIT subcommands), or when an error is encountered in executing an edit macro.

STACKED LINES CLEARED BY \$name

Explanation: When the named edit macro (such as \$MOVE) is invoked, any stacked lines are cleared by the macro before its execution. This message also occurs when an edit macro is issued when the current line pointer is at the top of the file or the end of the file. When an edit macro is issued with the current line pointer at any other point in the file, the message does not occur unless lines are stacked in the console stack.

STRING NOT FOUND, NO DELETIONS MADE

Explanation: The specified character string has not been found by the end of the file. No deletions have been made, and the current line pointer remains unchanged.

TOF:

Explanation: The current line pointer is positioned at the null line at the top of the file. This message appears either after the TOP subcommand has been issued or after any other EDIT subcommand has positioned the line pointer at the null line at the beginning of the file.

TOO MANY LINES TO MOVE

Explanation: The \$MOVE edit macro was invoked with the number of lines to be moved greater than 25.

TOO MANY LINES TO STACK

Explanation: During initialization, the parameter of the STACK subcommand implies a storage requirement in excess of that reserved for the execution of the subcommand. The limit is 25 lines.

TRUNC SET TO 72

Explanation: The SERIAL subcommand was issued and the truncation column was set within the serialization field. The truncation column is reset to column 72.

TRUNCATED

Explanation: The current line has exceeded the truncation column. If verification is on, the truncated line is displayed, followed by the message INPUT: (if in input mode).

WRONG FILE FORMAT FOR LINEMODE RIGHT

Explanation: The LINEMODE RIGHT option is not compatible with variable-length files or files that have a fixed record length other than 80.

WRONG FILE FORMAT FOR RENUM

Explanation: The filetype of the file you are editing is not VSBASIC or FREEFORT, or the Editor detected an invalid line number. For VSBASIC files, the line number must be the first five characters of the record. For FREEFORT files, the line number must be the first eight characters of the record. The RENUM subcommand is terminated by the Editor without renumbering the file. To continue, correct the line number or filetype and reissue the RENUM subcommand.

WRONG FILE FORMAT FOR SERIALIZATION

Explanation: The SERIAL subcommand was issued for a variable-length file or for a file that does not have a fixed record length of 80.

ZONE ERROR

Explanation: The string specified in a CHANGE subcommand is too long for the current zone specification. The file is not changed.

␣
Explanation: Same as ?EDIT;, but the input line is not displayed because the SHORT subcommand is in effect.

␣\$
Explanation: Same as ?EDIT;, but is displayed when an invalid edit macro is issued and the SHORT subcommand is in effect.

?EDIT:

Explanation: An unrecognizable EDIT subcommand or invalid subcommand operand was encountered. The input line is displayed for inspection. This form is used if the LONG subcommand is in effect.

DMSBWR170S DISK 'mode (vaddr)' IS FULL

Explanation: CMS issues this message if the output disk becomes full during execution of a FILE, SAVE, RENUM, or AUTOSAVE subcommand becomes full. The subcommand is terminated by the Editor, erases the work file (which is incomplete), and requests the user to specify a new filemode or make more room on the disk.

DEBUG Messages

INCORRECT DEBUG EXIT

Explanation: For the GO subcommand, this message indicates that the subcommand was issued without an operand, but an operand was required because the debug environment was entered by issuing the DEBUG command.

For the RETURN subcommand, this message indicates that RETURN was not the proper subcommand to use, because the debug environment was entered due to a breakpoint, a program or external interrupt, or an unrecoverable error. To exit from the debug environment under these circumstances, issue the GO subcommand (no operand is necessary).

Issued by: GO, RETURN

INVALID OPERAND

Explanation: For the BREAK subcommand, this message indicates that the breakpoint identification number specified in the first operand is not a decimal number between 0 and 15 inclusive, or the second operand cannot be located in the debug symbol table and is not a valid hexadecimal number. If the second operand is intended to be a symbol, a DEFINE subcommand must have been previously issued for that symbol; if not, the operand must be a valid hexadecimal storage location.

For the DEFINE subcommand, this message indicates that the name specified in the first operand contains all numeric characters, the second operand is not a valid hexadecimal number, or the third operand is not a decimal number between 1 and 56 inclusive.

For the DUMP subcommand, this message is issued if the address specified by the second operand is less than that specified by the first operand, or if the first or second operands cannot be located in the debug symbol table and are not valid hexadecimal numbers. If either operand is intended to be a symbol, a DEFINE subcommand must previously have been issued for that symbol; if not, the operand must specify a valid hexadecimal location.

For the GO or ORIGIN subcommand, a specified operand cannot be located in the debug symbol table and is not a valid hexadecimal number. If the operand is intended to be a symbol, a DEFINE subcommand must have been previously issued for that symbol; if not, the operand must specify a valid hexadecimal location.

For the GPR subcommand, the operand(s) specified are not decimal numbers between 0 and 15 inclusive, or the second operand is less than the first.

For the SET subcommand, the first operand is not CAW, CSW, PSW, or GPR, or the first operand is GPR and the second operand is not a decimal number between 0 and 15 inclusive, or one or more of the hexinfo operands does not contain hexadecimal information.

For the STORE subcommand, the first operand cannot be located in the debug symbol table and is not a valid hexadecimal number, or the information specified in the second, third, or fourth operands is not in hexadecimal format. If the first operand is intended to be a symbol, a

DEFINE subcommand must have been previously issued for that symbol; if not, the operand must specify a valid hexadecimal storage location.

For the X subcommand, the first operand cannot be located in the debug symbol table and is not a valid hexadecimal number, or the second operand is not a decimal number between 1 and 56 inclusive. If the first operand is intended to be a symbol, it must have been defined in a previous DEFINE subcommand; otherwise, the operand must specify a valid hexadecimal number.

Issued by: BREAK, DEFINE, DUMP, GO, GPR, ORIGIN, SET, STORE, X

INVALID STORAGE ADDRESS

Explanation: For the DEFINE, DUMP, GO, STORE, or X subcommand, the sum of the current origin and the hexadecimal location specified in the subcommand is greater than the user's virtual storage size. If the current origin size is unknown, reset it to the desired value by issuing the ORIGIN subcommand, and then reissue the subcommand.

For the GO subcommand, this message may also indicate that the address at which execution is to begin is not on a halfword boundary (indicating that an operation code is not located at that address).

For the ORIGIN subcommand, the address specified is greater than the user's virtual storage size.

Issued by: DEFINE, DUMP, GO, ORIGIN

INVALID STORAGE REFERENCE

Explanation: The location indicated by the second operand is uneven (not on a halfword boundary) or the sum of the second operand and the current origin value is greater than the user's virtual storage size. If the current origin value is unknown, it may be reset to the desired value by issuing the ORIGIN subcommand.

Issued by: BREAK

MISSING OPERAND

Explanation: The user did not enter the minimum number of operands required by the subcommand.

Issued by: BREAK, DEFINE, GPR, ORIGIN, SET, STORE, X

TOO MANY OPERANDS

Explanation: The user entered more operands than the subcommand required.

Issued by: BREAK, CAW, CSW, DEFINE, GO, GPR, ORIGIN, HX, PSW, RETURN, SET, STORE, X

16 SYMBOLS ALREADY DEFINED

Explanation: The debug symbol table is full and no new symbols can be defined until the current definitions are cleared by obtaining a new copy of CMS. However, an existing symbol can be assigned to a new storage location by issuing another DEFINE subcommand for that symbol.

Issued by: DEFINE

CMS EXEC Messages

The CMS EXEC interpreter generates two error messages, the descriptions of which are found in the "Conversational Monitor System (CMS) Messages" section.

DMSEXC001E

NO FILENAME SPECIFIED

DMSEXT072E

ERROR IN EXEC FILE fn, LINE nn - error description

EXEC 2 Messages

The EXEC 2 interpreter generates three error messages, the descriptions of which are found in the "Conversational Monitor System (CMS) Messages" section.

DMSEXE085E

ERROR IN fn ft fm, LINE nnn -message

DMSEXE175E

INVALID EXEC COMMAND

DMSEXE255T

INSUFFICIENT STORAGE FOR EXEC INTERPRETER

Remote Spooling Communications Subsystem (RSCS) Messages

VM/SP HPO adds no additional functions to the Remote Spooling Communications Subsystem (RSCS). Hence, these messages refer to VM/370 Release 6 not to the VM/370 Remote Spooling Communications Subsystem Networking Program Product (5748-XP1).

000I

RSCS (VER v, LEV l, mm/dd/yy) READY

Explanation: This message signals the completion of RSCS initialization, including the activation of the AXS and LAX tasks. VER v and LEV l specify the version and level of RSCS that is in use. mm/dd/yy specifies the date on which the RSCS in use was generated.

System Action: The system begins normal processing by accepting files and commands.

Operator Response: Normally, one or more links are activated at this time.

001I

FREE STORAGE = nn PAGES

Explanation: The amount of available storage has increased as the result of normal system processing. The new number of available free pages is given as "nn".

System Action: Normal processing continues.

Operator Response: You may use this information in deciding whether to activate a previously inactive link.

002I

LINK linkid DEACTIVATED

Explanation: The link identified by "linkid" has been deactivated as a result of the execution of a previous DRAIN command, or as the result of an orderly shutdown following a terminal line-driver error. The link remains inactive until it is activated again by an explicit command.

System Action: The link's line-driver task is deleted from the system, all storage allocated to the task is made free, and the link table entry is updated.

Operator Response: None.

003I

LINK linkid EXECUTING: (command line text)

Explanation: The RSCS command described by (command line text) has been forwarded by a remote station for local execution. The link for the remote station forwarding the command is identified by 'linkid'.

System Action: The command is executed, and the resulting response is returned to the originating link, to be sent back to the remote station.

Operator Response: None.

070E

I/O ERROR vaddr SIOCC cc CSW csw SENSE sense CCW ccw

Explanation: This message is issued by any task in RSCS that detects an uncorrectable hardware or system error during the processing of an I/O operation. The causes of such an error vary, depending on the particular device type and command code.

vaddr the virtual device address of the I/O device on which the error occurred.
cc the condition code resulting from the issuing of the SIO command on the device for the operation which was in error.
csw the composite CSW associated with the operation in error. The composite CSW is a logical ORing of the CSW information associated with the SIO or the interrupts from the device while the I/O operation was active.
sense the sense information associated with the I/O operation in error if the I/O operation ends with unit check set on.
ccw the first CCW of the I/O operation in error if it failed to start, or the last CCW fetched by the channel before the I/O operation terminated with an error indication.

System Action: The error is logged, and appropriate recovery procedures are taken. The exact effect of the I/O error condition depends on the existing conditions when it occurs. The system may continue processing normally, the link may be automatically deactivated, or RSCS may shut down.

Operator Response: This message indicates a serious system or hardware error. Call IBM for hardware or system support.

091T

INITIALIZATION FAILURE -- RSCS SHUTDOWN

Explanation: An unrecoverable error occurred during the initial loading of the supervisor components, MSUP, REX, AXS, and LAX.

System Action: A virtual storage dump is automatically taken, and a masked-off wait state PSW is loaded, system operation is terminated.

Operator Response: This message indicates a serious error. Notify system support personnel.

101I

FILE spoolid ENQUEUED ON LINK linkid

Explanation: This message is issued when the file identified by "spoolid" has arrived at the RSCS virtual machine, and has been successfully accepted and enqueued on the link identified by "linkid". This message is also issued when a previously pending file is accepted after a tag slot has become available.

System Action: The newly accepted file is made available to the link's line driver for future transmission. If the line driver is waiting for a file to transmit, it is notified that the new file is available.

Operator Response: None.

102I

FILE spoolid PENDING FOR LINK linkid

Explanation: The file identified by "spoolid" has arrived at the RSCS virtual machine, but has not been enqueued on the link "linkid" to which it is addressed, because no tag slot is available.

System Action: The link's pending count is incremented, and the file is accepted when a tag slot becomes available.

Operator Response: None.

103E

FILE spoolid REJECTED -- INVALID DESTINATION ADDRESS

Explanation: The file identified by "spoolid" has arrived at the RSCS virtual machine with a missing or invalid destination address in the file's tag.

System Action: The improperly addressed file is automatically purged from the system, and the originating virtual machine user is notified.

Operator Response: The file to be transmitted must be regenerated with a correct destination address in the file tag setting.

104I

**FILE SPOOLED TO userid2 -- ORG locid1 (name1) mm/dd/yy
hh:mm:ss**

Explanation: A file has been received from a remote location, acknowledged, written to the VM/370 spool system, closed, and spooled to the local virtual machine to which the file was addressed.

userid2	the ID of the local virtual machine to which the file has been spooled.
locid1	the ID of the location of the file's originator.
name1	the name of the file originator's system or device at the remote location.
mm/dd/yy	the date of the file's origination at the remote location.
hh:mm:ss	the time of day of the file's origination at the remote location.

System Action: The virtual output device used to process the file is detached and normal processing continues.

Operator Response: None.

105I

FILE spoolid PURGED

Explanation: The file identified by "spoolid" has been purged from the system as a result of normal processing.

System Action: The file's virtual storage tag is dequeued and its slot is freed. If another file is pending, it is accepted. All system tables are updated, and normal processing continues.

Operator Response: None.

106I

FILE spoolid MISSING -- DEQUEUED FROM LINK linkid

Explanation: The file identified by "spoolid" could not be located in the RSCS virtual machine spool input file queue during an attempt to open the file for the link identified by "linkid". This situation usually results from users retrieving files that had previously been spooled to the RSCS virtual machine and accepted by the spool file access routine.

System Action: The file's virtual storage tag is dequeued and its slot is freed. If another file is pending, it is accepted. The link table entry is updated, and normal processing continues.

Operator Response: No action is necessary. This message does not indicate an error condition.

107I

nn PENDING FILES FOR LINK linkid MISSING

Explanation: A number (nn) of pending files for the link identified by 'linkid' have been found to be missing from the RSCS virtual machine spool input queue during an attempt to accept a pending file. This situation usually results from users retrieving files that had been previously spooled to the RSCS virtual machine and left pending on the link.

System Action: The link table entry is updated to reflect the proper pending file status, and normal processing continues.

Operator Response: No action is necessary. This message does not indicate an error condition.

108E

SYSTEM ERROR READING SPOOL FILE spoolid

Explanation: A return code reflecting a VM/370 system error has been received in response to a read to the file identified by "spoolid".

System Action: The error is logged and the failing operation is retried up to ten times. If a retry is successful, normal processing continues. If the error persists, an attempt is made to purge the file and a message to that effect is issued to the operator and to the originating virtual machine.

Operator Response: This message indicates a VM/370 system error. Call your system support personnel.

141I

LINE vaddr READY FOR CONNECTION TO LINK linkid

Explanation: This message is issued by a line driver to inform the operator that the line identified by "vaddr" is being enabled for communications processing to the link identified by "linkid". Normally, this is the first message issued by a line driver after link activation, and it may be issued during active processing after a line becomes disabled.

System Action: The line driver begins an enable operation on the line and waits for completion, signaling a completed connection. If the line identified by "vaddr" is a nonswitched line, the connection completes automatically. Normal processing continues.

Operator Response: No response is needed if the line identified by "vaddr" is a nonswitched line, or if it is a switched line with auto-answer and the remote station is to complete the connection. If the line is a switched line, the operator should ensure that the necessary steps are taken to complete

the connection to the link identified by "linkid" (for example, manual dialing of the associated data-phone).

142I

LINK linkid LINE vaddr CONNECTED

Explanation: This message signals completion of the line connection for the link identified by "linkid" on the line port address identified by "vaddr". This message is issued automatically when a nonswitched line is enabled, and it is issued when a connection is completed for a switched line. This message does not necessarily mean that any successful interaction with the remote station has taken place on the connected line.

System Action: Normal link processing begins. If a file queue exists on the link, and if there are files eligible for transmission, the file transmission begins automatically. File receiving from the remote station begins automatically.

Operator Response: None.

143I

LINK linkid LINE vaddr DISCONNECTED

Explanation: The virtual line port address identified by "vaddr" and associated with the active link identified by "linkid" was connected and is now disconnected. This may be the result either of an apparent line disconnection due to line errors, or of the remote station hanging up, or of the execution of a disabling sequence by the local line driver. This message does not mean that the associated link has been deactivated, but the message is normally issued during the process of link deactivation.

System Action: If the link is not in the process of deactivating, an attempt is made to re-establish the line connection. File processing is halted on the link until a line connection is reestablished.

Operator Response: None.

144I

RECEIVING: FILE FROM locid1 (name1) FOR locid2 (userid2)

Explanation: Reception of a new file from the remote location identified by "locid1" and the system or device name at that location identified by "name1" (if any) has begun. The file being received is destined for the location identified by "locid2" and the virtual machine at that location identified by "userid2" (if any).

System Action: File processing continues, and the new file is written to the VM/370 spool system as it is received.

Operator Response: None.

145I

RECEIVED: FILE FROM locid1 (name1) FOR locid2 (userid2)

Explanation: A new file has been completely received and acknowledged from the remote location identified by "locid1" and the system or device at that location named "name1". The file received is destined for the location identified by "locid2" and the virtual machine at that location identified by "userid2".

System Action: If the file is destined for the local location, and for a particular virtual machine at the location, it is automatically spooled to that virtual machine. Normal file processing continues.

Operator Response: None.

146I

SENDING: FILE spoolid ON LINK linkid, REC nnnnnn

Explanation: Transmission of the file identified by "spoolid" on the link identified by "linkid" has begun during normal file processing. The identified file contains nnnnnn records, and the file has become active.

System Action: Transmission of the file continues to completion, or until it is stopped by some other event.

Operator Response: None.

147I

SENT: FILE spoolid ON LINK linkid

Explanation: Transmission of the active file identified by "spoolid" on the link identified by "linkid" has been successfully completed and acknowledged by the remote station.

System Action: Disposition of the identified file follows, according to the status of the file. The file may be purged, repeated, or held for future retransmission. Normal link processing continues.

Operator Response: None.

149I

LINK linkid LINE ACTIVITY: TOT= mmm; ERRS= nnn; TMOUITS= ppp

Explanation: This message is issued occasionally when trace mode has been set for the link identified by "linkid". The message is issued when one of the trace values reaches the predefined incremental threshold, depending on the active trace option setting.

mmm the total number of communication line transactions that have taken place since the last similar message was issued, or since the trace mode was set.

nnn the total number of communication line transactions that have ended with a line error indication since the last similar message was issued, or since the trace mode was set.

ppp the total number of time-outs that have occurred while waiting for response from the remote station since the last similar message was issued, or since the trace mode was set. A time-out is not counted as a line transaction.

System Action: Normal processing continues.

Operator Response: Depending on the data reported in the message, you may choose to intervene with a command to deactivate the link, or you may try to hang up the line and reestablish it to reinitialize communication.

160I

LINE vaddr DISABLED FOR LINK linkid

Explanation: Line processing by the link identified by "linkid" on the line identified by "vaddr" has been terminated, and the line has been disconnected if it is a switched line. This message may be issued during normal processing as a result of a spontaneous line disconnection. It is always issued during the process of link deactivation.

System Action: If link deactivation is in process, it continues normally. Otherwise, an attempt is made to reconnect the line. File processing for the link is suspended.

Operator Response: None.

170I

FROM linkid: (MSG message text)

Explanation: The character string included in the message as (MSG message text) has been received on the link identified by 'linkid' as the operand of a remote MSG command.

System Action: Normal link processing continues.

Operator Response: A response may be suggested by the MSG character string.

190E

INVALID SPOOL BLOCK FORMAT ON FILE spoolid

Explanation: VM/370 spool control or data information associated with the file identified by "spoolid" has been found to be in error at the local installation.

System Action: The error condition is logged, the identified file is automatically purged from the system, and link processing continues.

Operator Response: This message indicates a system error at the local installation. Notify system support personnel.

200I

RSCS

Explanation: A null line was entered as a console command. A null line is a line that contains no characters. If a line containing characters is edited to a null line, this message is not issued, and another read is automatically started on the console.

System Action: Normal processing continues.

Operator Response: None.

201E

INVALID COMMAND command

Explanation: The specified command is not a valid RSCS command.

System Action: The command is ignored, and normal processing continues.

Operator Response: Correct and reissue the command.

- 202E** **INVALID LINK linkid**
- Explanation:** The specified linkid was not in the proper format for RSCS link IDs (one to eight alphanumeric characters).
- System Action:** The command is ignored, and normal processing continues.
- Operator Response:** Reissue the command line with a valid linkid.
- 203E** **INVALID SPOOL FILE ID spoolid**
- Explanation:** The specified spoolid was not in the proper format for VM/370 spool file IDs (one to four decimal digits from 1 through 9910).
- System Action:** The command is ignored, and normal processing continues.
- Operator Response:** Reissue the command with a valid spoolid.
- 204E** **INVALID KEYWORD keyword**
- Explanation:** The specified keyword is not a valid keyword for the command issued. The correct format of RSCS console commands, including valid keywords, can be found in the *VM/370 Remote Spooling Communications Subsystem (RSCS) User's Guide*.
- System Action:** The command is ignored, and normal processing continues.
- Operator Response:** Reissue the command with a valid keyword.
- 205E** **CONFLICTING KEYWORD keyword**
- Explanation:** The specified keyword was used in an invalid way. It may have been entered more than once in the same command line, or it may conflict with another keyword.
- System Action:** The command is ignored, and normal processing continues.
- Operator Response:** Correct and reissue the command.
- 206E** **INVALID OPTION keyword option**
- Explanation:** The specified keyword and option combination is not a valid combination for the command issued. The format of RSCS commands, including valid keyword-and-option combinations, can be found in the *VM/370 Remote Spooling Communications Subsystem (RSCS) User's Guide*.
- System Action:** The command is ignored, and normal processing continues.
- Operator Response:** Correct and reissue the command.
- 207E** **CONFLICTING OPTION keyword option**
- Explanation:** The specified keyword and option conflict. Another keyword or keyword-and-option combination in the same command may have invalidated the specified keyword-and-option combination.
- System Action:** The command is ignored, and normal processing continues.
- Operator Response:** Correct and reissue the command.

208E

INVALID USER ID userid

Explanation: The specified virtual machine userid is invalid.

System Action: The command is ignored, and normal processing continues.

Operator Response: Reissue the command with a valid userid.

300I

ACCEPTED BY TASK task

Explanation: The preceding console command has been processed by the CMX syntax scanner and first level semantic processor, and a command element has been built. That command element has been made available to the task named "task", and that task has accepted the command element for second level semantic processing.

System Action: Command semantic processing continues at the task named "task". Further response to the command is issued from that task. The command processor is then ready to accept another console command.

Operator Response: None.

301E

REJECTED BY TASK task -- PREVIOUS COMMAND ACTIVE

Explanation: The preceding console command has been processed by the CMX syntax scanner and first level semantic processor. A command element was built and made available to the task named 'task', but that task was unable to accept the command element for further processing because a previously issued command is still being processed.

System Action: The command execution is terminated, the command has no effect, and normal processing continues.

Operator Response: Reissue the command when the active command processing has completed.

302E

LINK linkid IS NOT DEFINED

Explanation: The specified linkid is syntactically valid, but no such link is defined with that ID and the command issued requires a defined linkid.

System Action: The command execution is terminated, the command has no effect, and normal processing continues.

Operator Response: Check to see if the linkid specified is valid. If it was incorrectly typed, reissue the command with a correct linkid. If it was correctly typed, you must define the specified link before the command can be executed.

303E

LINK linkid IS NOT ACTIVE

Explanation: The link identified by "linkid" was specified in the preceding command, but the link is inactive and the command requires specification of an active link.

System Action: The command execution is terminated, the command has no effect, and normal processing continues.

Operator Response: Activate the specified link and reissue the command.

304E

REJECTED BY TASK task -- NOT RECEIVING

Explanation: Processing of the preceding command could not be completed, because the second level processing task named "task" failed to accept the command service request.

System Action: The command is ignored, and normal processing continues.

Operator Response: Repeated occurrences of this message indicate a system error. Notify system support personnel.

402T

IPL DEVICE READ I/O ERROR

Explanation: An uncorrectable I/O error occurred while reading the RSCS nucleus from a DASD.

System Action: A wait state PSW is loaded with a wait state code of X'40C9D5C9' (C'INT').

User Response: Call your installation support personnel.

407R

REWRITE THE NUCLEUS? {YES|NO}

Explanation: This message prompts you to specify whether or not the copy of the RSCS nucleus is to be written onto disk.

System Action: The system waits for a response.

User Response: Enter "yes" or "no."

If you enter "yes", message DMTINI409R is issued, prompting you to specify the cylinder on the system disk on which the RSCS nucleus is to be written.

If you enter "no", the remaining questions in generating a new RSCS nucleus are skipped and control is passed to the RSCS initialization routine. A copy of the RSCS nucleus is not written onto disk.

If you fail to enter either "yes" or "no", the message

```
DMTINI481E INVALID REPLY - ANSWER
      "YES" OR "NO"
```

is issued. Message DMTINI407R is reissued and you may enter a valid response.

409R

NUCLEUS CYL ADDRESS = nnn

Explanation: "nnn" designates the cylinder on the device entered in response to message DMTINI406R on which the RSCS nucleus is to be written. nnn must be between 001 and m-1, where m equals the number of cylinders on the disk, the cylinders on a disk being numbered from 0 to m. nnn must be entered in decimal.

System Action: If you do not enter a valid decimal cylinder number, the message

```
DMTINI480E INVALID CYLINDER NUMBER -
      REENTER
```

is issued, message DMTINI409R is reissued, and you may enter a valid cylinder number.

If the cylinder specified is not greater than the number of cylinders already in use on the device (as indicated in the Master File Directory), then the message

```
DMTINI483E NUCLEUS WILL OVERLAY FILES -  
RECOMPUTE
```

is issued. Message DMTINI409R is reissued. You may respond with a larger cylinder number, or IPL the RSCS system and format the specified IPL device with the RECOMP option.

Once the nucleus cylinder address is accepted, message DMTINI410R is issued.

User Response: Enter a valid cylinder address.

410R

ALSO IPL CYLINDER 0? (YES|NO)

Explanation: The initial IPL text is always written on the same cylinder as the RSCS nucleus, that is, the cylinder designated in response to message DMTINI409R. (The initial IPL text is a bootstrap program that reads in the nucleus from the designated cylinder.) If it is not also written on cylinder 0, you must enter the cylinder number whenever an IPL is issued for the system being generated.

System Action: If you do not enter "yes" or "no", the message

```
DMTINI481R INVALID REPLY - ANSWER  
"YES" or "NO"
```

is issued. Message DMTINI410R is reissued and you may enter a valid response.

If you answer "yes," the initial IPL text is written on cylinder 0 as well as on the cylinder designated in response to message DMTINI409R.

If you answer "no," the initial IPL text is written only on the cylinder designated in response to message DMTINI409R.

User Response: Enter "yes" or "no."

431S

IPL DEVICE WRITE I/O ERROR

Explanation: An uncorrectable I/O error occurred while writing the nucleus.

System Action: The system continues as if the user had responded "no" to DMTINI407R.

User Response: Make sure that the nucleus cylinder number is not larger than the size of the disk. If it is, perform an IPL and specify the correct cylinder number. If it is not, call your installation support personnel.

479E

INVALID DEVICE ADDRESS - REENTER

Explanation: The device address entered was specified incorrectly; that is, it is not a valid hexadecimal character or is not in the range of X'001' to X'6FF'.

System Action: Message DMTINI408R is reissued.

User Response: See DMTINI408R.

480E

INVALID CYLINDER NUMBER - REENTER

Explanation: The value entered was not a valid decimal number.

System Action: Message DMTINI409R is reissued.

User Response: See DMTINI409R.

481E

INVALID REPLY - ANSWER "YES" OR "NO"

Explanation: The only valid response to the query is "yes" or "no". Neither was entered.

System Action: Message DMTINI407R or DMTINI410R is reissued.

User Response: See DMTINI407R or DMTINI410R.

482E

SYSTEM DISK - REENTER

Explanation: Either the device is not currently defined, it is not in read/write status, or it is an unsupported device type.

System Action: Message DMTINI406R is reissued.

User Response: See DMTINI406R.

483E

NUCLEUS WILL OVERLAY CMS FILES - RECOMPUTE

Explanation: The specified nucleus cylinder number was not greater than the number of cylinders indicated in the Master File Directory for the IPL device.

System Action: Message DMTINI409R is reissued.

User Response: Respond to DMTINI409R with a larger cylinder number or IPL RSCS and format the specified IPL device with the RECOMP option.

510I

FILE spoolid BACKSPACED

Explanation: The file identified by "spoolid" has been backspaced according to the request in a preceding command.

System Action: File transmission continues, beginning from the new file position.

Operator Response: None.

511E

NO FILE ACTIVE ON LINK linkid

Explanation: A command was issued that operates on a file being actively transmitted on the link identified by "linkid", but no file was being actively transmitted on the link.

System Action: Normal link processing continues, and the command has no effect.

Operator Response: None.

520I

FILE spoolid CHANGED

Explanation: The file identified by "spoolid" has been altered as requested in the processing of the preceding command. The new file status remains in effect until it is changed again through an explicit request.

System Action: All appropriate action implied by the changed status is performed. This might include reordering a link queue if a file priority was changed, notifying a waiting line driver if a file class was changed, and so on. Normal processing continues.

Operator Response: None.

521I

FILE spoolid HELD FOR LINK linkid

Explanation: The file identified by 'spoolid' has been placed in hold status as the result of processing of the preceding command. The file remains in hold status and is not transmitted until it is explicitly removed from hold status by a command.

System Action: The file's virtual storage tag is updated, and normal processing continues.

Operator Response: None.

522I

FILE spoolid RELEASED FOR LINK linkid

Explanation: The file identified by "spoolid" and enqueued on the link identified by "linkid" has been released from hold status as a result of the processing of the preceding command. The file is now eligible for transmission on the link.

System Action: The file's virtual storage tag is updated, and the link's line driver is asynchronously notified of the file's availability for transmission if the line driver had been waiting for a file to transmit. Normal processing continues.

Operator Response: None.

523I

LINK linkid QUEUE REORDERED

Explanation: The file tag queue in RSCS virtual storage for the link identified by "linkid" has been reordered in response to execution of a command. The new order of the queue defines the order of file transmission on the link.

System Action: The files reordered to the beginning of the queue are automatically given a priority of zero (highest), and normal processing continues.

Operator Response: None.

524E

FILE spoolid ACTIVE -- NO ACTION TAKEN

Explanation: The file identified by "spoolid" is actively being read and transmitted on a link, and the action requested in the preceding command cannot be performed on active files.

System Action: The preceding command has no effect, and normal processing continues.

Operator Response: If you wish, you can deactivate the file by means of a FLUSH command with the HOLD operand, and reissue the command when that has been accomplished.

525E

FILE spoolid IS FOR LINK linkid -- NO ACTION TAKEN

Explanation: The file identified by "spoolid" is enqueued on the link identified by "linkid", which is different from the linkid specified in the preceding command.

System Action: The action requested in the preceding command is not performed, and normal processing continues.

Operator Response: Verify that the specified spool file id and link id are correct. If an error is found, reissue the preceding command.

526E

FILE spoolid NOT FOUND -- NO ACTION TAKEN

Explanation: The file identified by "spoolid" has not been accepted and enqueued by RSCS. The action requested by the preceding command could not be performed.

System Action: The preceding command has no effect, and normal processing continues.

Operator Response: Verify the spool file ID used in the preceding command. If it was incorrect, the command may be reissued with a correct spool file id. If it was correct, and the file is pending at the RSCS virtual machine, the file may be manipulated through the use of VM/370 spooling commands.

530I

COMMAND FORWARDED ON LINK linkid

Explanation: In response to a command, a character string has been transmitted as a remote command on the link identified by "linkid".

System Action: Normal link processing continues.

Operator Response: None.

540I

NEW LINK linkid DEFINED

Explanation: The link identified by "linkid" is now defined as the result of command processing, according to the specified keyword options.

System Action: The newly defined link may have spool files enqueued on it automatically, and can be activated to begin remote processing.

Operator Response: Users can begin to address files to the newly defined link for future transmission.

541I

LINK linkid REDEFINED

Explanation: The previously defined link, identified by "linkid", has had its definition changed as the result of command processing, according to the specified keyword options.

System Action: The changes in the link definition become effective immediately.

Operator Response: None.

542E

LINK linkid ACTIVE -- NOT REDEFINED

Explanation: The previously defined link, identified by "linkid", has not been changed because the link was active at the time of command processing.

System Action: The command execution is terminated, the command has no effect, and normal processing continues.

Operator Response: Reissue the command after the link has been deactivated.

543E

LINK linkid NOT DEFINED -- LINK LIMIT REACHED

Explanation: An attempt was made to define a new link, but the maximum allowable number of defined links had already been reached.

System Action: The command execution is terminated, the command has no effect, and normal processing continues.

Operator Response: Check the command line to see if it was accurately typed. If an existing link definition was to have been altered, correct and reissue the command. If a new link was to be defined, another link must be temporarily deleted from the list of valid linkids (via the RSCS DELETE command) before the command can be successfully retried.

544E

LINK linkid NOT DEFINED -- TYPE NOT SPECIFIED

Explanation: The preceding DEFINE command failed because a default line driver type was not specified.

System Action: The command is ignored, and normal processing continues.

Operator Response: Reissue the command, specifying a default line driver type.

- 550I LINK linkid NOW DELETED**
- Explanation:** The previously defined link, identified by "linkid", is now temporarily deleted as a result of command processing.
- System Action:** Spool files addressed to the deleted link's location ID are no longer accepted, and are rejected as invalidly addressed. The deleted link can no longer be activated.
- Operator Response:** Users can no longer address files to the deleted link.
- 551E LINK linkid ACTIVE -- NOT DELETED**
- Explanation:** An attempt was made to temporarily delete the link identified by "linkid" from the list of valid linkids (via the RSCS DELETE command). The attempt was unsuccessful because the specified link was active at the time of command processing.
- System Action:** The link remains defined and active, the command has no effect, and normal processing continues.
- Operator Response:** Reissue the command when the link is deactivated.
- 552E LINK linkid HAS A FILE QUEUE -- NOT DELETED**
- Explanation:** An attempt was made to temporarily delete the link identified by "linkid" through a console command. The attempt was unsuccessful because the specified link had at least one file enqueued on it at the time of command processing.
- System Action:** The link remains defined, the command has no effect, and normal processing continues.
- Operator Response:** Before the link can be deleted, all files enqueued on it and pending for it must be purged, either by console command execution or by normal file transmission.
- 560I RSCS DISCONNECTING**
- Explanation:** The RSCS virtual machine console is disconnected as a result of command execution. If an alternate virtual machine was specified to receive RSCS output messages, that virtual machine begins receiving the console messages through the VM/370 MSG function. If no alternate virtual machine was specified to receive RSCS console messages, those messages are discarded.
- System Action:** RSCS continues processing normally without a main operator console.
- Operator Response:** The RSCS main virtual machine console can be reinstated by issuing a console attention and performing the logon routine.
- 561E USERID userid NOT RECEIVING**
- Explanation:** An attempt has been made to disconnect the main RSCS virtual operator console with a secondary virtual machine ID identified by "userid" specified to receive RSCS console output messages. The specified virtual machine either was not receiving messages or was not logged on at the time of command processing.

System Action: The command processing is terminated, the command has no effect, and normal processing continues.

Operator Response: The command can be reissued with a different virtual machine ID specified, or with no virtual machine ID specified. The same virtual machine ID can be specified after it has been logged on and set to receive messages.

570I

LINK linkid NOW SET TO DEACTIVATE

Explanation: In response to the DRAIN command, the link identified by 'linkid' has set drain mode and is deactivated. If the RSCS operator issues the START command before the link is deactivated, processing continues on the link.

System Action: The line driver takes appropriate action to quiesce line activity. This includes the finishing of transmission for an active file if one exists, and it may include the signaling to the remote station of an impending termination. No new files are activated while the link is in drain mode. When line activity is quiesced, the link is deactivated.

Operator Response: None.

571E

LINK linkid ALREADY SET TO DEACTIVATE

Explanation: The link identified by "linkid" was in drain mode when it received a new command to deactivate.

System Action: The line driver continues the deactivation process, and the command has no effect.

Operator Response: None.

580I

FILE spoolid PROCESSING TERMINATED

Explanation: In response to the FLUSH command, transmission of the active file identified by "spoolid" was terminated before the completion of file processing.

System Action: Disposition of the identified file is made according to the status of the file. The file may be purged from the system, or the file may be held for future retransmission. The next copy of the file may begin transmission if multiple copies remain and ALL was not specified. Normal file processing continues.

Operator Response: None.

581E

FILE spoolid NOT ACTIVE

Explanation: The file identified by "spoolid" was not active when a command was processed that specified that file, and the command requires an active file as its object.

System Action: The command has no effect, and normal link processing continues.

Operator Response: Check the status of the named file by issuing the QUERY FILE command.

590I

LINK linkid RESUMING FILE TRANSFER

Explanation: The active link identified by "linkid" was in hold status, and has been removed from hold status in response to command processing.

System Action: File transmission on the identified link resumes immediately if the line is connected and there is a file eligible for transmission enqueued on the link.

Operator Response: None.

591E

LINK linkid NOT IN HOLD STATUS

Explanation: The link identified by "linkid" was not in hold status when a command was processed that requested that the link leave hold status.

System Action: The command is ignored, and normal link processing continues.

Operator Response: None.

600I

FILE spoolid FORWARD SPACED

Explanation: The file identified by "spoolid" has been forward spaced as requested by a preceding command.

System Action: File transmission continues, beginning from the new file position.

Operator Response: None.

610I

LINK linkid TO SUSPEND FILE TRANSMISSION

Explanation: The link identified by "linkid" has entered hold status. File transmission has not been suspended because at the time of command processing a file was being actively transmitted, and the NOW option was not specified.

System Action: The link remains in hold status. File transmission is suspended when the processing of the active file is complete.

Operator Response: None.

611I

LINK linkid FILE TRANSMISSION SUSPENDED

Explanation: The link identified by "linkid" has entered hold status, and file transmission has been halted as a result of command processing. Either no file was being actively transmitted at the time of command processing, or the link had been in hold status and its active file transmission has completed, or an active file was being transmitted and the NOW operand was specified.

System Action: The link remains in hold status, and file transmission remains suspended, until the link is explicitly freed from hold status. If active file transmission was interrupted, the transmission of the active file resumes from the point at which transmission was interrupted when the link is removed from hold status. The link continues to process files received from the remote station normally while in HOLD status.

Operator Response: None.

612E

LINK linkid ALREADY IN HOLD STATUS

Explanation: The active link identified by "linkid" was in hold status when it received a new command to enter hold status, with the same options specified as in the preceding command which caused the link to enter HOLD status.

System Action: The link remains in HOLD status, and the command has no effect.

Operator Response: None.

640I

nn FILE(S) PURGED ON LINK linkid

Explanation: The number of files denoted by "nn" that were enqueued on the link specified by "linkid" have been purged from the system in response to a PURGE command.

System Action: The "file(s)" virtual storage tags are dequeued and the tag slots are freed. The link table is updated, and pending files are accepted if any exist.

Operator Response: None.

651I

LINK linkid INACTIVE

Explanation: This message is issued in response to a QUERY linkid STAT command. The link identified by "linkid" was not active at the time the command was processed.

System Action: None.

Operator Response: None.

652I

LINK linkid ACTIVE task type vaddr c {HO|NOH} {DR|NOD} {TRA|TRE|NOT} Q = m P = n

Explanation: This message is issued in response to a QUERY linkid STAT command. The link identified by "linkid" was active at the time the command was processed.

task	is the task name of the line driver task.
type	is the ID of the line driver in use by the active link.
vaddr	is the virtual device address of the line port in use by the active link.
c	is the class or classes of files that may be processed by the active link.
HO	indicates that the active link is in hold status.
NOH	indicates that the active link is not in hold status.
DR	indicates that the active link is in the process of draining, and will terminate when line activity is quiesced.
NOD	indicates that the active link is not in the process of draining.
TRA	indicates that the active link is tracing all line activity.
TRE	indicates that the active link is tracing line errors.
NOT	indicates that the active link is not tracing line errors or activity.

m is the number of files accepted and enqueued for transmission on the link.
n is the number of files pending but not yet accepted for the active link.

System Action: None.

Operator Response: None.

653I

LINK linkid DEFAULT task type vaddr c R = m

Explanation: This message is issued in response to a QUERY linkid DEF command. The link identified by "linkid" was defined at the time of command processing, and the default attributes listed in the message pertain to that definition. The message does not indicate whether the link was active or inactive at the time of command processing, and the default attributes listed may be different from those actually in use with the link if it was active.

task the default task name to be associated with the defined link's line driver task when the link is activated.
type the ID of the default line driver defined for the link.
vaddr the default virtual device address of a line port to be used by the link when it is activated.
c the default class or classes of files that can be processed by the link when it is active.
m the number of virtual storage file tag slots reserved for exclusive use by this link.

System Action: None.

Operator Response: None.

654I

LINK linkid Q = m P = n

Explanation: This message is issued in response to a QUERY linkid QUEUE command. The status of the file queue for the link identified by "linkid" is described.

m the number of files accepted and enqueued for transmission on the link.
n the number of files pending but not yet accepted for the active link.

System Action: An additional message (DMTCMX655I) is issued for each file accepted and enqueued on the link, describing the status of each such file.

Operator Response: None.

655I

FILE spoolid locid userid CL a PR mm REC nnnnnn {A|I}

Explanation: A message of this form is issued for each file accepted and enqueued for transmission on the link specified by 'linkid' in the preceding QUERY linkid QUEUE command.

spoolid the VM/370 spool file ID for the file to be described.
locid the destination location ID to which the originating user addressed the file.
userid the destination virtual machine ID (if any) to which the originating user addressed the file.
a the spool file class.

mm the file's current transmission priority.
nnnnnn the number of records in the file.
A indicates that the described file is active.
I indicates that the described file is inactive.

System Action: This message is issued for each file in the link queue.

Operator Response: None.

660I

FILE spoolid INACTIVE ON LINK linkid

Explanation: This message is issued in response to a QUERY FILE "spoolid" STAT command. At the time of command processing, the file identified by "spoolid" was inactive, and was enqueued for transmission on the link identified by "linkid".

System Action: None.

Operator Response: None.

661I

FILE spoolid ACTIVE ON LINK linkid

Explanation: This message is issued in response to a QUERY FILE spoolid STAT command. At the time of command processing, the file identified by "spoolid" was active, and was being transmitted on the link identified by "linkid".

System Action: None.

Operator Response: None.

662I

FILE spoolid ORG locid1 userid1 mm/dd/yy hh:mm:ss TO locid2 userid2

Explanation: This message is in response to the RSCS command QUERY FILE spoolid. The RSCS control-related attributes of the file identified by 'spoolid' are described.

locid1 the location ID of the location at which the file originated.
userid1 the virtual machine ID of the originator of the file.
mm/dd/yy the file creation date.
hh:mm:ss the file creation time of day.
locid2 the destination location ID to which the originating user addressed the file.
userid2 the destination virtual machine ID (if any) to which the originating user addressed the file.

System Action: None.

Operator Response: None.

663I

FILE spoolid PR mm CL a CO nn {HO|NOH} DI distcode, NA {fn ft|dsname}

Explanation: This message is issued in response to the CP command, QUERY FILES spoolid. The VM/370 spool system-related attributes of the file identified by "spoolid" are described.

mm the file's transmission priority.
a the file's spool file class.
nn the number of copies of the file requested by the file creator.

HO indicates that the file is in hold status.
NOH indicates that the file is not in hold status.
distcode the file's distribution code.
fn ft the file's filename filetype.
dsname the file's data set name.

System Action: None.

Operator Response: None.

664E

FILE spoolid NOT FOUND

Explanation: This message is issued in response to a QUERY FILE spoolid command. The file identified by "spoolid" could not be found in the RSCS virtual storage queues, meaning either that the file is not owned by the RSCS virtual machine, or that the file is pending and has not yet been accepted by RSCS.

System Action: None.

Operator Response: Verify that the spool file ID was correctly typed. If it was not, retry the command with the correct spool file ID. If it was correctly typed, retry the command after a file tag slot becomes available and the specified file is accepted and enqueued by RSCS.

670I

LINK linkid ACTIVE -- LINE vaddr (HO|NOH)

Explanation: This message is issued in response to a QUERY SYSTEM command. One such message is produced for each active link in the RSCS facility at the time of command processing. The active link described by the message is identified by "linkid".

vaddr the virtual device address of the line port in use by the active link.

HO indicates that the active link is in hold status.

NOH indicates that the active link is not in hold status.

System Action: This message is issued for each active link in the system.

Operator Response: None.

671I

LINK linkid INACTIVE

Explanation: This message is issued in response to a QUERY SYSTEM command. One such message is produced for each inactive link in the RSCS facility at the time of command processing. The inactive link is identified by "linkid".

System Action: This message is issued for each inactive link in the system.

Operator Response: None.

672I

NO LINK ACTIVE

Explanation: This message is issued in response to a QUERY SYSTEM ACTIVE command. No link defined in the RSCS facility was active at the time of command processing.

System Action: None.

Operator Response: None.

673I

NO LINK DEFINED

Explanation: This message is issued in response to a **QUERY SYSTEM** command. No link was defined in the RSCS facility at the time of command processing.

System Action: None.

Operator Response: None.

700I

ACTIVATING LINK linkid task type vaddr c

Explanation: The link identified by "linkid" was inactive and has become active as a result of command processing. The message describes the variable attributes in effect for this active link.

task the task name associated with the activated link's line driver.
type the ID of the line driver in use by the activated link.
vaddr the virtual device address of the line port in use by the activated link.
c the class or classes of files that can be processed by the activated link.

System Action: The activated link remains active, and the listed attributes remain in effect, until the link is deactivated or the attributes are explicitly modified. The link is activated whether or not a line connection to the remote location is complete. If no line connection exists, the line driver establishes a connection, with operator intervention if necessary. When a connection exists, file transmission begins automatically if a file queue exists for the link.

Operator Response: None.

701E

NO SWITCHED LINE AVAILABLE -- LINK linkid NOT ACTIVATED

Explanation: An attempt was made to activate the link identified by "linkid" with no specified line port virtual device address. The link had no defined default line-port address, and no common switched line ports were available at the time of command processing.

System Action: The command processing is terminated, the link remains inactive, and normal processing continues.

Operator Response: The command can be reissued with a specified line port address, or it can be reissued when a common switched line port becomes available.

702E

LINE vaddr IS IN USE BY LINK linkid1 -- LINK linkid2 NOT ACTIVATED

Explanation: An attempt was made to activate the link identified by "linkid2". The line-port virtual device address specified in the request to activate the link, identified by "vaddr", was found to be in use by another active link, identified by "linkid1", at the time of command processing.

System Action: The command processing is terminated, the command has no effect, and normal processing continues.

Operator Response: The command can be retried with a specified line port address that is not in use by another active link, or it can be retried with no line port address specified, in which case an attempt will be made to reserve and utilize a valid line port.

703E

DEV vaddr IS NOT A LINE PORT -- LINK linkid NOT ACTIVATED

Explanation: An attempt was made to activate the link identified by "linkid" with a line-port address identified by "vaddr". A virtual device at address "vaddr" exists, but it is not a usable line-port device.

System Action: The command processing is terminated, the link remains inactive, and normal processing continues.

Operator Response: The command can be reissued with a specified line-port address that is valid and available, or it can be reissued with no line-port address at all, in which case an attempt is made to reserve and utilize a valid line port.

704E

LINE vaddr CC=3 NOT OPERATIONAL -- LINK linkid NOT ACTIVATED

Explanation: An attempt was made to activate the link identified by "linkid" with a line-port address identified by "vaddr". Either no device was defined for the RSCS virtual machine at virtual address "vaddr", or the device at that address was completely nonoperational.

System Action: The command processing is terminated, the link remains inactive, and normal processing continues.

Operator Response: The command can be reissued with a specified line-port address that is valid and operational, or it can be reissued with no line-port address at all, in which case an attempt is made to select and reserve a valid line port.

705E

DRIVER type NOT FOUND ON DISK vaddr -- LINK linkid NOT ACTIVATED

Explanation: An attempt was made to activate the link identified by "linkid" with a driver ID identified by "type". The identified line driver could not be located on the disk used for driver task loading, identified by "vaddr".

System Action: The command processing is terminated, the link remains inactive, and normal processing continues.

Operator Response: Verify that the driver ID used was correctly typed. If it was not, reissue the command, specifying a correct driver ID. If the command was correctly typed, notify a person responsible for system support.

706E

FATAL ERROR LOADING FROM vaddr -- LINK linkid NOT ACTIVATED

Explanation: An attempt was made to activate the link identified by "linkid". In the process of loading the link's line driver from the disk identified by "vaddr", an uncorrectable I/O error was encountered.

System Action: Loading is abandoned, the error is logged, the command processing is terminated, and the link remains inactive.

Operator Response: Reissue the command. If the error condition persists, notify operations or system support personnel.

707E

DRIVER type FILE FORMAT INVALID -- LINK linkid NOT ACTIVATED

Explanation: An attempt was made to activate the link identified by "linkid", with a driver ID identified by "type". In the process of reading the driver file and loading the driver into virtual storage, the loader detected an invalid data format in the driver file.

System Action: Loading is abandoned, the command processing is terminated, and normal processing continues.

Operator Response: Verify that the proper driver ID has been used. If an improper driver ID was used, reissue the command with a correct driver ID. If the proper driver ID was used, notify a person responsible for system support.

708E

VIRTUAL STORAGE CAPACITY EXCEEDED -- LINK linkid NOT ACTIVATED

Explanation: An attempt was made to activate the link identified by "linkid". During the activation process, a virtual free storage requirement could not be met because there was not enough unclaimed virtual free storage in the system.

System Action: The command processing is terminated, the link remains inactive, and normal processing continues.

Operator Response: None.

709E

TASK NAME task ALREADY IN USE -- LINK linkid NOT ACTIVATED

Explanation: An attempt to activate the link "linkid", in response to a START command, failed because the task name "task" specified for use was in use by another task in the system.

System Action: The START command is ignored, and normal processing continues.

Operator Response: Reissue the START command specifying a different task name, or reissue the START command after the task with the conflicting name terminates.

710E

MAX (nn) ACTIVE -- LINK linkid NOT ACTIVATED

Explanation: An attempt to activate the link "linkid", in response to a START command, failed because the maximum allowable number "(nn)" of concurrent active links had already been reached.

System Action: The START command is ignored, and normal processing continues.

Operator Response: Reissue the START command after one or more links become inactive.

750E

LINK linkid ALREADY ACTIVE -- NO ACTION TAKEN

Explanation: A START command was issued specifying the link identified by "linkid". The link was already active at the time of command processing, and no modifiable attributes were changed from their previous settings.

System Action: None.

Operator Response: None.

751I

LINK linkid ALREADY ACTIVE -- NEW CLASS(ES) SET AS REQUESTED

Explanation: A START command was issued specifying the link identified by "linkid". The link was already active at the time of command processing, and the new class specification for the link has been accepted.

System Action: The link automatically begins processing files bearing the newly specified class or classes, if any are enqueued on the link.

Operator Response: None.

752I

LINK linkid STILL ACTIVE -- DRAIN STATUS RESET

Explanation: A START command was issued specifying the link identified by "linkid". The link was active at the time of command processing, but it was in the process of terminating as the result of a previous DRAIN command. The link remains active, and the attributes remain as previously set.

System Action: None.

Operator Response: None.

801I

LINK linkid ERROR TRACE STARTED

Explanation: As a result of command processing, the link identified by 'linkid' has set its trace mode to trace line errors.

System Action: A message describing line activity is displayed each time the number of line errors reaches the predefined threshold.

Operator Response: None.

802I

LINK linkid TRACE STARTED

Explanation: As a result of command processing, the link identified by "linkid" has set its trace mode to trace all line activity.

System Action: A message describing line activity is displayed each time the number of line transactions reaches the predefined threshold.

Operator Response: None.

803I

LINK linkid TRACE ENDED

Explanation: As a result of command processing, the link identified by "linkid" has set its trace mode off.

System Action: No further trace messages will be displayed, and normal link processing continues.

Operator Response: None.

810E

LINK linkid TRACE ALREADY ACTIVE

Explanation: The link identified by "linkid" was in trace mode when it received a new command to enter trace mode, with the same options specified as had been active.

System Action: The link remains in trace mode with the previous options set, the command has no effect, and normal link processing continues.

Operator Response: None.

811E

LINK linkid TRACE NOT ACTIVE

Explanation: The link identified by "linkid" was not in trace mode when it received a command to set trace mode off.

System Action: Trace mode remains off for the link, the command has no effect, and normal link processing continues.

Operator Response: None.

901E

INVALID SML MODE SPECIFIED -- LINK linkid NOT ACTIVATED

Explanation: The RSCS operator specified an invalid SML (Spool MULTI-LEAVING) mode option in the PARM field of the RSCS START command.

System Action: The specified linkid is not activated.

Operator Response: Reissue the command with the correct SML mode.

902E

NON-SIGNON CARD READ ON LINK linkid

Explanation: The first record received from a remote station was not a SIGNON card.

System Action: The sign on of the remote station on the specified linkid is not allowed.

Operator Response: Correct the problem and repeat the sign on procedure.

- 903E** **PASSWORD SUPPLIED ON LINK linkid IS INVALID**
- Explanation:** An invalid sign on attempt occurred.
- System Action:** The sign on is not allowed.
- Remote Operator Action:** Correct the SIGNON card, reload the station, and sign on again.
- 904E** **SIGNON PARAMETER = parameter INVALID**
- Explanation:** An invalid parameter was entered on a SIGNON card.
- System Action:** The sign on is not allowed.
- Operator Response:** Correct the SIGNON card, and try again.
- 905I** **SIGNON OF LINKID linkid COMPLETE**
- Explanation:** A valid SIGNON card has been received from the link serving linkid and the initialization of the SIGNON parameters is complete.
- System Action:** The system now begins to transfer files.
- Operator Response:** If only output files are to be handled, no action need be taken. If you want to transfer input to VM/370, follow the operator procedure for initiating card input.
- 906E** **INVALID SML BUFFER PARAMETER -- LINK linkid NOT ACTIVATED**
- Explanation:** The RSCS operator specified an invalid SML buffer size in the buffer option of the PARM field of the RSCS START command.
- System Action:** The specified link is not activated.
- Operator Response:** Reissue the command with the correct SML buffer size.
- 907E** **SIGNON TYPE PARAMETER MISSING**
- Explanation:** The TYPE parameter on the SIGNON card was omitted.
- System Action:** The signon is not allowed.
- Operator Response:** Correct the SIGNON card, reload the station, and sign on again.
- 934E** **ID CARD MISSING ON LINK linkid -- INPUT FILE PURGED**
- Explanation:** A file was entered at a remote station without an ID card identifying the destination.
- System Action:** The input file is flushed.
- Remote Operator Action:** Place an ID card on the front of the input deck and reenter the input file.

935E

LINK linkid IN RJE MODE -- PRINT FILE spoolid PURGED

Explanation: When DMTSML is operating as an RJE (Remote Job Entry) station to a remote batch system, it is unable to transfer print files.

System Action: The specified file is purged.

Operator Response: None.

User Response: The file must be transmitted over a different link.

936E

NO REMOTE PUNCH AVAILABLE ON LINK linkid -- FILE spoolid PURGED

Explanation: The remote station operating on this link has no remote punch available; therefore, punch files destined for this link cannot be processed.

System Action: The specified file is purged.

Operator Response: None.

User Response: The file must be transmitted over a different link.

937E

DECOMPRESSION ERROR ON linkid -- LINK DEACTIVATED

Explanation: The remote station has transmitted data that cannot be decompressed correctly.

System Action: The link is deactivated.

Operator Response: Follow operator procedure to restart link after following local corrective procedure.

Interactive Problem Control System (IPCS) Messages

VM/SP HPO adds no additional functions to the Interactive Problem Control System (IPCS). Hence, these messages refer to VM/370 Release 6 not to the VM/Interactive Problem Control System Program Product (5748-SA1).

100S

ERROR 'nnn' READING FILE 'fn ft fm'

Explanation: An error occurred during the execution of an FSREAD macro against file 'filename filetype fm.' For a description of error 'nnn', see the FSREAD macro in the *VM/SP CMS Command and Macro Reference*.

System Action: RC = 8
Processing stops and returns to CMS.

User Response: Check the macro description to see what type of failure nnn indicates. Correct the error and retry.

200S

ERROR 'nnn' WRITING FILE 'fn ft fm'

Explanation: An error occurred during the execution of an FSWRITE macro against file 'filename filetype fm.' For a description of error 'nnn', see the FSWRITE macro in the *VM/SP CMS Command and Macro Reference*.

System Action: RC = 8
Processing stops and returns to CMS.

User Response: Check the macro description to see what type of failure nnn indicates. Correct the error and retry.

300S

ERROR 'nnn' ON FSSTATE 'fn ft fm'

Explanation: An error occurred during the execution of an FSSTATE macro against file 'filename filetype fm.' For a description of return code 'nnn', see the FSSTATE macro in the *VM/SP CMS Command and Macro Reference*.

System Action: RC = 8
Processing stops and returns to CMS.

User Response: Check the macro description to see what type of failure 'nnn' indicates. Correct the error and retry.

400S

ERROR 'nnn' CLOSING 'fn ft fm'

Explanation: An error occurred during the execution of an FSCLOSE macro against file 'filename filetype fm.' For a description of return code 'nnn', see the FSCLOSE macro in the *VM/SP CMS Command and Macro Reference*.

System Action: Processing stops and returns to CMS.

User Response: Check the macro description to see what type of failure nnn indicates. Correct the error and retry.

- 500S** **ERROR 'nnn' WRITING TO VIRTUAL PRINTER**
- Explanation:** An error occurred during the execution of a PRINTL macro to the virtual printer. For a description of the return code, see PRINTL Macro in *VM/SP CMS Command and Macro Reference*.
- System Action:** Processing continues.
- User Response:** Check the macro description to see what type of failure 'nnn' indicates. Correct the error and retry.
- 501S** **INVALID PARM 'badparm' PASSED TO SYMPTOM SUMMARY UPDATE PROGRAM**
- Explanation:** The program or EXEC that called SUMMARY passed an invalid request or a problem number not in the format PRBnnnnn, where nnnnn must be numeric. If a user program or EXEC was being executed, correct the parameter being passed to SUMMARY and retry.
- System Action:** RC = 8
Execution of the command is terminated. The system remains in the same state as before the command was issued.
- User Response:** If PROB, PRB, or VMFDUMP was being executed, collect the console log and call your IBM programming support representative. If a user program or EXEC was being executed, correct the parameter being passed to SUMMARY and retry.
- 502S** **PROBLEM 'PRBnnnnn' NOT FOUND IN SYMPTOM SUMMARY**
- Explanation:** Problem nnnnn was not found in the symptom summary file.
- System Action:** RC = 4
Execution of the command is terminated. The system remains in the same state as before the command was issued.
- User Response:** Retry the command supplying the correct problem number.
- 601I** **OPERAND 'operand' NOT RECOGNIZED**
- Explanation:** The system received a search argument that was not recognized by the STAT command.
- System Action:** RC = 4
Execution of the command is terminated. The system remains in the same state as before the command was issued.
- User Response:** Retry the command specifying the correct operand(s).
- 700I** **TYPE 'HELP' OR ENTER**
- Explanation:** You have the opportunity to bypass a display of the DUMPSCAN subcommand summary.
- System Action:** Processing continues.
- User Response:** If you wish to display a summary of DUMPSCAN commands, type HELP. Otherwise, press the ENTER key or its equivalent.

701R

ENTER DUMP NUMBER AND MODE

Explanation: You are required to specify the dump number and mode.

System Action: Processing continues.

User Response: Enter the numeric part of the dump file name, followed by the disk mode. Leading zeros are not required, so for PRB00056 on the A-disk, enter 56 A. If the mode is omitted, A is assumed unless you are changing dumps within a session, in which case the previous mode is used.

702I

NON-HEX CHARACTER IN COUNT - RETRY

Explanation: The count field in the input line contains a non-hexadecimal character.

System Action: Processing continues.

User Response: Make sure the count field contains only hexadecimal characters and reenter the subcommand.

703I

NON-HEX CHARACTER IN ADDRESS - RETRY

Explanation: The address field contains a non-hexadecimal character.

System Action: Processing continues.

User Response: Correct the input and retry.

705E

ERROR IN ITEM TABLE

Explanation: While counting entries in the item table, the indicator for the end of the table was not found. Indicates that CP was unable to write the dump correctly or the dump has been damaged.

System Action: Processing continues.

User Response: Some DUMPSCAN functions may still be available. Beware of unlikely results.

706I

'entry name' NOT FOUND IN THE LOAD MAP

Explanation: The name displayed was entered to request a load map search and display function. However, the name was not found in the load map.

System Action: Processing continues.

User Response: Make sure that the entry point or module name is correct and retry the subcommand supplying the correct module name.

- 707I** 'module' 'page' PAGE NOT VALID
- Explanation:** The page table entry for the virtual address page where 'module' was initially loaded was marked invalid and so could not be displayed.
- System Action:** Processing continues.
- User Response:** None.
- 708I** PAGE 'page' NOT FOUND IN DUMP
- Explanation:** This virtual address was not represented by an entry in the item table. This means it was not dumped at the time the dump was taken.
- System Action:** Processing continues.
- User Response:** Try another address.
- 709I** NO VALID SCROLL ADDRESS
- Explanation:** A SCROLL or SCROLL U request must follow some other request that generates a display that has an address associated with it. This has not happened yet in this DUMPSCAN session. Note that SCROLL will scroll from the last address that was displayed.
- System Action:** Processing continues.
- User Response:** Enter an address in the area you wish to examine by using 'DISPLAY hexloc'.
- 710I** NON-NUMERIC COUNT CHARACTER - RETRY
- Explanation:** The count field contains a non-numeric character.
- System Action:** Processing continues.
- User Response:** Correct the input and retry.
- 711I** LOOP IN VMBLOK CHAIN
- Explanation:** While searching through the VMBLOK chains for entries no end was found to the chain.
- Note:** This message will occur if more than 256 users were logged on the system at the time of dump.
- System Action:** Processing continues.
- User Response:** May indicate an overlay problem. Other DUMPSCAN functions may still be available. Continue.

712I

DEVICE 'addr' NOT FOUND

Explanation: On a real or virtual device request, the specified device was not found.

System Action: Processing continues.

User Response: Make sure the specified device is included in the system that produces the dump. Retry the subcommand.

713I

USER 'userid' VMBLOK NOT FOUND

Explanation: The specified 'userid' was not found so the VIO request could not be honored.

System Action: Processing continues.

User Response: None.

714I

NON-HEX CHARACTER IN INPUT - RETRY

Explanation: DMMHEX detected a nonhexadecimal character.

System Action: Processing continues.

User Response: Correct the input and retry.

715I

NON-HEX CHARACTER IN STRING

Explanation: The input string must consist of valid hexadecimal characters or asterisks.

System Action: Processing continues.

User Response: Correct the input and retry.

716I

STRING 'string' {NOT FOUND|NOT FOUND BEFORE END}

Explanation: The requested string was not found within the limits given or, if indicated, before the end of dump was reached.

System Action: Processing continues.

User Response: Check that the string is as you intended, and retry the subcommand.

717I

INVALID FORM OF LOCATE COMMAND

Explanation: The input on a LOCATE command was not in the proper format; that is

Locate string fromhexloc tohexloc [increment]

where:

string is up to 16 hexadecimal digits

fromhexloc is an address up to six significant digits in length not higher than tohexloc

tohexloc is an address up to six digits that is higher than fromhexloc
increment is an optional hexadecimal number from 1 to 1000

System Action: Processing continues.

User Response: Correct the input format and retry the subcommand.

718I

THIS DUMP HAS NO LOAD MAP -- SEE MAP SUBCOMMAND

Explanation: The compressed load map was not found at the end of the dump, possibly because NUC MAP was not available to VMFDUMP or was invalid. All DUMPSCAN functions except DMK? and DMKmmmee are still valid.

System Action: RC = 4
Processing continues.

User Response: You may continue to use DUMPSCAN except for the DMK? subcommand and the DMKmmmee subcommand. If there is a valid CP nucleus load map available and if the dump is on the A-disk with write access, you may use the MAP subcommand to add the LOADMAP to the dump.

719I

ERROR 'nnn' IN FSSTATE FILE 'filename filetype fm'

Explanation: FSSTATE macro failed to find the dump file specified by your reply to DMMDSC701R.

System Action: Processing continues.

User Response: Consult the *VM/SP CMS Command and Macro Reference* for a description of error nnn in the FSSTATE macro. Correct the problem and retry.

720I

LOAD MAP ALREADY PRESENT

Explanation: The MAP subcommand was issued against a dump that already had a LOAD MAP appended.

System Action: Processing continues.

User Response: None.

721I

&NAME TABLE IS FULL

Explanation: You have run out of space in the &NAME table. The table can hold up to 32 tokens, either &NAMEs or subcommand operands.

System Action: Processing continues.

User Response: You may replace a long &NAME entry with a shorter one or you may terminate the session and restart. This procedure clears out the table.

722I

INVALID ENTRY INTO &NAME TABLE

Explanation: The &NAME subcommand has found an invalid operand. See restrictions in the usage notes for DUMPSCAN.

System Action: Processing continues.

User Response: Reissue the subcommand using the correct operand.

723I

THE DUMP IS NOT ON THE A-DISK

Explanation: The MAP subcommand requires the dump to be on the A-disk.

System Action: Processing continues.

User Response: Copy the dump to the A-disk of your virtual machine before issuing the MAP subcommand.

724I

{AP|MP} RIOBLOKS REQUESTED IN UNIPROCESSOR DUMP

Explanation: The subcommand AREGS or MREGS was issued against a dump taken on a machine running in uniprocessor mode.

System Action: Processing continues.

User Response: Verify that you are examining the correct dump. To see the registers, the PSW, etc., issue the REGS command.

800S

DATA EXTRACTION FAILURE

Explanation: Necessary portions of the dump file (PSA, symbol table, etc.) cannot be read. Control is returned to DMMEDM and processing halts.

System Action: IPCS processing halts. Control is returned to CMS. The problem report is not created.

User Response: Retry the command when the cause of the READ failure is determined.

801I

NUC MAP 'filename filetype fm' IS NOT VALID FOR THIS DUMP

Explanation: The DMKCPEND address found in the dump and the one found in the load map (file NUC MAP) were not the same, indicating a back level load map. Processing in DMMMAP continues.

System Action: Messages DMMMAP802I and DMMMAP806R are subsequently issued requesting the name and location of the nucleus load map.

User Response: Respond to message DMMMAP806R.

802I

PROCEEDING....

Explanation: This message follows a previous error message indicating that even though an error was encountered, further processing will be attempted.

System Action: Processing continues. Message DMMMAP806R follows.

User Response: Respond to message DMMMAP806R.

803S

ERROR 'nnn' ATTEMPTING TO LOADMOD VMFDUMP2

Explanation: VMFDUMP exceeds 64K in size; thus, it must be loaded in two sections. DMMINI is responsible for loading the second section (called VMFDUMP2) as soon as DMMEDM makes the first call to DMMINI.

System Action: If the LOADMOD is not successful, VMFDUMP processing is halted immediately.

User Response: For support instructions refer to *VM/370 IPCS User's Guide*.

804I

ERROR IN DATA EXTRACTION

Explanation: The text portion of the problem report may not be complete due to the absence of supporting information (for example, NUC MAP A1 does not match the system). This message is also issued if subroutines, such as DMMGRC, encounter an error reading from the dumpfile, or DMMCPA cannot recognize the abend code.

System Action: IPCS processing continues to extract as much data as possible. This message occurs on the terminal as well as in the text portion of the problem report.

User Response: None.

805I

xxxxxx ABEND CODE NOT DOCUMENTED

Explanation: This message is issued in module DMMCPA if the abend code in the dump does not compare with any abend code in the lookup table.

System Action: Processing continues.

User Response: Either the abend code in the dump is overlaid or an unknown abend code has been generated. Call your IBM program support representative.

806R

ENTER 'filename filetype fm' OF NUCLEUS LOAD MAP OR NULL LINE

Explanation: This message is issued after it is determined that file NUC MAP A is not found or invalid.

System Action: Processing halts and the system waits for a reply.

User Response: Enter the filename, filetype, and filemode of the nucleus load map that corresponds to the level of the dump being processed. If the information is not available, a 'null' entry will cause processing to continue on a limited basis. If a null entry is made, the sorted, compressed load map will not be appended to the dump.

807I

UNABLE TO LOCATE 'filename filetype filemode'

Explanation: After you responded to message DMMMAP806R, DMMMAP was unable to locate the filename entered.

System Action: Processing continues. DMMMAP806R is reissued.

User Response: Respond to message DMMMAP806R with name and location of the nucleus load map.

808I

NUCLEUS MAP INVALID 'fn ft fm'

Explanation: Issued after you respond to message DMMMAP806R and the address of DMKCPEND in the dump does not correspond to the address of DMKCPEND in the load map.

System Action: Processing continues. Message DMMMAP806R is reissued.

User Response: Respond to DMMMAP806R with name and location of the nucleus load map.

809I

REQUESTED ADDRESS NOT IN DUMP

Explanation: An address passed to the dump record read routine could not be found in the dump. Probably caused by a storage overlay or an invalid register address in the dump.

System Action: IPCS data extraction continues to gather dump information on a limited basis depending on the nature of the error.

User Response: None.

810I

ERROR 'nnn' READING FILE 'fn ft fm'

Explanation: An error occurred trying to read either NUC MAP or the file you specified in reply to message DMMMAP806R.

System Action: Processing continues.

User Response: For an explanation and detailed description of error nnn see the FSREAD macro in the *VM/SP CMS Command and Macro Reference*. Correct the error and reply to the following DMMMAP806R message with the fileid or null.

850I

UNABLE TO READ DUMP FROM READER

Explanation: The VMFDUMP command was unable to read the 3704/3705 dump or the system abend dump from the CP spool file through the CMS card reader. One of the following conditions may have caused this error:

- The reader is not at address 00C
- The reader at 00C is already in open status from a previous operation
- The device in the virtual machine at 00C is not a CP spool card reader device.

User Response: Verify that the virtual machine configuration is correct for performing a VMFDUMP operation and that the card reader at 00C is a spool card reader in closed status.

851I

TEN DUMP FILES ALREADY EXIST

Explanation: The command has not been executed because ten dump files with names DUMP00 through DMP09 already exist on the CMS disk being accessed.

System Action: The command is terminated.

User Response: Purge one or more of the unwanted dump files or rename any of the existing dump file using the CMS RENAME command. Reissue the command so that a dump file can be automatically created.

852I

FATAL I/O ERROR WRITING DUMP

Explanation: An unrecoverable I/O error occurred during the writing of the 3704/3705 dump or the system abend dump on the CMS disk being accessed. The message is preceded by CMS error messages for the disk function.

User Response: Reissue the command after taking action to bypass the I/O errors on the CMS disk being accessed.

853I

NO DUMP FILES EXIST

Explanation: The VMFDUMP command was specified, and the return from the CP interface indicates that no dump files exist for this user.

User Response: Verify that the dump files produced by the CP system have the userid and the class required, and that this user's userid and class on the card reader match that of the dump, so that a dump file can be read. If no dump files exist, VMFDUMP does not have to be issued. If the dump file exists under a different userid, have the operator transfer that file to the required userid, so that it can be accessed. Also, verify that the input class of the spool card reader at 00C is class D, so that it can read the dump file.

860I

FATAL I/O ERROR READING DUMP

Explanation: During the reading of the dump from the CMS disk, an unrecoverable I/O error occurred. This message is preceded by a CMS message indicating the disk failure.

User Response: Take corrective action to bypass the I/O error. Then reissue the command requesting to print the dump previously loaded onto the disk.

861E

DUMP FILE 'filename' NOT FOUND

Explanation: The command was specified requesting a printout of a specific dump file, and that file could not be found on the CMS disks that were currently accessed.

User Response: Verify that the correct dump file was specified and that the correct disks are accessed by CMS. Then reissue the command, requesting the specified dump file.

863E

INVALID PARAMETER - parameter

Explanation: The command was specified with a list of options, one of which is not recognized by the command.

System Action: The command is not executed.

User Response: Reissue the command; specify only valid options as defined in the command syntax.

864I

PAGE REFERENCED NOT AVAILABLE WHILE EDITING xxxxxxxx

Explanation: During the format dump phase of the VMFDUMP command, a page was referenced in one of the CP control blocks (identified by 'xxxxxxx'), and that page is not available because it is beyond the range of the CP nucleus.

System Action: VMFDUMP attempts to continue formatting at the next valid control block.

User Response: No action can be taken on the part of the user to circumvent this problem since it usually indicates CP system software failures that caused the addressing of unreferenced pages.

Device Support Facility Program Messages

101W

INVALID CARD CODE. CORRECT ERROR. DEPRESS INTERRUPT KEY.

Explanation: An invalid code appears in the above card. Probable user error.

User Response: Check for keypunch or multipunch errors. Correct and rerun the job. If the problem persists, have the console log and input card deck available before contacting your system support personnel.

102A

CONTROL STATEMENT ERROR JOB TERMINATED

Explanation: A control statement contains an incorrect keyword, parameter, or name field. Probable user error.

User Response: Check for keypunch errors. Correct invalid keyword, parameter, or name fields. Rerun the job. If the problem persists, have the console log and input card deck available before contacting your system support personnel.

103A

STATEMENT SEQUENCE ERROR. JOB TERMINATED.

Explanation: The control statements are not in the proper sequence, or unnecessary utility statements are present. Probable user error.

User Response: Correct the control statement sequence or remove unnecessary statements and rerun the job. If the problem persists, have the console log and the input card deck available before contacting your system support personnel.

104W

SVC INTERRUPT. JOB TERMINATED.

Explanation: An unknown SVC interrupt occurred. This program does not issue SVCs.

Operator Response: If the problem persists, have the console log and input card deck available before contacting your system support personnel.

- If running under CMS, or standalone under CP, use the CP DUMP command to dump all of virtual storage and the virtual registers to the printer. Save the dump output.
- If running standalone on a bare machine, take a standalone dump and save the output.

105A

DEFINE INPUT DEVICE.

Explanation: The input device must be identified to the system by the operator.

Operator Response: Enter the following statement from the console typewriter:

```
INPUT=dddd, addr
```

where dddd is the device type and addr is the address of the input device.

106A

**THE VOLID IN CONTROL STATEMENT DOES NOT AGREE WITH ID
IN VOL LABEL WHICH FOLLOWS.**

VOLID = xxxxxx.

Explanation: The VOLID parameter in the control statement did not match the volume serial number found on the receiving volume (xxxxxx). Probable user error.

Operator Response: Correct the statement or mount the correct volume and restart the program. If the problem persists, have the console log and input deck available for reference before contacting your system support personnel.

- If the device referenced on the control statement was a tape unit, have the tape available.
- If the device referenced on the control statement is a direct access device, use the DDR service program to print track 0 and have the output available.

107W

TRACK ZERO BAD. JOB TERMINATED.

Explanation: The device cannot be initialized as a systems residence volume due to a defective surface on cylinder 00, track 00.

User Response: This volume cannot contain IPL text as track 0 is defective. Mount another volume and rerun the job. If the problem persists, have the console log and input card deck available before contacting your system support personnel.

Caution: Move suspect volume once to ascertain fault. Indiscriminate mounting and demounting of desk packs may cause the destruction of packs and drives.

108A

HA OR RO FIELD BAD. JOB TERMINATED.

Explanation: The device cannot be initialized due to a bad surface area in the home address or track descriptor record areas.

User Response: Mount another pack and rerun the job. If the problem persists, have the console log and input card deck available before contacting your system support personnel.

Caution: Move suspect volume once to ascertain fault. Indiscriminate mounting and demounting of desk packs may cause the destruction of packs and drives.

108I

HA OR RO FIELD BAD.

Explanation: The home address or record zero was defective and has been moved down the track (on a 2314 or 2319 disk). The defective track and the alternate track assigned are listed.

User Response: None.

109I

TRACK CHK INDICATES TRACK IS GOOD.

Explanation: The track in question is good and no alternate was assigned.

User Response: None.

110I

BAD TRACK cccchhhh.

Explanation: A defective track was found at the specified location, where cccc is the cylinder number and hhhh is the head number.

User Response: Make sure that the alternate track assignment message was issued for each bad track.

111I

ALTERNATE cccchhhh.

Explanation: An alternate track at the specified location is assigned to replace the defective track (cccc is the cylinder number and hhhh is the head number). If no location is specified with this message, either the defective track is in the alternate track area or the applicable device is a drum device.

User Response: None.

Note: If an alternate track is bad and another alternate is assigned the second alternate will not indicate cchh.

112W

ALT TRACKS DEPLETED. JOB TERMINATED.

Explanation: The number of alternate tracks assigned has exceeded the maximum number for this device.

User Response: Mount another volume and rerun the job. If the problem persists, have the console log and input card deck available before contacting your system support personnel.

Caution: Move suspect volume once to ascertain fault. Indiscriminate mounting and demounting of disk packs may cause the destruction of packs and drives.

113W

IMPROPER VTOC BEGIN ADDRESS. JOB TERMINATED.

Explanation: The starting address for the VTOC (volume table of contents) cannot be track 0 for any direct access device or track 1 for the 2311 if IPL text is written by the program. Probable user error.

User Response: Change the STRTADR parameter on the VTOCD statement to use another track. If the problem persists, have the console log, input card deck and program listing available before contacting your system support personnel.

Note: The VTOC cannot occupy track 0, occupy track 1 on 2311, or start on an alternate track.

- 153A** **TYPEWRITER FAILED TO READ LAST MESSAGE. DEPRESS INTERRUPT KEY.**
- Explanation:** The console typewriter failed to read the input message.
- Operator Response:** Press the console interrupt key and attempt to enter the input message again. If the problem persists, contact your system support personnel.
- 154A** **READY READER addr. DEPRESS INTERRUPT KEY.**
- Explanation:** The reader has a card jam, a transport jam, or is out of cards.
- Operator Response:** Correct the faulty condition, ready the reader, and press the console interrupt key to continue the program. If the card or transport jam occurs again, reproduce the jammed cards and try again. If the problem persists, contact your system support personnel.
- 155A** **READY PRINTER addr. DEPRESS INTERRUPT KEY.**
- Explanation:** The printer is not ready due to a forms check, an open interlock, or a pressed stop key.
- Operator Response:** Correct the faulty condition, ready the printer, and press the console interrupt key to continue. If the problem persists, and the printer has become not-ready without a faulty condition apparent, contact your system support personnel.
- 156A** **READY TAPE addr. DEPRESS INTERRUPT KEY.**
- Explanation:** The tape drive at the address displayed is not ready.
- Operator Response:** Correct the faulty condition, ready the tape drive, and press the console interrupt key. If the problem persists, and the tape drive had become not ready for no apparent reason, contact your system support personnel.
- 157A** **READY DASD addr. DEPRESS INTERRUPT KEY.**
- Explanation:** The tape drive at the address displayed is not ready.
- Operator Response:** Correct the faulty condition, ready the direct access drive, and press the console interrupt key. If the problem persists, and the direct access drive has become not ready for no apparent reason, contact your system support personnel.
- 159A** **READER CHECK. CORRECT ERROR. DEPRESS INTERRUPT KEY.**
- Explanation:** A reader check has occurred.
- Operator Response:** Correct the faulty condition and clear the reader check. Ready the reader and continue the program by pressing the console interrupt key. If reader checks occur frequently, check the input cards with a card guide for off punched cards. If the cards are punched correctly and are in good condition and reader checks continue, contact your system support personnel.

160A

PRINT CHECK. CORRECT ERROR. DEPRESS INTERRUPT KEY.

Explanation: A print check has occurred.

Operator Response: Clear the print check by pressing check reset on the printer. Press the interrupt key on the console to continue processing. If the problem persists, contact your system support personnel.

163A

END OF JOB.

Explanation: A normal end of job has occurred.

Diagnostic Messages for Device Support Facility

Diagnostic messages appear in the following format:

**number (16-byte text) addr xx ssss yyyyyyyyyyyy
mmmmmmmmmmmmmmmmmmmm cccchhhh**

where:

addr

is the address of the device in error

xx

is the command code

ssss

designate status bytes from the CSW

yyyyyyyyyyyy

designate the first six sense bytes

mmmmmmmmmmmmmmmmmmmm

designate the remaining sense bytes for direct access devices

cccchhhh

is the track address of the direct access device being used when the failure occurred

201W

COMMAND REJECT.

Explanation: The specified channel has rejected an incorrect channel command word (CCW) list. The job is terminated.

Operator Response: Rerun the job. If the problem persists, do the following before contacting your system support personnel;

- If running under CMS, or standalone under CP, issue the CP dump command to dump all of virtual storage and the virtual registers to produce a storage dump to a printer. Save the dump output.
- If running standalone on a bare machine, take a standalone dump and save the output.

202A

INTERV. REQUIRED.

Explanation: The specified device is not ready.

Operator Response: The specified device requires operator intervention to make it ready. If the device becomes not ready for no apparent reason, contact your system support personnel.

203W

BUS. OUT CHECK.

Explanation: A bus out check has occurred on the specified channel. Job is terminated. Probable hardware error.

Operator Response: If the problem persists, have the console log and input card deck available before contacting your system support personnel.

204W

EQUIPMENT CHECK.

Explanation: An equipment failure has occurred. The job is terminated.

Operator Response: If the problem persists, contact your system support personnel.

205W

DATA CHECK.

Explanation: A solid data check has occurred on the specified device. The job is terminated. Probable hardware error.

Operator Response: If the problem persists, contact your system support personnel.

206W

OVERRUN.

Explanation: An overrun check has occurred on the specified channel. The job is terminated.

Programmer Response: Rerun the job. If the problem persists, contact your system support personnel.

208W

DATA CONV. CHECK.

Explanation: A data converter check has occurred on the specified device. The job is terminated.

Operator Response: Move data to another device and rerun the job. If the problem persists, contact your system support personnel.

209W

END OF CYLINDER.

Explanation: An unusual end-of-cylinder condition has occurred on the specified device. The job is terminated.

Programmer Response: Rerun the job. If the problem persists, contact your system support personnel.

210W

INVALID ADDRESS.

Explanation: An invalid address has been issued to the specified device. The job is terminated.

Programmer Response: Determine if the cccchhhh address shown in the message is valid for the device indicated. If the problem persists, have the console log and associated output available before contacting your system support personnel.

211W

NOT AVAILABLE.

Explanation: The specified device is not attached to the system. The job is terminated.

Operator Response: Ensure that the ENABLE/DISABLE switch on the device and/or control unit is in the ENABLE position. If the problem persists, contact your system support personnel.

212W

READ DATA CHECK.

Explanation: A permanent read data check has been detected on the specified tape unit. The job is terminated.

Operator Response: Clean tape unit read/write heads and rerun the job. If the error persists, contact your system support personnel.

214W

TRACK OVERRUN.

Explanation: A track overrun condition has occurred. The job is terminated.

Operator Response: Rerun the job. If the problem persists, do the following before contacting your system support personnel:

- If running under CMS, or standalone under CP, issue the CP DUMP command to dump all of virtual storage and the virtual registers to a printer. Save the dump output.
- If running standalone on a bare machine, take a standalone dump and save the output.

215W

FILE PROTECTED.

Explanation: The specified device is file protected. The job is terminated.

Operator Response: If the volume is to be read only, no response is necessary. If the volume is to be written on and the device is a tape unit, install a write-enable ring. If the problem persists, contact your system support personnel.

217W

NO RECORD FOUND.

Explanation: The indicated condition has occurred on the specified direct access device. The job is terminated.

Operator Response: If the problem persists, contact your system support personnel.

218W

INVALID ERROR.

Explanation: An invalid error return has occurred. The job is terminated.

Operator Response: Rerun the job. If the problem persists, contact your system support personnel.

219W

WRONG ERROR.

Explanation: The error return is valid but is not associated with the specified device. The job is terminated. Probable hardware error.

Operator Response: Rerun the job. If the problem persists, contact your system support personnel.

220W

CHAN. CTRL. ERROR.

Explanation: A channel control check has occurred on the specified channel. The job is terminated. Probable hardware error.

Operator Response: Rerun the job. If the error persists, execute the SEREP program and have the output available before contacting your system support personnel.

221W

INTERFACE ERROR.

Explanation: An interface control check has occurred on the specified channel. The job is terminated. Probable hardware error.

Operator Response: Rerun the job. If the error persists, execute the SEREP program and have the output available before contacting your system support personnel.

222W

CHAN. DATA CHECK.

Explanation: A channel data check has occurred on the specified channel. The job is terminated. Probable hardware error.

Operator Response: Rerun the job. If the error persists, execute the SEREP program and have the output available before contacting your system support personnel.

223W

DASD OVERFLOW.

Explanation: An "overflow incomplete" condition has occurred on the specified direct access device. The job is terminated. Probable hardware error.

Operator Response: Rerun the job. If the problem persists, contact your system support personnel.

224W

PROGRAM CHECK.

Explanation: A program check has occurred due to an incorrect channel command word (CCW). The job is terminated.

Operator Response: Rerun the job. If the problem persists, do the following before contacting your system support personnel:

- Have the associated control cards and output listing available.
- If running under CMS, or standalone under CP, issue the CP DUMP command to dump all of virtual storage and the virtual registers to a printer. Save the dump output.
- If running standalone on a bare machine, take a standalone dump and save the output.

225W

PROTECTION CHECK.

Explanation: A protection check has occurred on the specified device. The job is terminated.

Operator Response: Rerun the job. If the problem persists, do the following before contacting your system support personnel:

- If running under CMS, or standalone under CP, issue the CP DUMP command to dump all of virtual storage and the virtual registers to a printer. Save the dump output.
- If running standalone on a bare machine, take a standalone dump and save the output.

226W

UNIT EXCEPTION.

Explanation: A unit exception has occurred on the specified unit. The job is terminated.

Operator Response: None.

227W

INCORRECT LENGTH.

Explanation: The indicated condition has occurred on the specified unit. The job is terminated.

Operator Response: Rerun the job. If the problem persists, contact your system support personnel.

228W

CHAINING CHECK.

Explanation: A chaining check has occurred on the specified channel. The job is terminated. Probable hardware error.

Operator Response: Do the following before contacting your system support personnel:

- If running under CMS, or standalone under CP, issue the CP DUMP command to dump all of virtual storage and the virtual registers to a printer. Save the dump output.
- If running standalone on a bare machine, take a standalone dump and save the output.

229W

COMMAND SEQ. ERR.

Explanation: An invalid sequence of channel command words (CCWs) was issued. The job is terminated. Probable hardware error.

Operator Response: Rerun the job. If the problem persists, do the following before contacting your system support personnel:

- If running under CMS, or standalone under CP, issue the CP DUMP command to dump all of virtual storage and the virtual registers to a printer. Save the dump output.
- If running standalone on a bare machine, take a standalone dump and save the output.

230W

SEEK CHECK ERROR.

Explanation: An invalid SEEK address was issued, or a unit malfunction caused a SEEK check. The job is terminated. Probable hardware error.

Operator Response: Rerun the job. If the problem persists, have the console log and input deck available before contacting your system support personnel.

231W

WRITE DATA CHECK.

Explanation: A permanent write data check has occurred on the specified tape unit. The job is terminated.

Operator Response: Clean the read/write heads of the indicated tape unit and rerun the job. If the problem persists, contact your system support personnel.

232W

TAPE -- LOAD POINT.

Explanation: A "tape at load point" condition has occurred on the specified tape unit. The job is terminated.

Operator Response: None.

234W

MISSING ADR-MARK.

Explanation: A "missing address marker" condition has occurred on the specified device. The job is terminated.

Operator Response: None. If the problem persists, contact your system support personnel.

235W

BLANK TRACK.

Explanation: A blank track has been encountered on the specified data cell.

Operator Response: None. If the problem persists, contact your system support personnel.

236W

3 BLANK CYLINDERS.

Explanation: Three blank cylinders have been encountered during the analysis of a strip.

Operator Response: Probable hardware error. Call IBM for hardware support.

Note: This message usually indicates that a 2321 failed to "pick" a strip.

237W

3 BLANK STRIPS.

Explanation: Three blank strips have been encountered within one subcell.

Operator Response: Probable hardware error. Call IBM for hardware support.

Note: This message usually indicates that a 2321 failed to "pick" a strip.

238W

3 BLANK SUBCELLS.

Explanation: Three blank subcells have been encountered within a cell.

Operator Response: Probable hardware error. Call IBM for hardware support.

Note: This message usually indicates that a 2321 failed to "pick" a strip.

239W

3 BLANK TRACKS.

Explanation: Three blank tracks have been encountered within one cylinder.

Operator Response: Probable hardware error. If the problem persists, call IBM for hardware support.

Note: This message usually indicates that a 2321 failed to "pick" a strip.

242W

INVALID TRK FMT

Explanation: An attempt was made to write data exceeding track capacity on the specified device. The job is terminated.

Operator Response: Check your input specification and retry. If the problem persists, contact your system support personnel.

243W

WRITE INHIBITED

Explanation: The WRITE INHIBIT switch is probably set ON in the 3330 control unit to inhibit execution when the WRITE command is encountered.

Operator Response: Check the status of the WRITE INHIBIT switch:

- If the WRITE INHIBIT switch is set ON to intentionally inhibit execution of WRITE commands, follow procedures established at your installation.
- If the WRITE INHIBIT switch is set off to allow execution of WRITE commands, rerun the job. If the problem persists, contact your system support personnel.

249W

I/O ERROR, JOB TERMINATED.

Explanation: This message follows all messages that describe input/output error conditions.

Appendix A. Command-to-Message Cross-Reference

This appendix contains an alphabetical listing of CP, CMS, RSCS, and IPCS commands, together with their associated messages. Under each command, the messages are listed in message-number sequence within module code.

Note: RSCS and IPCS messages remain at the VM/370 Release 6 level.

CP Message Summary

ACNT

DMKACO425E I/O ERROR ON SPOOL DEVICE DURING ACCOUNTING
DMKCPV003E INVALID OPTION - option
DMKCPV007E INVALID USERID - userid
DMKCPV020E USERID MISSING OR INVALID
DMKCPV045E userid NOT LOGGED ON

ADSTOP

DMKCFD004S INVALID HEXLOC - hexloc
DMKCFD026E OPERAND MISSING OR INVALID
DMKCFD160E HEXLOC hexloc EXCEEDS STORAGE
DMKCFD164E HEXLOC hexloc NON-ADDRESSABLE STORAGE
DMKVMA181E SHARED SYSTEM name REPLACED WITH NON-SHARED COPY
DMKCFD291E COMMAND REJECTED; {PMA|SPMODE} IN USE

ATTACH

DMKNEA011E INVALID DEVICE TYPE - userid vaddr
DMKNEA120E type raddr NOT ATTACHED; userid vaddr ALREADY DEFINED
DMKNEA121E PRT resid NOT ATTACHED TO userid
DMKNEA122E type raddr ALREADY ATTACHED TO userid
DMKSST070E DEVICE NOT AVAILABLE - MSS DEVICES ALLOCATED
DMKSSS071E DEVICE NOT AVAILABLE - MSS CANNOT BE ACCESSED
DMKSSS072E DEVICE NOT AVAILABLE - raddr NOT PROPER TYPE
DMKSST074I MISSING INTERRUPT - DEVICE 'raddr'
DMKSSS075E DEVICE 'valid' IS NOT AVAILABLE
DMKSSS078I MSS MOUNT PROCEEDING FOR VOLUME 'valid'
DMKSSU074I MISSING INTERRUPT - DEVICE 'vaddr'
DMKVDE003E INVALID OPTION - option
DMKVDE006E INVALID DEVICE TYPE - raddr
DMKVDE011E INVALID DEVICE TYPE - userid vaddr
DMKVDE020E USERID MISSING OR INVALID
DMKVDE021E RADDR MISSING OR INVALID raddr
DMKVDE022E VADDR MISSING OR INVALID vaddr
DMKVDE023E VOLID MISSING OR INVALID
DMKVDE034E CHANNEL MISSING OR INVALID
DMKVDE040E DEV raddr DOES NOT EXIST
DMKVDE045E userid NOT LOGGED ON
DMKVDE046E {DEV rid|type raddr} OFFLINE
DMKVDE120E {PRT rid|type raddr} NOT ATTACHED; userid vaddr ALREADY DEFINED
DMKVDE121E type raddr NOT ATTACHED TO userid
DMKVDE122E {PRT rid|type raddr} ALREADY ATTACHED to userid
DMKVDE123E DASD raddr CP OWNED
DMKVDE124E DASD raddr IN USE BY nnn USERS
DMKVDE125E DASD raddr VOLID valid ALREADY ATTACHED TO SYSTEM
DMKVDE126E DASD raddr ERROR READING VOLID
DMKVDE127E DASD raddr VOLID valid DOES NOT MATCH
DMKVDE128E DASD raddr ERROR READING ALLOCATION RECORD
DMKVDE131E INSUFFICIENT FREE STORAGE AVAILABLE FOR ATTACH REQUEST

DMKVDE133E DASD raddr NOT READY
DMKVDE134E type raddr NOT ATTACHED; CHAN x DEDICATED
DMKVDE142E type raddr NOT DRAINED
DMKVDE143E type raddr IN USE BY SYSTEM
DMKVDE151I DASD raddr NOT ATTACHED, BUSY PERSISTS, IOBSTAT=xx, IOBCSW+4=yyyy
DMKVDE153E DEVICE {vaddr|RNG} EXCEEDED MAX NUMBER OF VIRTUAL DEVICES
DMKVDE156E raddr1 raddr2 raddr3 SUBSYSTEM DEVICES NOT AVAILABLE
DMKVDE199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
DMKVDE293E CMD REJECTED; vaddr VIOLATES PMA RESTRICTION
DMKVDE329E raddr IMPROPERLY GENNED, DEVICE CANNOT BE USED AS SYSOWN
DMKVDG344W CP OWNED VOLUME volid INVALID TYPE
DMKVDS465W CTLR raddr EMULATOR LINES IN USE BY SYSTEM

ATTACH CHANNEL

DMKACR149E DEVICE PATH raddr PROC nn PRESENTED cc3 ON I/O REQUEST
DMKVCH034E CHANNEL MISSING OR INVALID
DMKVCH048E CHANNEL x DOES NOT EXIST
DMKVCH129E CHANNEL x DEVICES IN USE
DMKVCH130E CHANNEL x [PROC nn] NOT ATTACHED TO userid
DMKVCH132E CHANNEL x ALREADY DEFINED BY userid
DMKVCH147E CHANNEL x [PROC nn] NOT ATTACHED; ALTERNATE PATH DEFINED
DMKVCH188E SPECIFIED PROCESSOR UNAVAILABLE
DMKVDE020E userid MISSING OR INVALID
DMKVDE039E PROCESSOR ADDRESS MISSING OR INVALID
DMKVDE045E userid NOT LOGGED ON

AUTOLOG

DMKALG059E AUTOLOG FAILED FOR userid -
{IPL MISSING|IPL FAILED|ACCOUNTING ERROR|INCORRECT PASSWORD}
DMKALG115E AUTOLOG INVALID; EXCESSIVE INCORRECT PASSWORDS

BACKSPAC

DMKCSO003E INVALID OPTION - option
DMKCSO006E INVALID DEVICE TYPE - raddr
DMKCSO021E RADDR MISSING OR INVALID
DMKCSO040E DEV raddr DOES NOT EXIST
DMKCSO046E {DEV rid|type raddr} OFFLINE
DMKCSO140E type raddr ATTACHED TO userid
DMKCSO141E type raddr NOT ACTIVE
DMKRSE242E PRT raddr (3800) INTERVENTION REQD, STATUS CODE cc
DMKRSE252I PRT raddr FILE nnnn REQUEUED AND HELD
DMKRSE255I PRT raddr PAGE BUFFER DESTROYED, BACKUP PAGE COUNT = nnnn

BEGIN

DMKCFJ004S INVALID HEXLOC - hexloc

CHANGE

DMKCSU003E INVALID OPTION - option
DMKCSU006E INVALID DEVICE TYPE - addr
DMKCSU008E INVALID SPOOLID - spoolid
DMKCSU013E CONFLICTING OPTION - option
DMKCSU026E OPERAND MISSING OR INVALID
DMKCSU027E SPOOLID MISSING OR INVALID
DMKCSU028E CLASS MISSING OR INVALID
DMKCSU029E FNAME FTYPE MISSING OR INVALID
DMKCSU030E COPIES MISSING OR INVALID
DMKCSU032E DIST CODE MISSING OR INVALID
DMKCSU035E DEVICE TYPE MISSING OR INVALID
DMKCSU042E SPOOLID nnnn DOES NOT EXIST
DMKCSU243E FLASH MISSING OR INVALID
DMKCSU245E CHARS MISSING OR INVALID
DMKCSU246E FCB MISSING OR INVALID
DMKCSU253E MODIFY MISSING OR INVALID

CLOSE

DMKCSP003E INVALID OPTION - option
DMKCSP006E INVALID DEVICE TYPE - addr
DMKCSP013E CONFLICTING OPTION - option
DMKCSP022E VADDR MISSING OR INVALID
DMKCSP029E FNAME FTYPE MISSING OR INVALID
DMKCSP032E DIST CODE MISSING OR INVALID
DMKCSP040E DEV addr DOES NOT EXIST

COUPLE

DMKDIB006E INVALID DEVICE TYPE - vaddr
DMKDIB011E INVALID DEVICE TYPE - userid vaddr
DMKDIB020E USERID MISSING OR INVALID
DMKDIB022E VADDR MISSING OR INVALID
DMKDIB040E DEV raddr DOES NOT EXIST
DMKDIB045E userid NOT LOGGED ON
DMKDIB047E userid vaddr DOES NOT EXIST
DMKDIB058E CTC vaddr BUSY ON userid
DMKTRP002E INVALID OPERAND - operand
DMKTRP005E INVALID HEXDATA - hexdata
DMKTRP013E CONFLICTING HEXDATA - option
DMKTRP020E USERID MISSING OR INVALID
DMKTRP026E OPERAND MISSING OR INVALID
DMKTRP045E userid NOT LOGGED ON
DMKTRP304E CPTRAP IS STOPPING, NO INPUT ALLOWED
DMKTRP305I CPTRAP SELECTIVITY RESET
DMKTRP306E CPTRAP IS ALREADY ACTIVE
DMKTRP307I CPTRAP (CP/VIRTUAL) ccc INTERFACE DATA IGNORED
DMKTRP308I CPTRAP DATA LOST
DMKTRP309E OPERAND IGNORED SELECT TABLE FULL

DCP

DMKCDB003E INVALID OPTION - option
DMKCDB004S INVALID HEXLOC - hexloc
DMKCDB009E INVALID RANGE - range
DMKCDB010E INVALID REGISTER - register
DMKCDB026E OPERAND MISSING OR INVALID
DMKCDB033E HEXLOC MISSING OR INVALID
DMKCDB160E HEXLOC hexloc EXCEEDS STORAGE

DDR

DMKDDR536I raddr devname REPORTS DISABLED INTERFACE;
FAULT CODE = CCCC; NOTIFY CE
DMKDDR700E INPUT UNIT IS NOT A CPVOL
DMKDDR701E INVALID OPERAND
DMKDDR702E CONTROL STATEMENT SEQUENCE ERROR
DMKDDR703E OPERAND MISSING
DMKDDR704E DEV raddr NOT OPERATIONAL
DMKDDR705E I/O ERROR raddr CSW=csw SENSE=sense
INPUT=bbcch OUTPUT={bbcch|nnnnn} CSW=csw
DMKDDR707E MACHINE CHECK RUN SEREP AND SAVE OUTPUT FOR CE
DMKDDR708E INVALID INPUT OR OUTPUT DEFINITION
DMKDDR709E WRONG INPUT TAPE MOUNTED
DMKDDR710A DEV raddr INTERVENTION REQUIRED
DMKDDR711R VOLID READ IS volid2 [NOT volid1]
DO YOU WISH TO CONTINUE? RESPOND YES NO OR REREAD:
DMKDDR712E NUMBER OF EXTENTS EXCEEDS 20
DMKDDR713E OVERLAPPING OR INVALID EXTENTS
DMKDDR714E RECORD bbcch NOT FOUND ON TAPE
DMKDDR715E LOCATION bbcch IS A FLAGGED TRACK
DMKDDR716R NO VOL1 LABEL FOUND FOR xxxxxx DO YOU WISH TO CONTINUE?
RESPOND YES OR NO OR REREAD:
DMKDDR717R DATA DUMPED FROM volid1 TO BE RESTORED TO volid2.
DO YOU WISH TO CONTINUE? RESPOND YES NO OR REREAD:

DMKDDR718E OUTPUT UNIT IS FILE PROTECTED
 DMKDDR719E INVALID FILE NAME OR FILE NOT FOUND
 DMKDDR720E ERROR IN {routine/nnnnnn}
 DMKDDR721E RECORD {cchhr/nnnnnn} NOT FOUND
 DMKDDR722E OUTPUT UNIT NOT PROPERLY FORMATTED FOR THE CP NUCLEUS
 DMKDDR723E NO VALID CP NUCLEUS ON THE INPUT UNIT
 DMKDDR724E INPUT TAPE CONTAINS A CP NUCLEUS DUMP
 DMKDDR725R ORIGINAL INPUT DEVICE WAS (IS) LARGER THAN OUTPUT DEVICE.
 DO YOU WISH TO CONTINUE? RESPOND YES OR NO:
 DMKDDR726E MOVING DATA INTO THE ALTERNATE TRACK CYLINDER(S) IS PROHIBITED
 DMKDDR727E FLAGGED TRK xxxxxxxxxxxx HAS NO PROPER ALTERNATE; SKIPPING THIS TRK
 DMKDDR728E DECODE ERROR ENCOUNTERED: xx
 DMKDDR731I COMPACT OPTION IS IGNORED
 DMKDDR729I FULL TRACK NOT AVAILABLE
 DMKDDR756E PROGRAM CHECK PSW = psw
 DMKDDR925I SYSTEM AUTO DUMP REALLOCATED TO DASD raddr

DEFINE

DMKDEF003E INVALID OPTION - option
 DMKDEF011E INVALID DEVICE TYPE - userid vaddr
 DMKDEF022E VADDR MISSING OR INVALID
 DMKDEF024E CYLS MISSING OR INVALID
 DMKDEF024E {CYLS|BLKS} MISSING OR INVALID
 DMKDEF025E STORAGE MISSING OR INVALID
 DMKDEF026E OPERAND MISSING OR INVALID
 DMKDEF136E DEVICE vaddr NOT {DEFINED|VARIED}; CHANNEL XX DEDICATED
 DMKDEF040E DEV vaddr DOES NOT EXIST
 DMKDEF091E DASD vaddr NOT DEFINED; TEMP SPACE NOT AVAILABLE
 DMKDEF092E DEV vaddr NOT DEFINED; type vaddr ALREADY DEFINED
 DMKDEF094E STORAGE EXCEEDS ALLOWED MAXIMUM
 DMKDEF095E DEV vaddr NOT DEFINE; INSUFFICIENT FREE STORAGE
 DMKDEF096E DEVICE vaddr NOT DEFINED; DEVICE TYPE NOT ALLOWED
 DMKDEF136E DEV vaddr NOT DEFINED; CHAN x DEDICATED
 DMKDEF153E DEVICE vaddr EXCEEDED MAX NUMBER OF VIRTUAL DEVICES
 DMKDEF293E CMD REJECTED; VIOLATES PMA RESTRICTION vaddr
 DMKDEG025E STORAGE MISSING OR INVALID
 DMKDEG026E OPERAND MISSING OR INVALID
 DMKDEG094E STORAGE EXCEEDS ALLOWED MAXIMUM
 DMKDEI046E {DEV rid|type raddr} OFFLINE
 DMKDEI075E DEVICE 'raddr' IS NOT AVAILABLE
 DMKDEI143E type raddr in use by system
 DMKDEI274E raddr HAS A MOUNTED VOLUME. MSS ID NOT AVAILABLE TO DEMOUNT IT
 DMKDEI275E raddr ALREADY SYSVIRT
 DMKDEI276E raddr NOT 3330V
 DMKDEI277E raddr ERROR DEMOUNTING VOLUME
 DMKDEI278E DEVICE NOT A DASD
 DMKDEI279E DASD NOT VUA
 DMKDEI280E raddr ALREADY VIRTUAL
 DMKNEA046E {DEV rid|type raddr} OFFLINE
 DMKNEA140E type raddr ATTACHED TO userid

DETACH

DMKNEA020E USERID MISSING OR INVALID
 DMKNEA121E rid|type raddr NOT ATTACHED TO userid
 DMKVDD006E INVALID DEVICE TYPE - addr
 DMKVDD020E USERID MISSING OR INVALID
 DMKVDD021E RADDR MISSING OR INVALID raddr
 DMKVDD022E VADDR MISSING OR INVALID vaddr
 DMKVDD040E DEV addr DOES NOT EXIST
 DMKVDD045E userid NOT LOGGED ON
 DMKVDD046E type raddr OFFLINE
 DMKVDD121E type raddr NOT ATTACHED to userid
 DMKVDD123E DASD raddr CP OWNED

DMKVDD124E DASD raddr IN USE BY nnn USERS
DMKVDD135E type vaddr NOT DETACHED; CHAN x DEDICATED
DMKVDD140E type raddr ATTACHED TO userid
DMKVDD142E type raddr NOT DRAINED
DMKVDD143E type raddr IN USE BY SYSTEM
DMKVDD273E DETACH REJ VIRTUAL MACHINE TRACING I/O

DETACH CHANNEL

DMKVCH034E CHANNEL MISSING OR INVALID
DMKVCH048E CHANNEL x DOES NOT EXIST
DMKVCH130E CHANNEL x [PROC nn] NOT ATTACHED TO userid
DMKVCH138E CHANNEL x NOT ATTACHED; INSUFFICIENT STORAGE
DMKVCH188E SPECIFIED PROCESSOR UNAVAILABLE
DMKVDE039E PROCESSOR ADDRESS MISSING OR INVALID
DMKVDD020E USERID MISSING OR INVALID
DMKVDE034E CHANNEL MISSING OR INVALID

DIAL

DMKDIA011E INVALID DEVICE TYPE - userid vaddr
DMKDIA017E INSUFFICIENT SCREEN SPACE - CLEAR SCREEN AND REDIAL
DMKDIA020E USERID MISSING OR INVALID
DMKDIA022E VADDR MISSING OR INVALID
DMKDIA045E userid NOT LOGGED ON
DMKDIA047E userid vaddr DOES NOT EXIST
DMKDIA055E LINE(S) NOT AVAILABLE ON userid
DMKDIA056E LINE vaddr BUSY ON userid
DMKDIA098E DEV rid MODE SWITCH NOT POSSIBLE
DMKDIA199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
DMKDIA206E CANNOT CONNECT TO HOST VIRTUAL MACHINE
DMKDIA707A DIAL FUNCTION NOT AVAILABLE

DIRECT

DMKDIR536I raddr devname REPORTS DISABLED INTERFACE; FAULT CODE=CCCC; NOTIFY CE
DMKDIR751E INVALID OPERAND - xxxxxx
DMKDIR752E STATEMENT SEQUENCE ERROR FOLLOWING USER user
DMKDIR753E OPERAND MISSING
DMKDIR754E DEV raddr NOT OPERATIONAL
DMKDIR755E I/O ERROR raddr CSW=csw SENSE=sense
DMKDIR756E PROGRAM CHECK PSW = psw
DMKDIR757E MACHINE CHECK
DMKDIR758E DUPLICATE UNIT DEFINITION
DMKDIR760E NOT ENOUGH SPACE ALLOCATED FOR DIRECTORY
DMKDIR761E VOLID READ IS volid1 NOT volid2 (ON raddr)
DMKDIR762E DIRECTORY STATEMENT MISSING
DMKDIR763E INVALID FILENAME OR FILE NOT FOUND
DMKDIR764E ERROR IN routine

DISABLE

DMKCPV003E INVALID OPTION - option
DMKCPV006E INVALID DEVICE TYPE - raddr
DMKCPV021E RADDR MISSING OR INVALID
DMKCPV026E OPERAND MISSING OR INVALID
DMKCPV040E DEV raddr DOES NOT EXIST
DMKCPV046E {DEV rid|type raddr} OFFLINE
DMKCPV140E type raddr ATTACHED TO userid
DMKCPV199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
DMKCPV923I FAILING STORAGE FRAME AT LOCATION rstor
DMKCPV924I xxxx ADDITIONAL FAILING STORAGE FRAMES EXIST

DISCONN

DMKUSO003E INVALID OPTION - option
DMKUSO197E SECONDARY USER IS NOT AVAILABLE

DISPLAY

DMKCDB003E INVALID OPTION - option
DMKCDB004S INVALID HEXLOC - hexloc
DMKCDB009E INVALID RANGE - range
DMKCDB010E INVALID REGISTER - register
DMKCDB026E OPERAND MISSING OR INVALID
DMKCDB160E HEXLOC hexloc EXCEEDS STORAGE

DMCP

DMKCDM003E INVALID OPTION - option
DMKCDM004S INVALID HEXLOC - hexloc
DMKCDM009E INVALID RANGE - range
DMKCDM033E HEXLOC MISSING OR INVALID
DMKCDM160E HEXLOC hexloc EXCEEDS STORAGE

DRAIN

DMKCSO003E INVALID OPTION - option
DMKCSO006E INVALID DEVICE TYPE - raddr
DMKCSO021E RADDR MISSING OR INVALID
DMKCSO040E DEV raddr DOES NOT EXIST
DMKCSO046E {DEV rid|type raddr} OFFLINE
DMKCSO140E type raddr ATTACHED TO userid

DUMP

DMKCDM003E INVALID OPTION - option
DMKCDM004S INVALID HEXLOC - hexloc
DMKCDM009E INVALID RANGE - range
DMKCDM033E HEXLOC MISSING OR INVALID
DMKCDM060E DUMP FAILED; VIRTUAL PRINTER UNAVAILABLE
DMKCDM061E DUMP FAILED; VIRTUAL PRINTER ERROR
DMKCDM160E HEXLOC hexloc EXCEEDS STORAGE

ECHO

None.

ENABLE

DMKCPV003E INVALID OPTION - option
DMKCPV006E INVALID DEVICE TYPE - raddr
DMKCPV021E RADDR MISSING OR INVALID
DMKCPV026E OPERAND MISSING OR INVALID
DMKCPV040E DEV raddr DOES NOT EXIST
DMKCPV046E {DEV rid|type raddr} OFFLINE
DMKCPV140E type raddr ATTACHED to userid
DMKCPV199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
DMKLD0923I FAILING STORAGE FRAME AT LOCATION rstor
DMKLD0924I xxxx ADDITIONAL FAILING STORAGE FRAMES EXIST

EXTERNAL

DMKCPB005E INVALID HEXDATA - hexdata

FLUSH

DMKCSO003E INVALID OPTION - option
DMKCSO006E INVALID DEVICE TYPE - raddr
DMKCSO013E CONFLICTING OPTION - option
DMKCSO021E RADDR MISSING OR INVALID
DMKCSO040E DEV raddr DOES NOT EXIST
DMKCSO046E {DEV rid|type raddr} OFFLINE
DMKCSO140E type raddr ATTACHED TO userid
DMKCSO141E type raddr NOT ACTIVE

FORCE

DMKUSO003E INVALID OPTION - option
DMKUSO020E USERID MISSING OR INVALID
DMKUSO045E userid NOT LOGGED ON

FREE

DMKCSP006E INVALID DEVICE TYPE - vaddr
DMKCSP007E INVALID USERID - userid
DMKCSP020E USERID MISSING OR INVALID
DMKCSP053E userid NOT IN CP DIRECTORY

HALT

DMKCPT021E RADDR MISSING OR INVALID
DMKCPS040E DEV {raddr|vaddr} DOES NOT EXIST
DMKCPT040E DEV raddr DOES NOT EXIST
DMKCPS144W type vaddr RESET BY userid

HOLD

DMKCPI958I ATTACHED PROCESSOR NOT OPERATIONAL
DMKCPI959W ATTACHED PROCESSOR NOT ONLINE
DMKCSP006E INVALID DEVICE TYPE - addr
DMKCSP007E INVALID USERID - userid
DMKCSP020E USERID MISSING OR INVALID
DMKCSP053E userid NOT IN CP DIRECTORY
DMKTCS240E PRT raddr PRT FCB-FORMS MISMATCH, FILEID nnnn {HELD|PURGED}
DMKTCS241E PRT raddr INVALID LOAD MODULE mmmmm SPECIFIED,
FILE nnnn {HELD|PURGED}
DMKTCS270E PRT xxx, TOO MANY WCGM's NEEDED FOR 'CHARS',
FILE nnnn {HELD|PURGED}

INDICATE

DMKTHI002E INVALID OPERAND - operand
DMKTHI003E INVALID OPTION - option
DMKTHI026E OPERAND MISSING OR INVALID
DMKTHI045E userid NOT LOGGED ON

IPL

DMKCFG002E INVALID OPERAND - operand
DMKCFG003E INVALID OPTION - option
DMKCFG013E CONFLICTING OPTION - option
DMKCFG022E VADDR MISSING OR INVALID
DMKCFG026E OPERAND MISSING OR INVALID
DMKCFG040E DEV addr DOES NOT EXIST
DMKCFG044E SYSTEM name DOES NOT EXIST
DMKCFG083E VMSAVE AREA DOES NOT CONTAIN A VALID SAVED SYSTEM
DMKCFG170E SYSTEM name EXCEEDS STORAGE
DMKCFG171E SYSTEM name VOLID volid NOT MOUNTED
DMKCFG172E SYSTEM name DASD vaddr INCOMPATIBLE SYSRES
DMKCFG173E SYSTEM name REQUIRES DASD vaddr
DMKCFG174E PAGING ERROR - {I/O|ADDRESS EXCEPTION}:COMMAND TERMINATED, IPL FAILED}
DMKCFG177E PARM EXCEEDS 64 CHARACTERS
DMKCFG203E V=R AREA REQUIRES IPL BY DEVICE ADDRESS
DMKCFG292E PMA FEATURE NOT AVAILABLE/ENABLED; RC=rc[-ddd]
DMKCLK437E SYSTEM PAGING SPACE NOT AVAILABLE, IPL TERMINATED
DMKCLK970W TOD CLOCK SYNC CHECK RECEIVED
DMKCPI185E CP ASSIST LEVEL xx DOES NOT MATCH CP LEVEL yy
DMKCPI329E raddr IMPROPERLY GENNED, DEVICE CANNOT BE USED AS SYSOWN
DMKCPI330I MISMATCHED DEVICE TYPES AT ADDRESS raddr
DMKCPI913I CP OWNED VOLID xxxxxx INVALID FOR 3330V
DMKCPI914I TRACE TABLE IS SMALLER THAN REQUESTED
DMKCPI923I FAILING STORAGE FRAME AT LOCATION rstor
DMKCPI924I xxxx ADDITIONAL FAILING STORAGE FRAMES EXIST
DMKCPI958I ATTACHED PROCESSOR NOT OPERATIONAL
DMKCPI959W ATTACHED PROCESSOR NOT ONLINE

DMKCP1962I CP OWNED DASD raddr VOLID volid INVALID ALLOCATION RECORD
DMKCP1963W SECOND PROCESSOR NOT ONLINE
DMKCP1964I PROC xx INITIALIZED; PROC yy INITIALIZED
DMKCPJ966I INITIALIZATION COMPLETE
DMKCP1971I SYSTEM IS {UP|AP|MP} GENERATED
DMKCP1950A OPERATOR NOT LOGGED ON; EXPLICIT LOGON REQUIRED
DMKPST442I PAGING STORAGE FOR tttttttt = xx K PAGES; yyy ARE NOT USABLE
DMKPST443I PAGING STORAGE INCREMENT nn IS NOT USABLE
DMKPST444I nn ADDITIONAL PAGING STORAGE INCREMENTS ARE NOT USABLE
DMKVMIO22E VADDR MISSING OR INVALID
DMKVMIO230E IPL SIO ERROR
DMKVMIO231E IPL TIO ERROR
DMKVMIO232E IPL UNIT ERROR; CSW xxxxxxxx xxxxxxxx SNS xxxxxxxxxxxxxx
DMKVMIO233E IPL OVERLAY ERROR
DMKVMIO234E IPL SENSE ERROR

JOURNAL

LINK

DMKLNK011E INVALID DEVICE TYPE - userid vaddr
DMKLNK020E USERID MISSING OR INVALID
DMKLNK022E VADDR MISSING OR INVALID
DMKLNK052E ERROR IN CP DIRECTORY
DMKLNK053E userid NOT IN CP DIRECTORY
DMKLNK101W DASD vaddr FORCED R/O; R/O BY nnn USERS
DMKLNK102W DASD vaddr FORCED R/O; R/W BY nnn USERS
DMKLNK103W DASD vaddr FORCED R/O; R/W BY nnn USERS; R/O BY nnn USERS
DMKLNK104E userid vaddr NOT LINKED; R/O BY nnn USERS
DMKLNK105E userid vaddr NOT LINKED; R/W BY nnn USERS
DMKLNK106E userid vaddr NOT LINKED; R/W BY nnn USERS; R/O BY nnn USERS
DMKLNK107E userid vaddr NOT LINKED; NOT IN CP DIRECTORY
DMKLNK108E userid vaddr NOT LINKED; VOLID volid NOT MOUNTED
DMKLNK109E userid vaddr NOT LINKED; INVALID LINK DEVICE
DMKLNK110E userid vaddr NOT LINKED; type vaddr ALREADY DEFINED
DMKLNK111E userid vaddr NOT LINKED; NO READ PASSWORD
DMKLNK112E userid vaddr NOT LINKED; NO WRITE PASSWORD
DMKLNK113E userid vaddr NOT LINKED; NO MULT PASSWORD
DMKLNK114E userid vaddr NOT LINKED; MODE OR PASSWORD INCORRECT
DMKLNK115E LINK INVALID; EXCESSIVE INCORRECT PASSWORDS
DMKLNK116E USERID xxx NOT LINKED; CP DIRECTORY IN USE
DMKLNK117E USERID USERID NOT LINKED; VOLID volid CONFLICT
DMKLNK118E userid vaddr NOT LINKED; COMMAND FORMAT NOT VALID
DMKLNK119E USERID vaddr NOT LINKED; INSUFFICIENT FREE STORAGE
DMKLNK137E DASD vaddr NOT LINKED; CHAN x DEDICATED
DMKLNK199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
DMKSS070E DEVICE NOT AVAILABLE - MSS DEVICES ALLOCATED
DMKSS071E DEVICE NOT AVAILABLE - MSS CANNOT BE ACCESSED
DMKSS073E DEVICE NOT AVAILABLE - MSS ERROR
DMKSS078I MSS MOUNT PROCEEDING FOR VOLUME 'volid'
DMKLNK293E CMD REJECTED; vaddr VIOLATES PMA RESTRICTION

LOADBUF

DMKCSB003E INVALID OPTION - option
DMKCSB006E INVALID DEVICE TYPE - addr
DMKCSB013E CONFLICTING OPTION - option
DMKCSB021E RADDR MISSING OR INVALID
DMKCSB026E OPERAND MISSING OR INVALID
DMKCSB031E BUFFER MISSING OR INVALID modifier
DMKCSB036E INDEX MISSING OR INVALID
DMKCSB046E {DEV rid|type raddr} OFFLINE
DMKCSB040E DEV {raddr|vaddr} DOES NOT EXIST
DMKCSB043E BUFFER name DOES NOT EXIST
DMKCSB140E type raddr ATTACHED TO userid

DMKCSB142E type raddr NOT DRAINED
DMKCSB148E type raddr BUFFER LOAD name FAILED
DMKCSB158I UCS IMAGE NAME MISMATCH. IMAGE NAME LOADED IS xxxx

LOADVFCB

DMKCSB006E INVALID DEVICE TYPE - addr
DMKCSB022E VADDR MISSING OR INVALID
DMKCSB026E OPERAND MISSING OR INVALID
DMKCSB031E BUFFER MISSING OR INVALID modifier
DMSCSB036E INDEX MISSING OR INVALID
DMKCSB040E DEV addr DOES NOT EXIST
DMKCSB043E BUFFER name DOES NOT EXIST

LOCATE

DMKCFD021E RADDR MISSING OR INVALID
DMKCFD022E VADDR MISSING OR INVALID
DMKCFD026E OPERAND MISSING OR INVALID
DMKCFD040E DEV {raddr|vaddr} DOES NOT EXIST

LOCK

DMKCPV004S INVALID HEXLOC - hexloc
DMKCPV009E INVALID RANGE - range
DMKCPV020E USERID MISSING OR INVALID
DMKCPV033E HEXLOC MISSING OR INVALID
DMKCPV045E userid NOT LOGGED ON
DMKCPV160E HEXLOC hexloc EXCEEDS STORAGE
DMKCPV165I PAGE hexloc NOT LOCKED; SHARED PAGE

LOGON

DMKJRL145I USERID userid AT raddr WITH INVALID {LINK|LOGON}
PASSWORD NO xxx HAS VIOLATED THE LIMIT OF yyy [,A=userid]
DMKLOG003E INVALID OPTION - option
DMKLOG011E INVALID DEVICE TYPE - userid vaddr
DMKLOG020E USERID MISSING OR INVALID
DMKLOG050E PASSWORD INCORRECT
DMKLOG051E MAXIMUM USERS EXCEEDED
DMKLOG052E ERROR IN CP DIRECTORY
DMKLOG053E userid NOT IN CP DIRECTORY
DMKLOG054E ALREADY LOGGED ON {LINE|GRAF|LUNAME} raddr
DMKLOG067E COMMAND FORMAT NOT VALID
DMKLOG069I INCOMPLETE RECOVERY; 'SYSTEM RESTART' OR 'BEGIN'
DMKLOG080E NO PREALLOCATED VMSAVE AREA
DMKLOG081W VMSAVE AREA ALREADY IN USE, MUST USE SET COMMAND
DMKLOG082E MORE THAN ONE VMSAVE AREA ALLOCATED, MUST SPECIFY AREA NAME
DMKLOG090E DEV vaddr NOT DEFINED; DEV {raddr|volser} NOT AVAILABLE
DMKLOG091E DASD vaddr NOT DEFINED; TEMP SPACE NOT AVAILABLE
DMKLOG092E DEV vaddr NOT DEFINED; type vaddr ALREADY DEFINED
DMKLOG093E DEV vaddr NOT DEFINED; ERROR IN CP DIRECTORY
DMKLOG095E DEV vaddr NOT DEFINED; INSUFFICIENT FREE STORAGE
DMKLOG131E INSUFFICIENT FREE STORAGE AVAILABLE FOR LOGON REQUEST
DMKLOG156E raddr1 raddr2 raddr3 SUBSYSTEM DEVICES NOT AVAILABLE
DMKLOG188E SPECIFIED PROCESSOR UNAVAILABLE
DMKLOG189E AFFINITY NOT SET; SYSTEM IN UNIPROCESSOR MODE
DMKLOG206E CANNOT CONNECT TO HOST VIRTUAL MACHINE
DMKLOG250E 370E IS NOT AVAILABLE (ON PROC xx)
DMKLOG251E 370E IS NOT ACTIVE
DMKLOG268E XMEM FEATURE NOT AVAILABLE
DMKLOG269E XMEM FEATURE NOT ACTIVE
DMKLOH011E INVALID DEVICE TYPE - userid vaddr
DMKLOH196E SECONDARY USER IS NOT IN CP DIRECTORY
DMKNEA006E INVALID DEVICE TYPE- raddr
DMKNEA046E {DEV rid|type raddr} OFFLINE
DMKNEA140E type raddr ATTACHED TO userid
DMKSST070E DEVICE NOT AVAILABLE - MSS DEVICES ALLOCATED

DMKSSS071E DEVICE NOT AVAILABLE - MSS CANNOT BE ACCESSED
DMKSSS072E DEVICE NOT AVAILABLE - raddr NOT PROPER TYPE
DMKSST073E DEVICE NOT AVAILABLE - MSS ERROR
DMKSSS078I MSS MOUNT PROCEEDING FOR VOLUME 'volid'

LOGOFF

DMKUSO003E INVALID OPTION - option

MONITOR

DMKCPI229I USER OF MONITOR DOES NOT EXIST
DMKMCC002E INVALID OPERAND - operand
DMKMCC003E INVALID OPTION - option
DMKMCC006E INVALID DEVICE TYPE - raddr
DMKMCC021E RADDR MISSING OR INVALID
DMKMCC026E OPERAND MISSING OR INVALID
DMKMCC040E DEV raddr DOES NOT EXIST
DMKMCC046E {DEV rid|type raddr} OFFLINE
DMKMCC140E type raddr ATTACHED TO userid
DMKMCC143E type raddr IN USE BY SYSTEM
DMKMCC199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
DMKMCC210E SWAPAGE CLASS IS DEPENDENT ON SWAP
DMKMCC211E MONITOR TAPE IS ALREADY ACTIVE
DMKMCD212E MONITOR TAPE IS NOT ACTIVE
DMKMCC213E MONITOR CPTRACE IS ALREADY ACTIVE
DMKMCD214E MONITOR CPTRACE IS NOT ACTIVE
DMKMCC215E MONITOR ACTIVE; DASTAP CANNOT BE ENABLED DYNAMICALLY
DMKMCC216E SYSPROF CLASS IS DEPENDENT ON SCHEDULE AND DASTAP
DMKMCC217E MONITOR TAPE NOT STARTED, NO CLASS ENABLED
DMKMCD218E MONITOR NOT STOPPED, OUTSTANDING I/O
DMKMCD002E INVALID OPERAND - operand
DMKMCD021E RADDR MISSING OR INVALID
DMKMCD026E OPERAND MISSING OR INVALID
DMKMCD040E DEV raddr DOES NOT EXIST
DMKMON219I END OF MONITOR TAPE, MONITOR STOPPED BY SYSTEM
DMKMON220I ERROR ON MONITOR TAPE, MONITOR STOPPED BY SYSTEM
DMKMCC221E MONITOR TO SPOOL IS ALREADY ACTIVE
DMKMCD222E TIME PARAMETER SPECIFIES INVALID TIME
DMKMCD223E START TIME MUST PRECEDE STOP TIME
DMKMCD224E LIMIT MUST BE BETWEEN 10 and 50000
DMKMNI225E INVALID MONITOR USERID SPECIFIED, MON NOT ENABLED
DMKMCD226E FOR VALUE SPANS MIDNIGHT - COMMAND INVALID
DMKMCD227E FOR OPTION INVALID WITH AUTODISK OFF
DMKMCD228E FOR OPTION INVALID WITH MONITOR ON
DMKMIA229E MONITOR OUT OF DASD PAGES, IS SHUTTING OFF

MSG

DMKMSG003E INVALID OPTION - option
DMKMSG020E USERID MISSING OR INVALID
DMKMSG045E userid NOT LOGGED ON
DMKMSG057W userid NOT RECEIVING; {DISCONNECTED|MSG OFF|SMSG OFF|
NOT AUTHORIZED|WNG OFF|VMCF/IUCV ERROR nnn}

NCPDUMP

DMKRND850I UNABLE TO READ DUMP FROM READER
DMKRND852I FATAL I/O ERROR WRITING DUMP
DMKRND853I NO DUMP FILES EXIST
DMKRND860I FATAL I/O ERROR READING DUMP
DMKRND861E DUMP FILE 'filename' NOT FOUND
DMKRND863E INVALID PARAMETER - parameter

NETWORK

DMKNEA006E INVALID DEVICE TYPE - raddr
 DMKNEA046E {DEV rid/type raddr} OFFLINE
 DMKNES002E INVALID OPERAND - operand
 DMKNES004S INVALID HEXLOC - hexloc
 DMKNES006E INVALID DEVICE TYPE - raddr
 DMKNES009E INVALID RANGE - range
 DMKNES021E RADDR MISSING OR INVALID
 DMKNES026E OPERAND MISSING OR INVALID
 DMKNES040E DEV raddr DOES NOT EXIST
 DMKNES046E {DEV rid|type raddr} OFFLINE
 DMKNES049E type raddr IN USE
 DMKNES098E DEV rid MODE SWITCH NOT POSSIBLE
 DMKNES140E type raddr ATTACHED TO userid
 DMKNES160E HEXLOC hexloc EXCEEDS STORAGE
 DMKNES199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DMKNES706E LINE raddr NOT ENABLED
 DMKNET002E INVALID OPERAND - operand
 DMKNET003E INVALID OPTION - option
 DMKNET004S INVALID HEXLOC - hexloc
 DMKNET006E INVALID DEVICE TYPE - raddr
 DMKNET009E INVALID RANGE - range
 DMKNET021E RADDR MISSING OR INVALID
 DMKNET026E OPERAND MISSING OR INVALID
 DMKNET033E HEXLOC MISSING OR INVALID
 DMKNET040E DEV raddr DOES NOT EXIST
 DMKNET046E {DEV rid|type raddr} OFFLINE
 DMKNET049E type raddr IN USE
 DMKNET098E DEV rid MODE SWITCH NOT POSSIBLE
 DMKNET140E type raddr ATTACHED TO userid
 DMKNET157E CLUSTER=parm MISSING FROM RDEVICE MACRO - DEV raddr
 DMKNET160E HEXLOC hexloc EXCEEDS STORAGE
 DMKNET199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DMKNLD002E INVALID OPERAND - operand
 DMKNLD006E INVALID DEVICE TYPE - raddr
 DMKNLD021E RADDR MISSING OR INVALID
 DMKNLD026E OPERAND MISSING OR INVALID
 DMKNLD040E DEV raddr DOES NOT EXIST
 DMKNLD044E SYSTEM name DOES NOT EXIST
 DMKNLD046E type raddr OFFLINE
 DMKNLD140E type raddr ATTACHED TO userid
 DMKNLD143E type raddr IN USE BY SYSTEM
 DMKNLD170E SYSTEM name EXCEEDS STORAGE
 DMKNLD171E SYSTEM name VOLID volid NOT MOUNTED
 DMKNLD199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DMKNLD460E CTLR raddr {LOAD|DUMP} FAILED: PROGRAM CHECK
 DMKNLD461R CTLR raddr IPL NOT REQUIRED; ENTER 'YES' TO CONTINUE
 DMKNLD464E CTLR raddr CC=3; DEPRESS 370X LOAD BUTTON
 DMKNLD470E CTLR raddr {LOAD|DUMP} FAILED: PAGING I/O ERROR
 DMKNLD471E CTLR raddr {LOAD/DUMP} FAILED: UNRECOVERABLE I/O ERROR
 DMKNLE003E INVALID OPTION - option
 DMKNLE006E INVALID DEVICE TYPE - raddr
 DMKNLE021E RADDR MISSING OR INVALID
 DMKNLE040E DEV raddr DOES NOT EXIST
 DMKNLE046E type raddr OFFLINE
 DMKNLE140E type raddr ATTACHED TO userid
 DMKNLE143E type 'raddr' IN USE BY SYSTEM
 DMKNLE199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DMKNLE460E CTLR raddr {LOAD|DUMP} FAILED: PROGRAM CHECK
 DMKNLE461R CTLR raddr IPL NOT REQUIRED; ENTER 'YES' TO CONTINUE
 DMKNLE464E CTLR raddr CC=3; DEPRESS 370X "LOAD" BUTTON
 DMKNLE464I CTLR raddr CC = 3; DEPRESS 370X "LOAD" BUTTON
 DMKNLE469E CTLR raddr {LOAD|DUMP} FAILED; TEMP SPACE NOT AVAILABLE
 DMKNLE470E CTLR raddr {LOAD|DUMP} FAILED: PAGING I/O ERROR

DMKNLE471E CTLR raddr DUMP FAILED: UNRECOVERABLE I/O ERROR
DMKRNH462I CTLR raddr UNIT CHECK; IPL REQUIRED
DMKRNH463I CTLR raddr UNIT CHECK; RESTART IN PROGRESS
DMKRNH464I CTLR raddr CC=3; DEPRESS 370x "LOAD" BUTTON
DMKRNH468I CTLR raddr COMMUNICATIONS SCANNER FAILURE

NOTREADY

DMKCPB006E INVALID DEVICE TYPE - vaddr
DMKCPB022E VADDR MISSING OR INVALID
DMKCPB040E DEV vaddr DOES NOT EXIST

ORDER

DMKCSV003E INVALID OPTION - option
DMKCSV006E INVALID DEVICE TYPE - addr
DMKCSV008E INVALID SPOOLID -spoolid
DMKCSV026E OPERAND MISSING OR INVALID
DMKCSV027E SPOOLID MISSING OR INVALID
DMKCSV028E CLASS MISSING OR INVALID
DMKCSV035E DEVICE TYPE MISSING OR INVALID
DMKCSV042E SPOOLID nnnn DOES NOT EXIST

PER

DMKPEI002E INVALID OPERAND - operand
DMKPEI003E INVALID OPTION - option
DMKPEI010E INVALID REGISTER - register
DMKPEI026E OPERAND MISSING OR INVALID
DMKPEI312E MORE THAN {8 RANGES|1 PASS|1 STEP} SPECIFIED ON A COMMAND LINE
DMKPEL013E CONFLICTING OPTION - {option|option1 AND option2}
DMKPEL013W CONFLICTING OPTION - {NORUN CONFLICTS WITH PRINTER|PRINTER CONFLICTS WITH NORUN|STEP CONFLICTS WITH PRINTER|PRINTER CONFLICTS WITH STEP} - {"BOTH"|"RUN"}OPTION FORCED
DMKPEI047E {userid {vaddr|segname}|THE CURRENT TRACESET|THE TRACESET traceset|A SAVED TRACESET} DOES NOT EXIST
DMKPEL311E MAXIMUM NUMBER OF TRACE ELEMENTS EXCEEDED
DMKPEN002E INVALID OPERAND - operand
DMKPEN003E INVALID OPTION - option
DMKPEN026E OPERAND MISSING OR INVALID
DMKPEI047E {userid {vaddr|segname}|THE CURRENT TRACESET|THE TRACESET traceset|A SAVED TRACESET} DOES NOT EXIST
DMKPEN180E PER TRACE NOT IN EFFECT
DMKPEN311E MAXIMUM NUMBER OF TRACE ELEMENTS EXCEEDED
DMKPET003E INVALID OPTION - option

PURGE

DMKCSV003E INVALID OPTION - option
DMKCSV006E INVALID DEVICE TYPE - vaddr
DMKCSV008E INVALID SPOOLID -spoolid
DMKCSV026E OPERAND MISSING OR INVALID
DMKCSV028E CLASS MISSING OR INVALID
DMKCSV035E DEVICE TYPE MISSING OR INVALID
DMKCSV042E SPOOLID nnnn DOES NOT EXIST
DMKTCS240E PRT raddr FCB-FORMS MISMATCH, FILEID nnnn {HELD|PURGED}
DMKTCS241E PRT raddr INVALID LOAD MODULE mmmmm SPECIFIED,
FILE nnnn {HELD|PURGED}

QUERY

DMKCF026E OPERAND MISSING OR INVALID
DMKCQG020E USERID MISSING OR INVALID
DMKCQG022E VADDR MISSING OR INVALID
DMKCQG027E SPOOLID MISSING OR INVALID
DMKCQG040E DEV addr DOES NOT EXIST
DMKCQG042E SPOOLID nnnn DOES NOT EXIST
DMKCQG045E userid NOT LOGGED ON

DMKCQP003E INVALID OPTION - option
 DMKCQP023E VOLID MISSING OR INVALID
 DMKCQP040E DEV raddr DOES NOT EXIST
 DMKCQP466I CTLR cuu IN BUFFER SLOWDOWN MODE
 DMKCQQ006E INVALID DEVICE TYPE - addr
 DMKCQQ021E RADDR MISSING OR INVALID
 DMKCQQ022E VADDR MISSING OR INVALID
 DMKCQQ040E DEV {raddr|vaddr} DOES NOT EXIST
 DMKCQQ045E userid NOT LOGGED ON
 DMKCQQ466I CTLR cuu IN BUFFER SLOWDOWN MODE
 DMKCQR003E INVALID OPTION - option
 DMKCQR020E USERID MISSING OR INVALID
 DMKCQR026E OPERAND MISSING OR INVALID
 DMKCQR028E CLASS MISSING OR INVALID
 DMKCQR045E userid NOT LOGGED ON
 DMKCQS003E INVALID OPTION - option
 DMKCQY020E USERID MISSING OR INVALID
 DMKCQY026E OPERAND MISSING OR INVALID
 DMKCQY045E userid NOT LOGGED ON

QVM

DMKQVM020E USERID MISSING OR INVALID
 DMKQVM800E COMMAND REJECTED, OTHER VIRTUAL MACHINES LOGGED ON
 DMKQVM801E FREE STORAGE PAGE IS NOT AVAILABLE
 DMKQVM802E COMMAND REJECTED, DEVICES NOT DEDICATED
 DMKQVM803E COMMAND REJECTED, SPOOL DEVICES NOT DRAINED
 DMKQVM806E COMMAND REJECTED, VIRTUAL ADDRESS NOT EQUAL TO REAL ADDRESS
 DMKQVM807E COMMAND REJECTED, VM/SP ATTACHED PROCESSOR MODE
 DMKQVM809E COMMAND REJECTED, TRACE/ADSTOP/CCW TRANS IN EFFECT

READY

DMKCPB006E INVALID DEVICE TYPE - addr
 DMKCPB022E VADDR MISSING OR INVALID
 DMKCPB040E DEV vaddr DOES NOT EXIST

REPEAT

DMKCSO003E INVALID OPTION - option
 DMKCSO006E INVALID DEVICE TYPE - raddr
 DMKCSO013E CONFLICTING OPTION - option
 DMKCSO021E RADDR MISSING OR INVALID
 DMKCSO030E COPIES MISSING OR INVALID
 DMKCSO040E DEV raddr DOES NOT EXIST
 DMKCSO046E {DEV rid|type raddr} OFFLINE
 DMKCSO140E type raddr ATTACHED TO userid
 DMKCSO141E type raddr NOT ACTIVE

RESET

DMKCPB022E VADDR MISSING OR INVALID
 DMKCPB040E DEV addr DOES NOT EXIST

REWIND

DMKCPB006E INVALID DEVICE TYPE - vaddr
 DMKCPB022E VADDR MISSING OR INVALID
 DMKCPB040E DEV vaddr DOES NOT EXIST

SAVESYS

DMKCFH011E INVALID DEVICE TYPE - userid vaddr
 DMKCFH026E OPERAND MISSING OR INVALID
 DMKCFH044E SYSTEM name DOES NOT EXIST
 DMKCFH170E SYSTEM name EXCEEDS STORAGE
 DMKCFH171E SYSTEM name VOLID volid NOT MOUNTED
 DMKCFH172E SYSTEM name DASD vaddr INCOMPATIBLE SYSRES
 DMKCFH173E SYSTEM name REQUIRES DASD vaddr
 DMKCFH179E SYSTEM name VOLID volid NOT CP OWNED

DMKCFH300E SAVE REQUEST BEYOND VIRTUAL MACHINE SIZE
DMKCFH435E PAGING ERROR WRITING SAVED SYSTEM
DMKCFH436E INTERRUPT PENDING. TO PROCEED, TYPE YES. TO END, TYPE NO.

SCREEN

DMKCFW002E INVALID OPERAND - operand
DMKCFW026E OPERAND MISSING OR INVALID

SEND

DMKSND020E USERID MISSING OR INVALID
DMKSND045E userid NOT LOGGED ON
DMKSND068E SEND COMMAND FAILED _ RECEIVER {IS NOT DISCONNECTED| HAS NO
AUTHORIZED SENDER|HAS NO VIRTUAL CONSOLE|HAS CONSOLE INPUT WAIT|
IS EXECUTING A CONSOLE FUNCTION}

SET

DMKCFJ003E INVALID OPTION - option
DMKCF0020E USERID MISSING OR INVALID
DMKCF0026E OPERAND MISSING OR INVALID
DMKCF0045E userid NOT LOGGED ON
DMKCF0175E {FAVORED|RESERVE} ALREADY IN USE BY userid
DMKCF0184E VM ASSIST NOT AVAILABLE {ON PROC xx}
DMKCF0186E CP ASSIST NOT AVAILABLE
DMKCF0188E SPECIFIED PROCESSOR UNAVAILABLE
DMKCF0250E 370E IS NOT AVAILABLE (ON PROC xx)
DMKCF0255W 370E FEATURE NOW DISABLED
DMKCF0268E XMEM FEATURE NOT AVAILABLE
DMKCF0269E XMEM FEATURE NOT ACTIVE
DMKCF0291E COMMAND REJECTED; {PMA|SPMODE} IN USE
DMKCF0003E INVALID OPTION - option
DMKCF0006E INVALID DEVICE TYPE - raddr
DMKCF0026E OPERAND MISSING OR INVALID
DMKCF0045E userid NOT LOGGED ON
DMKCF0046E DEV type raddr OFFLINE
DMKCF0291E COMMAND REJECTED; {PMA|SPMODE} IN USE
DMKCF0183E VM ASSIST NOT ACTIVE
DMKCF0184E VM ASSIST NOT AVAILABLE
DMKCF0187E TIMER ASSIST NOT AVAILABLE
DMKCF0250E 370E IS NOT AVAILABLE (ON PROC xx)
DMKCF0251E 370E IS NOT ACTIVE
DMKCF0268E XMEM FEATURE NOT AVAILABLE
DMKCF0269E XMEM FEATURE NOT ACTIVE
DMKCF0291E COMMAND REJECTED; {PMA|SPMODE} IN USE
DMKCFU003E INVALID OPTION - option
DMKCFU006E INVALID DEVICE TYPE - raddr
DMKCFU013E CONFLICTING OPTION - option
DMKCFU021E RADDR MISSING OR INVALID
DMKCFU026E OPERAND MISSING OR INVALID
DMKCFU040E DEV raddr DOES NOT EXIST
DMKCFU041E LOGMSG nn DOES NOT EXIST
DMKCFU045E userid NOT LOGGED ON
DMKCFU046E {DEV rid|type raddr} OFFLINE
DMKCFU140E type raddr ATTACHED TO userid
DMKCFU143E type raddr IN USE BY SYSTEM
DMKCFU199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
DMKCFU316E COMMAND REJECTED; LOGMSG BEING UPDATED
DMKCFU547E MISSING INTERRUPTION MONITORING NOT AVAILABLE
DMKCFU925I SYSTEM AUTO DUMP REALLOCATED TO DASD raddr
DMKCFU953I UNABLE TO ALLOCATE SYSTEM AUTODUMP
DMKCFV062E ECMODE NOT SET ON
DMKCFV063E SHADOW TABLE BYPASS; NOT SET
DMKCFV080E NO PREALLOCATED VMSAVE AREA
DMKCFV082E MORE THAN ONE VMSAVE AREA ALLOCATED; MUST SPECIFY AREA NAME
DMKCFY052E ERROR IN CP DIRECTORY

DMKCFY053E userid NOT IN CP DIRECTORY
 DMKCFY183E VM ASSIST NOT ACTIVE
 DMKCFY184E VM ASSIST NOT AVAILABLE
 DMKCFY187E TIMER ASSIST NOT AVAILABLE
 DMKCFY188E SPECIFIED PROCESSOR UNAVAILABLE
 DMKCFY189E AFFINITY NOT SET; SYSTEM IN UNIPROCESSOR MODE
 DMKCFY190I NO AFFINITY SET IN DIRECTORY
 DMKEMC316E COMMAND REJECTED; LOGMSG BEING UPDATED
 DMKMCH003E INVALID OPTION - option
 DMKMCH026E OPERAND MISSING OR INVALID
 DMKMSG003E INVALID OPTION - option
 DMKVAT064E SHADOW TABLE BYPASS; RESET

SHUTDOWN
 DMKDSB956A DASD raddr VOLID volid NOT MOUNTED; NOW OFFLINE

SLEEP
 DMKCFJ002E INVALID OPERAND - operand

MSG
 DMKMSG002E USERID MISSING OR INVALID
 DMKMSG045E userid NOT LOGGED ON
 DMKMSG057W userid NOT RECEIVING; {DISCONNECTED|MSG OFF|NOT AUTHORIZED|WNG OFF}

SPACE
 DMKCSO006E INVALID DEVICE TYPE - raddr
 DMKCSO021E RADDR MISSING OR INVALID
 DMKCSO040E DEV raddr DOES NOT EXIST
 DMKCSO046E {DEV rid|type raddr} OFFLINE
 DMKCSO140E type raddr ATTACHED TO userid
 DMKCSO141E type raddr NOT ACTIVE
 DMKSPS026E OPERAND MISSING OR INVALID
 DMKSPS028E CLASS MISSING OR INVALID
 DMKSPT002E INVALID OPERAND - operand
 DMKSPT003E INVALID OPTION - option
 DMKSPT008E INVALID SPOOLID - spoolid
 DMKSPT021E RADDR MISSING OR INVALID

SPMODE
 DMKSPM026E OPERAND MISSING OR INVALID
 DMKSPM804E SINGLE PROCESSOR MODE ON REJECTED
 DMKSPM808I SINGLE PROCESSOR MODE ACTIVE

SPTAPE
 DMKSPT006E INVALID DEVICE TYPE - raddr
 DMKSPT040E DEV raddr DOES NOT EXIST
 DMKSPT046E {DEV rid|type raddr} OFFLINE
 DMKSPT140E type raddr ATTACHED TO userid
 DMKSPT143E type raddr IN USE BY SYSTEM
 DMKSPT199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DMKSPS037E TAPE raddr INVALID FOR SPTAPE COMMAND
 DMKSPS014E TAPE raddr DUMP TAPE CAPACITY EXCEEDED
 DMKSPS426E {RDR|TAPE} raddr SPOOL SPACE FULL; FILE PURGED
 DMKSPS428E {PRT|PUN|RDR|TAPE} raddr SPOOL ERROR; FILE {HELD|PURGED}

SPOOL
 DMKCQH013E CONFLICTING OPTION - option
 DMKCQH024E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
 DMKCSO024E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
 DMKCSPO03E INVALID OPTION - option
 DMKCSPO06E INVALID DEVICE TYPE - addr
 DMKCSPO07E INVALID USERID - userid
 DMKCSPO13E CONFLICTING OPERAND - operand
 DMKCSPO20E USERID MISSING OR INVALID
 DMKCSPO22E VADDR MISSING OR INVALID

DMKCSPO24E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKCSPO26E OPERAND MISSING OR INVALID
DMKCSPO28E CLASS MISSING OR INVALID
DMKCSPO30E COPIES MISSING OR INVALID
DMKCSPO40E DEV addr DOES NOT EXIST
DMKCSPO53E userid NOT IN CP DIRECTORY
DMKCSPT243E FLASH MISSING OR INVALID
DMKCSPT245E CHARS MISSING OR INVALID
DMKCSPT246E FCB MISSING OR INVALID
DMKCSPT253E MODIFY MISSING OR INVALID
DMKCSQ024E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKCSU024E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKCSV013E CONFLICTING OPTION - option
DMKCSV024E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKSPT024E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKSPT032E DISTCODE MISSING OR INVALID

START

DMKCSO003E INVALID OPTION - option
DMKCSO006E INVALID DEVICE TYPE - raddr
DMKCSO013E CONFLICTING OPTION - option
DMKCSO021E RADDR MISSING OR INVALID
DMKCSO028E CLASS MISSING OR INVALID
DMKCSO040E DEV raddr DOES NOT EXIST
DMKCSO046E {DEV rid|type raddr} OFFLINE
DMKCSO140E type raddr ATTACHED TO userid
DMKCSO243E FLASH MISSING OR INVALID
DMKCSO245E CHARS MISSING OR INVALID
DMKCSO246E FCB MISSING OR INVALID
DMKCSO253E MODIFY MISSING OR INVALID

STCP

DMKCD004S INVALID HEXLOC - hexloc
DMKCD005E INVALID HEXDATA - hexdata
DMKCD026E OPERAND MISSING OR INVALID
DMKCD033E HEXLOC MISSING OR INVALID
DMKCD160E HEXLOC hexloc EXCEEDS STORAGE
DMKCD162E INVALID ECR x - hexdata
DMKCD166E CHANGED SHARED PAGE NOT WRITTEN TO AUXILIARY STORAGE
DMKVMA161E SHARED PAGE hexloc ALTERED BY userid

STORE

DMKCD004S INVALID HEXLOC - hexloc
DMKCD005E INVALID HEXDATA - hexdata
DMKCD010E INVALID REGISTER - register
DMKCD012E INVALID PSW - psw
DMKCD026E OPERAND MISSING OR INVALID
DMKCD033E HEXLOC MISSING OR INVALID
DMKCD160E HEXLOC hexloc EXCEEDS STORAGE
DMKCD162E INVALID ECR x - hexdata
DMKCD163E STORE EXCEEDS MAXIMUM REGISTER
DMKCD164E HEXLOC hexloc NON-ADDRESSABLE STORAGE
DMKCD166E CHANGED SHARED PAGE NOT WRITTEN TO AUXILIARY STORAGE
DMKVMA181E SHARED SYSTEM name REPLACED WITH NON-SHARED COPY

SYSTEM

DMKCPB012E INVALID PSW - psw
DMKCPB026E OPERAND MISSING OR INVALID

TAG

DMKCST003E INVALID OPTION - option
DMKCST006E INVALID DEVICE TYPE - addr
DMKCST016E TAG INVALID FOR SPECIFIED FILE TYPE

DMKCST022E VADDR MISSING OR INVALID
DMKCST026E OPERAND MISSING OR INVALID
DMKCST027E SPOOLID MISSING OR INVALID
DMKCST040E DEV addr DOES NOT EXIST
DMKCST042E SPOOLID nnnn DOES NOT EXIST
DMKCST424E RDR FILE SPOOL ERROR; FILE UNCHANGED

TERMINAL

DMKCFT002E INVALID OPERAND - operand
DMKCFT006E INVALID DEVICE TYPE - addr
DMKGRF457E TERMINAL SCRNSAVE UNSUCCESSFUL
DMKCFT026E OPERAND MISSING OR INVALID

TRACE

DMKTRA002E INVALID OPERAND - operand
DMKTRA003E INVALID OPTION - option
DMKTRA013E CONFLICTING OPTION - option
DMKTRA026E OPERAND MISSING OR INVALID
DMKTRA180E TRACE NOT IN EFFECT
DMKTRA291E COMMAND REJECTED; {PMA|SPMODE} IN USE
DMKVMA181E SHARED SYSTEM name REPLACED WITH NON-SHARED COPY

TRANSFER

DMKCSV003E INVALID OPTION - option
DMKCSV007E INVALID USERID - userid
DMKCSV008E INVALID SPOOLID - spoolid
DMKCSV020E USERID MISSING OR INVALID
DMKCSV026E OPERAND MISSING OR INVALID
DMKCSV027E SPOOLID MISSING OR INVALID
DMKCSV028E CLASS MISSING OR INVALID
DMKCSV042E SPOOLID nnnn DOES NOT EXIST
DMKCSV053E userid NOT IN CP DIRECTORY

UNLOCK

DMKCPV004S INVALID HEXLOC - hexloc
DMKCPV009E INVALID RANGE - range
DMKCPV020E USERID MISSING OR INVALID
DMKCPV033E HEXLOC MISSING OR INVALID
DMKCPV045E userid NOT LOGGED ON
DMKCPV160E HEXLOC hexloc EXCEEDS STORAGE
DMKCPV165I PAGE 'hexloc' NOT LOCKED; SHARED PAGE
DMKCPV176E VIRTUAL = REAL AREA IN USE BY {USERID|SYSTEM}
DMKCPV202E VIRT=REAL AREA NOT AVAILABLE; INSUFFICIENT STORAGE
DMKCPV203E V=R AREA REQUIRES IPL BY DEVICE ADDRESS
DMKCPV204E INVALID PAGES(S) SPECIFIED, V=R AREA

VARY

DMKCPO049E type raddr IN USE
DMKCPO124E DASD raddr IN USE BY nnn USERS
DMKCPO140E type raddr ATTACHED TO userid
DMKCPO142E type raddr NOT DRAINED
DMKCPO143E type raddr IN USE BY SYSTEM
DMKCPO198W LAST PATH TO DEVICE raddr ON PROCESSOR nn
DMKCPO291E COMMAND REJECTED; {PMA|SPMODE} IN USE
DMKCPP623I CHANNEL SET CONNECTED TO PROCESSOR nn
DMKCPT003E INVALID OPTION - option
DMKCPT011E INVALID DEVICE TYPE - userid vaddr
DMKCPT021E RADDR MISSING OR INVALID
DMKCPT026E OPERAND MISSING OR INVALID
DMKCPT040E DEV addr DOES NOT EXIST
DMKCPT049E type raddr IN USE
DMKCPT123E DASD raddr CP OWNED
DMKCPT124E DASD raddr IN USE BY nnn USERS
DMKCPT136E DEVICE {vaddr|raddr} NOT {DEFINED|VARIED}; CHANNEL XX DEDICATED

DMKCPT140E type raddr ATTACHED TO userid
DMKCPT142E type raddr NOT DRAINED
DMKCPT143E type raddr IN USE BY SYSTEM
DMKCPT154E DEV raddr VARY FAILED, VARY IN PROCESS
DMKCPT192E VARY PROCESSOR COMMAND FAILED
DMKCPT601E CHANNEL CONTROL CHECK DEV xxx; USER userid
DMKCPT602E INTERFACE CONTROL CHECK DEV xxx; USER userid
DMKCPU021E RADDR MISSING OR INVALID
DMKCPU191E PROCESSOR nn DOES NOT EXIST
DMKCPU193I PROCESSOR nn ONLINE
DMKCPU194I PROCESSOR nn OFFLINE
DMKCPU623I CHANNEL SET CONNECTED TO PROCESSOR nn
DMKCPU812E MSSF RESPONSE CODE TO VARY CP {ON|OFF} IS nnnn
DMKCPW330I MISMATCHED DEVICE TYPES AT ADDRESS raddr
DMKCPZ040E DEV raddr DOES NOT EXIST
DMKCPZ149E DEVICE PATH raddr PRESENTED cc=3 ON I/O REQUEST
DMKCPZ328E raddr1 raddr 2 raddr 3 IMPROPERLY GENNED; VARIED OFFLINE
DMKMCT621I AFFINITY SET OFF
DMKMCT625I ALTERNATE PROCESSOR RECOVERY SUCCESSFUL; PROCESSOR nn OFFLINE
DMKMCT626E CONSOLE FUNCTION MODE ENTERED; REQUIRED PROCESSOR NOW OFFLINE

VMDUMP

DMKVMD009E INVALID RANGE - range
DMKVMD013E CONFLICTING OPTION - option
DMKVMD020E USERID MISSING OR INVALID
DMKVMD033E HEXLOC MISSING OR INVALID
DMKVMD038E PARAMETER parameter FOR option OPTION MISSING OR INVALID
DMKVMD053E userid NOT IN CP DIRECTORY
DMKVMD146I VMDUMP FAILED, SPOOLING ERROR
DMKVMD160E HEXLOC hexloc EXCEEDS STORAGE

WNG

DMKMSG003E INVALID OPTION - option
DMKMSG020E USERID MISSING OR INVALID
DMKMSG045E userid NOT LOGGED ON
DMKMSG057W userid NOT RECEIVING; {DISCONNECTED|MSG OFF|WNG OFF}

*

None.

CP Spontaneous Messages

DMKRNH454I DEV rid DISABLED
DMKRNH462I CTLR 'raddr' UNIT CHECK; IPL REQUIRED
DMKRNH463I CTLR 'raddr' UNIT CHECK; RESTART IN PROGRESS
DMKRNH464I CTLR 'raddr' CC=3; DEPRESS 370X "LOAD" BUTTON
DMKRNH465I LINE TRACE TERMINATED DUE TO ERROR

CMS Message Summary

ACCESS

DMSACC002E FILE 'DMSROS TEXT' NOT FOUND
DMSACC003E INVALID OPTION 'option'
DMSACC017E INVALID DEVICE ADDRESS 'vaddr'
DMSACC048E INVALID MODE 'mode'
DMSACC059E 'vaddr' ALREADY ACCESSED AS READ/WRITE 'mode' DISK
DMSACC060E FILE(S) 'fn [ft [fm]]' NOT FOUND. DISK 'mode(cuu)' WILL NOT BE ACCESSED
DMSACC070E INVALID PARAMETER 'parameter'
DMSACC109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSACC112S 'mode (addr)' DEVICE ERROR
DMSACC113S 'mode (addr)' NOT ATTACHED
DMSACC240S ERROR LOADING READ OS ROUTINE 'DMSROS TEXT'
DMSACC230W OS DISK-FILEID AND/OR OPTIONS SPECIFIED ARE IGNORED
DMSACC723I mode (cuu) {R/O|R/W} [-OS|-DOS]
DMSACC724I 'vaddr' REPLACES 'mode (vaddr)'
DMSACC725I cuu ALSO = 'mode' [-OS|-DOS] DISK
DMSACC726I 'vaddr mode [/ext]' RELEASED
DMSACO230W OSDISK - FILEID AND/OR OPTION SPECIFIED ARE IGNORED

AMSERV

DMSAMS001E NO FILENAME SPECIFIED
DMSAMS002E FILE 'fname1 AMSERV' NOT FOUND
DMSAMS003E INVALID OPTION 'option'
DMSAMS006E NO READ/WRITE DISK ACCESSED FOR 'fname2 LISTING'
DMSAMS007E FILE 'fname1 AMSERV fm' NOT FIXED, 80-CHAR. RECORDS
DMSAMS065E 'option' OPTION SPECIFIED TWICE
DMSAMS066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSAMS070E INVALID PARAMETER 'parameter'
DMSAMS109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSAMS113S {TAPIN|TAPOUT} (addr) NOT ATTACHED
DMSAMS136S UNABLE TO LOAD 'IDCAMS'
DMSAMS228E NO DDNAME ENTERED
DMSAMS367R ENTER TAPE {INPUT|OUTPUT} DDNAMES:
DMSAMS722I FILE 'fname2 LISTING fm' WILL HOLD AMSERV OUTPUT
DMSSTT062E INVALID CHARACTER 'char' IN FILEID {'fname1 AMSERV'|'fname2 LISTING'}

ASM3705

DMSARN001E NO FILENAME SPECIFIED
DMSARN002E FILE 'fn ft' NOT FOUND
DMSARN003E INVALID OPTION 'option'
DMSARN004W WARNING MESSAGES ISSUED
DMSARN006E NO READ/WRITE DISK ACCESSED
DMSARN007E FILE 'fn ft fm' IS NOT FIXED, 80 CHAR. RECORDS
DMSARN008W ERROR MESSAGES ISSUED
DMSARN012W SEVERE ERROR MESSAGES ISSUED
DMSARN016W TERMINAL ERROR MESSAGES ISSUED
DMSARX001E NO FILENAME SPECIFIED
DMSARX002E FILE 'fn ASM3705' NOT FOUND
DMSARX003E INVALID OPTION 'option'
DMSARX006E NO READ/WRITE DISK ACCESSED
DMSARX007E FILE 'fn ASM3705' IS NOT FIXED, 80-CHAR. RECORDS
DMSARX038E FILEID CONFLICT FOR DDNAME 'ASM3705'
DMSARX052E MORE THAN 100 CHARS. OF OPTIONS SPECIFIED
DMSARX070E INVALID PARAMETER 'parameter'
DMSARX074E ERROR SETTING/RESETTING AUXILIARY DIRECTORY
DMSARX075E DEVICE 'device' INVALID FOR INPUT

ASSEMBLE

DMSASM001E NO FILENAME SPECIFIED
DMSASM002E FILE 'fn ASSEMBLE' NOT FOUND
DMSASM003E INVALID OPTION 'option'
DMSASM006E NO READ/WRITE DISK ACCESSED
DMSASM007E FILE 'fn ASSEMBLE' IS NOT FIXED, 80-CHAR. RECORDS
DMSASM038E FILEID CONFLICT FOR DDNAME 'ASSEMBLE'
DMSASM052E MORE THAN 100 CHARS. OF OPTIONS SPECIFIED
DMSASM070E INVALID PARAMETER 'parameter'
DMSASM074E ERROR [RE]SETTING AUXILIARY DIRECTORY
DMSASM075E DEVICE 'device' INVALID FOR INPUT

ASSGN

DMSASN003E INVALID OPTION 'option'
DMSASN027E INVALID DEVICE 'device'
DMSASN028E NO LOGICAL UNIT SPECIFIED
DMSASN029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSASN035E INVALID TAPE MODE
DMSASN050E PARAMETER MISSING AFTER SYSxxx
DMSASN065E 'option' OPTION SPECIFIED TWICE
DMSASN066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSASN069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSASN070E INVALID PARAMETER 'parameter'
DMSASN087E INVALID ASSIGNMENT OF 'SYSxxx' TO DEVICE 'device'
DMSASN090E INVALID DEVICE CLASS 'device class' FOR 'device'
DMSASN099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSASN113S {'TAPn|mode|READER|PUNCH|PRINTER} addr' NOT ATTACHED

CATCHECK

DMSCCK803E INVALID PARAMETER SPECIFICATION
DMSCCK804S ERROR ESTABLISHING CMS/DOS ENVIRONMENT
DMSCCK805S ERROR ASSIGNING OUTPUT TO PRINTER
DMSCCK806S VSE/VSAM PHASE "IKQVCHK" NOT FOUND
DMSCCK807S ERROR ENCOUNTERED ISSUING ASSGN FOR CATALOG

CMSBATCH

DMSBTB100E NO BATCH PROCESSOR AVAILABLE
DMSBTB101E BATCH NOT LOADED
DMSBTP105E NO JOB CARD PROVIDED
DMSBTP106E JOB CARD FORMAT INVALID
DMSBTP107E CP/CMS COMMAND 'command, (device)' NOT ALLOWED
DMSBTP108E /SET CARD FORMAT INVALID
DMSBTP109E {CPU|PRINTER|PUNCH} LIMIT EXCEEDED

COMPARE

DMSCMP002E FILE 'fn [ft [fm]]' NOT FOUND
DMSCMP003E INVALID OPTION 'option'
DMSCMP005E NO 'option' COLUMN SPECIFIED
DMSCMP009E COLUMN 'col' EXCEEDS RECORD LENGTH
DMSCMP010E PREMATURE EOF ON FILE ['fn ft [fm]]
DMSCMP011E CONFLICTING FILE FORMATS
DMSCMP019E IDENTICAL FILEIDS
DMSCMP029E INVALID PARAMETER 'parameter' IN THE option 'COL' FIELD
DMSCMP054E INCOMPLETE FILEID ['fn [ft]] SPECIFIED
DMSCMP062E INVALID * IN FILEID
DMSCMP069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSCMP104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSCMP109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSCMP179I COMPARING 'fn ft fm' WITH 'fn ft fm'
DMSCMP209W FILES DO NOT COMPARE
DMSCMP211E COLUMN FIELDS OUT OF SEQUENCE

COPY

DMSCPY002E [INPUT|OVERLAY] FILE[(S)] ['fn [ft [fm]]'] NOT FOUND
 DMSCPY003E INVALID OPTION 'option'
 DMSCPY024E FILE 'fn ft fm' ALREADY EXISTS, SPECIFY 'REPLACE'
 DMSCPY029E INVALID PARAMETER 'parameter' IN THE 'option' OPTION FIELD
 DMSCPY030E FILE 'fn ft fm' ALREADY ACTIVE
 DMSCPY037E DISK 'mode[vaddr]' IS READ/ONLY.
 {'A' MUST BE R/W FOR 'DISK LOAD'}
 DMSCPY042E NO FILEID[(S)] SPECIFIED
 DMSCPY048E INVALID MODE 'mode'
 DMSCPY054E INCOMPLETE FILEID SPECIFIED
 DMSCPY062E INVALID CHAR '[=*|char]' IN FILEID '[fn ft fm]'
 DMSCPY063E NO [{TRANSLATION|SPECIFICATION}] LIST ENTERED
 DMSCPY064E INVALID [TRANSLATION] SPECIFICATION AT OR NEAR '.....'
 DMSCPY065E 'option' OPTION SPECIFIED TWICE
 DMSCPY066E 'option' AND 'option' ARE CONFLICTING OPTIONS
 DMSCPY067E COMBINED INPUT FILES ILLEGAL WITH PACK OR UNPACK OPTIONS
 DMSCPY068E INPUT FILE 'fn ft fm' NOT IN PACKED FORMAT
 DMSCPY069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED
 {'A' MUST BE R/W FOR 'DISK LOAD'}
 DMSCPY101S SPECS TEMP STRING STORAGE EXHAUSTED AT '.....'
 DMSCPY102S TOO MANY FILEIDS
 DMSCPY103S NUMBER OF SPECS EXCEEDS MAX 20
 DMSCPY156E 'FROM nnn' NOT FOUND --FILE 'fn ft fm' HAS ONLY 'nnn' RECORDS
 DMSCPY157E LABEL 'label' NOT FOUND IN FILE 'fn ft fm'
 DMSCPY172E TOLABEL 'label' {EQUALS| IS AN INITIAL SUBSTRING OF} FRLABEL 'label'
 DMSCPY173E NO RECORDS WERE COPIED TO OUTPUT FILE 'fn ft fm'
 DMSCPY601R ENTER SPECIFICATION LIST:
 DMSCPY602R ENTER TRANSLATION LIST:
 DMSCPY721I COPY 'fn ft fm' [{TO|APPEND|OVLY}] 'fn ft fm' {OLD|NEW} FILE]
 DMSCPY901T UNEXPECTED ERROR AT 'addr': PLIST 'plist' AT 'addr', BASE 'addr', RC 'nn'
 DMSCPY903T IMPOSSIBLE PHASE CODE 'hh'
 DMSCPY904T UNEXPECTED UNPACK ERROR AT 'addr', BASE 'addr'

CPEREP

DMSIFC002E FILE 'fn ft [fm]' NOT FOUND
 DMSIFC007E FILE 'fn ft fm' IS NOT FIXED, 80 CHAR. RECORDS
 DMSIFC023E NO FILETYPE SPECIFIED
 DMSIFC070E INVALID PARAMETER 'parameter'
 DMSIFC104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
 DMSIFC825E CLEAR IS VALID ONLY WHEN SPECIFIED BY ITSELF
 DMSIFC826E EREP TXTLIBS NOT FOUND
 DMSIFC828I CPEREP ZERO OR CLEAR HAS BEEN COMPLETED
 DMSIFC829W ATTEMPTED 'ZERO' WAS SUPPRESSED. REQUIRES PRIVILEGE CLASS F
 DMSIFC831E MORE THAN 100 CHARS. OF OPTIONS SPECIFIED
 DMSREA830E I/O ERROR READING A BLOCK OF RECORDS FROM THE ERROR RECORDING CYLINDERS
 DMSIFC832S SOFTWARE INCOMPATIBILITY AT THE CPEREP-EREP INTERFACE. CODE=nnn

DEBUG

DMSDBG113S PRINTER addr NOT ATTACHED
 DMSDBG728I DEBUG ENTERED [EXTERNAL INT|BREAKPOINT nn AT xxxxxx]

DEFAULTS

DMSWDF014E INVALID KEYWORD 'function'
 DMSWDF029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
 DMSWDF637E MISSING VALUE FOR THE {PROFILE|FROM|FOR|NOTEBOOK} OPTION
 DMSWDF641E NO {OPTIONS|COMMAND} SPECIFIED
 DMSWDF642E DEFAULTS DOES NOT ACCEPT {'COMMAND' command|'OPTION'
 option for 'COMMAND'}
 DMSWDF653E ERROR EXECUTING 'GLOBALV'
 DMSSTT062E INVALID CHARACTER 'character' IN FILEID 'fn ft fm'

DISCARD

DMSWDC651E DISCARD MUST BE ISSUED FOR RDRLIST, PEEK OR LISTFILE
 DMSWDC652E MISSING OPERAND{S}. ENTER 'EXECUTE [n] DISCARD'
 DMSWDC653E ERROR EXECUTING 'command', RC = 'nn'

DISK

DMSDSK002E FILE[(S)] ['fn [ft [fm]]'] NOT FOUND
 DMSDSK014E INVALID FUNCTION 'function'
 DMSDSK037E DISK 'mode[vaddr]' IS READ/ONLY.
 {'A' MUST BE R/W FOR 'DISK LOAD'}
 DMSDSK047E NO FUNCTION SPECIFIED
 DMSDSK048E INVALID MODE 'mode'
 DMSDSK054E INCOMPLETE FILEID SPECIFIED
 DMSDSK062E INVALID * IN FILEID ['fn ft fm']
 DMSDSK070E INVALID PARAMETER 'parameter'
 DMSDSK077E END CARD MISSING FROM INPUT DECK
 DMSDSK078E INVALID CARD IN INPUT DECK
 DMSDSK078W SEQUENCE ERROR DETECTED LOADING 'fn ft'
 EXPECTED '.....' FOUND '.....'
 DMSDSK104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
 DMSDSK105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
 DMSDSK118S ERROR PUNCHING FILE
 DMSDSK124S ERROR READING CARD FILE
 DMSDSK205W READER EMPTY OR NOT READY
 DMSDSK445W INVALID DATA IN SEQUENCE FIELD, BYPASSING SEQUENCE CHECK
 DMSDSK496S READER FILE ALTERED TO DISK LOAD AS: 'fn ft fm'.
 DISK LOAD STOPPED. FILE HAS BEEN LEFT IN YOUR READER.
 DMSDSK550W DATE/TIME DATA NOT PRESENT FOR FILE 'fn ft'

DLBL

DMSDLB001E NO FILENAME SPECIFIED
 DMSDLB003E INVALID OPTION 'option'
 DMSDLB005E NO '{CAT|BUFSP}' SPECIFIED
 DMSDLB023E NO FILETYPE SPECIFIED
 DMSDLB048E INVALID MODE 'mode'
 DMSDLB050E PARAMETER MISSING AFTER DDNAME
 DMSDLB065E 'option' OPTION SPECIFIED TWICE
 DMSDLB066E 'option' AND 'option' ARE CONFLICTING OPTIONS
 DMSDLB069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
 {'A' MUST BE R/W FOR 'DISK LOAD'}
 DMSDLB070E INVALID PARAMETER 'parameter'
 DMSDLB086E INVALID DDNAME 'ddname'
 DMSDLB109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSDLB220R ENTER DATA SET NAME:
 DMSDLB221E INVALID DATA SET NAME
 DMSDLB301E 'SYSxxx' NOT ASSIGNED FOR DISK 'fm'
 DMSDLB302E NO SYSXXX OPERAND SPECIFIED
 DMSDLB304E INVALID OPERAND VALUE 'value'
 DMSDLB305E INCOMPLETE EXTENT RANGE
 DMSDLB306E SYSxxx NOT ASSIGNED FOR 'IGNORE'
 DMSDLB307E CATALOG DDNAME 'ddname' NOT FOUND
 DMSDLB308E 'mode' DISK IN [NON-]CMS FORMAT: INVALID FOR [NON-]CMS DATASET
 DMSDLB320I MAXIMUM NUMBER OF DISK ENTRIES RECORDED
 DMSDLB321I MAXIMUM NUMBER OF EXTENTS RECORDED
 DMSDLB322I DDNAME 'ddname' NOT FOUND: NO CLEAR EXECUTED
 DMSDLB323I {MASTER|JOB} CATALOG DLBL CLEARED
 DMSDLB324I NO USER DEFINED DLBL's IN EFFECT
 DMSDLB330R ENTER VOLUME SPECIFICATIONS:
 DMSDLB331R ENTER EXTENT SPECIFICATIONS:

DOSLIB

DMSDSL002E FILE 'fn DOSLIB' NOT FOUND
DMSDSL003E INVALID OPTION 'option'
DMSDSL013W PHASE 'phase' NOT FOUND IN LIBRARY 'fn DOSLIB fm'
DMSDSL014E INVALID FUNCTION 'function'
DMSDSL037E DISK 'mode' IS READ/ONLY. {'A MUST BE R/W FOR 'DISK LOAD'}
DMSDSL046E NO LIBRARY NAME SPECIFIED
DMSDSL047E NO FUNCTION SPECIFIED
DMSDSL069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSDSL070E INVALID PARAMETER 'parameter'
DMSDSL098E NO PHASE NAME SPECIFIED
DMSDSL104S ERROR 'nn' READING FILE 'fn DOSLIB fm' FROM DISK
DMSDSL105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSDSL213W LIBRARY 'fn DOSLIB fm' NOT CREATED

DOSLKED

DMSDLK001E NO FILENAME SPECIFIED
DMSDLK003E INVALID OPTION 'option'
DMSDLK006E NO READ/WRITE DISK ACCESSED
DMSDLK007E FILE 'fn ft fm' IS NOT FIXED, 80 CHAR. RECORDS
DMSDLK070E INVALID PARAMETER 'parameter'
DMSDLK099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSDLK104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSDLK105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSDLK210E LIBRARY 'fn ft' IS ON A READ-ONLY DISK
DMSDLK245S ERROR 'nnn' ON PRINTER

DSERV

DMSDSV003E INVALID OPTION 'option'
DMSDSV021W NO TRANSIENT DIRECTORY
DMSDSV022W NO CORE IMAGE DIRECTORY
DMSDSV023W NO RELOCATABLE DIRECTORY
DMSDSV024W NO PROCEDURE DIRECTORY
DMSDSV025W NO SOURCE STATEMENT DIRECTORY
DMSDSV026W 'phase' NOT IN LIBRARY
DMSDSV027E INVALID DEVICE 'nn'
DMSDSV027W NO PRIVATE CORE IMAGE LIBRARY
DMSDSV028W NO {PRIVATE|SYSTEM} TRANSIENT DIRECTORY ENTRIES
DMSDSV047E NO FUNCTION SPECIFIED
DMSDSV065E 'option' OPTION SPECIFIED TWICE
DMSDSV066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSDSV070E INVALID PARAMETER 'parameter'
DMSDSV095E INVALID ADDRESS 'address'
DMSDSV099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSDSV105S ERROR 'nn' WRITING FILE 'DSERV MAP A5' ON DISK
DMSDSV245S ERROR 'nnn' ON PRINTER
DMSDSV411S INPUT ERROR CODE 'nn' ON {SYSRES|SYSRLB}

EDIT

DMSEDI003E INVALID OPTION 'option'
DMSEDI024E FILE 'fn ft fm' ALREADY EXISTS
DMSEDI029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSEDI044E RECORD LENGTH EXCEEDS ALLOWABLE MAXIMUM
DMSEDI054E INCOMPLETE FILEID ['fn [ft]'] SPECIFIED
DMSEDI069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSEDI076E ACTUAL RECORD LENGTH EXCEEDS THAT SPECIFIED
DMSEDI104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSEDI105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSEDI117S ERROR WRITING TO DISPLAY TERMINAL
DMSEDI132S FILE 'fn ft fm' TOO LARGE
DMSEDI143S UNABLE TO LOAD SAVED SYSTEM OR LOAD MODULE

DMSEDI144S REQUESTED FILE IS IN ACTIVE STATUS
DMSEDX069E DISK 'mode' NOT ACCESSED

ERASE

DMSERS002E FILE[(S)] ['fn [ft [fm]]'] NOT FOUND
DMSERS003E INVALID OPTION 'option'
DMSERS037E DISK 'mode vaddr' IS READ/ONLY.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSERS048E INVALID MODE 'mode'
DMSERS054E INCOMPLETE FILEID ['fn [ft]'] SPECIFIED
DMSERS069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSERS070E INVALID PARAMETER 'parameter'
DMSERS071E ERASE * * [fm|*] NOT ALLOWED
DMSERS109T VIRTUAL STORAGE CAPACITY EXCEEDED

ESERV

DMSERV001E NO FILENAME SPECIFIED
DMSERV002E FILE 'fn ESERV' NOT FOUND
DMSERV006E NO READ/WRITE DISK ACCESSED
DMSERV027E INVALID DEVICE 'device' FOR SYSxxx
DMSERV037E DISK 'mode' IS READ/ONLY.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSERV070E INVALID ARGUMENT 'argument'
DMSERV099E CMS/DOS ENVIRONMENT NOT ACTIVE

EXEC

DMSEXC001E NO FILENAME SPECIFIED
DMSEXT072E ERROR IN EXEC FILE fn, LINE nnn - message

EXECIO

DMSEIO618E NUCEXT FAILED
DMSEIO621E BAD PLIST: xxxxxx
DMSEIO622E INSUFFICIENT FREE STORAGE FOR EXECIO
DMSEIO632E I/O ERROR IN EXECIO: RC=nnn FROM 'command' COMMAND

EXECUTE

DMSWEX526E OPTION 'CURSOR' VALID IN DISPLAY MODE ONLY
DMSWEX561E CURSOR IS NOT ON A VALID DATA FIELD
DMSWEX654E INVALID SYMBOL 'symbol' {'/' MUST BE SPECIFIED
ALONE|INVALID CHARACTER 'char' FOLLOWING '/' SYMBOL}
DMSWEX651E 'EXECUTE' MUST BE ISSUED FROM FILELIST OR RDRLIST

EXEC 2

DMSEXE085E ERROR IN fn ft fm, LINE nnn - message
DMSEXE175E INVALID EXEC COMMAND
DMSEXE255T INSUFFICIENT STORAGE FOR EXEC INTERPRETER

FETCH

DMSFCH016E NO PRIVATE CORE IMAGE LIBRARY FOUND
DMSFCH104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSFCH109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSFCH113S DISK addr NOT ATTACHED
DMSFCH115E PHASE LOAD POINT LESS THAN 'address'
DMSFCH411S INPUT ERROR CODE 'nn' ON {SYSRES|SYSCLB}
DMSFCH623S PHASE CANNOT BE LOADED AT LOCATION 'location' BECAUSE
IT WOULD OVERLAY THE CMS NUCLEUS
DMSFCH777S DOS PARTITION TOO SMALL TO ACCOMMODATE FETCH REQUEST
DMSFET003E INVALID OPTION 'option'
DMSFET004E PHASE 'phase' NOT FOUND;
DMSFET029E INVALID PARAMETER 'parameter' IN THE OPTION 'ORIGIN' FIELD
DMSFET070E INVALID PARAMETER 'parameter'
DMSFET098E NO PHASE NAME SPECIFIED

DMSFET099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSFET623S PHASE CANNOT BE LOADED AT LOCATION 'location' BECAUSE
IT WOULD OVERLAY THE CMS NUCLEUS
DMSFET710I PHASE 'phase' ENTRY POINT AT LOCATION xxxxxx
DMSLIO055E NO ENTRY POINT DEFINED
DMSLIO740I EXECUTION BEGINS...

FILEDEF

DMSFLD003E INVALID OPTION 'option'
DMSFLD017E INVALID DEVICE ADDRESS 'vaddr'
DMSFLD023E NO FILETYPE SPECIFIED
DMSFLD027E INVALID DEVICE 'device name'
DMSFLD029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSFLD035E INVALID TAPE MODE
DMSFLD050E PARAMETER MISSING AFTER DDNAME
DMSFLD065E 'option' OPTION SPECIFIED TWICE
DMSFLD066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSFLD069I DISK 'mode' NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSFLD070E INVALID PARAMETER 'parameter'
DMSFLD220R ENTER DATA SET NAME:
DMSFLD221E INVALID DATA SET NAME 'data set name'
DMSFLD224E FILEID ALREADY IN USE
DMSFLD420E NSL EXIT FILENAME MISSING OR INVALID
DMSFLD699E NO FILETYPE SPECIFIED OR 'cuu' IS AN INVALID DISK ADDRESS
DMSFLD704I INVALID CLEAR REQUEST
DMSSTT228I USER LABELS BYPASSED ON DATA SET 'data set name'
DMSQRY324I NO USER DEFINED FILEDEF'S IN EFFECT

FILELIST

DMSWFL002E FILE 'fn ft fm' NOT FOUND
DMSWFL003E INVALID OPTION 'option'
DMSWFL054E INCOMPLETE FILEID SPECIFIED
DMSWFL070E INVALID PARAMETER 'parameter'
DMSWFL637E MISSING VALUE FOR THE 'PROFILE' OPTION
DMSWFL651E 'APPEND' MUST BE ISSUED FOR RDRLIST OR FILELIST
DMSWFL680E INVALID FILEID SPECIFIED WITH 'FILELIST' OPTION
DMSST062E INVALID CHARACTER 'character' IN FILEID 'fn ft fm'

FORMAT

DMSFOR003E INVALID OPTION 'option'
DMSFOR005E NO 'option' SPECIFIED
DMSFOR017E INVALID DEVICE ADDRESS 'vaddr'
DMSFOR028E NO DEVICE SPECIFIED
DMSFOR037E DISK 'mode[vaddr]' IS READ/ONLY.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSFOR048E INVALID MODE 'mode'
DMSFOR069E DISK {'mode'|'vaddr'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSFOR070E INVALID PARAMETER 'parameter'
DMSFOR113S {TAPn addr|mode addr|READER|PUNCH|PRINTER} NOT ATTACHED
DMSFOR114S 'raddr' IS AN UNSUPPORTED DEVICE TYPE
DMSFOR125S PERMANENT UNIT CHECK ON DISK 'mode vaddr'
DMSFOR114S 'raddr' IS AN UNSUPPORTED DEVICE, OR REQUESTED BLKSIZE IS NOT
SUPPORTED FOR THE DEVICE
DMSFOR126S ERROR {READ|WRIT}ING LABEL ON DISK 'mode vaddr'
DMSFOR214W CANNOT RECOMPUTE WITHOUT LOSS OF DATA. NO CHANGE.
DMSFOR216E INSUFFICIENT BLOCKS ON DISK TO SUPPORT CMS DISK STRUCTURE
DMSFOR603R FORMAT WILL ERASE ALL FILES ON DISK 'mode vaddr'.
DO YOU WISH TO CONTINUE? (YES|NO):
DMSFOR605R ENTER DISK LABEL:
DMSFOR705I DISK REMAINS UNCHANGED
DMSFOR732I 'nnn' CYLINDERS FORMATTED ON DISK 'mode vaddr'

DMSFOR732I 'nnn' {CYLINDERS|FB-512 BLOCKS} FORMATTED ON DISK 'mode vaddr'
DMSFOR733I FORMATTING DISK 'mode'

GENDIRT

DMSGND002W FILE[(S)] ['fn [ft [fm]]'] NOT FOUND
DMSGND021E ENTRY POINT 'name' NOT FOUND
DMSGND022E NO DIRECTORY NAME SPECIFIED
DMSGND070E INVALID PARAMETER 'parameter'

GENMOD

DMSMOD003E INVALID OPTION 'option'
DMSMOD005E NO '{FROM|TO} ENTRY' SPECIFIED
DMSMOD021E ENTRY POINT 'name' NOT FOUND
DMSMOD032E INVALID FILETYPE 'ft'
DMSMOD037E DISK 'mode' IS READ/ONLY
DMSMOD040E NO FILES LOADED
DMSMOD070E INVALID PARAMETER 'parameter'
DMSMOD084E INVALID USE OF 'FROM' AND 'TO' OPTIONS
DMSMOD105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSSTT048E INVALID MODE 'mode'
DMSSTT069E DISK 'mode' NOT ACCESSED

GEN3705

DMSGRN002E FILE 'fn ft [fm]' NOT FOUND
DMSGRN003E INVALID OPTION 'option'
DMSGRN007E FILE 'fn ft' IS NOT FIXED, 80 CHAR. RECORDS
DMSGRN048E INVALID MODE 'mode'
DMSGRN054E INCOMPLETE FILEID SPECIFIED
DMSGRN078E INVALID CARD IN INPUT FILE '80 character card image'

GLOBAL

DMSGLB002W FILE 'fn ft' NOT FOUND
DMSGLB014E INVALID FUNCTION 'function'
DMSGLB047E NO FUNCTION SPECIFIED
DMSGLB108S MORE THAN 8 LIBRARIES SPECIFIED

GLOBALV

DMSGLO047E NO FUNCTION SPECIFIED
DMSGLO104S ERROR 'nn' READING FILE 'fn ft fm' NOT FOUND
DMSGLO618E NUCEXT FAILED
DMSGLO622E INSUFFICIENT FREE STORAGE - NO TABLE MADE
DMSGLO628E INVALID GLOBALV FUNCTION 'function'
DMSGLO631E SETL/SETLP/SETLS CAN ONLY BE EXCEEDED FROM AN EXEC 2 OR REXX
EXEC [OR AS A CMS COMMAND]
DMSGLO649E EXTRANEIOUS PARAMETER 'parameter'

HELP

DMSHLP002E INPUT FILE(S) 'fn ft fm' NOT FOUND
DMSHLP003E INVALID OPTION 'option'
DMSHLP104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSHLP109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSHLP250S I/O ERROR OR DEVICE ERROR
DMSHLP251E HELP PROCESSING ERROR CODE nn - 'description'
DMSHLP252E VALID OPTIONS ARE = DESC FORM PARM ALL
DMSHLP254E HELP CANNOT FIND THE INFORMATION YOU REQUESTED. IF NOT
MISSPELLED, PLEASE ENTER 'HELP' FOR MENU SELECTION OR
'HELP HELP' FOR THE HELP COMMAND
DMSHEL529E 'subcommand' SUBCOMMAND IS ONLY VALID IN EDITING MODE
DMSHEL545E MISSING OPERAND(S)
DMSHEL561E CURSOR IS NOT ON A VALID DATA FIELD
DMSHLP907T I/O ERROR ON FILE 'fn ft fm'

IDENTIFY

DMSIDE003E INVALID OPTION 'nn'
DMSIDE056E FILE 'fn ft' CONTAINS INVALID RECORD FORMAT
DMSIDE070E INVALID PARAMETER 'parameter'
DMSIDE104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK

IMAGEMOD

DMSIMA001E NO FILENAME SPECIFIED
DMSIMA002E FILE 'fn ft' NOT FOUND
DMSIMA003E INVALID OPTION 'option'
DMSIMA013E MEMBER 'name' NOT FOUND IN LIBRARY 'libname'
DMSIMA014E INVALID FUNCTION 'function'
DMSIMA046E NO LIBRARY NAME SPECIFIED
DMSIMA047E NO FUNCTION SPECIFIED
DMSIMA346E ERROR 'nn' LOADING 'fn ft' FROM DISK
DMSIMA347E ERROR 'nn' LOADING LIBRARY 'libname'
DMSIMA348E ERROR 'nn' SAVING LIBRARY 'libname'
DMSIMA349E INVALID LIBRARY 'libname'
DMSIMA751E MEMBER 'name' FOUND IN LIBRARY 'libname'

IMMCMO

DMSIMM014E INVALID FUNCTION 'function'
DMSIMM047E NO FUNCTION SPECIFIED
DMSIMM070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSIMM109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSIMM261E NO IMMEDIATE COMMAND NAME WAS SPECIFIED
DMSIMM262E SPECIFIED IMMEDIATE COMMAND NOT FOUND
DMSIMM263E SPECIFIED IMMEDIATE COMMAND IS A NUCLEUS EXTENSION AND
CANNOT BE CLEARED

INCLUDE

DMSLGT002I FILE 'fn' [TXTLIB|LOADLIB] NOT FOUND
DMSLIO001E NO FILENAME SPECIFIED
DMSLIO002E FILE ['fn [ft [fm]]'] NOT FOUND
DMSLIO003E INVALID OPTION 'option'
DMSLIO005E NO 'option' SPECIFIED
DMSLIO021E ENTRY POINT 'name' NOT FOUND
DMSLIO029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSLIO055E NO ENTRY POINT DEFINED
DMSLIO056E FILE 'fn ft fm' CONTAINS INVALID RECORD FORMATS
DMSLIO099E CMS/DOS ENVIRONMENT ACTIVE
DMSLIO104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSLIO105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSLIO109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSLIO116S LOADER TABLE OVERFLOW
DMSLIO168S PSEUDO REGISTER TABLE OVERFLOW
DMSLIO169S ESDID TABLE OVERFLOW
DMSLIO201W THE FOLLOWING NAMES ARE UNDEFINED:
DMSLIO202W DUPLICATE IDENTIFIER 'identifier'
DMSLIO203W "SET LOCATION COUNTER" NAME 'name' UNDEFINED
DMSLIO206W PSEUDO REGISTER ALIGNMENT ERROR
DMSLIO623S MODULE CANNOT BE LOADED AT LOCATION 'location' BECAUSE
IT WOULD OVERLAY THE CMS NUCLEUS
DMSLIO740I EXECUTION BEGINS ...
DMSLIO907T I/O ERROR ON FILE 'fn ft fm'

IOCP

DMSICP001E NO FILENAME SPECIFIED
DMKICP002E FILE 'filename' IOCP NOT FOUND
DMSICP003E INVALID OPTION 'option'
DMSICP006E NO READ/WRITE DISK ACCESSED
DMSICP007E FILE 'filename' IOCP IS NOT FIXED, 80 CHAR. RECORDS
DMSICP038E FILEID CONFLICT FOR DDNAME 'SYSIN'
DMSICP070E INVALID PARAMETER 'parameter'

DMSICP075E DEVICE 'devtyp' INVALID FOR {INPUT|OUTPUT}
DMSICP099E CMS/DOS ENVIRONMENT ACTIVE

LABELDEF

DMSLBD003E INVALID OPTION - option
DMSLBD029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSLBD065E 'option' OPTION SPECIFIED TWICE
DMSLBD066E 'option' and 'option' ARE CONFLICTING OPTIONS
DMSLBD070E INVALID PARAMETER 'parameter'
DMSLBD221E INVALID DATA SET NAME
DMSLBD324I NO USER DEFINED LABELDEF's IN EFFECT
DMSLBD704I INVALID CLEAR REQUEST

LISTDS

DMSLDS002E DATA SET NOT FOUND
DMSLDS003E INVALID OPTION 'option'
DMSLDS048E INVALID MODE 'mode'
DMSLDS069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{ 'A' MUST BE R/W FOR 'DISK LOAD' }
DMSLDS220R ENTER DATA SET NAME:
DMSLDS221E INVALID DATA SET NAME
DMSLDS222E I/O ERROR READING 'data set name' FROM {'fm'|OS|DOS} DISK
DMSLDS223E NO FILEMODE SPECIFIED
DMSLDS226E NO DATA SET NAME ALLOWED WITH FREE OPTION
DMSLDS227W INVALID EXTENT FOUND FOR 'datasetname' ON {'fm'|OS|DOS} DISK
DMSLDS229I NO MEMBERS FOUND
DMSLDS231E I/O ERROR READING VTOC FROM 'fm' DISK
DMSLDS233I NO FREE SPACE AVAILABLE ON 'fm' DISK

LISTFILE

DMSLST002E FILE NOT FOUND
DMSLST003E INVALID OPTION 'option'
DMSLST037E DISK 'mode[vaddr]' IS READ/ONLY.
{ 'A' MUST BE R/W FOR 'DISK LOAD' }
DMSLST048E INVALID MODE 'mode'
DMSLST066E 'option' and 'option' ARE CONFLICTING OPTIONS
DMSLST069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{ 'A' MUST BE R/W FOR 'DISK LOAD' }
DMSLST070E INVALID PARAMETER 'parameter'
DMSLST105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSLST688E 'XEDIT' OPTION ONLY VALID FROM XEDIT ENVIRONMENT
DMSLST689E FILE MUST BE F-FORMAT 108 OR V-FORMAT

LISTIO

DMSLLU003E INVALID OPTION 'option'
DMSLLU006E NO READ/WRITE 'A' DISK ACCESSED
DMSLLU070E INVALID PARAMETER 'parameter'
DMSLLU099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSLLU105S ERROR 'nn' WRITING FILE '\$LISTIO EXEC A1' ON DISK
DMSLLU303E NO SYSXXX SATISFIES REQUEST

LKED

DMSLKD001E NO FILENAME SPECIFIED
DMSLKD002E FILE 'fn ft' NOT FOUND
DMSLKD004W WARNING MESSAGES ISSUED
DMSLKD005E NO 'keyword' SPECIFIED
DMSLKD006E NO READ/WRITE DISK ACCESSED
DMSLKD007E FILE 'fn ft' IS NOT FIXED, 80-CHAR. RECORDS
DMSLKD008W ERROR MESSAGES ISSUED
DMSLKD012W SEVERE ERROR MESSAGES ISSUED
DMSLKD016W TERMINAL ERROR MESSAGES ISSUED
DMSLKD070E INVALID PARAMETER 'parameter'

LOAD

DMSLGT002I FILE 'fn' [TXTLIB|LOADLIB] NOT FOUND
 DMSLIO001E NO FILENAME SPECIFIED
 DMSLIO002E FILE[(S)] ['fn [ft [fm]]'] NOT FOUND
 DMSLIO003E INVALID OPTION 'option'
 DMSLIO005E NO 'option' SPECIFIED
 DMSLIO021E ENTRY POINT 'name' NOT FOUND
 DMSLIO029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
 DMSLIO055E NO ENTRY POINT DEFINED
 DMSLIO056E FILE 'fn ft fm' CONTAINS INVALID RECORD FORMATS
 DMSLIO099E CMS/DOS ENVIRONMENT ACTIVE
 DMSLIO104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
 DMSLIO105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
 DMSLIO109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSLIO116S LOADER TABLE OVERFLOW
 DMSLIO168S PSEUDO REGISTER TABLE OVERFLOW
 DMSLIO169S ESDID TABLE OVERFLOW
 DMSLIO201W THE FOLLOWING NAMES ARE UNDEFINED:
 DMSLIO202W DUPLICATE IDENTIFIER 'IDENTIFIER'
 DMSLIO203W "SET LOCATION COUNTER" NAME 'name' UNDEFINED
 DMSLIO206W PSEUDO REGISTER ALIGNMENT ERROR
 DMSLIO623S MODULE CANNOT BE LOADED AT LOCATION 'location' BECAUSE
 IT WOULD OVERLAY THE CMS NUCLEUS
 DMSLIO740I EXECUTION BEGINS ...
 DMSLIO907T I/O ERROR ON FILE 'fn ft fm'
 DMSSTT062E INVALID * IN FILEID

LOADMOD

DMSMOD001E NO FILENAME SPECIFIED
 DMSMOD002E FILE ['fn [ft]] NOT FOUND
 DMSMOD032E INVALID FILETYPE 'ft'
 DMSMOD070E INVALID PARAMETER 'parameter'
 DMSMOD104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
 DMSMOD109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSMOD114E 'fn ft fm' NOT LOADED; CMS/DOS ENVIRONMENT [NOT] ACTIVE
 DMSMOD116S LOADER TABLE OVERFLOW
 DMSSSLN002E FILE 'fn ft' NOT FOUND
 DMSSSLN104E ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
 DMSSTT048E INVALID MODE 'mode'

MACLIB

DMSLBM001E NO FILENAME SPECIFIED
 DMSLBM002E FILE ['fn [ft]] NOT FOUND
 DMSLBM002W FILE 'fn ft [fm]' NOT FOUND
 DMSLBM003E INVALID OPTION 'option'
 DMSLBM013W MEMBER 'name' NOT FOUND IN LIBRARY 'fn ft fm'
 DMSLBM014E INVALID FUNCTION 'function'
 DMSLBM037E DISK 'mode[vaddr]' IS READ/ONLY.
 {'A' MUST BE R/W FOR 'DISKLOAD'}
 DMSLBM046E NO LIBRARY NAME SPECIFIED
 DMSLBM047E NO FUNCTION SPECIFIED
 DMSLBM056E FILE 'fn ft fm' CONTAINS INVALID RECORD FORMATS
 DMSLBM069E DISK 'mode' NOT ACCESSED
 DMSLBM070E INVALID PARAMETER 'parameter'
 DMSLBM104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
 DMSLBM105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
 DMSLBM109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSLBM157S MACLIB LIMIT EXCEEDED [, LAST MEMBER NAME ADDED WAS 'membername']
 DMSLBM167S PREVIOUS MACLIB FUNCTION NOT FINISHED
 DMSLBM213W LIBRARY 'fn ft fm' NOT CREATED
 DMSLBM907T I/O ERROR ON FILE 'fn ft fm'

MODMAP

DMSMDP001E NO FILENAME SPECIFIED
DMSMDP002E FILE ['fn [ft [fm]]'] NOT FOUND
DMSMDP018E NO LOAD MAP AVAILABLE
DMSMDP070E INVALID PARAMETER 'parameter'

MOVEFILE

DMSMVE002E FILE[(S)]['fn [ft [fm]]'] NOT FOUND
DMSMVE003E INVALID OPTION 'option'
DMSMVE037E OUTPUT DISK 'mode' IS READ/ONLY.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSMVE041E INPUT AND OUTPUT FILES ARE THE SAME
DMSMVE069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSMVE070E INVALID PARAMETER 'parameter'
DMSMVE073E UNABLE TO OPEN FILE ddname
DMSMVE075E DEVICE 'device name' ILLEGAL FOR {INPUT|OUTPUT}
DMSMVE086E INVALID DDNAME 'ddname'
DMSMVE127S UNSUPPORTED DEVICE FOR 'ddname'
DMSMVE128S I/O ERROR ON INPUT AFTER READING 'nnnn' RECORDS: INPUT ERROR CODE code
ON ddname
DMSMVE129S I/O ERROR ON OUTPUT WRITING RECORD NUMBER 'nnnn': OUTPUT ERROR code
ON ddname
DMSMVE130S BLOCKSIZE ON V FORMAT FILE 'ddname' IS LESS THAN 9
DMSMVE225I PDS MEMBER 'membername' MOVED
DMSMVE226I END OF PDS MOVE
DMSMVE232E INVALID RECFM - SPANNED RECORDS NOT SUPPORTED
DMSMVE706I TERM INPUT -- TYPE NULL LINE FOR END OF DATA
DMSMVE708I DISK FILE 'FILE ddname A1' ASSUMED FOR DDNAME 'ddname'

NAMEFIND

DMSNAM002E FILE 'fn ft fm' NOT FOUND
DMSNAM003E INVALID OPTION 'option'
DMSNAM029E INVALID PARAMETER 'parm' IN THE OPTION 'option' FIELD
DMSNAM104S ERROR 'nn' READING FILE 'fn ft fm' FRO DISK
DMSNAM156E RECORD NOT FOUND - FILE 'fn ft fm' HAS ONLY 'nnn' RECORDS
DMSNAM618E NUCEXT FAILED
DMSNAM621E BAD PLIST: NAMEFIND MUST BE INVOKED AS A NUCLEUS EXTENSION
DMSNAM622E INSUFFICIENT FREE STORAGE FOR NAMEFIND
DMSNAM622W INSUFFICIENT FREE STORAGE FOR NAMEFIND BUFFER, PROCESSING CONTINUES
DMSNAM633E TOO MANY TAGS WERE ENCOUNTERED. MAXIMUM IS 64 PER LINE
DMSNAM633W RETURNED VALUES WERE TRUNCATED
DMSNAM634E NO VALUE TO SEARCH FOR WAS SPECIFIED
DMSNAM635I NO ENTRIES WERE FOUND THAT MATCHED YOUR SEARCH CRITERIA
DMSNAM637E MISSING VALUE FOR THE 'option' OPTION
DMSNAM688E 'XEDIT' OPTION ONLY VALID FROM XEDIT ENVIRONMENT

NAMES

DMSWNM649E EXTRANEIOUS PARAMETER 'value'
DMSWNM656E ERROR SEARCHING YOUR NAMES FILE, RC = XX FROM NAMEFIND COMMAND
DMSWNM657E UNDEFINED PFKEY/PAKEY
DMSWNM658W THE VALUE FOR THE 'tag' TAG IS TOO LONG TO DISPLAY IN THE PANEL
DMSWNM660E THE NICKNAME FIELD MUST BE FILLED IN
DMSWNM660W WARNING: THIS ENTRY DUPLICATES AN EXISTING NICKNAME
DMSWNM662E YOU ARE NOT ON AN ENTRY. PRESS PF 5, 7, OR 8 TO MOVE TO AN ENTRY
DMSWNM645W THE USER TAG NAME 'tagname' IS TOO LONG TO DISPLAY IN THE PANEL
DMSWNM664E {ENTRY|NEXT ENTRY|PREVIOUS ENTRY} NOT FOUND

NOTE

DMSWNT003E INVALID OPTION 'option'
DMSWNT006E NO READ/WRITE DISK ACCESSED
DMSWNT062E INVALID CHARACTER 'character' IN FILEID 'fn ft'

DMSWNT637E MISSING {VALUE|'value'} FOR THE {'option'
OPTION|'operand'|OPERAND}
DMSWNT647E USERID NOT SPECIFIED FOR 'nickname' IN 'USERID NAMES' FILES
DMSWNT651E {'CANCEL'|'ADD'} MUST BE ISSUED FROM NOTE
DMSWNT665E FILE 'USERID NOTE *' NOT FOUND. TO BEGIN A NEW NOTE ENTER
"NOTE name"
DMSWNT666E NOTE ALREADY EXISTS. ENTER 'NOTE' TO CONTINUE OR SPECIFY 'REPLACE'
DMSWNT667E NOTE HEADER DOES NOT CONTAIN THE {KEYWORD 'FROM|KEYWORD
'TO:|'|OPTIONS'|'DATE' LINE}
DMSWNT668E THE 'ADD' OPTION MUST BE SPECIFIED ALONE
DMSWNT669E LIST OF ADDRESSES CANNOT BEGIN WITH 'cc:'
DMSWNT670E NO NAMES TO BE ADDED WERE SPECIFIED

NUCXDROP
DMSNXD050E PARAMETER MISSING AFTER NUCXDROP
DMSNXD070E INVALID ARGUMENT 'argument'
DMSNXD616W 'name' DOES NOT EXIST
DMSNXD617E ERROR CODE n FROM DMSFRET WHILE UNLOADING 'module name' MODULE
DMSNXD624W NO NUCLEUS EXTENSIONS ARE LOADED

NUCXLOAD
DMSNXL001E NO FILENAME SPECIFIED
DMSNXL070E INVALID ARGUMENT 'argument'
DMSNXL104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSNXL589E MISSING FILEDEF FOR DDNAME ddname
DMSNXL618E NUCEXT FAILED
DMSNXL619E MODULE 'module name' NOT FOUND
DMSNXL622E INSUFFICIENT FREE STORAGE

NUCXMAP
DMSNXM070E INVALID PARAMETER 'parameter'
DMSNXM622E INSUFFICIENT FREE STORAGE {nn ENTRIES}
DMSNXM624I NO NUCLEUS EXTENSIONS ARE LOADED

OPTION
DMSOPT070E INVALID PARAMETER 'parameter'
DMSOPT099E CMS/DOS ENVIRONMENT NOT ACTIVE

PEEK
DMSWPK003E INVALID OPTION 'option'
DMSWPK029E INVALID PARAMETER 'parm' IN THE OPTION 'option' FIELD
DMSWPK132S FILE IS TOO LARGE
DMSWPK156E FROM 'nnn' NOT FOUND - THE FILE HAS ONLY 'nnn' RECORDS
DMSWPK630S ERROR ACCESSING SPOOL FILE
DMSWPK637E MISSING VALUE FOR THE {PROFILE|FROM|FOR} OPTION
DMSWPK643E NO CLASS 'class' FILES IN YOUR READER
DMSWPK644E ALL READER FILES ARE IN HOLD STATUS OR NOT CLASS 'class'
DMSWPK649E EXTRANEIOUS PARAMETER 'value'
DMSWPK650E INVALID SPOOLID 'nnnn'
DMSWPK655E SPOOLID 'nnnn' DOES NOT EXIST
DMSWPK672E VIRTUAL READER INVALID OR NOT DEFINED
DMSWPK674E READER IS NOT READY
DMSWPK683E THE ENTIRE FILE MUST BE PEEKED AT TO BE REFORMATTED
DMSWPK684E FILE CONTAINS INVALID RECORDS AND CANNOT BE REFORMATTED
DMSWPK685E THE FILE IS TOO LARGE TO BE REFORMATTED
DMSWPK686E THE FILE HAS AN LRECL GREATER THAN 255 AND CANNOT BE REFORMATTED
DMSSTT062E INVALID CHARACTER 'character' IN FILEID 'fn ft fm'

PRELOAD
DMSPRE001E NO FILENAME SPECIFIED
DMSPRE002E FILE 'fn ft fm' NOT FOUND
DMSPRE109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSPRE183E INVALID CONTROL FILE CONTROL CARD
DMSPRE234E ERROR IN LOAD LIST FILE 'fn ft fm' [NO INPUT]

DMSPRE235E ERROR 'n' IN INPUT TEXT FILE 'fn ft [fm]'
DMSPRE236E UNRESOLVED EXTERNAL REFERENCE(S) ENCOUNTERED
DMSPRE237E DUPLICATE EXTERNAL SYMBOL(S) ENCOUNTERED
DMSPRE238E PRELOADER PROCESSING ERROR

PRINT

DMSPRTO02E FILE 'fn ft fm' NOT FOUND
DMSPRTO03E INVALID OPTION 'option'
DMSPRTO08E DEVICE 'vaddr' {INVALID OR NONEXISTENT|UNSUPPORTED DEVICE TYPE}
DMSPRTO13E MEMBER 'name' NOT FOUND IN LIBRARY
DMSPRTO29E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSPRTO33E FILE 'fn ft fm' IS NOT A LIBRARY
DMSPRTO39E NO ENTRIES IN LIBRARY 'fn ft fm'
DMSPRTO44E RECORD LENGTH EXCEEDS ALLOWABLE MAXIMUM
DMSPRTO48E INVALID MODE 'mode'
DMSPRTO54E INCOMPLETE FILEID SPECIFIED
DMSPRTO62E INVALID * IN FILEID
DMSPRTO69E DISK {'MODE'|'vaddr'|'valid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSPRTO70E INVALID PARAMETER 'parameter'
DMSPRTO104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSPRTO123S ERROR 'nn' PRINTING FILE 'fn ft fm'

PSERV

DMSPRV003E INVALID OPTION 'option'
DMSPRV004E PROCEDURE 'procedure' NOT FOUND
DMSPRV006E NO READ/WRITE 'A' DISK ACCESSED
DMSPRV037E DISK 'A' IS READ/ONLY. {'A' MUST BE R/W FOR 'DISK LOAD'}
DMSPRV070E INVALID PARAMETER 'parameter'
DMSPRV097E NO 'SYSRES' VOLUME ACTIVE
DMSPRV098E NO PROCEDURE NAME SPECIFIED
DMSPRV099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSPRV105S ERROR 'nn' WRITING FILE 'fn ft fm' TO DISK
DMSPRV113S DISK addr NOT ATTACHED
DMSPRV411S INPUT ERROR CODE 'nn' ON 'SYSRES'

PUNCH

DMSPUN002E FILE 'fn' NOT FOUND
DMSPUN003E INVALID OPTION 'option'
DMSPUN008E DEVICE 'vaddr' {INVALID OR NONEXISTENT|UNSUPPORTED DEVICE TYPE}
DMSPUN013E MEMBER 'name' NOT FOUND IN LIBRARY
DMSPUN033E FILE 'fn ft fm' IS NOT A LIBRARY
DMSPUN039E NO ENTRIES IN LIBRARY 'fn ft fm'
DMSPUN044E RECORD LENGTH EXCEEDS ALLOWABLE MAXIMUM
DMSPUN054E INCOMPLETE FILEID SPECIFIED
DMSPUN062E INVALID * IN FILEID
DMSPUN069E DISK {'mode'|'vaddr'|'valid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSPUN104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSPUN118S ERROR PUNCHING FILE 'fn ft fm'
DMSPUN125S ERROR 'nn' PUNCHING FILE 'fn ft fm'

QUERY

DMSQRS006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSQRS026E INVALID PARAMETER 'parameter' FOR 'function' FUNCTION
DMSQRS109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSQRS639E ERROR IN 'routine' ROUTINE. RETURN CODE WAS 'xx'
DMSQRT109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSQRT639E ERROR IN 'routine' ROUTINE. RETURN CODE WAS 'xx'
DMSQRU109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSQRU324I NO USER DEFINED {DLBL|FILEDEF|LABELDEF}'s IN EFFECT
DMSQRU639E ERROR IN 'routine' ROUTINE. RETURN CODE WAS 'xx'
DMSQRV026E INVALID PARAMETER 'parameter' FOR 'function' FUNCTION

DMSQRV109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSQRV639E ERROR IN 'routine' ROUTINE. RETURN CODE WAS 'xx'
DMSQRW109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSQRW639E ERROR IN 'routine' ROUTINE. RETURN CODE WAS 'xx'
DMSQRX099E CMS/DOS ENVIRONMENT {NOT} ACTIVE
DMSQRX109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSQRX639E ERROR IN 'routine' ROUTINE. RETURN CODE WAS 'xx'
DMSQRY003E INVALID OPTION 'option'
DMSQRY005E NO 'option' SPECIFIED
DMSQRY014E INVALID FUNCTION 'function'
DMSQRY026E INVALID PARAMETER 'parameter' FOR 'function' FUNCTION
DMSQRY047E NO FUNCTION SPECIFIED
DMSQRY065E 'option' OPTION SPECIFIED TWICE
DMSQRY066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSQRY070E INVALID PARAMETER 'parameter'
DMSQRY109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSQRY618E NUCEXT FAILED
DMSQRY621E BAD PLIST

RDR

DMSRDR070E INVALID PARAMETER 'parm'
DMSRDR630S ERROR ACCESSING SPOOL FILE

RDRLST

DMSWRL003E INVALID OPTION 'option'
DMSWRL205E NO FILES IN YOUR READER
DMSWRL637E MISSING VALUE FOR THE 'PROFILE' OPTION
DMSWRL649E EXTRANEIOUS PARAMETER 'parameter'
DMSWRL651E 'APPEND' MUST BE ISSUED FROM RDRLIST OR FILELIST
DMSSTT062E INVALID CHARACTER 'char' IN FILEID 'fn ft'

READCARD

DMSRDC008E DEVICE 'vaddr' {INVALID OR NONEXISTENT|UNSUPPORTED DEVICE TYPE}
DMSRDC037E DISK 'mode' IS READ ONLY
DMSRDC042E NO FILEID SPECIFIED
DMSRDC054E INCOMPLETE FILEID SPECIFIED
DMSRDC062E INVALID * IN FILEID
DMSRDC105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSRDC124S ERROR 'nn' READING CARD FILE
DMSRDC205W READER EMPTY OR NOT READY
DMSRDC701I NULL FILE
DMSRDC702I READ CONTROL CARD IS MISSING. FOLLOWING ASSUMED:
DMSRDC702I :READ {fn ft fm|READCARD CMSUT1 A1}
DMSRDC738I RECORD LENGTH IS 'nnn' BYTES

RECEIVE

DMSWRC003E INVALID OPTION 'option'
DMSWRC006E NO READ/WRITE DISK ACCESSED
DMSWRC024E FILE 'fn ft fm' ALREADY EXISTS, SPECIFY 'REPLACE' OPTION
DMSWRC037E DISK 'mode' NOT ACCESSED
DMSWRC062E INVALID CHARACTER '*' IN FILEID 'fn ft fm'
DMSWRC069E DISK 'mode' NOT ACCESSED
DMSWRC630S ERROR ACCESSING SPOOL FILE
DMSWRC637E MISSING VALUE FOR THE 'NOTEBOOK' OPTION
DMSWRC644E NO CLASS 'class' FILES IN YOUR READER
DMSWRC644E ALL READER FILES ARE IN HOLD STATUS OR NOT CLASS 'class'
DMSWRC649E EXTRANEIOUS PARAMETER 'value'
DMSWRC650E INVALID SPOOLID 'nnn'
DMSWRC655E SPOOLID 'nnnn' DOES NOT EXIST
DMSWRC671E ERROR RECEIVING FILE 'fn ft fm', RC = nn FROM 'command'
DMSWRC672E VIRTUAL READER INVALID OR NOT DEFINED
DMSWRC674E READER IS NOT READY

RELEASE

DMSARE017E INVALID DEVICE ADDRESS 'vaddr'
DMSARE028E NO DEVICE SPECIFIED
DMSARE048E INVALID MODE 'mode'
DMSARE069E DISK {'mode'|'vaddr'} NOT ACCESSED
DMSARE070E INVALID PARAMETER 'parameter'

RENAME

DMSRNM002E FILE[(S)]['fn [ft [fm]]'] NOT FOUND
DMSRNM003E INVALID OPTION 'option'
DMSRNM019E IDENTICAL FILEIDS
DMSRNM024E FILE 'fn ft fm' ALREADY EXISTS [SPECIFY 'REPLACE']
DMSRNM030E FILE 'fn ft fm' ALREADY ACTIVE
DMSRNM037E DISK 'mode' IS READ/ONLY. {'A' MUST BE R/W FOR 'DISK LOAD'}
DMSRNM048E INVALID MODE 'mode'
DMSRNM051E INVALID MODE CHANGE
DMSRNM054E INCOMPLETE FILEID ['fn[ft]'] SPECIFIED
DMSRNM062E INVALID * IN OUTPUT FILEID

RESERVE

DMSRSV037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
{ 'A' MUST BE R/W FOR 'DISK LOAD' }
DMSRSV042E NO FILEID [(S)] SPECIFIED
DMSRSV054E INCOMPLETE FILEID SPECIFIED
DMSRSV069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{ 'A' MUST BE R/W FOR 'DISK LOAD' }
DMSRSV070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSRSV109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSRSV260E DISK NOT PROPERLY FORMATTED FOR RESERVE
DMSRSV908E FILE SYSTEM ERROR DETECTED. VIRTUAL ADDRESS 'vaddr' REASON CODE 'nn'
DMSRSV909E PERM I/O ERROR ON 'vaddr'. CSW cccccccc SENSE ssssssss

RSERV

DMSRRV003E INVALID OPTION 'option'
DMSRRV004E MODULE 'module' NOT FOUND;
DMSRRV006E NO READ/WRITE 'A' DISK ACCESSED
DMSRRV070E INVALID PARAMETER 'parameter'
DMSRRV097E NO 'SYSRES' VOLUME ACTIVE
DMSRRV098E NO MODULE NAME SPECIFIED
DMSRRV099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSRRV105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSRRV113S DISK addr NOT ATTACHED
DMSRRV411S INPUT ERROR CODE 'nn' ON '{SYSRES|SYSRLB}'

RUN

DMSRUN001E NO FILENAME SPECIFIED
DMSRUN002E FILE ['fn [ft [fm]]'] NOT FOUND
DMSRUN048E INVALID MODE 'mode'
DMSRUN070E INVALID ARGUMENT 'argument'
DMSRUN999E NO [ft] MODULE FOUND

SAVENCP

DMSNCP001E NO FILENAME SPECIFIED
DMSNCP002E FILE 'fn ft' NOT FOUND
DMSNCP003E INVALID OPTION 'option'
DMSNCP013E MEMBER 'name' NOT FOUND IN LIBRARY 'fn ft fm'
DMSNCP021E ENTRY POINT 'symbol' NOT FOUND
DMSNCP025E INVALID DATA IN 370X CONTROL PROGRAM
DMSNCP045E UNSUPPORTED CONTROL PROGRAM TYPE
DMSNCP056E FILE 'fn ft fm' CONTAINS INVALID RECORD FORMATS
DMSNCP099W GENERATION PARAMETERS INCOMPATIBLE WITH VM/370
DMSNCP109S VIRTUAL STORAGE CAPACITY EXCEEDED

SENDFILE

DMSWSF002E FILE 'fn ft fm' NOT FOUND
 DMSWSF003E INVALID OPTION 'option'
 DMSWSF006E NO READ/WRITE DISK ACCESSED
 DMSWSF048E INVALID MODE 'mode'
 DMSWSF054E INCOMPLETE FILEID SPECIFIED
 DMSWSF062E INVALID CHARACTER '*' IN FILE ID 'fn ft fm'
 DMSWSF069E DISK 'mode' NOT ACCESSED
 DMSWSF081E INVALID REPLY - ANSWER "YES" or "NO"
 DMSWSF637E MISSING NODEID FOR THE AT OPERAND
 DMSWSF647E USERID NOT SPECIFIED FOR 'nickname' IN 'USERID NAMES' FILE
 DMSWSF648E USERID 'name' NOT FOUND. NO FILES HAVE BEEN SENT
 DMSWSF657E UNDEFINED PFKEY/PAKEY
 DMSWSF667E NOTE HEADER DOES NOT CONTAIN THE {KEYWORD 'FROM'|KEYWORD
 'TO:'|'OPTIONS' LINE}
 DMSWSF671E ERROR SENDING FILE 'fn ft fm', RC = nn FROM 'command'
 DMSWSF672E VIRTUAL PUNCH INVALID OR NOT DEFINED
 DMSWSF673E ADDRESSEES ARE IN THE NOTE HEADER CARDS, DO NOT SPECIFY
 NAMES WITH NOTE OPTION
 DMSWSF674E PUNCH IS NOT READY
 DMSWSF675E NO NAMES SPECIFIED
 DMSWSF676E INVALID CHARACTER '*' FOR NETWORK ID
 DMSWSF677E INVALID OPTION 'option' IN OPTION LINE
 DMSWSF678E INVALID NOTE HEADER FORMAT. NOTE CANNOT BE SENT
 DMSWSF679E {DISK 'mode' IS READ/ONLY|DISK 'mode' IS FULL}.
 NOTE CANNOT BE SENT
 DMSWSF680E INVALID FILEID SPECIFIED WITH 'FILELIST' OPTION
 DMSSTT048E INVALID MODE 'mode'
 DMSSTT062E INVALID CHARACTER 'character' IN FILEID 'fn ft'

SET

DMSLIO002I FILE 'fn' TXTLIB NOT FOUND
 DMSSET014E INVALID FUNCTION 'function'
 DMSSET026E INVALID PARAMETER 'parameter' FOR 'function' FUNCTION
 DMSSET031E LOADER TABLES CANNOT BE MODIFIED
 DMSSET047E NO FUNCTION SPECIFIED
 DMSSET048E INVALID MODE 'mode'
 DMSSET050E PARAMETER MISSING AFTER {DDNAME|SYSxxx|function}
 DMSSET061E NO TRANSLATION CHARACTER SPECIFIED
 DMSSET070E INVALID PARAMETER 'parameter'
 DMSSET098W CMS OS SIMULATION NOT AVAILABLE
 DMSSET099E CMS/DOS ENVIRONMENT NOT ACTIVE
 DMSSET100W SHARED {SSTAT|YSTAT} NOT AVAILABLE
 DMSSET142S SAVED SYSTEM NAME 'name' INVALID
 DMSSET333E nnnnnK PARTITION TOO LARGE FOR THIS VIRTUAL MACHINE
 DMSSET400S SYSTEM 'sysname' DOES NOT EXIST
 DMSSET401S VM SIZE (size) CANNOT EXCEED 'DMSDOS' START ADDRESS (address)
 DMSSET410S CONTROL PROGRAM ERROR INDICATION 'retcode'
 DMSSET444E VOLUME LABEL IS NOT A DOS SYSRES
 DMSXCT533E LINE nn IS NOT RESERVED

SETPRT

DMSSPR002E FILE 'fn ft' NOT FOUND
 DMSSPR014E INVALID FUNCTION 'function'
 DMSSPR026E INVALID VALUE 'value' FOR 'keyword' KEYWORD
 DMSSPR113S PRINTER '00E' NOT ATTACHED
 DMSSPR145S INTERVENTION REQUIRED ON PRINTER
 DMSSPR196I PRT cuu SETUP COMPLETE
 DMSSPR197S UNDIAGNOSED ERROR FROM PRINTER '00E'
 DMSSPR198E SETPRT CAUSED A LOAD CHECK - SNS=ssssssssss
 DMSSPR199E PRT '00E' NOT A VIRTUAL 3800
 DMSSPR204E TOO MANY WCGM'S NEEDED FOR 'CHARS'
 DMSSPR352E INVALID SETPRT DATA IN FILE 'fn ft'

SETKEY

DMSSSK070E INVALID PARAMETER 'parameter'
DMSSSK362E INVALID STORAGE PROTECT KEY 'key'
DMSSSK363E INVALID STARTING ADDRESS 'startadr'
DMSSSK364E VM STORAGE NOT LARGE ENOUGH TO CONTAIN SYSTEM LOADING AT startadr TO endadr
DMSSSK365E SYSTEM NAME NOT SPECIFIED
DMSSSK400S SYSTEM 'name' DOES NOT EXIST
DMSSSK410S CONTROL PROGRAM ERROR INDICATION 'nnn'

SORT

DMSSRT002E FILE ['fn [ft [fm]]'] NOT FOUND
DMSSRT009E COLUMN 'col' EXCEEDS RECORD LENGTH
DMSSRT019E IDENTICAL FILEIDS
DMSSRT034E FILE 'fn ft fm' IS NOT FIXED LENGTH
DMSSRT037E DISK 'mode' IS READ/ONLY. {'A' MUST BE R/W FOR 'DISK LOAD'}
DMSSRT053E INVALID SORT FIELD PAIR DEFINED
DMSSRT054E INCOMPLETE FILEID SPECIFIED
DMSSRT062E INVALID {=|*|CHAR.'char'} IN FILEID ['fn ft fm']
DMSSRT063E NO LIST ENTERED
DMSSRT070E INVALID PARAMETER 'parameter'
DMSSRT104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSSRT105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSSRT212E MAXIMUM NUMBER OF RECORDS EXCEEDED
DMSSRT604R ENTER SORT FIELDS:

SSERV

DMSSRV003E INVALID OPTION 'option'
DMSSRV004E BOOK 'subl.book' NOT FOUND
DMSSRV006E NO READ/WRITE 'A' DISK ACCESSED
DMSSRV070E INVALID PARAMETER 'parameter'
DMSSRV097E NO 'SYSRES' VOLUME ACTIVE
DMSSRV098E NO BOOK NAME SPECIFIED
DMSSRV099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSSRV105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSSRV113S DISK addr NOT ATTACHED
DMSSRV411S INPUT ERROR CODE 'nn' ON '{SYSRES|SYSSLB}'
DMSSRV194S BOOK 'subl.book' CONTAINS BAD RECORDS

START

DMSLIO021E ENTRY POINT 'name' NOT FOUND
DMSLIO055E NO ENTRY POINT DEFINED
DMSLIO740I EXECUTION BEGINS ...

STATE/STATEW

DMSSTT002E 'fn ft fm' NOT FOUND
DMSSTT048E INVALID MODE 'mode'
DMSSTT054E INCOMPLETE FILEID SPECIFIED
DMSSTT062E INVALID * IN FILEID 'fn ft'
DMSSTT069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSSTT070E INVALID PARAMETER 'parameter'
DMSSTT227I PROCESSING VOLUME 'no' IN DATA SET 'data set name'
DMSSTT228I USER LABELS BYPASSED ON DATA SET 'data set name'
DMSSTT229E UNSUPPORTED OS DATA SET, ERROR 'code'

SVCTRACE

DMSOVR014E INVALID FUNCTION 'function'
DMSOVR047E NO FUNCTION SPECIFIED
DMSOVR104S ERROR 'nn' READING FILE 'DMSOVR MODULE' ON DISK
DMSOVR109S VIRTUAL STORAGE CAPACITY EXCEEDED

SYNONYM

DMSSYN002E FILE 'fn ft fm' NOT FOUND
 DMSSYN003E INVALID OPTION 'option'
 DMSSYN007E FILE 'fn ft fm' NOT FIXED, 80 CHAR. RECORDS
 DMSSYN032E INVALID FILETYPE 'ft'
 DMSSYN056E FILE 'fn ft fm' CONTAINS INVALID RECORD FORMATS
 DMSSYN066E 'STD' and 'NOSTD' ARE CONFLICTING OPTIONS
 DMSSYN104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
 DMSSYN711I NO SYSTEM SYNONYMS IN EFFECT
 DMSSYN712I NO SYNONYMS (DMSINA NOT IN NUCLEUS)

TAPE

DMSTPE002E FILE[(S)]['fn [ft [fm]]'] NOT FOUND
 DMSTPE003E INVALID OPTION 'option'
 DMSTPE010E PREMATURE EOF ON FILE ['fn ft [fm]|NUMBER 'nn']
 DMSTPE014E INVALID FUNCTION 'function'
 DMSTPE017E INVALID DEVICE ADDRESS 'vaddr'
 DMSTPE023E NO FILETYPE SPECIFIED
 DMSTPE027E INVALID DEVICE 'device name'
 DMSTPE029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
 DMSTPE037E DISK 'mode' IS READ/ONLY. {'A' MUST BE R/W FOR 'DISK LOAD'}
 DMSTPE042E NO FILEID[(S)] SPECIFIED
 DMSTPE043E 'TAPn raddr' IS FILE PROTECTED
 DMSTPE047E NO FUNCTION SPECIFIED
 DMSTPE048E INVALID MODE 'mode'
 DMSTPE057E INVALID RECORD FORMAT
 DMSTPE058E END-OF-FILE OR END-OF-TAPE
 DMSTPE070E INVALID PARAMETER 'parameter'
 DMSTPE096E FILE 'fn ft' DATA BLOCK COUNT INCORRECT
 DMSTPE104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
 DMSTPE105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
 DMSTPE109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSTPE110S ERROR READING 'TAPn raddr'
 DMSTPE111S ERROR WRITING 'TAPn raddr'
 DMSTPE113S TAPn raddr NOT ATTACHED
 DMSTPE115S {CONVERSION|{7|9}-TRACK|{800|6250} BPI|TRANSLATION|DUAL DENSITY}
 FEATURE NOT SUPPORTED ON DEVICE 'cuu'
 DMSTPE431E 'TAPn raddr' VOL1 LABEL MISSING
 DMSTPE701I NULL FILE

TAPEMAC

DMSTMA001E NO FILENAME SPECIFIED
 DMSTMA003E INVALID OPTION 'option'
 DMSTMA057E INVALID RECORD FORMAT
 DMSTMA070E INVALID PARAMETER 'parameter'
 DMSTMA105S ERROR 'nn' WRITING FILE 'fn ft' ON DISK
 DMSTMA109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSTMA110S ERROR READING 'TAPn'
 DMSTMA137S ERROR nn ON 'STATE' FOR fn ft
 DMSTMA138S ERROR nn ERASING fn ft BEFORE LOADING TAPE
 DMSTMA139S TAPE FILE EXCEEDS 9 CMS MACLIBS
 DMSTMA420E NSL EXIT FILENAME MISSING OR INVALID

TAPPDS

DMSTPD003E INVALID OPTION 'option'
 DMSTPD058E END-OF-FILE OR END-OF-TAPE
 DMSTPD105S ERROR 'nn' WRITING FILE 'fn ft fm'
 DMSTPD109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSTPD110S ERROR READING 'TAPn'
 DMSTPD420E NSL EXIT FILENAME MISSING OR INVALID
 DMSTPD703I FILE 'fn ft [fm]' COPIED
 DMSTPD707I TEN FILES COPIED

TELL

DMSWTL499E USER NOT AUTHORIZED TO ISSUE 'command' COMMAND
 DMSWTL637E MISSING NODEID FOR THE AT OPERAND
 DMSWTL647E USERID NOT SPECIFIED FOR 'nickname' IN 'USERID NAMES' FILE
 DMSWTL648E USERID 'name' NOT FOUND. NO MESSAGE HAS BEEN SENT
 DMSWTL676E INVALID CHARACTER '*' FOR NETWORK ID

TXTLIB

DMSLBT001E NO FILENAME SPECIFIED
 DMSLBT002E FILE[(S)] ['fn [ft [fm]]'] NOT FOUND
 DMSLBT002W FILE[(S)]['fn [ft [fm]]'] NOT FOUND
 DMSLBT003E INVALID OPTION 'option'
 DMSLBT013E MEMBER 'name' NOT FOUND IN LIBRARY 'fn ft fm'
 DMSLBT014E INVALID FUNCTION 'function'
 DMSLBT037E DISK 'mode' IS READ/ONLY
 DMSLBT046E NO LIBRARY NAME SPECIFIED
 DMSLBT047E NO FUNCTION SPECIFIED
 DMSLBT056E FILE 'fn ft fm' CONTAINS INVALID [NAME|ALIAS|ENTRY|ESD] RECORD FORMATS
 DMSLBT056W FILE 'fn ft fm' CONTAINS [NAME|ALIAS|ENTRY|ESD] INVALID RECORD FORMATS
 DMSLBT069E DISK 'mode' NOT ACCESSED
 DMSLBT104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
 DMSLBT105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
 DMSLBT106S NUMBER OF MEMBER NAMES EXCEEDS MAX 'nnnn'. FILE 'fn ft fm' NOT ADDED
 DMSLBT213W LIBRARY 'fn ft fm' NOT CREATED

TYPE

DMSTYP002E FILE 'fn ft fm' NOT FOUND
 DMSTYP003E INVALID OPTION 'option'
 DMSTYP005E NO 'option' SPECIFIED
 DMSTYP009E COLUMN 'col' EXCEEDS RECORD LENGTH
 DMSTYP013E MEMBER 'name' NOT FOUND IN LIBRARY
 DMSTYP029E INVALID PARAMETER 'parameter' [IN THE OPTION 'option' FIELD]
 DMSTYP033E FILE 'fn ft fm' IS NOT A LIBRARY
 DMSTYP039E NO ENTRIES IN LIBRARY 'fn ft fm'
 DMSTYP049E INVALID LINE NUMBER 'line number'
 DMSTYP054E INCOMPLETE FILEID SPECIFIED
 DMSTYP062E INVALID * IN FILEID
 DMSTYP069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
 {'A' MUST BE R/W FOR 'DISK LOAD'}
 DMSTYP104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK

UPDATE

DMSUPD001E NO FILENAME SPECIFIED
 DMSUPD002E FILE 'fn ft fm' NOT FOUND
 DMSUPD003E INVALID OPTION 'option'
 DMSUPD007E FILE 'fn ft fm' IS NOT FIXED, 80 CHAR. RECORDS
 DMSUPD010W PREMATURE EOF ON FILE 'fn ft fm'
 DMSUPD024E FILE 'UPDATE CMSUT1 fm' ALREADY EXISTS
 DMSUPD037E DISK 'A' IS READ/ONLY. {'A' MUST BE R/W FOR 'DISK LOAD'}
 DMSUPD048E INVALID MODE 'mode'
 DMSUPD065E 'option' OPTION SPECIFIED TWICE
 DMSUPD066E 'option' AND 'option' ARE CONFLICTING OPTIONS
 DMSUPD069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
 {'A' MUST BE R/W FOR 'DISK LOAD'}
 DMSUPD070E INVALID PARAMETER 'parameter'
 DMSUPD104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
 DMSUPD105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
 DMSUPD174W SEQUENCE ERROR INTRODUCED IN OUTPUT FILE: '.....' TO '.....'
 DMSUPD176W SEQUENCING OVERFLOW FOLLOWING SEQ NUMBER '.....'
 DMSUPD177I WARNING MESSAGES ISSUED (SEVERITY = nn). ['REP' OPTION IGNORED]
 DMSUPD178I UPDATING ['fn ft fm'] WITH 'fn ft fm'
 DMSUPD179E MISSING OR DUPLICATE 'MACS' CARD IN CONTROL FILE 'fn ft fm'
 DMSUPD180W MISSING PTF FILE 'fn ft fm'

DMSUPD181E NO UPDATE FILES WERE FOUND
 DMSUPD182W SEQUENCE INCREMENT IS ZERO
 DMSUPD183E INVALID {CONTROL|AUX} FILE CONTROL CARD
 DMSUPD184W './ S' NOT FIRST CARD IN UPDATE FILE--IGNORED
 DMSUPD185W INVALID CHAR IN SEQUENCE FIELD '.....'
 DMSUPD186W SEQUENCE NUMBER '.....' NOT FOUND
 DMSUPD187E OPTION 'STK' INVALID WITHOUT 'CTL'
 DMSUPD207W INVALID UPDATE FILE CONTROL CARD
 DMSUPD210W INPUT FILE SEQUENCE ERROR '.....' TO '.....'
 DMSUPD299E INSUFFICIENT STORAGE TO COMPLETE UPDATE
 DMSUPD300E INSUFFICIENT STORAGE TO BEGIN UPDATE
 DMSUPD304I UPDATE PROCESSING WILL BE DONE USING DISK

VARY

DMKCP0049E type raddr IN USE
 DMKCP0124E DASD raddr IN USE
 DMKCP0140E type raddr ATTACHED TO userid
 DMKCP0142E type raddr NOT DRAINED
 DMKCP0143E type raddr IN USE BY SYSTEM
 DMKCP0198W LAST PATH TO DEVICE raddr ON PROCESSORnn
 DMKCPT011E INVALID DEVICE TYPE - raddr
 DMKCPT021E RADDR MISSING OR INVALID raddr
 DMKCPT040E DEV raddr DOES NOT EXIST
 DMKCPT046E type raddr OFFLINE
 DMKCPT049E type raddr IN USE
 DMKCPT123E DASD raddr CP OWNED
 DMKCPT124E DASD raddr IN USE BY nnn USERS
 DMKCPT136E DEV {vaddr|raddr} NO {DEFINED|VARIED}; CHAN xx DEDICATED
 DMKCPT140E type raddr ATTACHED TO userid
 DMKCPT142E type raddr NOT DRAINED
 DMKCPT143E type raddr IN USE BY SYSTEM
 DMKCPT154E DEV raddr VARY FAILED, VARY IN PROCESS
 DMKCPZ040E DEV raddr DOES NOT EXIST
 DMKCPZ149E VARY FAILED, DEVICE raddr BUSY OR RESERVED
 DMKCPZ328E raddr 1 raddr 2 raddr 3 raddr 4 IMPROPERLY GENNED; VARIED OFFLINE

XEDIT

DMSALT520E INVALID OPERAND : operand
 DMSALT545E MISSING OPERAND (S)
 DMSCAN520E INVALID OPERAND : operand
 DMSJOI503E {TRUNCATED|SPILLED}
 DMSJOI561E CURSOR IS NOT ON A VALID DATA FIELD
 DMSJOI562E OPTION 'CURSOR' VALID IN DISPLAY MODE ONLY
 DMSJOI564W EOF REACHED
 DMSJOI575E INVALID JOIN COLUMNS DEFINED
 DMSJOI585E NO LINE(S) CHANGED
 DMSJOI685E JOINED LINE(S) EXCEED ZONE SETTING
 DMSMOD520E INVALID OPERAND : operand
 DMSMOD529E SUBCOMMAND IS ONLY VALID IN DISPLAY MODE
 DMSMOD545E MISSING OPERAND(S)
 DMSPOW117S ERROR WRITING TO DISPLAY TERMINAL
 DMSPOW529E SUBCOMMAND IS ONLY VALID IN DISPLAY MODE
 DMSPQU520E INVALID OPERAND : operand
 DMSPQU553I EDITING FILE: fn ft fm
 DMSPQU577E FILE HAS BEEN CHANGED. USE QQUIT TO QUIT ANYWAY
 DMSPSH646E 'macro' MACRO MUST BE INVOKED FROM THE PREFIX AREA
 DMSPSH659E INVALID PREFIX SUBCOMMAND: nnnn
 DMSPSH661E PREFIX 'name' IS INVALID FOR THE LINE ON WHICH IT WAS ENTERED
 DMSPSH686E SYNONYM 'name' NOT RECOGNIZED BY PREFIX MACRO 'macroname'
 DMSPSW646E 'macro' MACRO MUST BE INVOKED FROM THE PREFIX AREA
 DMSPSW659E INVALID PREFIX SUBCOMMAND: nnnn
 DMSPSW661E PREFIX 'name' IS INVALID FOR THE LINE ON WHICH IT WAS ENTERED
 DMSPXX646E 'macro' MACRO MUST BE INVOKED FROM THE PREFIX AREA
 DMSPXX659E INVALID PREFIX SUBCOMMAND: nnnn

DMSPXX661E PREFIX 'name' IS INVALID FOR THE LINE ON WHICH IT WAS ENTERED
 DMSPXX686E SYNONYM 'name' NOT RECOGNIZED BY PREFIX MACRO 'macroname'
 DMSSCH520E INVALID OPERAND : operand
 DMSSCH525E INVALID {PFKEY/PAKEY} NUMBER
 DMSSCH529E SUBCOMMAND IS ONLY VALID IN DISPLAY MODE
 DMSSCH545E MISSING OPERAND(S)
 DMSSCH551I STRING 'string' FOUND. [--- PFnn SET FOR SELECTIVE CHANGE.]
 DMSSCH561E CURSOR IS NOT ON A VALID DATA FIELD
 DMSSCH569E NO 'CHANGE' OR 'CLOCATE' SUBCOMMAND SPECIFIED
 DMSSCH574E CHANGE NOT VALID AFTER CURSOR MOVEMENT
 DMSSCH574E CHANGE NOT VALID WITH CLOCATE
 DMSSCH586E NOT FOUND {ON SCREEN}
 DMSSOR520E INVALID OPERAND : operand
 DMSSPL561E CURSOR IS NOT ON A VALID DATA FIELD
 DMSSPL562E OPTION 'CURSOR' VALID IN DISPLAY MODE ONLY
 DMSSPL575E INVALID SPLIT COLUMNS DEFINED
 DMSSPL585E NO LINE(S) CHANGED
 DMSSPL586E NOT FOUND
 DMSSTA024E FILE 'fn XEDIT A' ALREADY EXISTS
 DMSSTA520E INVALID OPERAND : operand
 DMSSTA703I FILE 'fn XEDIT A1' CREATED
 DMSXBG109S VIRTUAL STORAGE STORAGE EXCEEDED
 DMSXCG501I nn LINES DELETED
 DMSXCG502W {NO|nn} LINE(S) RECOVERED
 DMSXCG503E {TRUNCATED|SPILLED}
 DMSXCG504E nn LINE(S) {TRUNCATED|SPILLED}
 DMSXCG505E NOT EXECUTED: THE TARGET LINE (nn) IS WITHIN THE LINES TO MOVE
 DMSXCG506I n LINES {MOVED|COPIED|MERGED}
 DMSXCG509E 'subcommand' SUBCOMMAND NOT VALID FROM A PREFIX MACRO
 DMSXCG509W USE GET AND/OR PUT(D) TO MOVE LINES IN UPDATE MODE
 DMSXCG511E STRING2 CONTAINS MORE ARBITRARY CHARACTERS THAN STRING1
 DMSXCG517I nn OCCURRENCE(S) CHANGED ON nn LINE(S)
 DMSXCG518E nn OCCURRENCE(S) CHANGED ON nn LINE(S); nn LINE(S) {TRUNCATED|SPILLED}
 DMSXCG520E INVALID OPERAND : operand
 DMSXCG522I nn OCCURRENCES
 DMSXCG593E nn LINE(S) MERGED, nn LINE(S) {TRUNCATED|SPILLED}
 DMSXCM512I INVALID SUBSET COMMAND
 DMSXCM513I UNKNOWN CP/CMS COMMAND
 DMSXCM514E RETURN CODE 'nn' FROM 'command'
 DMSXCT002E FILE 'fn ft fm' NOT FOUND
 DMSXCT037E DISK 'mode' IS READ ONLY
 DMSXCT104S ERROR 'nn' READING FILE 'fn ft fm' FROM XEDIT
 DMSXCT105S ERROR 'nn' WRITING FILE 'fn ft fm' ON XEDIT
 DMSXCT520E INVALID OPERAND : operand
 DMSXCT521E INVALID LINE NUMBER
 DMSXCT523I TYPEWRITER MODE
 DMSXCT526E OPTION 'option' VALID IN DISPLAY MODE ONLY
 DMSXCT527E INVALID COLUMN NUMBER
 DMSXCT529E SUBCOMMAND IS ONLY VALID IN DISPLAY MODE
 DMSXCT531E DISK IS FULL. SET NEW FILEMODE OR CLEAR SOME DISK SPACE
 DMSXCT532E DISK IS FULL. AUTOSAVE FAILED
 DMSXCT534E TOO MANY LOGICAL SCREENS DEFINED
 DMSXCT535E INVALID PARMS FOR RENUM
 DMSXCT536E LOGICAL SCREENS EXCEED PHYSICAL SCREEN SIZE
 DMSXCT537E EACH LOGICAL SCREEN MUST CONTAIN AT LEAST 5 LINES AND 20 COLUMNS
 DMSXCT539E NAMED LINE NOT FOUND
 DMSXCT540E NAME ALREADY DEFINED ON LINE 'nn'
 DMSXCT541E INVALID NAME
 DMSXCT545E MISSING OPERAND(S)
 DMSXCT554S NO STORAGE AVAILABLE
 DMSXCT566E LOGICAL SCREEN (s11,sw1,sh1,sv1) IS OUTSIDE THE PHYSICAL SCREEN
 DMSXCT567E LOGICAL SCREEN (s11,sw1,sh1,sv1) AND (s12,sw2,sh2,sv2) OVERLAP EACH OTHER
 DMSXCT578W 'macro' MACRO IS NOT CURRENTLY IN STORAGE

DMSXCT594E FILE 'fn ft fm' ALREADY EXISTS. USE FFILE/SSAVE
DMSXCT697E THE LOGICAL SCREENS MUST COVER THE FULL PHYSICAL SCREEN WIDTH
DMSXDC512E INVALID SUBSET COMMAND
DMSXDC520E INVALID OPERAND : operand
DMSXDC542E NO SUCH SUBCOMMAND : name
DMSXDC543E INVALID NUMBER : xxxxxxxx
DMSXDC544E INVALID HEX DATA : xxxxxxxx
DMSXDC545E MISSING OPERAND(S)
DMSXDC546E TARGET-LINE NOT FOUND
DMSXDC547E SYNONYM DEFINITION INCOMPLETE
DMSXDC548E INVALID SYNONYM OPERAND : operand
DMSXDC549E SYNONYM ABBREVIATION TOO LARGE
DMSXDC550E TOO MANY OPERANDS IN SYNONYM DEFINITION
DMSXDC554S NO STORAGE AVAILABLE
DMSXDS589E MISSING FILEDEF FOR DDNAME SYSIN
DMSXDS590E DATA SET TOO LARGE
DMSXDS591E OPEN ERROR ON SYSIN
DMSXED553I EDITING FILE: fn ft fm
DMSXED554S NO STORAGE AVAILABLE
DMSXED555E FILE 'fn ft fm' ALREADY IN STORAGE
DMSXER556S UNDEFINED MESSAGE (CMSXER CALLED AT hex loc)
DMSXFC557S NO MORE STORAGE TO INSERT LINES
DMSXFD554S NO STORAGE AVAILABLE
DMSXFD559W WARNING FILE IS EMPTY
DMSXFD560E NOT ENOUGH SPACE FOR SERIALIZATION BETWEEN TRUNC AND LRECL
DMSXFD592W WRAPPED ...
DMSXFD698E TARGET STRING TOO LONG, UNABLE TO PARSE THE ENTIRE TARGET STRING
DMSXFD700E LOGICAL AND OPERATOR '&' NOT VALID FOR COLUMN TARGETS
DMSXGT002E FILE 'fn ft fm' not found
DMSXGT104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSXGT156E 'RECORD nn' NOT FOUND - FILE 'fn ft fm' HAS ONLY 'nn' RECORDS
DMSXGT521E INVALID LINE NUMBER
DMSXGT562E NO LINE(S) SAVED BY PUT(D) SUBCOMMAND
DMSXGT563W RECORDS {TRUNCATED|SPILLED}
DMSXGT564W EOF REACHED
DMSXGT565W EOF REACHED; RECORDS {TRUNCATED|SPILLED}
DMSXIN002E FILE 'fn ft fm' NOT FOUND
DMSXIN003E INVALID OPTION 'option'
DMSXIN024E FILE 'XEDTEMP CMSUT1 A1' ALREADY EXISTS
DMSXIN029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSXIN054E INCOMPLETE FILEID SPECIFIED
DMSXIN065E 'option' OPTION SPECIFIED TWICE
DMSXIN066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSXIN070E INVALID PARAMETER 'parameter'
DMSXIN104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSXIN132S FILE 'fn ft fm' TOO LARGE
DMSXIN500E UNABLE TO UNPACK FILE 'fn ft fm'
DMSXIN554S NO STORAGE AVAILABLE
DMSXIN571I CREATING NEW FILE
DMSXIO572E TERMINAL ERROR FORCED CASE UPPERCASE
DMSXMA104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSXMC009E COLUMN 'nn' EXCEEDS RECORD LENGTH (nn).RC=5
DMSXMC545E MISSING OPERAND(S)
DMSXMC575E INVALID VERIFY COLUMNS DEFINED
DMSXMC576E {TOTAL VERIFY WIDTH EXCEEDS SCREEN SIZE (nn)|TOTAL OFFSET EXCEEDS
LRECL(nn)}
DMSXMD503E TRUNCATED
DMSXMD510I AUTOSAVED AS 'fn ft fm'
DMSXMD529E SUBCOMMAND IS ONLY VALID IN DISPLAY MODE
DMSXML592W WRAPPED ...
DMSXMD573I INPUT MODE:
DMSXMD587I XEDIT:
DMSXML529E SUBCOMMAND IS ONLY VALID IN DISPLAY MODE
DMSXML529W WRAPPED ...

DMSXMS009E COLUMN 'nn' EXCEEDS RECORD LENGTH (nn).RC=5
DMSXMS053E INVALID SORT FIELD PAIR DEFINED
DMSXMS063E NO SORT LIST GIVEN
DMSXMS554S NO STORAGE AVAILABLE
DMSXMS596S THIS MODULE MUST BE CALLED WITHIN THE EDITOR
DMSXPO596S THIS MODULE MUST BE CALLED WITHIN THE EDITOR
DMSXPO614E SCREEN MODIFICATIONS LOST? 'SET FULLREAD ON' TO USE PAKEYS SAFELY
DMSXPT037E DISK 'mode' IS READ ONLY
DMSXPT105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSXPT554S NO STORAGE AVAILABLE
DMSXPT571I CREATING NEW FILE
DMSXPT579E RECORDS TRUNCATED TO nn WHEN ADDED TO 'fn ft fm'
DMSXPX659E INVALID PREFIX SUBCOMMAND: nnnn
DMSXPX661E PREFIX 'name' IS INVALID FOR THE LINE ON WHICH IT WAS ENTERED
DMSXSC117S ERROR WRITING TO DISPLAY TERMINAL
DMSXSC510I AUTOSAVED AS 'fn ft fm'
DMSXSC614E SCREEN MODIFICATIONS LOST? 'SET FULLREAD ON' TO USE PAKEYS SAFELY
DMSXSE009E COLUMN 'nn' EXCEEDS RECORD LENGTH (nn). RC=5
DMSXSE037E DISK 'mode' IS READ ONLY
DMSXSE048E INVALID MODE 'mode'
DMSXSE515E RECFM MUST BE F|V|FP|VP
DMSXSE519E LRECL MUST BE LOWER THAN WIDTH (nn)
DMSXSE520E INVALID OPERAND : operand
DMSXSE521E INVALID LINE NUMBER
DMSXSE524W NONDISP CHARACTER RESET TO ' '
DMSXSE525E INVALID PFKEY/PAKEY NUMBER
DMSXSE526E OPTION 'option' VALID IN DISPLAY MODE ONLY
DMSXSE528E INVALID RANGE : TARGET2 (LINE nn) PRECEDES TARGET1 (LINE nn)
DMSXSE530I nn FILE(S) IN STORAGE
DMSXSE538E NO NAME DEFINED
DMSXSE545E MISSING OPERAND(S)
DMSXSE548E INVALID SYNONYM OPERAND : operand
DMSXSE552E NO SYNONYM CURRENTLY DEFINED
DMSXSE554S NO STORAGE AVAILABLE
DMSXSE558W WRONG FILE FORMAT FOR SERIALIZATION
DMSXSE560E NOT ENOUGH SPACE FOR SERIALIZATION BETWEEN TRUNC AND LRECL
DMSXSE568E SUBCOMMAND NOT VALID WITH THIS SCREEN DEFINITION
DMSXSE575E INVALID TABS COLUMNS DEFINED
DMSXSE575E INVALID ZONE COLUMNS DEFINED
DMSXSE581E /SOS FACILITY NOT AVAILABLE
DMSXSE575E INVALID TABS COLUMNS DEFINED
DMSXSE575E INVALID ZONE COLUMNS DEFINED
DMSXSE600E FIRST SELECTION LEVEL (nn) CANNOT BE GREATER THAN SECOND SELECTION LEVEL (nn)
DMSXSF695E CANNOT DEFINE MORE THAN 64 CTLCHARS
DMSXSS561E CURSOR IS NOT ON A VALID DATA FIELD
DMSXSU048E INVALID MODE 'mode'
DMSXSU062E INVALID CHARACTER IN FILEID 'fn ft fm'
DMSXSU069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSXSU137S ERROR 'nn' ON STATE FOR 'fn ft fm'
DMSXSU229E UNSUPPORTED OS DATA SET
DMSXSU510I AUTOSAVED AS 'fn ft fm'
DMSXSU559W WARNING: FILE IS EMPTY
DMSXSU582S EDITOR ABEND
DMSXSU583I EOF:
DMSXSU584I TOF:
DMSXSU585E NO LINES(S) CHANGED.
DMSXSU586E NOT FOUND
DMSXSU587I XEDIT:
DMSXSU588E PREFIX SUBCOMMAND WAITING...
DMSXUP002E FILE 'fn ft fm' NOT FOUND
DMSXUP007E FILE 'fn ft fm' IS NOT FIXED, 80 CHAR RECORDS

DMSXUP174W SEQUENCE ERROR INTRODUCED IN OUTPUT FILE: '.....' TO '.....'
 DMSXUP178I UPDATING WITH 'fn ft fm'
 DMSXUP179E MISSING OR DUPLICATE 'MACS' CARD IN CONTROL FILE 'fn ft fm'
 DMSXUP180W MISSING PTF FILE 'fn ft fm'
 DMSXUP183E INVALID AUX FILE CONTROL CARD
 DMSXUP184W './S' NOT FIRST CARD IN UPDATE FILE -- IGNORED
 DMSXUP185W NON NUMERIC CHARACTER IN SEQUENCE FIELD '.....'
 DMSXUP186W SEQUENCE NUMBER NOT FOUND:
 DMSXUP207W INVALID UPDATE FILE CONTROL CARD
 DMSXUP210W INPUT FILE SEQUENCE ERROR '.....' TO '.....'
 DMSXUP570W UPDATE 'updtname' SPECIFIED IN THE 'UNTIL' OPTION FIELD NOT FOUND
 DMSXUP597E UNABLE TO MERGE UPDATES CONTAINING '.S' CARDS
 DMSXUP598S UNABLE TO BUILD UPDATE FILE : INTERNAL LIST DESTROYED
 DMSXUP599S UNABLE TO BUILD UPDATE FILE : SERIALIZATION DESTROYED

ZAP

DMSZAP001E NO FILENAME SPECIFIED
 DMSZAP002E FILE 'fn ft' NOT FOUND
 DMSZAP002W FILE 'fn ft' NOT FOUND
 DMSZAP003E INVALID OPTION 'option'
 DMSZAP007E FILE 'fn ft' IS NOT FIXED, 80 CHAR. RECORDS
 DMSZAP014E INVALID FUNCTION 'function'
 DMSZAP047E NO FUNCTION SPECIFIED
 DMSZAP056E FILE 'fn ft' CONTAINS INVALID RECORD FORMATS
 DMSZAP070E INVALID PARAMETER 'parameter'
 DMSZAP104S ERROR 'nn' READING FILE 'fn ft' FROM DISK
 DMSZAP190W INVALID CONTROL RECORD OR NO GO SWITCH SET
 DMSZAP191W PATCH OVERLAPS-SET NO GO SWITCH
 DMSZAP192W ERROR-ODD NUMBER OF DIGITS-SET NO GO SWITCH
 DMSZAP193W PRECEDING CONTROL RECORD FLUSHED
 DMSZAP194W CSECT NOT FOUND IN {MEMBER 'membername'|MODULE 'modulename'} -
 SET NO GO SWITCH
 DMSZAP195W BASE VALUE INVALID-SET NO GO SWITCH
 DMSZAP200W VERIFY REJECT-SET NO GO SWITCH
 DMSZAP208E FILE 'fn ft' IS NOT VARIABLE RECORD FORMAT
 DMSZAP210E FILE 'fn ft' IS ON A READ/ONLY DISK
 DMSZAP245S ERROR 'nnn' ON PRINTER
 DMSZAP246W NO LOADER TABLE PRESENT FOR MODULE 'fn ft'-SET NO GO SWITCH
 DMSZAP247W MEMBER 'name' NOT FOUND--SET NO GO SWITCH
 DMSZAP248W INVALID VER/REP DISP--SET NO GO SWITCH
 DMSZAP249I DUMMY LOG ENTRY IN FILE 'fn ft fm'
 DMSZAP750I ZAP PROCESSING COMPLETE
 DMSZAP751I MEMBER FOUND IN LIBRARY 'fn'

CMS INITIALIZATION ROUTINE

DMSINS100W {SSTAT|YSTAT} NOT AVAILABLE

CMS/DOS CLOSE ROUTINE

DMSCLS043E TAPn IS FILE PROTECTED
 DMSCLS058E END-OF-FILE OR END-OF-TAPE ON 'TAPn'
 DMSCLS088E UNSUPPORTED DTF TYPE 'dtftype'
 DMSCLS089E CLOSE ERROR CODE 'nn' ON '{fn|SYSxxx|TAPn}'
 DMSCLS113S 'TAPn raddr' NOT ATTACHED
 DMSCLS140S SEOV/FEOV MACRO NOT SUPPORTED
 DMKCLS429I 'TAPn raddr' EOT ON OUTPUT

CMS/DOS GENERATION PROCEDURE

DMSGEN006E NO READ/WRITE A-DISK ACCESSED
 DMSGEN095E INVALID ADDRESS 'address'
 DMSGEN110E CORRECT FORM IS: DOSGEN LOCATION {SEGNAME}
 DMSGEN111E DOSGEN FAILED DUE TO LOAD ERRORS
 DMSGEN141S DOSGEN FAILED DUE TO SAVESYS ERRORS
 DMSGEN715I DOSGEN COMPLETE

CMS/DOS OPEN ROUTINE

DMSBOP037E DISK 'mode' IS READ/ONLY. {'A' MUST BE R/W FOR 'DISK LOAD'}
DMSBOP043E TAPn IS FILE PROTECTED
DMSBOP058E END-OF-FILE OR END-OF-TAPE ON 'TAPn'
DMSBOP069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSBOP086W DLBL 'ddname' DUMMY INVALID FOR VSAM
DMSBOP088E UNSUPPORTED DTF TYPE 'dtftype'
DMSBOP089E OPEN ERROR CODE 'nn' ON {fn|SYSxxx|TAPn}
DMSBOP113S {TAPn|mode raddr} NOT ATTACHED
DMSBOP302E NO SYSxxx OPERAND SPECIFIED
DMSBOP308E 'mode' DISK IN CMS FORMAT; INVALID FOR NON-CMS DATASET
DMSBOP400S SYSTEM 'sysname' DOES NOT EXIST
DMSBOP401S VM SIZE (size) CANNOT EXCEED 'DMSDOS' START ADDRESS (address)
DMSBOP410S CONTROL PROGRAM ERROR INDICATION 'retcode'
DMSBOP413S STORAGE NOT INITIALIZED FOR VSAM PROCESSING

CMS/DOS OPEN LIBRARY ROUTINE

DMSOPL089E OPEN ERROR CODE 'nn' ON SYSxxx
DMSOPL158E NO CMS/DOS PROCEDURE LIBRARY SUPPORT

CMS/DOS SVC HANDLER ROUTINE

DMSDOS091E SAVEAREA ADDRESS IN PARTITION PIB NOT EQUIVALENT TO LTA SAVEAREA ADDRESS
DMSDOS095E INVALID ADDRESS 'address'
DSMDOS121S UNSUPPORTED SVC no. (HEX no.) CALLED FROM caller
DMSDOS160S JOB CANCELED DUE TO PROGRAM REQUEST
DMSGMF121S UNSUPPORTED SVC no. (HEX no.) CALLED FROM caller
DMSGVE069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSLDF004E {BOOK 'sub1.book'|MODULE 'module'|PHASE 'phase'|
PROCEDURE 'procedure'} NOT FOUND
DMSLDF140S {'function'|FEOVD|SEOV|FEOV} {MACRO|FUNCTION(S)}
DMSLDF161S UNEXPECTED ERROR CODE 'nn' ON 'SYSxxx'
DMSLDF401S VM SIZE (size) CANNOT EXCEED 'DMSDOS' START ADDRESS (address)
DMSLDF413S STORAGE NOT INITIALIZED FOR VSAM PROCESSING
DMSLIC096S UNSUPPORTED FUNCTION IN A LIOCS ROUTINE
DMSMCM093E MVMCOM MACRO ATTEMPTING TO ALTER OTHER THAN POSITION 12-23 OF COMREG
DMSMCM094E FROM ADDRESS ON MVMCOM MACRO INVALID
DMSSTX092E STXIT SAVEAREA ADDRESS INVALID
DMSSTX326E ILLEGAL SVC svc (HEX xx) CALLED FROM addr
DMSSUB119S UNSUPPORTED FORM OF {'macro'|'parm'} {MACRO|SVC}

DUMP/JDUMP/PDUMP ROUTINE

DMSDMP020W INVALID PDUMP ADDRESS 'address' - NO DUMP OPERATION PERFORMED

EXCP ROUTINE

DMSXCP037E OUTPUT DISK mode vaddr IS READ/ONLY. {'A' MUST BE R/W FOR "DISK LOAD"}
DMSXCP043E TAPE raddr IS FILE PROTECTED
DMSXCP104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSXCP105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSXCP113S 'device addr' NOT ATTACHED
DMSXCP411S {INPUT|OUTPUT} ERROR CODE 'nn' ON 'SYSxxx'
DMSXCP161S UNEXPECTED ERROR CODE 'nn' ON 'SYSxxx'

OS OPEN AND CLOSE ROUTINE

DMSSOP036W UPDATE REQUESTED FOR READ-ONLY DISK
DMSSOP036E OPEN ERROR CODE 'nn' ON 'ddname'
DMSSOP109S VIRTUAL STORAGE CAPACITY EXCEEDED

OS I/O ROUTINES

DMSSEB429I 'TAPn (cuu)' EOT ON OUTPUT

TAPE LABEL PROCESSING ROUTINES

DMSTLB027E INVALID DEVICE 'device name'
 DMSTLB043E 'TAPn raddr' IS FILE PROTECTED
 DMSTLB058E END-OF-FILE or END-OF-TAPE [ON TAPn]
 DMSTLB110S ERROR READING 'TAPn [raddr]'
 DMSTLB111S ERROR WRITING 'TAPn raddr'
 DMSTLB113S 'TAPn raddr' NOT ATTACHED
 DMSTLB421E 'TAPn raddr' HDR1 LABEL MISSING FOR 'filename'
 DMSTLB422E 'TAPn raddr' POSITIONED WRONG FOR 'filename'
 DMSTLB423I 'TAPn raddr' POSITION PARAMETER IGNORED. OUTPUT FILE
 WILL BE WRITTEN IMMEDIATELY AFTER NEW VOL1 LABEL
 DMSTLB424E 'TAPn raddr' NOT POSITIONED AT EOF1 LABEL
 DMSTLB425R 'TAPn raddr' BLOCK COUNT ERROR FOR 'filename'
 ENTER 'IGNORE' OR 'CANCEL'
 DMSTLB426R 'TAPn raddr' UNEXPIRED FILE ENTER 'IGNORE' OR 'ERROR'
 DMSTLB427I 'TAPn raddr' EOF1 LABEL READ
 DMSTLB428I 'TAPn raddr' EOF1 LABEL WRITTEN
 DMSTLB430E 'TAPn raddr' LABELDEF INFORMATION MISSING FOR 'filename'
 DMSTLB431E 'TAPn raddr' VOL1 LABEL MISSING
 DMSTLB432E 'TAPn raddr' VOLID valid DOES NOT MATCH LABELDEF VOLID FOR 'filename'
 DMSTLB433R ENTER 'WRITE (VOLID' OR 'REJECT'
 DMSTLB434E 'TAPn raddr' INPUT LABEL CHECK ERROR FOR FIELD 'fieldname'
 FILE 'filename'
 DMSTLB435R ENTER 'IGNORE' OR 'CANCEL'
 DMSTLB436I 'TAPn raddr' MISSING USER STANDARD LABEL FOR 'ddname'
 DMSTLB437I 'TAPn raddr' NSL ROUTINE RETURNED AN ERROR CODE 'nnnnnn' FOR 'filename'

SAVED SYSTEM ROUTINES

DMSVIB400S SYSTEM 'sysname' DOES NOT EXIST
 DMSVIB401S VM SIZE (size) CANNOT EXCEED 'sysname' START ADDRESS (address)
 DMSVIB410S CONTROL PROGRAM ERROR INDICATION 'retcode'
 DMSVIB109S VIRTUAL STORAGE CAPACITY EXCEEDED

VSAMGEN EXEC PROCEDURE

DMSVGN069E DISK {'mode'|'vaddr'|'valid'} NOT ACCESSED.
 {'A' MUST BE R/W FOR 'DISK LOAD'}
 DMSVGN360E INVALID RESPONSE 'response'
 DMSVGN360I CMS/VSAM TEXT FILES CREATED ON DISK 'A'
 DMSVGN360R ENTER EITHER 'INSTALL' OR 'UPDATE':
 DMSVGN361E DISK 'mode' IS NOT A {CMS|DOS} DISK
 DMSVGN361I CREATING CMS TEXT FILES...
 DMSVGN361R ENTER EITHER 'DOS' OR 'OS':
 DMSVGN362I LINK EDITING sysname
 DMSVGN362R ENTER MODE OF DOS SYSTEM RELOCATABLE LIBRARY DISK:
 DMSVGN363I sysname DOSLIB CREATED ON DISK 'A'
 DMSVGN363R ENTER LOCATION WHERE sysname WILL BE LOADED AND SAVED:
 DMSVGN364I FETCHING sysname...
 DMSVGN364R ENTER 'CMSVSAM' OR 'CMSAMS' OR 'BOTH' FOR GENERATION OF NEW SYSTEM(S):
 DMSVGN365I SYSTEM sysname SAVED
 DMSVGN365R ENTER MODULE NAME (8 CHARS OR LESS) OR 'END':
 DMSVGN366I STARTING TO READ PTF DECKS FROM READER...
 DMSVGN366R ENTER NAME OF SYSTEM TO BE SAVED:
 DMSVGN367I 'modulename TEXT' WRITTEN ON DISK 'A'
 DMSVGN368I count NEW PTF DECKS WILL BE APPLIED
 DMSVGN368R ERASE sysname DOSLIB?...ENTER 'YES' OR 'NO':
 DMSVGN369E INVALID _ RELEASE 31 OR LATER REQUIRED
 DMSVGN369R ENTER RELEASE NUMBER OF DOS/VS STARTER SYSTEM:
 DMSVGN380R ENTER 'TAPE' OR 'CARDS' FOR PTF APPLICATION:
 DMSVGN381R ENTER 'SELECT' OR 'ALL' FOR TAPE PTF APPLICATION:
 DMSVGN382R ENTER NUMBER OF TAPE FILES TO BE PROCESSED:
 DMSVDP070E INVALID PARAMETER 'parameter'
 DMSVDP105S ERROR 'nn' WRITING FILE 'fn CMSUT1 A1' ON DISK
 DMSVDP109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSVDP110S ERROR READING TAP1 (181)

DMSVPD113S TAP1 (181) NOT ATTACHED
DMSVPD367I 'modulename TEXT' WRITTEN ON DISK 'A'
DMSVPD368I count NEW PTF DECKS WILL BE APPLIED
DMSVPD383R APPLY 'fn' ? ...ENTER 'NO' OR EOB:

VSAM INTERFACE (OS USER)

DMSVIP109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSVIP230E NO. OF VSAM EXIT ROUTINES HAS EXCEEDED MAX OF 128 - UNABLE TO CONTINUE
DMSVIP778E OPEN ERROR ON DDNAME: POSSIBLE VOLUME ERROR. SEE VSE/VSAM
DOCUMENTATION FOR OPEN ERROR CODE code
DMSVIP779E OPEN ERROR ON ddname: POSSIBLE USER PROGRAMMING ERROR. SEE
VSE/VSAM DOCUMENTATION FOR OPEN ERROR CODE code
DMSVIP780E OPEN ERROR ON ddname: POSSIBLE DLBL/EXTENT ERROR. SEE
VSE/VSAM DOCUMENTATION FOR OPEN ERROR CODE code
DMSVIP781E OPEN ERROR ON ddname: POSSIBLE CATALOG ERROR. SEE VSE/VSAM
DOCUMENTATION FOR OPEN ERROR CODE code
DMSVIP782E OPEN ERROR ON ddname: POSSIBLE SYSTEM ERROR. SEE VSE/VSAM
DOCUMENTATION FOR OPEN ERROR CODE code
DMSVIP783E CLOSE ERROR ON ddname: POSSIBLE USER PROGRAMMING ERROR. SEE
VSE/VSAM DOCUMENTATION FOR OPEN ERROR CODE code
DMSVIP784E CLOSE ERROR ON ddname: POSSIBLE SYSTEM ERROR. SEE VSE/VSAM
DOCUMENTATION FOR OPEN ERROR CODE code
DMSVIP785E ERROR IN REQUEST MACRO PROCESSING: POSSIBLE USER PROGRAMMING
ERROR. SEE VSE/VSAM ERROR CODE code, RETURN CODE code
DMSVIP786E ERROR IN REQUEST MACRO PROCESSING: POSSIBLE SYSTEM ERROR.
SEE VSE/VSAM ERROR CODE code, RETURN CODE code

VSEVSAM EXEC PROCEDURE

DMSWVV788R ARE THE MACROS TO BE READ FROM TAPE OR ARE THEY ALREADY ON DISK?
REPLY (TAPE|DISK). IF A DEFAULT OF TAPE IS TO BE USED, PRESS "ENTER"
DMSWVV789W INVALID RESPONSE
DMSWVV790R IF THE DEFAULT LIBRARY NAME OF "VSEVSAM" IS TO BE USED, PRESS
"ENTER" ELSE, ENTER THE NAME TO BE USED FOR THE LIBRARY
DMSWVV791I THE LIBRARY NAME WILL BE "libname." PRESS "ENTER" TO CONTINUE,
ELSE ENTER "QUIT" OR THE NAME WILL BE USED FOR THE LIBRARY
DMSWVV792R ARE THE MACROS TO BE ERASED FROM DISK? (YES|NO). PRESS "ENTER"
FOR DEFAULT OF YES
DMSWVV793I MACLIB GENERATION COMPLETED
DMSWVV794E ERROR IN MACLIB GENERATION
DMSWVV795E ERROR READING MACROS FROM TAPE
DMSWVV796E ERROR READING FROM "VSEVSAM SCA" FILE
DMSWVV797I "QUIT" MAY BE ENTERED IN RESPONSE TO ANY QUERY TO END PROCESSING
DMSWVV798R THE VSE/VSAM OPTIONAL SOURCE STATEMENT LIBRARY TAPE MUST BE
MOUNTED AS VIRTUAL 181. IF IT IS NOT, ENTER "QUIT" HERE AND HAVE THE
TAPE MOUNTED. ELSE PRESS "ENTER" TO CONTINUE
DMSWVV799E ERROR READING FROM "VSEVSAM SCAN" FILE - ALL MACROS MAY NOT BE ERASED
DMSWVV800E ONE OF THE FILES NEEDED FOR MACLIB GENERATION IS MISSING
DMSWVV801I ARGUMENTS ENTERED ARE IGNORED
DMSWVV802I MACROS ERASED = VSEVSAM PROCESSING COMPLETE
DMSWVV808R MACRO LIBRARY "libname" WILL BE ERASED. PRESS "ENTER" TO
CONTINUE OR "QUIT" TO EXIT
DMSWVV809E ERROR COPYING "VSEVSAM SCAN" FILE FROM S-DISK to A-DISK

RSCS Message Summary

RSCS Spontaneous Messages

DMTREX000I RSCS (VER v, LEV 1, mm/dd/yy) READY
DMTCMX001I FREE STORAGE = nn PAGES
DMTREX002I LINK linkid DEACTIVATED
DMTCMX003I LINK linkid EXECUTING: (command line text)
DMTNPT070E I/O ERROR vaddr SIOCC cc CSW csw SENSE sense CCW ccw
DMTSML070E I/O ERROR vaddr SIOCC cc CSW csw SENSE sense CCW ccw
DMTREX080E PROGRAM CHECK -- LINK linkid DEACTIVATED
DMTREX090T PROGRAM CHECK IN SUPERVISOR -- RSCS SHUTDOWN
DMTREX091T INITIALIZATION FAILURE -- RSCS SHUTDOWN
DMTAXS101I FILE spoolid ENQUEUED ON LINK linkid
DMTAXS102I FILE spoolid PENDING FOR LINK linkid

DMTAXS103E FILE spoolid REJECTED -- INVALID DESTINATION ADDRESS
DMTAXS104I FILE SPOOLED TO userid2 -- ORG locid1 (name1) mm/dd/yy hh:mm:ss
DMTAXS105I FILE spoolid PURGED
DMTAXS106I FILE spoolid MISSING -- DEQUEUED FROM LINK linkid
DMTAXS107I nn PENDING FILES FOR LINK linkid MISSING
DMTAXS108E SYSTEM ERROR READING SPOOL FILE spoolid
DMTNPT108E SYSTEM ERROR READING SPOOL FILE spoolid
DMTSML108E SYSTEM ERROR READING SPOOL FILE spoolid
DMTNPT141I LINE vaddr READY FOR CONNECTION TO LINK linkid
DMTSML141I LINE vaddr READY FOR CONNECTION TO LINK linkid

DMTNPT142I LINK linkid LINE vaddr CONNECTED
DMTSML142I LINK linkid LINE vaddr CONNECTED
DMTNPT143I LINK linkid LINE vaddr DISCONNECTED
DMTSML143I LINK linkid LINE vaddr DISCONNECTED
DMTNPT144I RECEIVING: FILE FROM locid1 (name1) FOR locid2 (userid2)
DMTSML144I RECEIVING: FILE FROM locid1 (name1) FOR locid2 (userid2)
DMTNPT145I RECEIVED: FILE FROM locid1 (name1) FOR locid2 (userid2)
DMTSML145I RECEIVED: FILE FROM locid1 (name1) FOR locid2 (userid2)
DMTNPT146I SENDING: FILE spoolid ON LINK linkid, REC nnnnnn
DMTSML146I SENDING: FILE spoolid ON LINK linkid, REC nnnnnn

DMTNPT147I SENT: FILE spoolid ON LINK linkid
DMTSML147I SENT: FILE spoolid ON LINK linkid
DMTNPT149I LINK linkid LINE ACTIVITY: TOT= mmm; ERRS= nnn; TMOUTS= ppp
DMTSML149I LINK linkid LINE ACTIVITY: TOT= mmm; ERRS= nnn; TMOUTS= ppp
DMTNPT160I LINE vaddr DISABLED FOR linkid
DMTSML160I LINE vaddr DISABLED FOR linkid
DMTNPT170I FROM linkid: (MSG message text)
DMTSML170I FROM linkid: (MSG message text)

DMTNPT190E INVALID SPOOL BLOCK FORMAT ON FILE spoolid
DMTSML190E INVALID SPOOL BLOCK FORMAT ON FILE spoolid
DMTNPT934E ID CARD MISSING ON LINK linkid -- INPUT FILE PURGED
DMTSML934E ID CARD MISSING ON LINK linkid -- INPUT FILE PURGED
DMTSML935E LINK linkid IN RJE MODE -- PRINT FILE spoolid PURGED
DMTNPT936E NO REMOTE PUNCH AVAILABLE ON LINK linkid -- FILE spoolid PURGED
DMTSML937E DECOMPRESSION ERROR ON linkid -- LINK DEACTIVATED

General Command Responses

DMTCMX200I RSCS
DMTCMX201E INVALID COMMAND command
DMTCMX202E INVALID LINK linkid
DMTCMX203E INVALID SPOOL FILE ID spoolid
DMTCMX204E INVALID KEYWORD keyword
DMTCMX205E CONFLICTING KEYWORD keyword
DMTCMX206E INVALID OPTION keyword option
DMTCMX207E CONFLICTING OPTION keyword option
DMTCMX208E INVALID USER ID userid
DMTCMX300I ACCEPTED BY TASK task
DMTCMX301E REJECTED BY TASK task -- PREVIOUS COMMAND ACTIVE
DMTCMX302E LINK linkid IS NOT DEFINED
DMTCMX303E LINK linkid IS NOT ACTIVE
DMTCMX304E REJECTED BY TASK task -- NOT RECEIVING

Specific Command Responses

BACKSPAC

DMTNPT510I FILE spoolid BACKSPACED
DMTSML510I FILE spoolid BACKSPACED
DMTNPT511E NO FILE ACTIVE ON LINK linkid
DMTSML511E NO FILE ACTIVE ON LINK linkid

CHANGE

DMTAXS520I FILE spoolid CHANGED
DMTAXS521I FILE spoolid HELD FOR LINK linkid
DMTAXS522I FILE spoolid RELEASED FOR LINK linkid
DMTAXS523I LINK linkid QUEUE REORDERED
DMTAXS524E FILE spoolid ACTIVE -- NO ACTION TAKEN
DMTAXS525E FILE spoolid IS FOR LINK linkid -- NO ACTION TAKEN
DMTAXS526E FILE spoolid NOT FOUND -- NO ACTION TAKEN

CMD

DMTSML530I COMMAND FORWARDED ON LINK linkid

DEFINE

DMTCMX540I NEW LINK linkid DEFINED
DMTCMX541I LINK linkid REDEFINED
DMTCMX542E LINK linkid ACTIVE -- NOT REDEFINED
DMTCMX543E LINK linkid NOT DEFINED -- LINK LIMIT REACHED
DMTCMX544E LINK linkid NOT DEFINED -- TYPE NOT SPECIFIED

DELETE

DMTCMX550I LINK linkid NOW DELETED
DMTCMX551E LINK linkid ACTIVE -- NOT DELETED
DMTCMX552E LINK linkid HAS A FILE QUEUE -- NOT DELETED

DISCONN

DMTCMX560I RSCS DISCONNECTING
DMTCMX561E USERID userid NOT RECEIVING

DRAIN

DMTNPT570I LINK linkid NOW SET TO DEACTIVATE
DMTSML570I LINK linkid NOW SET TO DEACTIVATE
DMTNPT571E LINK linkid ALREADY SET TO DEACTIVATE
DMTSML571E LINK linkid ALREADY SET TO DEACTIVATE

FLUSH

DMTNPT580I FILE spoolid PROCESSING TERMINATED
DMTSML580I FILE spoolid PROCESSING TERMINATED
DMTNPT581E FILE spoolid NOT ACTIVE
DMTSML581E FILE spoolid NOT ACTIVE

FREE

DMTNPT590I LINK linkid RESUMING FILE TRANSFER
DMTSML590I LINK linkid RESUMING FILE TRANSFER
DMTNPT591E LINK linkid NOT IN HOLD STATUS
DMTSML591E LINK linkid NOT IN HOLD STATUS

FWDSpace

DMTNPT511E NO FILE ACTIVE ON LINK linkid
DMTSML511E NO FILE ACTIVE ON LINK linkid
DMTNPT600I FILE spoolid FORWARD SPACED
DMTSML600I FILE spoolid FORWARD SPACED

HOLD

DMTNPT610I LINK linkid TO SUSPEND FILE TRANSMISSION
DMTSML610I LINK linkid TO SUSPEND FILE TRANSMISSION
DMTNPT611I LINK linkid FILE TRANSMISSION SUSPENDED
DMTSML611I LINK linkid FILE TRANSMISSION SUSPENDED
DMTNPT612E LINK linkid ALREADY IN HOLD STATUS
DMTSML612E LINK linkid ALREADY IN HOLD STATUS

MSG

No response.

ORDER

DMTAXS523I LINK linkid QUEUE REORDERED
DMTAXS524E FILE spoolid ACTIVE -- NO ACTION TAKEN
DMTAXS525E FILE spoolid IS FOR LINK linkid -- NO ACTION TAKEN
DMTAXS526E FILE spoolid NOT FOUND -- NO ACTION TAKEN

PURGE

DMTAXS524E FILE spoolid ACTIVE -- NO ACTION TAKEN
DMTAXS525E FILE spoolid IS FOR linkid -- NO ACTION TAKEN
DMTAXS526E FILE spoolid NOT FOUND -- NO ACTION TAKEN
DMTAXS640I nn FILE(S) PURGED ON LINK linkid

QUERY linkid STAT

DMTCMX651I LINK linkid INACTIVE
DMTCMX652I LINK linkid ACTIVE task type vaddr c {HO|NOH} {DR|NOD}
{TRA|TRE|NOT} Q=m P=n

QUERY linkid DEF

DMTCMX653I LINK linkid DEFAULT task type vaddr c R=m

QUERY linkid QUEUE

DMTCMX654I LINK linkid Q=m P=n
DMTCMX655I FILE spoolid locid userid CL a PR mm REC nnnnnn {A|I}

QUERY FILE spoolid STAT

DMTCMX660I FILE spoolid INACTIVE ON LINK linkid
DMTCMX661I FILE spoolid ACTIVE ON LINK linkid
DMTCMX664E FILE spoolid NOT FOUND

QUERY FILE spoolid RSCS

DMTCMX662I FILE spoolid ORG locid1 userid1 mm/dd/yy hh:mm:ss TO locid2 userid2
DMTCMX664E FILE spoolid NOT FOUND

QUERY FILE spoolid VM

DMTCMX663I FILE spoolid PR mm CL a CO nn {HO|NOH} DI distcode, NA {fn ft|dsname}
DMTCMX664E FILE spoolid NOT FOUND

QUERY SYSTEM

DMTCMX670I LINK linkid ACTIVE -- LINE vaddr {HO|NOH}
DMTCMX671I LINK linkid INACTIVE
DMTCMX672I NO LINK ACTIVE
DMTCMX673I NO LINK DEFINED

SIGNON

DMTNPT902E NON-SIGNON CARD READ ON LINK linkid
DMTSML902E NON-SIGNON CARD READ ON LINK linkid
DMTNPT903E PASSWORD SUPPLIED ON LINK linkid IS INVALID
DMTSML903E PASSWORD SUPPLIED ON LINK linkid IS INVALID
DMTNPT904E SIGNON PARAMETER=parameter INVALID
DMTNPT905I SIGNON of LINKID linkid COMPLETE
DMTSML905I SIGNON of LINKID linkid COMPLETE

START

DMTCMX700I ACTIVATING LINK linkid task type vaddr c
DMTCMX701E NO SWITCHED LINE AVAILABLE -- LINK linkid NOT ACTIVATED
DMTCMX702E LINE vaddr IS IN USE BY LINK linkid1 -- LINK linkid2 NOT ACTIVATED
DMTCMX703E DEV cuu IS NOT A LINE PORT -- LINK linkid NOT ACTIVATED
DMTCMX704E LINE vaddr CC=3 NOT OPERATIONAL -- LINK linkid NOT ACTIVATED
DMTCMX705E DRIVER type NOT FOUND ON DISK vaddr -- LINK linkid NOT ACTIVATED
DMTCMX706E FATAL ERROR LOADING FROM vaddr -- LINK linkid NOT ACTIVATED
DMTCMX707E DRIVER type FILE FORMAT INVALID -- LINK linkid NOT ACTIVATED
DMTCMX708E VIRTUAL STORAGE CAPACITY EXCEEDED -- LINK linkid NOT ACTIVATED
DMTCMX709E TASK NAME task ALREADY IN USE -- LINK linkid NOT ACTIVATED
DMTCMX710E MAX (nn) ACTIVE -- LINK linkid NOT ACTIVATED
DMTNPT750E LINK linkid ALREADY ACTIVE -- NO ACTION TAKEN
DMTSML750E LINK linkid ALREADY ACTIVE -- NO ACTION TAKEN
DMTCMX751I LINK linkid ALREADY ACTIVE -- NEW CLASS(ES) SET AS REQUESTED
DMTNPT752I LINK linkid STILL ACTIVE -- DRAIN STATUS RESET
DMTSML752I LINK linkid STILL ACTIVE -- DRAIN STATUS RESET
DMTSML901E INVALID SML MODE SPECIFIED -- LINK linkid NOT ACTIVATED
DMTSML906E INVALID SML BUFFER PARAMETER -- LINK linkid NOT ACTIVATED

TRACE

DMTNPT801I LINK linkid ERROR TRACE STARTED
DMTSML801I LINK linkid ERROR TRACE STARTED
DMTNPT802I LINK linkid TRACE STARTED
DMTSML802I LINK linkid TRACE STARTED
DMTNPT803I LINK linkid TRACE ENDED
DMTSML803I LINK linkid TRACE ENDED
DMTNPT810E LINK linkid TRACE ALREADY ACTIVE
DMTSML810E LINK linkid TRACE ALREADY ACTIVE
DMTNPT811E LINK linkid TRACE NOT ACTIVE
DMTSML811E LINK linkid TRACE NOT ACTIVE

Messages Generated during System Generation and Initialization

DMTINI402T IPL DEVICE READ I/O ERROR
DMTINI406R SYSTEM DISK ADDRESS = addr
DMTINI407R REWRITE THE NUCLEUS? {YES|NO}
DMTINI409R NUCLEUS CYL ADDRESS = nnn
DMTINI410R ALSO IPL CYLINDER 0? {YES|NO}
DMTINI431S IPL DEVICE WRITE I/O ERROR
DMTINI479E INVALID DEVICE ADDRESS -- REENTER
DMTINI480E INVALID CYLINDER NUMBER -- REENTER
DMTINI481E INVALID REPLY -- ANSWER "YES" OR "NO"
DMTINI482E SYSTEM DISK ERROR -- REENTER
DMTINI483E NUCLEUS WILL OVERLAY CMS FILES -- RECOMPUTE

IPCS Message Summary

DUMPSCAN

DMMDSC500S ERROR 'nnn' WRITING TO VIRTUAL PRINTER
DMMDSC700I TYPE HELP OR ENTER
DMMDSC701R ENTER DUMP NUMBER AND MODE
DMMDSC719I ERROR 'nnn' IN FSSTATE 'filename filetype fm'
DMMDSC720I LOAD MAP ALREADY PRESENT
DMMDSC721I &NAME TABLE IS FULL
DMMDSC722I INVALID ENTRY INTO &NAME TABLE
DMMDSC723I THE DUMP IS NOT ON THE A-DISK
DMMFED702I NON-HEX CHARACTER IN COUNT - RETRY
DMMFED703I NON-HEX CHARACTER IN ADDRESS - RETRY
DMMFEX704I NON-HEX CHARACTER IN ADDRESS - RETRY
DMMGET100S ERROR 'nnn' READING FILE 'filename filetype fm'
DMMGET708I PAGE 'page' NOT FOUND IN DUMP
DMMHEX714I NON-HEX CHARACTER IN INPUT - RETRY
DMMIOB712I DEVICE 'addr' NOT FOUND
DMMIOB713I USER 'userid' VMBLOK NOT FOUND
DMMLOC715I NON-HEX CHARACTER IN STRING
DMMLOC716I STRING 'string' NOT FOUND
DMMLOC716I STRING 'string' NOT FOUND BEFORE END OF DUMP
DMMLOC717I INVALID FORM OF LOCATE COMMAND
DMMM0D100S ERROR 'nnn' READING FILE 'filename filetype fm'
DMMM0D705E ERROR IN ITEM TABLE
DMMM0D706I 'entry name' NOT FOUND IN THE LOAD MAP
DMMM0D707I 'module' 'page' PAGE NOT VALID
DMMM0D718I THIS DUMP HAS NO LOAD MAP - SEE MAP SUBCOMMAND
DMMREG100S ERROR 'nnn' READING FILE 'fileid'
DMMREG724I {AP} REGISTERS REQUESTED FOR UNIPROCESSOR DUMP
DMMREG724I {MP} REGISTERS REQUESTED FOR UNIPROCESSOR DUMP
DMMSCR709I NO VALID SCROLL ADDRESS
DMMTRC710I NON-NUMERIC COUNT CHARACTER - RETRY
DMMVMB711I LOOP IN VMBLOK CHAIN

PRB

DMMSUM100S ERROR 'nnn' READING FILE 'filename filetype fm'
DMMSUM200S ERROR 'nnn' WRITING FILE 'filename filetype fm'
DMMSUM501S INVALID PARM 'badparm' PASSED TO SUMMARY UPDATE PROGRAM
DMMSUM502S PROBLEM 'PRBnnnnn' NOT FOUND IN SYMPTOM SUMMARY

PROB

DMMPRO100S ERROR 'nnn' READING FILE 'filename filetype fm'
DMMPRO200S ERROR 'nnn' WRITING FILE 'filename filetype fm'
DMMPRO300S ERROR 'nnn' ON FSSTATE 'filename filetype fm'
DMMSEA100S ERROR 'nnn' READING FILE 'filename filetype fm'
DMMSUM100S ERROR 'nnn' READING FILE 'filename filetype fm'
DMMSUM200S ERROR 'nnn' WRITING FILE 'filename filetype fm'
DMMSUM501S INVALID PARM 'badparm' PASSED TO SUMMARY UPDATE PROGRAM
DMMSUM502S PROBLEM 'PRBnnnnn' NOT FOUND IN SYMPTOM SUMMARY
DMMWRT200S ERROR 'nnn' WRITING FILE 'filename filetype fm'

STAT

DMMSTA100S ERROR 'nnn' READING FILE 'filename filetype fm'
DMMSTA200S ERROR 'nnn' WRITING FILE 'filename filetype fm'
DMMSTA601I OPERAND 'operand' NOT RECOGNIZED

VMFDUMP

DMMCPA805I 'nnn' ABEND CODE NOT RECOGNIZED BY DATA EXTRACTION
 DMMEDM850I UNABLE TO READ DUMP FROM READER
 DMMEDM851I TEN DUMP FILES ALREADY EXIST
 DMMEDM852I FATAL I/O ERROR WRITING DUMP
 DMMEDM853I NO DUMP FILES EXIST
 DMMEDM860I FATAL I/O ERROR READING DUMP
 DMMEDM861I DUMP FILE 'filename' NOT FOUND
 DMMEDM863E INVALID PARAMETER - parameter
 DMMEDM864I PAGE REFERENCED NOT AVAILABLE WHILE EDITING xxxxxxxx
 DMMGRC100S ERROR 'nnn' READING FILE 'filename filetype fm'
 DMMGRC809I REQUESTED ADDRESS NOT IN DUMP
 DMMINI100S ERROR 'nnn' READING FILE 'filename filetype fm'
 DMMINI200S ERROR 'nnn' WRITING FILE 'filename filetype fm'
 DMMINI300S ERROR 'nnn' ON FSSTATE 'filename filetype fm'
 DMMINI400S ERROR 'nnn' CLOSING 'filename filetype fm'
 DMMINI800S DATA EXTRACTION FAILURE
 DMMINI803S ERROR 'nnn' ATTEMPTING TO LOADMOD VMFDUMP2
 DMMMAPP200S ERROR 'nnn' WRITING FILE 'filename filetype fm'
 DMMMAPP801I NUC MAP 'filename filetype fm' IS NOT VALID FOR THIS DUMP
 DMMMAPP802I PROCEEDING....
 DMMMAPP806R ENTER 'filename filetype fm' OF NUCLEUS LOAD MAP OR ENTER NULL
 DMMMAPP807I UNABLE TO LOCATE 'filename filetype fm'
 DMMMAPP808I NUCLEUS MAP INVALID 'filename filetype fm'
 DMMMAPP810I ERROR 'nnn' READING FILE 'filename filetype fm'
 DMMPRM200S ERROR 'nnn' WRITING FILE 'filename filetype fm'
 DMMPRM804I PROCESSING ERROR IN DATA EXTRACTION
 DMMSEA100S ERROR 'nnn' READING FILE 'filename filetype fm'
 DMMSUM100S ERROR 'nnn' READING FILE 'filename filetype fm'
 DMMSUM200S ERROR 'nnn' WRITING FILE 'filename filetype fm'
 DMMSUM501S INVALID PARM 'badparm' PASSED TO SUMMARY UPDATE PROGRAM
 DMMSUM502S PROBLEM 'PRBnnnnn' NOT FOUND IN SYMPTOM SUMMARY
 DMMWRT200S ERROR 'nnn' WRITING FILE 'filename filetype fm'

Appendix B. Message Summary Alphamerically by Message Identifier

This appendix lists the messages issued by CP, CMS, RSCS, and IPCS. The lists are organized alphanumerically, in order by module code, message number, and type.

Note: RSCS and IPCS messages remain at the VM/370 Release 6 level.

CP Messages Summary

DMKACO425E I/O ERROR ON SPOOL DEVICE DURING ACCOUNTING

DMKACR149E DEVICE PATH raddr PROC nn PRESENTED cc ON I/O REQUEST

DMKACR603W CHANNEL ERROR

DMKACR622W MACHINE CHECK; MULTIPLE CHANNEL ERRORS

DMKALG059E AUTOLOG FAILED FOR userid-{IPL MISSING|IPL FAILED|ACCOUNTING
ERROR|INCORRECT PASSWORD}

DMKALG115E AUTOLOG INVALID; EXCESSIVE INCORRECT PASSWORDS

DMKATS181E SHARED SYSTEM name REPLACED WITH NON-SHARED COPY

DMKBLD200E VIRT=REAL AREA NOT AVAILABLE; IN USE BY {userid|SYSTEM}

DMKBLD201E VIRT=REAL AREA NOT AVAILABLE; DAMAGED PAGES

DMKBLD202E VIRT=REAL AREA NOT AVAILABLE; INSUFFICIENT STORAGE

DMKBSC500I type 'raddr' 'devname' CMD REJECT CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']

DMKBSC501A type 'addr' 'devname' INT REQ CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']

DMKBSC502I type 'addr' 'devname' BUSOUT CK CMD='cm' SNS='SENSE' CSW='csw'
USERID='userid' [BBCCHH='BBCCHH'|BLOCK='nnnnnn']

DMKBSC503I type 'addr' 'devname' EQUIP CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']

DMKBSC504I type 'addr' 'devname' DATA CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']

DMKBSC505I type 'addr' 'devname' OVERRUN CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']

DMKBSC516I type 'addr' 'devname' BAD SENSE CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']

DMKBSC517I {LINE|TAPE} 'addr' 'devname' NOT/KNOWN CMD='cm' SNS='sense' CSW='csw'
USERID='userid'

DMKBSC520I type 'addr' 'devname' CHAN ERROR CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']

DMKBSC527I {LINE|CONS} 'addr' 'devname' LOST DATA CMD='cm' SNS='sense' CSW='csw'
USERID='userid'

DMKBSC528I {LINE|CONS} 'addr' 'devname' TIMEOUT CMD='cm' SNS='sense' CSW='csw'
USERID='userid'

DMKCCH601E CHANNEL CONTROL CHECK DEV xxx; USER 'userid'

DMKCCH601I CHANNEL CONTROL CHECK DEV xxx; USER 'userid'

DMKCCH602E INTERFACE CONTROL CHECK DEV xxx; USER 'userid'

DMKCCH602I INTERFACE CONTROL CHECK DEV xxx; USER 'userid'

DMKCCH603W CHANNEL ERROR

DMKCCH605I CHANNEL CHECK RECORDING FAILURE

DMKCDB003E INVALID OPTION - option

DMKCDB004E INVALID HEXLOC - hexloc

DMKCDB009E INVALID RANGE - range
 DMKCDB010E INVALID REGISTER - register
 DMKCDB026E OPERAND MISSING OR INVALID
 DMKCDB160E HEXLOC hexloc EXCEEDS STORAGE

DMKCDM003E INVALID OPTION - option
 DMKCDM004E INVALID HEXLOC - hexloc
 DMKCDM009E INVALID RANGE - range
 DMKCDM033E HEXLOC MISSING OR INVALID
 DMKCDM060E DUMP FAILED; VIRTUAL PRINTER UNAVAILABLE
 DMKCDM061E DUMP FAILED; VIRTUAL PRINTER ERROR
 DMKCDM160E HEXLOC hexloc EXCEEDS STORAGE

DMKCDS004E INVALID HEXLOC - operand
 DMKCDS005E INVALID HEXDATA - hexdata
 DMKCDS010E INVALID REGISTER - register
 DMKCDS012E INVALID PSW - psw
 DMKCDS026E OPERAND MISSING OR INVALID
 DMKCDS033E HEXLOC MISSING OR INVALID
 DMKCDS160E HEXLOC hexloc EXCEEDS STORAGE
 DMKCDS161E SHARED PAGE hexloc ALTERED by userid
 DMKCDS162E INVALID ECR x - hexdata
 DMKCDS162W INVALID ECR x - hexdata
 DMKCDS163E STORE EXCEEDS MAXIMUM REGISTER
 DMKCDS164E HEXLOC hexloc NON-ADDRESSABLE STORAGE
 DMKCDS166E CHANGED SHARED PAGE NOT WRITTEN TO AUXILIARY STORAGE

DMKCFC001E ?CP: command
 DMKCFC002E INVALID OPERAND - operand
 DMKCFC004E INVALID HEXLOC - hexloc
 DMKCFC026E OPERAND MISSING OR INVALID

DMKCFD004E INVALID HEXLOC - hexloc
 DMKCFD021E RADDR MISSING OR INVALID
 DMKCFD022E VADDR MISSING OR INVALID
 DMKCFD026E OPERAND MISSING OR INVALID
 DMKCFD040E DEV addr DOES NOT EXIST
 DMKCFD160E HEXLOC hexloc EXCEEDS STORAGE
 DMKCFD164E HEXLOC hexloc NON-ADDRESSABLE STORAGE
 DMKCFD291E COMMAND REJECTED; {PMA|SPMODE} IN USE

DMKCFG002E INVALID OPERAND - operand
 DMKCFG003E INVALID OPTION - option
 DMKCFG013E CONFLICTING OPTION - option
 DMKCFG022E VADDR MISSING OR INVALID
 DMKCFG026E OPERAND MISSING OR INVALID
 DMKCFG040E DEV addr DOES NOT EXIST
 DMKCFG044E SYSTEM name DOES NOT EXIST
 DMKCFG083E VMSAVE AREA DOES NOT CONTAIN A VALID SAVED SYSTEM
 DMKCFG170E SYSTEM name EXCEEDS STORAGE
 DMKCFG171E SYSTEM name VOLID volid NOT MOUNTED
 DMKCFG172E SYSTEM name DASD vaddr INCOMPATIBLE SYSRES
 DMKCFG173E SYSTEM name REQUIRES DASD vaddr
 DMKCFG174E PAGING I/O ERROR; IPL FAILED
 DMKCFG175E {FAVORED|RESERVE|NETWORK TRACE|name} ALREADY IN USE BY userid
 DMKCFG177E PARM EXCEEDS 64 CHARACTERS
 DMKCFG179E SYSTEM name VOLID volid NOT CP OWNED
 DMKCFG203E V=R AREA REQUIRES IPL BY DEVICE ADDRESS
 DMKCFG292E PMA FEATURE NOT AVAILABLE/ENABLED; RC=rc[-ddd]

DMKCFH011E INVALID DEVICE TYPE - userid vaddr
 DMKCFH026E OPERAND MISSING OR INVALID
 DMKCFH044E SYSTEM name DOES NOT EXIST

DMKCFH170E SYSTEM name EXCEEDS STORAGE
 DMKCFH171E SYSTEM name VOLID valid NOT MOUNTED
 DMKCFH172E SYSTEM name DASD vaddr INCOMPATIBLE SYSRES
 DMKCFH173E SYSTEM name REQUIRES DASD vaddr
 DMKCFH179E SYSTEM name VOLID valid NOT CP OWNED
 DMKCFH300E SAVE REQUEST BEYOND VIRTUAL MACHINE SIZE
 DMKCFH435E PAGING ERROR WRITING SAVED SYSTEM
 DMKCFH436E INTERRUPT PENDING. TO PROCEED, TYPE YES. TO END, TYPE NO.

DMKCFJ002E INVALID OPERAND - operand
 DMKCFJ003E INVALID OPTION - option
 DMKCFJ004E INVALID HEXLOC - hexloc
 DMKCFJ026E OPERAND MISSING OR INVALID

DMKCF0003E INVALID OPTION - option
 DMKCF0020E USERID MISSING OR INVALID
 DMKCF0026E OPERAND MISSING OR INVALID
 DMKCF0045E userid NOT LOGGED ON
 DMKCF0175E {FAVORED|RESERVE|NETWORK TRACE|name} ALREADY IN USE BY userid
 DMKCF0184E VM ASSIST NOT AVAILABLE [ON PROCESSOR proc xx]
 DMKCF0186E CP ASSIST NOT AVAILABLE
 DMKCF0188E SPECIFIED PROCESSOR UNAVAILABLE
 DMKCF0250E 370E IS NOT AVAILABLE (ON PROC xx)
 DMKCF0255W 370E FEATURE NOW DISABLED
 DMKCF0268E XMEM FEATURE NOT AVAILABLE
 DMKCF0269E XMEM FEATURE NOT ACTIVE
 DMKCF0291E COMMAND REJECTED; {PMA|SPMODE} IN USE

DMKCFP164E HEXLOC hexloc NON-ADDRESSABLE STORAGE
 DMKCFP179E SYSTEM name VOLID valid NOT CP OWNED
 DMKCFP435E PAGING ERROR WRITING SAVED SYSTEM

DMKCFQ546I INTERRUPTION {CLEARED|PENDING} {DEVICE|CONTROL UNIT} raddr CSW csw USERID id

DMKCF0003E INVALID OPTION - option
 DMKCF0006E INVALID DEVICE TYPE - addr
 DMKCF0026E OPERAND MISSING OR INVALID
 DMKCF0044E SYSTEM name DOES NOT EXIST
 DMKCF0045E userid NOT LOGGED ON
 DMKCF0046E {DEV rid|type raddr} OFFLINE
 DMKCF0052E ERROR IN CP DIRECTORY
 DMKCF0053E userid NOT IN CP DIRECTORY
 DMKCF0044E SYSTEM name DOES NOT EXIST
 DMKCF0080E NO PREALLOCATED VMSAVE AREA
 DMKCF0081W VMSAVE AREA ALREADY IN USE, MUST USE SET COMMAND
 DMKCF0082E MORE THAN ONE VMSAVE AREA ALLOCATED, MUST SPECIFY AREA NAME
 DMKCF0086E I/O ERROR ON DASD
 DMKCF0170E SYSTEM name EXCEEDS STORAGE
 DMKCF0171E SYSTEM name VOLID valid NOT MOUNTED
 DMKCF0175E {FAVORED|RESERVE|NETWORK TRACE|name} ALREADY IN USE BY userid
 DMKCF0179E SYSTEM name VOLID valid NOT CP OWNED
 DMKCF0183E VM ASSIST NOT ACTIVE
 DMKCF0184E VM ASSIST NOT AVAILABLE
 DMKCF0187E TIMER ASSIST NOT AVAILABLE
 DMKCF0188E SPECIFIED PROCESSOR UNAVAILABLE
 DMKCF0189E AFFINITY NOT SET; SYSTEM IN UNIPROCESSOR MODE
 DMKCF0190I NO AFFINITY SPECIFIED IN DIRECTORY
 DMKCF0205E DAT IGNORE NOT SET; INVALID TRANSLATION FORMAT
 DMKCF0250E 370E IS NOT AVAILABLE (ON PROC xx)
 DMKCF0251E 370E IS NOT ACTIVE
 DMKCF0268E XMEM FEATURE NOT AVAILABLE
 DMKCF0269E XMEM FEATURE NOT ACTIVE
 DMKCF0291E COMMAND REJECTED; {PMA|SPMODE} IN USE

DMKCF'T002E INVALID OPERAND - operand
 DMKCF'T006E INVALID DEVICE TYPE - addr
 DMKCF'T026E OPERAND MISSING OR INVALID

DMKCFU003E INVALID OPTION - option
 DMKCFU006E INVALID DEVICE TYPE - addr
 DMKCFU013E CONFLICTING OPTION - option
 DMKCFU021E RADDR MISSING OR INVALID
 DMKCFU026E OPERAND MISSING OR INVALID
 DMKCFU040E DEV addr DOES NOT EXIST
 DMKCFU046E {DEV resid|type raddr} offline
 DMKCFU140E type raddr ATTACHED TO userid
 DMKCFU143E type raddr IN USE BY SYSTEM
 DMKCFU199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DMKCFU547E MISSING INTERRUPTION MONITORING NOT AVAILABLE
 DMKCFU925I SYSTEM AUTODUMP RE-ALLOCATED TO DASD raddr
 DMKCFU953I UNABLE TO ALLOCATE SYSTEM AUTODUMP

DMKCFV062E ECMODE NOT SET ON
 DMKCFV063E SHADOW TABLE BYPASS; NOT SET
 DMKCFV080E NO PREALLOCATED VMSAVE AREA
 DMKCFV082E MORE THAN ONE VMSAVE AREA ALLOCATED; MUST SPECIFY AREA NAME

DMKCFW002E INVALID OPERAND - operand
 DMKCFW026E OPERAND MISSING OR INVALID

DMKCFY003E INVALID OPTION - option
 DMKCFY026E OPERAND MISSING OR INVALID
 DMKCFY045E userid NOT LOGGED ON
 DMKCFY052E ERROR IN CP DIRECTORY
 DMKCFY053E userid NOT IN CP DIRECTORY
 DMKCFY183E VM ASSIST NOT ACTIVE
 DMKCFY184E VM ASSIST NOT AVAILABLE {ON PROCESSOR proc addr}
 DMKCFY187E TIMER ASSIST NOT AVAILABLE
 DMKCFY188E SPECIFIED PROCESSOR UNAVAILABLE
 DMKCFY189E AFFINITY NOT SET; SYSTEM IN UNIPROCESSOR MODE
 DMKCFY190I NOAFFINITY SPECIFIED IN DIRECTORY

DMKCKP435E PAGING ERROR WRITING SAVED SYSTEM
 DMKCKP536I raddr devname REPORTS DISABLED INTERFACE; FAULT CODE = cccc; NOTIFY CE
 DMKCKP900W SYSTEM RECOVERY FAILURE; PROGRAM CHECK
 DMKCKP901W SYSTEM RECOVERY FAILURE; MACHINE CHECK
 DMKCKP902W SYSTEM RECOVERY FAILURE; FATAL I/O ERROR-{NUCL AREA|WARM AREA}
 DMKCKP903W SYSTEM RECOVERY FAILURE; VOLID 'volid' ALLOCATION ERROR
 {CYLINDER 'cylinder'|PAGE 'page'}
 DMKCKP910W SYSTEM RECOVERY FAILURE: INVALID WARM START AREA
 DMKCKP911W SYSTEM RECOVERY FAILURE: WARM START AREA FULL
 DMKCKP922W SYSTEM RECOVERY FAILURE; INVALID SPOOLING DATA
 DMKCKP960I SYSTEM WARM START DATA SAVED
 DMKCKP961W SYSTEM SHUTDOWN COMPLETE

DMKCKS400I SYSTEM {TEMP SPACE|CHECKPOINT AREA} FULL
 DMKCKS915E PERMANENT I/O ERROR ON CHECKPOINT AREA
 DMKCKS919E CHECKPOINT AREA INVALID; CHECKPOINTING TERMINATED

DMKCKT401I SYSTEM {TEMP SPACE|CHECKPOINT AREA} 90 PERCENT FULL
 DMKCKT438I SPOOL FILE ID LIMIT EXCEEDED
 DMKCKT903W SYSTEM RECOVERY FAILURE; VOLID 'volid' ALLOCATION ERROR
 {CYLINDER='cylinder'|PAGE='page'}
 DMKCKT912W SYSTEM RECOVERY FAILURE; VOLID 'volid' NOT MOUNTED
 DMKCKT916E ERROR ALLOCATING SPOOL FILE BUFFERS

DMKCKV401I SYSTEM {TEMP SPACE|CHECKPOINT AREA} 90 PERCENT FULL
 DMKCKV912W SYSTEM RECOVERY FAILURE; VOLID 'valid' NOT MOUNTED
 DMKCKV915E PERMANENT I/O ERROR ON CHECKPOINT AREA
 DMKCKV916E ERROR ALLOCATING SPOOL FILE BUFFERS
 DMKCKV917E CHECKPOINT AREA INVALID; CLEAR STORAGE AND COLD START

DMKCLK437E SYSTEM PAGING SPACE NOT AVAILABLE, IPL TERMINATED
 DMKCLK970W TOD CLOCK SYNC CHECK RECEIVED

DMKCNS454I {LINE addr|DEV rid} DISABLED
 DMKCNS455I LINE 'addr' NOT OPERATIONAL text
 DMKCNS500I type 'addr' 'devname' CMD REJECT CMD='cm' SNS='sense' CSW='csw'
 USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
 DMKCNS501A type 'addr' 'devname' INT REQ CMD='cm' SNS='sense' CSW='csw'
 USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
 DMKCNS501I {CON|PRT|PUN|RDR} 'addr' 'devname' INT REQ [CMD='cm' SNS='sense'
 CSW='csw' USERID='userid']
 DMKCNS502I type 'addr' 'devname' BUSOUT CK CMD='CM' SNS='SENSE' CSW='csw'
 USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
 DMKCNS503I type 'addr' 'devname' EQUIP CK CMD='cm' SNS='sense' CSW='csw'
 USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
 DMKCNS504I type 'addr' 'devname' DATA CK CMD='cm' SNS='sense' CSW='csw'
 USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
 DMKCNS505I type 'addr' 'devname' OVERRUN CK CMD='cm' SNS='sense' CSW='csw'
 USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
 DMKCNS527I {LINE|CONS} 'addr' 'devname' LOST DATA CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKCNS528I {LINE|CONS} 'addr' 'devname' TIMEOUT CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'

DMKCPB005E INVALID HEXDATA - hexdata
 DMKCPB006E INVALID DEVICE TYPE - addr
 DMKCPB012E INVALID PSW - psw
 DMKCPB022E VADDR MISSING OR INVALID
 DMKCPB026E OPERAND MISSING OR INVALID
 DMKCPB040E DEV addr DOES NOT EXIST

DMKCPI131E INSUFFICIENT FREE STORAGE AVAILABLE FOR {ATTACH|LOGON} REQUEST
 DMKCPI185E CP ASSIST LEVEL xx DOES NOT MATCH CP LEVEL yy
 DMKCPI229I USER OF MONITOR DOES NOT EXIST
 DMKCPI328E raddr1 raddr2 raddr3 IMPROPERLY GENNED; VARIED OFFLINE
 DMKCPI329E raddr IMPROPERLY GENNED, DEVICE CANNOT BE USED AS SYSOWN
 DMKCPI330I MISMATCHED DEVICE TYPES AT ADDRESS raddr
 DMKCPI344W CP OWNED VOLUME valid INVALID TYPE
 DMKCPI536I raddr devname REPORTS DISABLED INTERFACE; FAULT CODE = cccc; NOTIFY CE
 DMKCPI913I CP OWNED VOLID xxxxxx INVALID FOR 3330V
 DMKCPI914I TRACE TABLE IS SMALLER THAN REQUESTED
 DMKCPI923I FAILING STORAGE FRAME AT LOCATION rstor
 DMKCPI924I xxxx ADDITIONAL FAILING STORAGE FRAMES EXIST
 DMKCPI927W STORAGE ALLOCATION HAS BEEN ALTERED. FREE OR TRACE WAS TOO
 LARGE.

DMKCPI950A OPERATOR NOT LOGGED ON; EXPLICIT LOGON REQUIRED
 DMKCPI951I CP VOLID valid NOT MOUNTED
 DMKCPI952I nnnnnK SYSTEM STORAGE
 DMKCPI953I UNABLE TO ALLOCATE SYSTEM AUTO DUMP
 DMKCPI954E DASD raddr VOLID valid NOT MOUNTED; DUPLICATE OF DASD raddr
 DMKCPI955W INSUFFICIENT STORAGE FOR VM/SP HPO
 DMKCPI957I STOR sssssK, NUC nnnK, DYN ddddK, TRA tttK, FREE ffffK, V=R vvvvvK
 DMKCPI958I ATTACHED PROCESSOR NOT OPERATIONAL
 DMKCPI959W ATTACHED PROCESSOR NOT ONLINE
 DMKCPI961W SYSTEM SHUTDOWN COMPLETE
 DMKCPI962I CP OWNED DASD raddr VOLID valid INVALID ALLOCATION RECORD
 DMKCPI963W SECOND PROCESSOR NOT ONLINE
 DMKCPI964I PROC xx INITIALIZED; PROC yy INITIALIZED

DMKCPI966I INITIALIZATION COMPLETE
 DMKCPI967I DISCONNECT userid - SYSTEM RESTARTED (mmmmnnn) AND SYSTEM CONSOLE NOT VM OPERATOR CONSOLE
 DMKCPI968I SYSTEM SHUTDOWN REQUESTED
 DMKCPI971I SYSTEM IS [UP|AP|MP] GENERATED

 DMKCPJ229I USER OF MONITOR DOES NOT EXIST
 DMKCPJ966I INITIALIZATION COMPLETE
 DMKCPJ967I DISCONNECT userid - SYSTEM RESTARTED (mmmmnnn) AND SYSTEM CONSOLE NOT VM OPERATOR CONSOLE

 DMKCPO049E type raddr IN USE
 DMKCPO124E DASD raddr IN USE BY nnn USERS
 DMKCPO140E type raddr ATTACHED TO userid
 DMKCPO142E type raddr NOT DRAINED
 DMKCPO143E type raddr IN USE BY SYSTEM
 DMKCPO198W LAST PATH TO DEVICE raddr ON PROCESSOR nn
 DMKCPO291E COMMAND REJECTED; {PMA|SPMODE} IN USE

 DMKCPP623I CHANNEL SET CONNECTED TO PROCESSOR nn

 DMKCPS040E DEV vaddr DOES NOT EXIST
 DMKCPS144W type vaddr RESET BY userid

 DMKCPT003E INVALID OPTION - option
 DMKCPT011E INVALID DEVICE TYPE - userid vaddr
 DMKCPT021E RADDR MISSING OR INVALID
 DMKCPT026E OPERAND MISSING OR INVALID
 DMKCPT040E DEV addr DOES NOT EXIST
 DMKCPT075E DEVICE raddr IS NOT AVAILABLE
 DMKCPT049E LINE addr IN USE
 DMKCPT123E DASD raddr CP OWNED
 DMKCPT124E DASD raddr IN USE BY nnn USERS
 DMKCPT136E DEVICE {vaddr|raddr} NOT {DEFINED|VARIED}; CHANNEL XX DEDICATED
 DMKCPT140E type raddr ATTACHED TO userid
 DMKCPT142E type raddr NOT DRAINED
 DMKCPT143E type raddr IN USE BY SYSTEM
 DMKCPT154E DEV raddr VARY FAILED, VARY IN PROCESS
 DMKCPT192E VARY PROCESSOR COMMAND FAILED

 DMKCPU021E RADDR MISSING OR INVALID
 DMKCPU191E PROCESSOR nn DOES NOT EXIST
 DMKCPU192E VARY PROCESSOR COMMAND FAILED
 DMKCPU193I PROCESSOR nn ONLINE
 DMKCPU194I PROCESSOR nn OFFLINE
 DMKCPU812E MSSF RESPONSE CODE TO VARY CP {ON|OFF} IS nnnn

 DMKCPV003E INVALID OPTION - option
 DMKCPV004E INVALID HEXLOC - hexloc
 DMKCPV007E INVALID USERID - userid
 DMKCPV009E INVALID RANGE - range
 DMKCPV020E USERID MISSING OR INVALID
 DMKCPV021E RADDR MISSING OR INVALID
 DMKCPV026E OPERAND MISSING OR INVALID
 DMKCPV033E HEXLOC MISSING OR INVALID
 DMKCPV040E DEV addr DOES NOT EXIST
 DMKCPV045E userid NOT LOGGED ON
 DMKCPV046E {DEV rid|type raddr} OFFLINE
 DMKCPV140E type raddr ATTACHED TO userid
 DMKCPV160E HEXLOC hexloc EXCEEDS STORAGE
 DMKCPV165I PAGE hexloc NOT LOCKED; SHARED PAGE
 DMKCPV176E VIRT=REAL AREA IN USE BY userid
 DMKCPV199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE

DMKCPV202E VIRT=REAL AREA NOT AVAILABLE; INSUFFICIENT STORAGE
 DMKCPV203E V=R AREA REQUIRES IPL BY DEVICE ADDRESS
 DMKCPV204E INVALID PAGE(S) SPECIFIED, V=R AREA
 DMKCPV923I FAILING STORAGE FRAME AT LOCATION rstor
 DMKCPV924I xxxx ADDITIONAL FAILING STORAGE FRAMES EXIST

DMKCPW330I MISMATCHED DEVICE TYPES AT ADDRESS raddr

DMKCPZ040E DEV addr DOES NOT EXIST
 DMKCPZ149E DEVICE PATH raddr PRESENTED cc=3 ON I/O REQUEST
 DMKCPZ328E raddr1 raddr2 raddr3 IMPROPERLY GENNED; VARIED OFFLINE

DMKQGG020E USERID MISSING OR INVALID
 DMKQGG022E VADDR MISSING OR INVALID
 DMKQGG027E SPOOLID MISSING OR INVALID
 DMKQGG028E CLASS MISSING OR INVALID
 DMKQGG040E DEV addr DOES NOT EXIST
 DMKQGG042E SPOOLID nnnn DOES NOT EXIST
 DMKQGG045E userid NOT LOGGED ON

DMKQGH013E CONFLICTING OPTION - option
 DMKQGH024E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID

DMKQGP003E INVALID OPTION - option
 DMKQGP023E VOLID MISSING OR INVALID
 DMKQGP040E DEV addr DOES NOT EXIST
 DMKQGP466I CTLR raddr IN BUFFER SLOWDOWN MODE

DMKQQQ006E INVALID DEVICE TYPE - addr
 DMKQQQ021E RADDR MISSING OR INVALID
 DMKQQQ022E VADDR MISSING OR INVALID
 DMKQQQ023E VOLID MISSING OR INVALID
 DMKQQQ040E DEV addr DOES NOT EXIST
 DMKQQQ045E userid NOT LOGGED ON
 DMKQQQ466I CTLR raddr IN BUFFER SLOWDOWN MODE

DMKQQR003E INVALID OPTION - option
 DMKQQR020E USERID MISSING OR INVALID
 DMKQQR026E OPERAND MISSING OR INVALID
 DMKQQR028E CLASS MISSING OR INVALID
 DMKQQR045E userid NOT LOGGED ON

DMKQSS002E INVALID OPERAND - operand
 DMKQSS003E INVALID OPTION - option

DMKQY020E USERID MISSING OR INVALID
 DMKQY026E OPERAND MISSING OR INVALID
 DMKQY045E userid NOT LOGGED ON

DMKCSB003E INVALID OPTION - option
 DMKCSB006E INVALID DEVICE TYPE - addr
 DMKCSB013E CONFLICTING OPTION - option
 DMKCSB021E RADDR MISSING OR INVALID
 DMKCSB022E VADDR MISSING OR INVALID
 DMKCSB026E OPERAND MISSING OR INVALID
 DMKCSB028E CLASS MISSING OR INVALID
 DMKCSB031E BUFFER MISSING OR INVALID [modifier]
 DMKCSB036E INDEX MISSING OR INVALID
 DMKCSB040E DEV addr DOES NOT EXIST
 DMKCSB043E BUFFER name DOES NOT EXIST
 DMKCSB046E {DEV rid|type raddr} OFFLINE
 DMKCSB140E type raddr ATTACHED TO userid
 DMKCSB142E type raddr NOT DRAINED

DMKCSB148E type raddr BUFFER LOAD name FAILED
DMKCSB158I UCS IMAGE NAME MISMATCH. IMAGE NAME LOADED IS xxxx

DMKCSO003E INVALID OPTION - option
DMKCSO006E INVALID DEVICE TYPE - addr
DMKCSO013E CONFLICTING OPTION - option
DMKCSO021E RADDR MISSING OR INVALID
DMKCSO024E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKCSO028E CLASS MISSING OR INVALID
DMKCSO030E COPIES MISSING OR INVALID
DMKCSO040E DEV addr DOES NOT EXIST
DMKCSO046E {DEV rid|type raddr} OFFLINE
DMKCSO140E type raddr ATTACHED TO userid
DMKCSO141E type raddr NOT ACTIVE
DMKCSO243E FLASH MISSING OR INVALID
DMKCSO244E IMAGE LIBRARY MISSING OR INVALID
DMKCSO245E CHARS MISSING OR INVALID
DMKCSO246E FCB MISSING OR INVALID
DMKCSO441E NOT ACCEPTED. PREVIOUS BACKSPACE STILL BEING PROCESSED

DMKCSP003E INVALID OPTION - option
DMKCSP006E INVALID DEVICE TYPE - addr
DMKCSP007E INVALID USERID - userid
DMKCSP013E CONFLICTING OPTION - option
DMKCSP020E USERID MISSING OR INVALID
DMKCSP022E VADDR MISSING OR INVALID
DMKCSP024E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKCSP026E OPERAND MISSING OR INVALID
DMKCSP028E CLASS MISSING OR INVALID
DMKCSP029E FNAME FTYPE MISSING OR INVALID
DMKCSP030E COPIES MISSING OR INVALID
DMKCSP032E DIST CODE MISSING OR INVALID
DMKCSP040E DEV addr DOES NOT EXIST
DMKCSP053E userid NOT IN CP DIRECTORY
DMKCSP243E FLASH MISSING OR INVALID
DMKCSP245E CHARS MISSING OR INVALID
DMKCSP246E FCB MISSING OR INVALID
DMKCSP253E MODIFY MISSING OR INVALID

DMKCSQ003E INVALID OPTION - option
DMKCSQ006E INVALID DEVICE TYPE - addr
DMKCSQ013E CONFLICTING OPTION - option
DMKCSQ022E VADDR MISSING OR INVALID
DMKCSQ024E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKCSQ029E FNAME FTYPE MISSING OR INVALID
DMKCSQ032E DIST CODE MISSING OR INVALID
DMKCSQ040E DEV addr DOES NOT EXIST

DMKCST003E INVALID OPTION - option
DMKCST006E INVALID DEVICE TYPE - addr
DMKCST016E TAG INVALID FOR SPECIFIED FILE TYPE
DMKCST022E VADDR MISSING OR INVALID
DMKCST026E OPERAND MISSING OR INVALID
DMKCST027E SPOOLID MISSING OR INVALID
DMKCST040E DEV addr DOES NOT EXIST
DMKCST042E SPOOLID nnnn DOES NOT EXIST
DMKCST424E RDR FILE SPOOL ERROR; FILE UNCHANGED

DMKCSU003E INVALID OPTION - option
DMKCSU006E INVALID DEVICE TYPE - addr
DMKCSU007E INVALID USERID - userid
DMKCSU008E INVALID SPOOLID -spoolid
DMKCSU013E CONFLICTING OPTION - option

```

DMKCSU020E USERID MISSING OR INVALID
DMKCSU024E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKCSU026E OPERAND MISSING OR INVALID
DMKCSU027E SPOOLID MISSING OR INVALID
DMKCSU028E CLASS MISSING OR INVALID
DMKCSU029E FNAME FTYPE MISSING OR INVALID
DMKCSU030E COPIES MISSING OR INVALID
DMKCSU032E DIST CODE MISSING OR INVALID
DMKCSU035E DEVICE TYPE MISSING OR INVALID
DMKCSU042E SPOOLID nnnn DOES NOT EXIST
DMKCSU053E userid NOT IN CP DIRECTORY
DMKCSU243E FLASH MISSING OR INVALID
DMKCSU245E CHARS MISSING OR INVALID
DMKCSU246E FCB MISSING OR INVALID
DMKCSU253E MODIFY MISSING OR INVALID

DMKCSV003E INVALID OPTION - option
DMKCSV006E INVALID DEVICE TYPE - addr
DMKCSV008E INVALID SPOOLID - spoolid
DMKCSV013E CONFLICTING OPTION - option
DMKCSV024E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKCSV026E OPERAND MISSING OR INVALID
DMKCSV027E SPOOLID MISSING OR INVALID
DMKCSV028E CLASS MISSING OR INVALID
DMKCSV035E DEVICE TYPE MISSING OR INVALID
DMKCSV042E SPOOLID nnn DOES NOT EXIST

DMKDAD500I type 'addr' 'devname' CMD REJECT CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
DMKDAD501A type 'addr' 'devname' INT REQ CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
DMKDAD502I type 'addr' 'devname' BUSOUT CK CMD='CM' SNS='SENSE' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
DMKDAD503I type 'addr' 'devname' EQUIP CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
DMKDAD504I type 'addr' 'devname' DATA CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
DMKDAD505I type 'addr' 'devname' OVERRUN CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
DMKDAD506I DAD 'addr' 'devname' TRKCOND CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid' BBCCHH='bbcchh'
DMKDAD508I {DAD|RDR|PRT|PUN} 'addr' 'devname' PERM ERROR CMD='cm' SNS='sense'
CSW='csw' USERID='userid' [BBCCHH='bbcchh']
DMKDAD513I {DAD|TAPE} 'addr' 'devname' FILE PROT CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
DMKDAD516I type 'addr' 'devname' BAD SENSE CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
DMKDAD517I {LINE|TAPE} 'addr' 'devname' NOT/KNOWN CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKDAD518I {DAD|TAPE} 'addr' 'devname' RECV ERROR CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
DMKDAD520I type 'addr' 'devname' CHAN ERROR CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
DMKDAD536I cuu 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc; NOTIFY CE
DMKDAD538I type 'addr' 'devname' PROG ERROR CMD='cmd' SNS='sense' CSW='csw'
USERID='userid'
DMKDAD956A DAD raddr VOLID volid NOT MOUNTED; NOW OFFLINE

DMKDAS320E SUBSYSTEM PROCESSING ERROR - FAULT CODE=code - raddr
DMKDAS321E SUBSYSTEM STORAGE EQUIPMENT CHECK - FAULT CODE=code - raddr
DMKDAS322E SUBSYSTEM STORAGE AVAILABILITY THRESHOLD CROSSED - raddr
DMKDAS323E SUBSYSTEM STORAGE IS UNUSABLE - FAULT CODE=code - raddr
DMKDAS324E SUBSYSTEM MUST BE INITIALIZED - FAULT CODE=code - raddr
DMKDAS325E STORAGE DIRECTOR COMMUNICATION FAILURE - FAULT CODE=code - raddr

```

DMKDAS326E TRACK FORMAT NOT SUPPORTED FOR PAGING DEVICE raddr - raddr
 DMKDAS327A addr INTERVENTION REQUIRED - SET READ, R/W SWITCH TO R/W.
 DMKDAS500I type 'addr' 'devname' CMD REJECT CMD='cm' SNS='sense' CSW='csw'
 USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
 DMKDAS501A type 'addr' 'devname' INT REQ CMD='cm' SNS='sense' CSW='csw'
 USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
 DMKDAS502I type 'addr' 'devname' BUSOUT CK CMD='CM' SNS='SENSE' CSW='csw'
 USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
 DMKDAS503I type 'addr' 'devname' EQUIP CK CMD='cm' SNS='sense' CSW='csw'
 USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
 DMKDAS504I type 'addr' 'devname' DATA CK CMD='cm' SNS='sense' CSW='csw'
 USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
 DMKDAS505I type 'addr' 'devname' OVERRUN CK CMD='cm' SNS='sense' CSW='csw'
 USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
 DMKDAS507D DASE raddr devname SEEK CK CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKDAS520I type 'addr' 'devname' CHAN ERROR CMD='cm' SNS='sense' CSW='csw'
 USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
 DMKDAS536I cuu 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc; NOTIFY CE
 DMKDAS956A DASE raddr VOLID volid NOT MOUNTED; NOW OFFLINE

 DMKDAU533I DASE 'addr' CHECK DATA CMD='cm' SNS='sense' CSW='csw' USERID='userid'
 BLOCK='nnnnnn'
 DMKDAU534I DASE 'addr' BKSIZ EX CMD='cm' SNS='sense' CSW='csw' USERID='userid'
 BLOCK='nnnnnn'
 DMKDAU535I DASE 'addr' WRT INHIBT CMD='cm' SNS='sense' CSW='csw' USERID='userid'
 BLOCK='nnnnnn'
 DMKDAU536I cuu 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc; NOTIFY CE

 DMKDDR038E PARAMETER parameter FOR option OPTION MISSING OR INVALID
 DMKDDR536I raddr 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc; NOTIFY CE
 DMKDDR700E INPUT UNIT IS NOT A CPVOL
 DMKDDR701E INVALID OPERAND
 DMKDDR702E CONTROL STATEMENT SEQUENCE ERROR
 DMKDDR703E OPERAND MISSING
 DMKDDR704E DEV raddr NOT OPERATIONAL
 DMKDDR705E IO ERROR raddr CSW='csw' SENSE='sense' INPUT={'bbcchh'|'nnnnnn'}
 OUTPUT='bbcchh' CCW='ccw'
 DMKDDR707E MACHINE CHECK RUN SEREP AND SAVE OUTPUT FOR CE
 DMKDDR708E INVALID INPUT OR OUTPUT DEFINITION
 DMKDDR709E WRONG INPUT TAPE MOUNTED
 DMKDDR710A DEV raddr INTERVENTION REQUIRED
 DMKDDR711R VOLID READ IS volid2 [NOT volid1] DO YOU WISH TO CONTINUE?
 RESPOND YES NO OR REREAD:
 DMKDDR712E NUMBER OF EXTENTS EXCEEDS 20
 DMKDDR713E OVERLAPPING OR INVALID EXTENTS
 DMKDDR714E RECORD {bbcchh|nnnnnn} NOT FOUND ON TAPE
 DMKDDR715E LOCATION bbcchh IS A FLAGGED TRACK
 DMKDDR716R NO VOL1 LABEL FOUND [FOR volser] DO YOU WISH TO CONTINUE?
 RESPOND YES OR NO OR REREAD:
 DMKDDR717R DATA DUMPED FROM volid1 TO BE RESTORED TO volid2. DO YOU WISH TO CONTINUE?
 RESPOND YES NO OR REREAD:
 DMKDDR718E OUTPUT UNIT IS FILE PROTECTED
 DMKDDR719E INVALID FILE NAME OR FILE NOT FOUND
 DMKDDR720E ERROR IN {routine/nnnnnn}
 DMKDDR721E RECORD {cchhr/nnnnnn} NOT FOUND
 DMKDDR721E RECORD {cchhr|nnnnnn} NOT FOUND
 DMKDDR722E OUTPUT UNIT NOT PROPERLY FORMATTED FOR THE CP NUCLEUS
 DMKDDR723E NO VALID CP NUCLEUS ON THE INPUT UNIT
 DMKDDR724E INPUT TAPE CONTAINS A CP NUCLEUS DUMP

DMKDDR725R ORIGINAL INPUT DEVICE WAS (IS) LARGER THAN OUTPUT DEVICE.
 DO YOU WISH TO CONTINUE? RESPOND YES OR NO:
 DMKDDR726E MOVING DATA INTO THE ALTERNATE TRACK CYLINDER(S) IS PROHIBITED
 DMKDDR727E FLAGGED TRK xxxxxxxxxxxx HAS NO PROPER ALTERNATE; SKIPPING THIS TRK
 DMKDDR728E DECODE ERROR ENCOUNTERED: xx
 DMKDDR729I FULL TRACK READ FEATURE NOT AVAILABLE
 DMKDDR731I COMPACT OPTION IS IGNORED
 DMKDDR756E PROGRAM CHECK PSW = psw

DMKDEF003E INVALID OPTION - option
 DMKDEF011E INVALID DEVICE TYPE - userid vaddr
 DMKDEF022E VADDR MISSING OR INVALID
 DMKDEF024E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
 DMKDEF025E STORAGE MISSING OR INVALID
 DMKDEF026E OPERAND MISSING OR INVALID
 DMKDEF040E DEV addr DOES NOT EXIST
 DMKDEF091E DASD vaddr NOT DEFINED; TEMP SPACE NOT AVAILABLE
 DMKDEF092E DEV vaddr NOT DEFINED; type vaddr ALREADY DEFINED
 DMKDEF094E STORAGE EXCEEDS ALLOWED MAXIMUM
 DMKDEF095E DEV vaddr NOT DEFINED; INSUFFICIENT FREE STORAGE
 DMKDEF096E DEVICE vaddr NOT DEFINED; DEVICE TYPE NOT ALLOWED
 DMKDEF136E DEVICE vaddr NOT {DEFINED|VARIED}; CHANNEL XX DEDICATED
 DMKDEF153E DEVICE vaddr EXCEEDED MAX NUMBER OF VIRTUAL DEVICES
 DMKDEF293E CMD REJECTED; vaddr VIOLATES PMA RESTRICTION

DMKDEG025E STORAGE MISSING OR INVALID
 DMKDEG026E OPERAND MISSING OR INVALID
 DMKDEG094E STORAGE EXCEEDS ALLOWED MAXIMUM

DMKDEI009E INVALID RANGE - range
 DMKDEI021E RADDR MISSING OR INVALID
 DMKDEI026E OPERAND MISSING OR INVALID
 DMKDEI046E {DEV rid|type raddr} OFFLINE
 DMKDEI075E DEVICE 'raddr' IS NOT AVAILABLE
 DMKDEI143E type raddr IN USE BY SYSTEM
 DMKDEI274E raddr HAS A MOUNTED VOLUME. MSS ID NOT AVAILABLE TO DEMOUNT IT
 DMKDEI275E raddr ALREADY SYSVRT
 DMKDEI276E raddr NOT 3330V
 DMKDEI277E raddr ERROR DEMOUNTING VOLUME
 DMKDEI278E DEVICE NOT A DASD
 DMKDEI279E DASD NOT VUA
 DMKDEI280E raddr ALREADY VIRTUAL

DMKDIA011E INVALID DEVICE TYPE - userid vaddr
 DMKDIA017E INSUFFICIENT SCREEN SPACE - CLEAR SCREEN AND REDIAL
 DMKDIA020E USERID MISSING OR INVALID
 DMKDIA022E VADDR MISSING OR INVALID
 DMKDIA040E DEV addr DOES NOT EXIST
 DMKDIA045E userid NOT LOGGED ON
 DMKDIA047E userid vaddr DOES NOT EXIST
 DMKDIA055E LINE(S) NOT AVAILABLE ON userid
 DMKDIA056E LINE vaddr BUSY ON userid
 DMKDIA098E DEV rid MODE SWITCH NOT POSSIBLE
 DMKDIA199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DMKDIA206E CANNOT CONNECT TO HOST VIRTUAL MACHINE
 DMKDIA707A DIAL FUNCTION NOT AVAILABLE

DMKDIB006E INVALID DEVICE TYPE - vaddr
 DMKDIB011E INVALID DEVICE TYPE - userid vaddr
 DMKDIB020E USERID MISSING OR INVALID
 DMKDIB022E VADDR MISSING OR INVALID
 DMKDIB040E DEV addr DOES NOT EXIST
 DMKDIB045E userid NOT LOGGED ON

DMKDIB047E userid vaddr DOES NOT EXIST
 DMKDIB058E CTC vaddr BUSY ON userid

 DMKDDID546I INTERRUPTION {CLEARED|PENDING} {DEVICE|CONTROL UNIT} raddr CSW csw USERID id

 DMKDIR536I raddr 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc; NOTIFY CE
 DMKDIR751E INVALID OPERAND - operand
 DMKDIR752E STATEMENT SEQUENCE ERROR FOLLOWING USER user
 DMKDIR753E OPERAND MISSING
 DMKDIR754E DEV raddr NOT OPERATIONAL
 DMKDIR755E IO ERROR raddr CSW='csw' SENSE='sense'
 DMKDIR756E PROGRAM CHECK PSW = psw
 DMKDIR757E MACHINE CHECK
 DMKDIR758E DUPLICATE UNIT DEFINITION
 DMKDIR760E NOT ENOUGH SPACE ALLOCATED FOR DIRECTORY
 DMKDIR761E VOLID READ IS valid1 NOT valid2 (ON cuu)
 DMKDIR762E DIRECTORY STATEMENT MISSING
 DMKDIR763E INVALID FILENAME OR FILE NOT FOUND
 DMKDIR764E ERROR IN routine

 DMKDMP536I raddr devname REPORTS DISABLED INTERFACE; FAULT CODE = cccc; NOTIFY CE
 DMKDMP905W SYSTEM DUMP FAILURE; PROGRAM CHECK
 DMKDMP906W SYSTEM DUMP FAILURE; MACHINE CHECK
 DMKDMP907W SYSTEM DUMP FAILURE; FATAL I/O ERROR
 DMKDMP908I SYSTEM FAILURE; CODE - code; PROCESSOR nn
 DMKDMP909W SYSTEM DUMP DEVICE NOT-READY
 DMKDMP913I CP OWNED VOLID xxxxxx INVALID FOR 3330V
 DMKDMP918I SYSTEM DUMP FAILURE; STATUS NOT STORED FOR NON-ABENDING PROCESSOR

 DMKDRD925I SYSTEM AUTO DUMP REALLOCATED TO DASD raddr

 DMKDSB956A DASD raddr VOLID valid NOT MOUNTED; NOW OFFLINE

 DMKDSP450W CP ENTERED; DISABLED WAIT PSW 'psw'
 DMKDSP452W CP ENTERED; EXTERNAL INTERRUPT LOOP

 DMKFMT536I raddr devname REPORTS DISABLED INTERFACE; FAULT CODE = cccc; NOTIFY CE
 DMKFMT730E DEV raddr NOT OPERATIONAL OR NOT READY
 DMKFMT732E MACHINE CHECK
 DMKFMT733E VOLID READ IS valid1 NOT valid2
 DMKFMT734E TYPE OR {CYL|PAG} INVALID
 DMKFMT735E FATAL DASD IO ERROR
 DMKFMT736E IO ERROR raddr {CCHHR=cchhr|BLOCK=nnnnnn} SENSE='sense'
 DMKFMT737E INVALID OPERAND
 DMKFMT738A DEV raddr INTERVENTION REQUIRED
 DMKFMT739E FLAGGED PRIMARY TRACK HAS NO ALTERNATE ASSIGNED; IO ERROR FOLLOWS
 DMKFMT740E PACK MOUNTED IS 3340-35, NOT 3340-70. MOUNT ANOTHER OR RESPECIFY
 DMKFMT741E DEVICE raddr IS zzzz NOT xxxx-nn AS SPECIFIED.
 RESPECIFY OR NOTIFY SYSTEM SUPPORT
 DMKFMT756E PROGRAM CHECK PSW = psw

 DMKGRF457E TERMINAL SCRNSAVE UNSUCCESSFUL
 DMKGRF500I type 'addr' 'devname' CMD REJECT CMD='cm' SNS='sense' CSW='csw'
 USERID='userid' [BCCCHH='bbcchh'|BLOCK='nnnnnn']
 DMKGRF502I type 'addr' 'devname' BUSOUT CK CMD='CM' SNS='SENSE' CSW='csw'
 USERID='userid' [BCCCHH='bbcchh'|BLOCK='nnnnnn']
 DMKGRF503I type 'addr' 'devname' EQUIP CK CMD='cm' SNS='sense' CSW='csw'
 USERID='userid' [BCCCHH='bbcchh'|BLOCK='nnnnnn']
 DMKGRF504I type 'addr' 'devname' DATA CK CMD='cm' SNS='sense' CSW='csw'
 USERID='userid' [BCCCHH='bbcchh'|BLOCK='nnnnnn']
 DMKGRF521I type 'addr' 'devname' NO DEVICE CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'

DMKGRF525I {GRAF|RDR|PRT|PUN} 'addr' 'devname' FORMAT CK CMD='cm' SNS='sense'
 USERID='userid'
 DMKGRF529I {GRAF|RDR|PRT|PUN} 'addr' 'devname' PARITY CK CMD='cm' SNS='sense'
 CSW='csw' USERID='userid'
 DMKGRF530I GRAF 'addr' 'devname' UNIT SPEC CMD='cm' SNS='sense' USERID='userid'
 DMKGRF531I GRAF 'addr' 'devname' CNTRL CHECK CMD='cm' SNS='sense' USERID='userid'
 DMKGRF532I GRAF 'addr' 'devname' OP CHECK CMD='cm' SNS='sense' USERID='userid'

 DMKIOB724I {AP|MP} RIOBLOCKS REQUESTED IN UNIPROCESSOR DUMP

 DMKIOF550E ERROR RECORDING AREA 90 PERCENT FULL; RUN CPERP

 DMKIOG551E ERROR RECORDING AREA FULL; RUN CPERP.
 DMKIOG552I FORMATTING ERROR RECORDING AREA
 DMKIOG553I ERROR RECORDING AREA CLEARED; USER 'userid'
 DMKIOG558I UNRECOVERABLE I/O ERROR; ERROR RECORDING DISABLED

 DMKIOH559W SRF vaddr NOT ACCESSIBLE; FRAMES NOT ON ERROR CYLINDERS
 DMKIOH560W ERRORS ON SRF vaddr: FRAMES NOT ON ERROR CYLINDERS
 DMKIOH561W MORE THAN 50 MCH OR CCH FRAMES WERE READ FROM SRF vaddr

 DMKJRL145I USERID: userid AT term-raddr WITH INVALID {LINK|LOGON} PASSWORD NO.
 xxx HAS VIOLATED THE LIMIT OF yyy [,A=userid]

 DMKLD0923I FAILING STORAGE FRAME AT LOCATION rstor
 DMKLD0924I xxxx ADDITIONAL FAILING STORAGE FRAMES EXIST

 DMKLNK011E INVALID DEVICE TYPE - userid vaddr
 DMKLNK020E USERID MISSING OR INVALID
 DMKLNK022E VADDR MISSING OR INVALID
 DMKLNK052E ERROR IN CP DIRECTORY
 DMKLNK053E userid NOT IN CP DIRECTORY
 DMKLNK101W DASD vaddr FORCED R/O; R/O BY {nnn USERS|userid}
 DMKLNK102W DASD vaddr FORCED R/O; R/W BY {nnn USERS|userid}
 DMKLNK103W DASD vaddr FORCED R/O; R/W BY {nnn USERS|userid}; R/O BY {nnn USERS|userid}
 DMKLNK104E userid vaddr NOT LINKED; R/O BY {nnn USERS|userid}
 DMKLNK105E userid vaddr NOT LINKED; R/W BY {nnn USERS|userid}
 DMKLNK106E userid vaddr NOT LINKED; R/W BY nnn USERS; R/O BY {nnn USERS|userid}
 DMKLNK107E userid vaddr NOT LINKED; NOT IN CP DIRECTORY
 DMKLNK108E userid vaddr NOT LINKED; VOLID volid NOT MOUNTED
 DMKLNK109E userid vaddr NOT LINKED; INVALID LINK DEVICE
 DMKLNK110E userid vaddr NOT LINKED; type vaddr ALREADY DEFINED
 DMKLNK111E userid vaddr NOT LINKED; NO READ PASSWORD
 DMKLNK112E userid vaddr NOT LINKED; NO WRITE PASSWORD
 DMKLNK113E userid vaddr NOT LINKED; NO MULT PASSWORD
 DMKLNK114E userid vaddr NOT LINKED; MODE OR PASSWORD INCORRECT
 DMKLNK115E LINK INVALID; EXCESSIVE INCORRECT PASSWORDS
 DMKLNK116E USERID xxx NOT LINKED; CP DIRECTORY IN USE
 DMKLNK117E USERID userid NOT LINKED; VOLID volid CONFLICT
 DMKLNK118E userid vaddr NOT LINKED; COMMAND FORMAT NOT VALID
 DMKLNK119E USERID vaddr NOT LINKED; INSUFFICIENT FREE STORAGE
 DMKLNK137E DASD vaddr NOT LINKED; CHAN x DEDICATED
 DMKLNK199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DMKLNK293E CMD REJECTED; cuu VIOLATES PMA RESTRICTION

 DMKLOG003E INVALID OPTION - option
 DMKLOG011E INVALID DEVICE TYPE - userid vaddr
 DMKLOG020E USERID MISSING OR INVALID
 DMKLOG050E PASSWORD INCORRECT. REINITIATE LOGON PROCEDURE
 DMKLOG051E MAXIMUM USERS EXCEEDED
 DMKLOG052E ERROR IN CP DIRECTORY
 DMKLOG053E userid NOT IN CP DIRECTORY
 DMKLOG054E ALREADY LOGGED ON {LINE|GRAF|LUNAME} raddr
 DMKLOG067E COMMAND FORMAT NOT VALID

DMKLOG069I INCOMPLETE RECOVERY; 'SYSTEM RESTART' OR 'BEGIN'
 DMKLOG080E NO PREALLOCATED VMSAVE AREA
 DMKLOG081W VMSAVE AREA CONTAINS A SAVED SYSTEM, MUST USE SET COMMAND
 DMKLOG082E MORE THAN ONE VMSAVE AREA ALLOCATED, MUST SPECIFY AREA NAME
 DMKLOG090E DEV vaddr NOT DEFINED; DEV {raddr|volser} NOT AVAILABLE
 DMKLOG091E DASD vaddr NOT DEFINED; TEMP SPACE NOT AVAILABLE
 DMKLOG092E DEV vaddr NOT DEFINED; type vaddr ALREADY DEFINED
 DMKLOG093E DEV vaddr NOT DEFINED; ERROR IN CP DIRECTORY
 DMKLOG095E DEV vaddr NOT DEFINED; INSUFFICIENT FREE STORAGE
 DMKLOG131E INSUFFICIENT FREE STORAGE AVAILABLE FOR {ATTACH|LOGON} REQUEST
 DMKLOG156E raddr1 raddr2 raddr3 SUBSYSTEM DEVICES NOT AVAILABLE
 DMKLOG188E SPECIFIED PROCESSOR UNAVAILABLE
 DMKLOG189E AFFINITY NOT SET; SYSTEM IN UNIPROCESSOR MODE
 DMKLOG206E CANNOT CONNECT TO HOST VIRTUAL MACHINE
 DMKLOG250E 370E IS NOT AVAILABLE (ON PROC xx)
 DMKLOG251E 370E IS NOT ACTIVE
 DMKLOG268E XMEM FEATURE NOT AVAILABLE
 DMKLOG269E XMEM FEATURE NOT ACTIVE

DMKLOH011E INVALID DEVICE TYPE - userid vaddr
 DMKLOH196E SECONDARY USER NOT IN CP DIRECTORY

DMKMCC002E INVALID OPERAND - operand
 DMKMCC003E INVALID OPTION - option
 DMKMCC006E INVALID DEVICE TYPE - addr
 DMKMCC021E RADDR MISSING OR INVALID
 DMKMCC026E OPERAND MISSING OR INVALID
 DMKMCC040E DEV addr DOES NOT EXIST
 DMKMCC046E {DEV rid|type raddr} OFFLINE
 DMKMCC140E type raddr ATTACHED TO userid
 DMKMCC143E type raddr IN USE BY SYSTEM
 DMKMCC199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DMKMCC210E SWAPAGE CLASS IS DEPENDENT ON SWAP
 DMKMCC211E MONITOR TAPE IS ALREADY ACTIVE
 DMKMCC213E MONITOR CPTRACE IS ALREADY ACTIVE
 DMKMCC215E MONITOR ACTIVE; DASTAP CANNOT BE ENABLED DYNAMICALLY
 DMKMCC216E SYSPROF CLASS IS DEPENDENT ON SCHEDULE AND DASTAP
 DMKMCC217E MONITOR TAPE NOT STARTED, NO CLASS ENABLED
 DMKMCC221E MONITOR TO SPOOL IS ALREADY ACTIVE

DMKMCD002E INVALID OPERAND - operand
 DMKMCD021E RADDR MISSING OR INVALID
 DMKMCD026E OPERAND MISSING OR INVALID
 DMKMCD040E DEV addr DOES NOT EXIST
 DMKMCD212E MONITOR TAPE IS NOT ACTIVE
 DMKMCD214E MONITOR CPTRACE IS NOT ACTIVE
 DMKMCD218E MONITOR NOT STOPPED, OUTSTANDING I/O
 DMKMCD222E TIME PARAMETER SPECIFIES INVALID TIME
 DMKMCD223E START TIME MUST PRECEDE STOP TIME
 DMKMCD224E LIMIT MUST BE BETWEEN 10 and 50000
 DMKMCD226E FOR VALUE MIDNIGHT - COMMAND INVALID
 DMKMCD227E FOR OPTION INVALID WITH AUTODISK OFF
 DMKMCD228E FOR OPTION INVALID WITH MONITOR ON

DMKMCH290E PMA GUEST GIVEN CONTROL DUE TO CODE cde CP DISABLED WAIT
 DMKMCH609W MACHINE CHECK; PROCESSOR CONTROLLER DAMAGE cpuid
 DMKMCH610W MACHINE CHECK; SUPERVISOR DAMAGE cpuid
 DMKMCH611W MACHINE CHECK; SYSTEM INTEGRITY LOST cpuid
 DMKMCH612W MACHINE CHECK; TIMING FACILITIES DAMAGE
 DMKMCH613I SOFT MACHINE CHECK RECORDING DISABLED cpuid
 DMKMCH614I MACHINE CHECK; DAMAGED PAGE NOW DELETED cpuid
 DMKMCH615I MACHINE CHECK RECORDING FAILURE cpuid
 DMKMCH616I MACHINE CHECK; USER userid TERMINATED cpuid

DMKMCH617I MACHINE CHECK; BUFFER OR DLAT DAMAGE cpuid
 DMKMCH619I MACHINE CHECK; OPERATION TERMINATED cpuid
 DMKMCH622W MACHINE CHECK; MULTIPLE CHANNEL ERRORS
 DMKMCH624I MACHINE CHECK; EXTERNAL DAMAGE
 DMKMCH627I MACHINE CHECK; STORAGE DEGRADATION FOR userid
 DMKMCH628I DEGRADATION; CP WILL TRY RECOVERY IN 1 MINUTE
 DMKMCH629I SOFT MACHINE CHECK REPORTING NOW ENABLED
 DMKMCH633W MACHINE CHECK; SYSTEM DAMAGE IMMINENT
 DMKMCH634I MACHINE CHECK; DELAYED ACCESS EXCEPTION nn
 DMKMCH635I MACHINE CHECK; PAGING STORAGE CONTROL FAILURE nn

 DMKMCI003E INVALID OPTION - option
 DMKMCI026E OPERAND MISSING OR INVALID
 DMKMCI618I {INSTRUCTION RETRY|MAIN STORAGE} NOW IN {RECORD|QUIET} MODE cpuid

 DMKMCT290E PMA GUEST GIVEN CONTROL DUE TO CODE cde CP DISABLED WAIT
 DMKMCT610W MACHINE CHECK; SUPERVISOR DAMAGE cpuid
 DMKMCT611W MACHINE CHECK; SYSTEM INTEGRITY LOST cpuid
 DMKMCT612W MACHINE CHECK; TIMING FACILITIES DAMAGE
 DMKMCT616I MACHINE CHECK; USER userid TERMINATED cpuid
 DMKMCT619I MACHINE CHECK; OPERATION TERMINATED cpuid
 DMKMCT620I MACHINE CHECK; ATTACHED PROCESSOR NOT BEING USED
 DMKMCT621I MACHINE CHECK; AFFINITY SET OFF
 DMKMCT623I CHANNEL SET CONNECTED TO ATTACHED PROCESSOR nn
 DMKMCT625I ALTERNATE PROCESSOR RECOVERY SUCCESSFUL; PROCESSOR nn OFFLINE
 DMKMCT626E CONSOLE FUNCTION MODE ENTERED; REQUIRED PROCESSOR NOW OFFLINE

 DMKMIA229E MONITOR OUT OF DASD PAGES, IS SHUTTING OFF

 DMKMID310E DATE date INVALID; NOT CHANGED

 DMKMNI002E INVALID OPERAND - operand
 DMKMNI225E INVALID MONITOR USERID SPECIFIED, MON NOT ENABLED

 DMKMON219I END OF MONITOR TAPE, MONITOR STOPPED BY SYSTEM
 DMKMON220I ERROR ON MONITOR TAPE, MONITOR STOPPED BY SYSTEM

 DMKMSG003E INVALID OPTION - option
 DMKMSG020E USERID MISSING OR INVALID
 DMKMSG045E userid NOT LOGGED ON
 DMKMSG057W userid NOT RECEIVING; {DISCONNECTED|MSG OFF|MSG OFF|NOT AUTHORIZED|
 WNG OFF|VMCF/IUCV ERROR nnn}

 DMKNEA002E INVALID OPERAND - operand
 DMKNEA006E INVALID DEVICE TYPE - addr
 DMKNEA020E USERID MISSING OR INVALID
 DMKNEA026E OPERAND MISSING OR INVALID
 DMKNEA040E DEV addr DOES NOT EXIST
 DMKNEA046E {DEV rid|type raddr} OFFLINE
 DMKNEA120E rid|type raddr NOT ATTACHED; userid vaddr ALREADY DEFINED
 DMKNEA121E rid|type raddr NOT ATTACHED TO userid
 DMKNEA122E rid|type raddr ALREADY ATTACHED TO userid
 DMKNEA140E type raddr ATTACHED TO userid
 DMKNEA157E CLUSTER=parm MISSING FORM RDEVICE MACRO - DEV raddr
 DMKNEA208E PRT rid NOT ENABLED

 DMKNES002E INVALID OPERAND - operand
 DMKNES004E INVALID HEXLOC - hexloc
 DMKNES006E INVALID DEVICE TYPE - addr
 DMKNES009E INVALID RANGE - range
 DMKNES021E RADDR MISSING OR INVALID
 DMKNES026E OPERAND MISSING OR INVALID
 DMKNES040E DEV addr DOES NOT EXIST
 DMKNES046E {DEV rid|type raddr} OFFLINE

DMKNES049E LINE addr IN USE
DMKNES098E DEV rid MODE SWITCH NOT POSSIBLE
DMKNES140E type raddr ATTACHED TO userid
DMKNES160E HEXLOC hexloc EXCEEDS STORAGE
DMKNES175E {FAVORED|RESERVE|name} ALREADY IN USE BY userid
DMKNES199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
DMKNES706E LINE addr NOT ENABLED

DMKNET002E INVALID OPERAND - operand
DMKNET003E INVALID OPTION - option
DMKNET004E INVALID HEXLOC - hexloc
DMKNET006E INVALID DEVICE TYPE - addr
DMKNET009E INVALID RANGE - range
DMKNET021E RADDR MISSING OR INVALID
DMKNET026E OPERAND MISSING OR INVALID
DMKNET033E HEXLOC MISSING OR INVALID
DMKNET040E DEV addr DOES NOT EXIST
DMKNET046E {DEV rid|type raddr} OFFLINE
DMKNET049E LINE addr IN USE
DMKNET098E DEV rid MODE SWITCH NOT POSSIBLE
DMKNET140E type raddr ATTACHED TO userid
DMKNET160E HEXLOC hexloc EXCEEDS STORAGE
DMKNET199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE

DMKNLD002E INVALID OPERAND - operand
DMKNLD006E INVALID DEVICE TYPE - addr
DMKNLD021E RADDR MISSING OR INVALID
DMKNLD026E OPERAND MISSING OR INVALID
DMKNLD040E DEV addr DOES NOT EXIST
DMKNLD044E SYSTEM name DOES NOT EXIST
DMKNLD046E {DEV rid|type raddr} OFFLINE
DMKNLD140E type raddr ATTACHED TO userid
DMKNLD143E type raddr IN USE BY SYSTEM
DMKNLD170E SYSTEM name EXCEEDS STORAGE
DMKNLD171E SYSTEM name VOLID volid NOT MOUNTED
DMKNLD199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
DMKNLD460E CTLR raddr {LOAD|DUMP} FAILED: PROGRAM CHECK
DMKNLD461R CTLR raddr IPL NOT REQUIRED; ENTER 'YES' TO CONTINUE
DMKNLD470E CTLR raddr {LOAD|DUMP} FAILED: PAGING I/O ERROR
DMKNLD471E CTLR raddr LOAD FAILED: UNRECOVERABLE I/O ERROR

DMKNLE003E INVALID OPTION - option
DMKNLE006E INVALID DEVICE TYPE - addr
DMKNLE021E RADDR MISSING OR INVALID
DMKNLE040E DEV addr DOES NOT EXIST
DMKNLE046E {DEV rid|type raddr} OFFLINE
DMKNLE140E type raddr ATTACHED TO userid
DMKNLE143E type raddr IN USE BY SYSTEM
DMKNLE199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
DMKNLE460E CTLR raddr {LOAD|DUMP} FAILED: PROGRAM CHECK
DMKNLE461R CTLR raddr IPL NOT REQUIRED; ENTER "YES" TO CONTINUE
DMKNLE464I CTLR raddr CC=3; DEPRESS 370X "LOAD" BUTTON
DMKNLE469E CTLR raddr {LOAD|DUMP} FAILED: TEMP SPACE NOT AVAILABLE
DMKNLE470E CTLR raddr {LOAD|DUMP} FAILED: PAGING I/O ERROR
DMKNLE471E CTLR raddr DUMP FAILED: UNRECOVERABLE I/O ERROR

DMKNMT247I 3800 NAMED SYSTEM imag3800 CREATED
DMKNMT248E SPECIFIED IMAGE imag NON-EXISTENT
DMKNMT249E ERROR LOADING IMAG imag
DMKNMT254E ERROR SAVING imag3800 - RC = (rc)
DMKNMT256E INSUFFICIENT VIRTUAL STORAGE
DMKNMT257E RESIDUAL BYTE COUNT = nnnnnnnn (HEX)

DMKPAH415E CONTINUOUS PAGING ERRORS FROM DASD xxx

DMKPEI002E INVALID OPERAND - operand
DMKPEI003E INVALID OPTION - option
DMKPEI010E INVALID REGISTER - register
DMKPEI026E OPERAND MISSING OR INVALID
DMKPEI047E {userid {vaddr|segname}|THE CURRENT TRACESET|THE TRACESET
traceset|A SAVED TRACESET} DOES NOT EXIST
DMKPEI312E MORE THAN {8 RANGES|1 PASS|1 STEP} SPECIFIED ON A COMMAND LINE

DMKPELO13E CONFLICTING OPTION - {option|option1 AND option2}
DMKPELO13W CONFLICTING OPTION - {NORUN CONFLICTS WITH PRINTER|PRINTER CONFLICTS
WITH NORUN|STEP CONFLICTS WITH PRINTER|PRINTER CONFLICTS WITH
STEP} - {"BOTH"|"RUN"} OPTION FORCED
DMKPELO47E {userid {vaddr|segname}|THE CURRENT TRACESET|THE TRACESET
traceset|A SAVED TRACESET} DOES NOT EXIST
DMKPEL311E MAXIMUM NUMBER OF TRACE ELEMENTS EXCEEDED

DMKPEN002E INVALID OPERAND - operand
DMKPEN003E INVALID OPTION - option
DMKPEN026E OPERAND MISSING OR INVALID
DMKPEN047E {userid {vaddr|segname}|THE CURRENT TRACESET|THE TRACESET
traceset|A SAVED TRACESET} DOES NOT EXIST
DMKPEN180E PER TRACE NOT IN EFFECT
DMKPEN311E MAXIMUM NUMBER OF TRACE ELEMENTS EXCEEDED

DMKPEQ003E INVALID OPTION - option
DMKPEQ047E {userid {vaddr|segname}|THE CURRENT TRACESET|THE TRACESET
traceset|A SAVED TRACESET} DOES NOT EXIST
DMKPEQ180E PER TRACE NOT IN EFFECT

DMKPER174E PAGING ERROR - {I/O|ADDRESS EXCEPTION}: {COMMAND TERMINATED,
IPL FAILED}
DMKPER182I PER TRACE IS ACTIVE
DMKPER313E PER FAILURE - CODE n
DMKPER314W PER FAILURE - CODE n USERID = userid

DMKPET003E INVALID OPTION - option
DMKPET061E {DUMP FAILED;} VIRTUAL PRINTER ERROR
DMKPET180E PER TRACE NOT IN EFFECT
DMKPET313E PER FAILURE - CODE n
DMKPET314W PER FAILURE - CODE n USERID = userid

DMKPGT400I SYSTEM {TEMP SPACE|CHECKPOINT AREA} FULL
DMKPGT401I SYSTEM {TEMP SPACE|CHECKPOINT AREA} 90 PERCENT FULL

DMKPRG411W CP ENTERED; TRANSLATION EXCEPTION WHILE IN NON-EC MODE
DMKPRG453W CP ENTERED; PROGRAM INTERRUPT LOOP

DMKPST442I PAGING STORAGE FOR [SWAPPING|PAGING]=nnK PAGES; mm% ARE NOT USABLE
DMKPST443I PAGING STORAGE INCREMENT nn IS NOT USABLE
DMKPST444I nn ADDITIONAL PAGING STORAGE INCREMENTS ARE NOT USABLE

DMKPTR410W CP ENTERED; PAGING ERROR

DMKQCN150A USER userid HAS ISSUED A {CP|VM} READ

DMKQVM020E USERID MISSING OR INVALID
DMKQVM800E COMMAND REJECTED, OTHER VIRTUAL MACHINES LOGGED ON
DMKQVM801E FREE STORAGE PAGE IS NOT AVAILABLE
DMKQVM802E COMMAND REJECTED, DEVICES NOT DEDICATED
DMKQVM803E COMMAND REJECTED, SPOOL DEVICES NOT DRAINED
DMKQVM806E COMMAND REJECTED, VIRTUAL ADDRESS NOT EQUAL TO REAL ADDRESS

```

DMKQVM807E COMMAND REJECTED, VM/SP ATTACHED PROCESSOR MODE
DMKQVM809E COMMAND REJECTED, TRACE/ADSTOP/CCW TRANS IN EFFECT

DMKRGA454I {LINE addr|DEV rid} DISABLED
DMKRGA455I LINE 'addr' NOT OPERATIONAL; text
DMKRGA705I I/O ERROR RESID=resource id STATUS=status LINE=addr

DMKRND850I UNABLE TO READ DUMP FROM READER
DMKRND851I TEN DUMP FILES ALREADY EXIST
DMKRND852I FATAL I/O ERROR WRITING DUMP
DMKRND853I NO DUMP FILES EXIST
DMKRND861E DUMP FILE 'filename' NOT FOUND
DMKRND863E INVALID PARAMETER _ parameter
DMKRND864I PAGE REFERENCED NOT AVAILABLE WHILE EDITING xxxxxxxx

DMKRNH454I {LINE addr|DEV rid} DISABLED
DMKRNH462I CTLR raddr UNIT CHECK; IPL REQUIRED
DMKRNH463I CTLR 'raddr' UNIT CHECK; RESTART IN PROGRESS
DMKRNH464I CTLR raddr CC=3; DEPRESS 370X "LOAD" BUTTON
DMKRNH468I CTLR raddr COMMUNICATIONS SCANNER FAILURE

DMKRSE242E PRT raddr (3800) INTERVENTION REQD, STATUS CODE cc
DMKRSE252I PRT raddr, FILE nnnn REQUEUED AND HELD
DMKRSE255I PRT raddr, PAGE BUFFER DESTROYED, BACKUP PAGE COUNT = nnnn
DMKRSE500I type 'addr' 'devname' CMD REJECT CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
DMKRSE501A type 'addr' 'devname' INT REQ CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
DMKRSE501I {CON|PRT|PUN|RDR} 'addr' 'devname' INT REQ [CMD='cm' SNS='sense'
CSW='csw' USERID='userid']
DMKRSE502I type 'addr' 'devname' BUSOUT CK CMD='cm' SNS='SENSE' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
DMKRSE503A {RDR|PRT|PUN} 'addr' 'devname' EQUIP CK CMD='cm' SNS='sense'
DMKRSE503I type 'addr' 'devname' EQUIP CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
DMKRSE504A {RDR|PRT} 'addr' 'devname' DATA CK CMD='cm' SNS='sense'
DMKRSE504I type 'addr' 'devname' DATA CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
DMKRSE505A RDR raddr devname OVERRUN CK CMD=cm SNS=sense CSW=csw
USERID=userid
DMKRSE508I {DASD|RDR|PRT|PUN} 'addr' 'devname' PERM ERROR CMD='cm' SNS='sense'
CSW='csw' USERID='userid' [BBCCHH='bbcchh']
DMKRSE520A {RDR|PRT|PUN} 'addr' 'devname' PERM ERROR CMD='cm' SNS='sense'
CSW='csw' USERID='userid'
DMKRSE520I type 'addr' 'devname' CHAN ERROR CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
DMKRSE521I type 'addr' 'devname' NO DEVICE CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKRSE524I {RDR|PRT|PUN} 'addr' 'devname' LOAD CHECK CMD='cm' SNS='sense'
USERID='userid'
DMKRSE525I {GRAF|RDR|PRT|PUN} 'addr' 'devname' FORMAT CK CMD='cm' SNS='sense'
USERID='userid'
DMKRSE529I {GRAF|RDR|PRT|PUN} 'addr' 'devname' PARITY CK CMD='cm' SNS='sense'
CSW='csw' USERID='userid'
DMKRSE540I PRT raddr 'devname' MAINT REQ CMD='cm' SNS='sense' CSW='csw' USERID='userid'

DMKRSP239I PRT raddr DRAINED. POSSIBLE FCB-FORMS MISMATCH
DMKRSP428E {PRT|PUN|RDR|TAPE} raddr SPOOL ERROR; FILE {HELD|PURGED}
DMKRSP430A [PRT|PUN] raddr FATAL I/O ERROR; NOW OFFLINE; FILE HELD
DMKRSP432A RDR raddr ID CARD; userid NOT IN CP DIRECTORY

DMKRST426A [RDR|TAPE] raddr SPOOL SPACE FULL; FILE PURGED
DMKRST428E {PRT|PUN|RDR|TAPE} raddr SPOOL ERROR; FILE {HELD|PURGED}

```

DMKRST430A [PRT|PUN] raddr FATAL I/O ERROR; NOW OFFLINE; FILE HELD
 DMKRST431A RDR raddr ID CARD MISSING OR INVALID
 DMKRST432A RDR raddr ID CARD; userid NOT IN CP DIRECTORY
 DMKRST433A RDR raddr ID CARD; INVALID DATA data
 DMKRST434A RDR raddr FATAL I/O ERROR; FILE PURGED

 DMKSAV350W DASD raddr VOLID NOT aaaaaa
 DMKSAV351W DASD raddr NOT READY
 DMKSAV352W FATAL DASD I/O ERROR
 DMKSAV353W SYSRES DEVICE TYPE INVALID
 DMKSAV536I raddr devname REPORTS DISABLED INTERFACE; FAULT CODE = cccc; NOTIFY CE

 DMKSNC044E SYSTEM name DOES NOT EXIST
 DMKSNC171E SYSTEM name VOLID volid NOT MOUNTED
 DMKSNC178E SYSTEM name EXCEEDS AVAILABLE DASD SPACE
 DMKSNC179E SYSTEM name VOLID volid NOT CP OWNED
 DMKSNC435E PAGING ERROR WRITING SAVED SYSTEM

 DMKSND020E USERID MISSING OR INVALID
 DMKSND045E userid NOT LOGGED ON
 DMKSND068E SEND COMMAND FAILED - RECEIVER {IS NOT DISCONNECTED|HAS NOT
 AUTHORIZED SENDER|HAS NO VIRTUAL CONSOLE|CONSOLE
 INPUT WAITING|IS EXECUTING A CONSOLE FUNCTION}

 DMKSPM026E OPERAND MISSING OR INVALID
 DMKSPM804E SINGLE PROCESSOR MODE ON REJECTED
 DMKSPM808I SINGLE PROCESSOR MODE ACTIVE

 DMKSPS014E TAPE raddr DUMP TAPE CAPACITY EXCEEDED
 DMKSPS026E OPERAND MISSING OR INVALID
 DMKSPS026E OPERAND MISSING OR INVALID
 DMKSPS028E CLASS MISSING OR INVALID
 DMKSPS037E TAPE raddr INVALID FOR SPTAPE COMMAND
 DMKSPS426E {RDR|TAPE} raddr SPOOL SPACE FULL; FILE PURGED
 DMKSPS428E {PRT|PUN|RDR|TAPE} raddr SPOOL ERROR; FILE {HELD|PURGED}

 DMKSPT002E INVALID OPERAND - operand
 DMKSPT003E INVALID OPTION - option
 DMKSPT006E INVALID DEVICE TYPE - addr
 DMKSPT008E INVALID SPOOLID - spoolid
 DMKSPT021E RADDR MISSING OR INVALID
 DMKSPT024E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
 DMKSPT040E DEV addr DOES NOT EXIST
 DMKSPT046E {DEV rid|type raddr} OFFLINE
 DMKSPT140E type raddr ATTACHED TO userid
 DMKSPT143E type raddr IN USE BY SYSTEM
 DMKSPT199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE

 DMKSSP536I raddr devname REPORTS DISABLED INTERFACE; FAULT CODE = cccc; NOTIFY CE

 DMKSST070E DEVICE NOT AVAILABLE - MSS DEVICES ALLOCATED
 DMKSSS071E DEVICE NOT AVAILABLE - MSS CANNOT BE ACCESSED
 DMKSSS072E DEVICE NOT AVAILABLE - raddr NOT PROPER TYPE
 DMKSST074I MISSING INTERRUPT - DEVICE vaddr
 DMKSSS075E DEVICE volid IS NOT AVAILABLE
 DMKSSS078I MSS MOUNT PROCEEDING FOR VOLUME volid
 DMKSSU074I MISSING INTERRUPT - DEVICE vaddr

 DMKTAP500I type addr devname CMD REJECT CMD=cm SNS=sense CSW=csw
 USERID=userid [BBCCHH=bbcchh|BLOCK=nnnnnn]
 DMKTAP501A type addr devname INT REQ CMD=cm SNS=sense CSW=csw
 USERID=userid [BBCCHH=bbcchh|BLOCK=nnnnnn]


```

DMKTAP502I type addr devname BUSOUT CK CMD=CM SNS=SENSE CSW=csw
USERID=userid [BBCCHH=bbcchh|BLOCK=nnnnnn]
DMKTAP503I type addr devname EQUIP CK CMD=cm SNS=sense CSW=csw
USERID=userid [BBCCHH=bbcchh|BLOCK=nnnnnn]
DMKTAP504I type addr devname DATA CK CMD=cm SNS=sense CSW=csw
USERID=userid {BBCCHH=bbcchh}
DMKTAP505I type addr devname OVERRUN CK CMD=cm SNS=sense CSW=csw
USERID=userid [BBCCHH=bbcchh|BLOCK=nnnnnn]
DMKTAP510I TAPE addr devname CONVERT CK CMD=cm SNS=sense CSW=csw
USERID=userid
DMKTAP511I TAPE addr devname COMPAT CK CMD=cm SNS=sense CSW=csw
USERID=userid
DMKTAP512I TAPE addr devname LOAD POINT CMD=cm SNS=sense CSW=csw
USERID=userid
DMKTAP516I type 'addr' 'devname' BAD SENSE CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
DMKTAP517I {LINE|TAPE} 'addr' 'devname' NOT/KNOWN CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKTAP518I {DASD|TAPE} 'addr' 'devname' RECV ERROR CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
DMKTAP519I TAPE 'addr' 'devname' PE BURST CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKTAP520I type 'addr' 'devname' CHAN ERROR CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
DMKTAP521I type 'addr' 'devname' NO DEVICE CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKTAP522I TAPE 'addr' 'devname' ERASE CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKTAP523I TAPE 'addr' 'devname' CONTROL CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKTAP526I TAPE 'addr' 'devname' DSE FAILED CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKTAP539I TAPE 'addr' 'devname' BOT FAIL CMD='cmd' SNS='sense' CSW='csw'
USERID='userid'

DMKTAQ504I type raddr devname DATA CK CMD=cm SNS=sense CSW=csw
USERID=userid
DMKTAQ510I TAPE 'addr' 'devname' CONVERT CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKTAQ513I TAPE 'addr' 'devname' FILE PROT CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKTAQ516I TAPE 'addr' 'devname' BAD SENSE CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKTAQ517I TAPE 'addr' 'devname' NOT/KNOWN CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKTAQ518I TAPE 'addr' 'devname' RECV ERROR CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKTAQ519I TAPE 'addr' 'devname' PE BURST CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKTAQ520I TAPE 'addr' 'devname' CHAN ERROR CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKTAQ539I TAPE 'addr' 'devname' BOT FAIL CMD='cm' SNS='sense' CSW='csw'
USERID='userid'

DMKTCS240E PRT raddr, FCB-FORMS MISMATCH, FILEID nnnn {HELD|PURGED}
DMKTCS241E PRT raddr, INVALID LOAD MODULE mmmmm SPECIFIED, FILE nnnn {HELD|PURGED}

DMKTCT241E PRT raddr, INVALID LOAD MODULE mmmmm SPECIFIED, FILE nnnn {HELD|PURGED}
DMKTCT270E PRT raddr, TOO MANY WCGM'S NEEDED FOR 'CHARS', FILE nnnn {HELD|PURGED}

DMKTHI002E INVALID OPERAND - operand
DMKTHI003E INVALID OPTION - option

```

DMKTHI026E OPERAND MISSING OR INVALID
 DMKTHI045E userid NOT LOGGED ON

DMKTRA002E INVALID OPERAND - operand
 DMKTRA003E INVALID OPTION - option
 DMKTRA013E CONFLICTING OPTION - option
 DMKTRA026E OPERAND MISSING OR INVALID
 DMKTRA180W TRACE NOT IN EFFECT
 DMKTRA182E (reserved for IBM use)
 DMKTRA291E COMMAND REJECTED; {PMA|SPMODE} IN USE

DMKTRP002E INVALID OPERAND - operand
 DMKTRP005E INVALID HEXDATA - hexdata
 DMKTRP013E CONFLICTING OPTION - option
 DMKTRP020E USERID MISSING OR INVALID
 DMKTRP026E OPERAND MISSING OR INVALID
 DMKTRP045E userid NOT LOGGED ON
 DMKTRP304I CPTRAP IS STOPPING, NO INPUT ALLOWED
 DMKTRP305I CPTRAP SELECTIVITY RESET
 DMKTRP306E CPTRAP IS ALREADY ACTIVE
 DMKTRP309E OPERAND IGNORED SELECT TABLE FULL

DMKTRR002E INVALID OPERAND - operand
 DMKTRR005E INVALID HEXDATA - hexdata
 DMKTRR008E INVALID SPOOLID - spoolid
 DMKTRR026E OPERAND MISSING OR INVALID
 DMKTRR027E SPOOLID MISSING OR INVALID
 DMKTRR042E SPOOLID nnnn DOES NOT EXIST OR IS HELD
 DMKTRR301E REQUESTED FILE IS NOT A CPTRAP FILE
 DMKTRR302E I/O ERROR ON OOC - XXXXXXXXXXXX
 DMKTRR303E OOC READER FILE NOT LOCATABLE
 DMKTRR305I TRAPRED SELECTIVITY RESET
 DMKTRR764E ERROR IN ROUTINE XXXXXXXXX

DMKTRT307I CPTRAP (CP/VIRTUAL) cccc INTERFACE DATA IGNORED
 DMKTRT308I CPTRAP DATA LOST

DMKTTR042E SPOOLID nnnn DOES NOT EXIST [OR IS HELD]

DMKTTY152E {PFCOPY|PFTAB} NOT AVAILABLE

DMKUDR475I FATAL IO ERROR TRYING TO READ DIRECTORY

DMKUSO003E INVALID OPTION - option
 DMKUSO020E USERID MISSING OR INVALID
 DMKUSO045E userid NOT LOGGED ON
 DMKUSO197E SECONDARY USER IS NOT AVAILABLE

DMKVAT064E SHADOW TABLE BYPASS; RESET

DMKVCH034E CHANNEL MISSING OR INVALID
 DMKVCH048E CHANNEL x DOES NOT EXIST
 DMKVCH129E CHANNEL x DEVICES IN USE
 DMKVCH130E CHANNEL x [PROC nn] NOT ATTACHED TO userid
 DMKVCH132E CHANNEL x ALREADY DEFINED BY userid
 DMKVCH138E CHANNEL x NOT ATTACHED; INSUFFICIENT FREE STORAGE
 DMKVCH147E CHANNEL x [PROC nn] NOT ATTACHED; ALTERNATE PATHS DEFINED
 DMKVCH188E SPECIFIED PROCESSOR UNAVAILABLE

DMKVDD006E INVALID DEVICE TYPE - addr
 DMKVDD020E USERID MISSING OR INVALID
 DMKVDD021E RADDR MISSING OR INVALID raddr
 DMKVDD022E VADDR MISSING OR INVALID vaddr
 DMKVDD034E CHANNEL MISSING OR INVALID

DMKVDD039E PROCESSOR ADDRESS MISSING OR INVALID
 DMKVDD040E DEV addr DOES NOT EXIST
 DMKVDD045E userid NOT LOGGED ON
 DMKVDD046E {DEV rid|type raddr} OFFLINE
 DMKVDD121E [PRT rid|type raddr] NOT ATTACHED TO userid
 DMKVDD123E DASD raddr CP OWNED
 DMKVDD124E DASD raddr IN USE BY nnn USERS
 DMKVDD134E CHANNEL MISSING OR INVALID
 DMKVDD135E TYPE vaddr NOT DETACHED; CHAN x DEDICATED
 DMKVDD140E type raddr ATTACHED TO userid
 DMKVDD142E type raddr NOT DRAINED
 DMKVDD143E type raddr IN USE BY SYSTEM
 DMKVDD273E DETACH REJ VIRTUAL MACHINE TRACING I/O

DMKVDE003E INVALID OPTION - option
 DMKVDE006E INVALID DEVICE TYPE - addr
 DMKVDE011E INVALID DEVICE TYPE - userid vaddr
 DMKVDE020E USERID MISSING OR INVALID
 DMKVDE021E RADDR MISSING OR INVALID raddr
 DMKVDE022E VADDR MISSING OR INVALID vaddr
 DMKVDE023E VOLID MISSING OR INVALID
 DMKVDE034E CHANNEL MISSING OR INVALID
 DMKVDE039E PROCESSOR ADDRESS MISSING OR INVALID
 DMKVDE040E DEV addr DOES NOT EXIST
 DMKVDE045E userid NOT LOGGED ON
 DMKVDE046E {DEV rid|type raddr} OFFLINE
 DMKVDE120E [PRT rid|type raddr] NOT ATTACHED; userid vaddr ALREADY DEFINED
 DMKVDE121E [PRT rid|type raddr] NOT ATTACHED TO userid
 DMKVDE122E [PRT rid|type raddr] ALREADY ATTACHED TO userid
 DMKVDE123E DASD raddr CP OWNED
 DMKVDE124E DASD raddr IN USE BY nnn USERS
 DMKVDE125E DASD raddr VOLID volid ALREADY ATTACHED TO SYSTEM
 DMKVDE126E DASD raddr ERROR READING VOLID
 DMKVDE127E DASD raddr VOLID volid DOES NOT MATCH
 DMKVDE128E DASD raddr ERROR READING ALLOCATION RECORD
 DMKVDE131E INSUFFICIENT FREE STORAGE AVAILABLE FOR ATTACH REQUEST
 DMKVDE133E DASD raddr NOT READY
 DMKVDE134E TYPE raddr NOT ATTACHED; CHAN x DEDICATED
 DMKVDE142E type raddr NOT DRAINED
 DMKVDE143E type raddr IN USE BY SYSTEM
 DMKVDE151I DASD addr NOT ATTACHED, BUSY PERSISTS, IOBSTAT=xx, IOBCSW+4=yyyy
 DMKVDE153E DEVICE {vaddr|RNG} EXCEEDED MAX NUMBER OF VIRTUAL DEVICES
 DMKVDE156E raddr1 raddr2 raddr3 SUBSYSTEM DEVICES NOT AVAILABLE
 DMKVDE199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DMKVDE293E CMD REJECTED raddr VIOLATES PMA RESTRICTION
 DMKVDE329E raddr IMPROPERLY GENNED, DEVICE CANNOT BE USED AS SYSOWN
 DMKVDG340I AREA TYPE type TRUNCATED FOR CP OWNED VOLUME volid
 DMKVDG341I AREA TYPE type DEFAULTED FOR CP OWNED VOLUME volid
 DMKVDG342W SPOOL FILE EXISTS IN PAGE AREA FOR CP OWNED VOLUME volid
 DMKVDG343W SWSIZE TOO LARGE FOR CP OWNED VOLUME volid
 DMKVDG344W CP OWNED VOLUME volid INVALID TYPE

DMKVDS465W CTLR raddr EMULATOR LINES IN USE BY SYSTEM

DMKVER575I I/O ERROR ADD=raddr, USERID= userid

DMKVMA161E SHARED PAGE hexloc ALTERED BY userid
 DMKVMA456W CP ENTERED; name SHARED PAGE hexloc ALTERED

DMKVMD009E INVALID RANGE - range
 DMKVMD013E CONFLICTING OPTION - option
 DMKVMD020E USERID MISSING OR INVALID
 DMKVMD033E HEXLOC MISSING OR INVALID

DMKVMD038E PARAMETER parameter FOR option OPTION MISSING OR INVALID
 DMKVMD053E userid NOT IN CP DIRECTORY
 DMKVMD146I VMDUMP FAILED, SPOOLING ERROR
 DMKVMD160E HEXLOC hexloc EXCEEDS STORAGE

 DMKVMI022E VADDR MISSING OR INVALID
 DMKVMI230E IPL SIO ERROR
 DMKVMI231E IPL TIO ERROR
 DMKVMI232E IPL UNIT ERROR; CSW csw SNS sense
 DMKVMI233E IPL OVERLAY ERROR
 DMKVMI234E IPL SENSE ERROR

 DMKVRR808I SINGLE PROCESSOR MODE ACTIVE

 DMKVSP427I {CON|PRT|PUN} vaddr SYSTEM SPOOL SPACE FULL; FILE CLOSED
 DMKVSP429I {CON|PRT|PUN|RDR} vaddr SPOOL ERROR; FILE {HELD|PURGED}

 DMKVST427I {CON|PRT|PUN} vaddr SYSTEM SPOOL SPACE FULL; FILE CLOSED
 DMKVST429I {CON|PRT|PUN|RDR} vaddr SPOOL ERROR; FILE {HELD|PURGED}

 DMKWRM904W SYSTEM RECOVERY FAILURE; INVALID WARM START DATA
 DMKWRM912W SYSTEM RECOVERY FAILURE; VOLID 'valid' NOT MOUNTED
 DMKWRM920I NO WARM START DATA; CKPT START FOR RETRY
 DMKWRM921W SYSTEM RECOVERY FAILURE; UNRECOVERABLE I/O ERROR

 DMKWRN400I SYSTEM {TEMP SPACE CHECKPOINT AREA} FULL
 DMKWRN915E PERMANENT I/O ERROR ON CHECKPOINT AREA
 DMKWRN919E CHECKPOINT AREA INVALID; CHECKPOINTING TERMINATED

CMS Message Summary

DMSABN148T SYSTEM ABEND xxx CALLED FROM 'addr'
DMSABN149T nnn (HEX xxx) DOUBLEWORDS OF SYSTEM STORAGE HAVE BEEN DESTROYED. RE-IPL CMS
DMSABN150W nnn (HEX xxx) DOUBLEWORDS OF SYSTEM STORAGE WERE NOT RECOVERED
DMSABN152T SYSTEM ABEND xxx CALLED FROM addr WHILE 'UFDBUSY' = xx. RE-IPL CMS
DMSABN153W 'HX' DURING ABEND PROCESSING WAS IGNORED
DMSABN155T USER ABEND nnnn CALLED FROM addr

DMSACC002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSACC003E INVALID OPTION 'option'
DMSACC017E INVALID DEVICE ADDRESS 'vaddr'
DMSACC048E INVALID MODE 'mode'
DMSACC059E 'vaddr' ALREADY ACCESSED AS READ/WRITE 'mode' DISK
DMSACC060E FILE(S) 'fn [ft [fm]]' NOT FOUND. DISK 'mode(vaddr)' WILL NOT BE ACCESSED
DMSACC109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSACC112S DISK 'mode (addr)' DEVICE ERROR
DMSACC113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (addr)
NOT ATTACHED
DMSACC230W OS DISK - FILEID AND/OR OPTIONS SPECIFIED ARE IGNORED
DMSACC240S ERROR LOADING READ OS ROUTINE 'DMSROS TEXT'
DMSACC723I mode (addr) {R/O|R/W} [-OS|-DOS]
DMSACC724I vaddr REPLACES mode (ccu)
DMSACC725I vaddr ALSO = 'mode' [-OS|-DOS] DISK
DMSACC726I 'vaddr mode' RELEASED

DMSALT520E INVALID OPERAND : operand
DMSALT545E MISSING OPERAND(S)

DMSAMS001E NO FILENAME SPECIFIED
DMSAMS002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSAMS003E INVALID OPTION 'option'
DMSAMS006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSAMS007E FILE 'fn ft fm' [IS] NOT FIXED, 80-CHAR. RECORDS
DMSAMS065E 'option' OPTION SPECIFIED TWICE
DMSAMS066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSAMS070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSAMS109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSAMS113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (ccu)
NOT ATTACHED
DMSAMS136S UNABLE TO LOAD 'IDCMAS'
DMSAMS228E NO DDNAME ENTERED
DMSAMS367R ENTER TAPE {INPUT|OUTPUT} DDNAMES:
DMSAMS722I FILE 'fname2 LISTING fm' WILL HOLD AMSERV OUTPUT

DMSARE017E INVALID DEVICE ADDRESS 'vaddr'
DMSARE028E NO {DEVICE|LOGICAL UNIT} SPECIFIED
DMSARE048E INVALID MODE 'mode'
DMSARE069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSARE070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}

DMSARN001E NO FILENAME SPECIFIED
DMSARN002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSARN003E INVALID OPTION 'option'
DMSARN004W WARNING MESSAGES ISSUED
DMSARN006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSARN007E FILE 'fn ft fm' [IS] NOT FIXED, 80 CHAR. RECORDS
DMSARN008W ERROR MESSAGES ISSUED
DMSARN012W SEVERE ERROR MESSAGES ISSUED
DMSARN016W TERMINAL ERROR MESSAGES ISSUED

DMSARX001E NO FILENAME SPECIFIED
 DMSARX002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
 DMSARX003E INVALID OPTION 'option'
 DMSARX006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
 DMSARX007E FILE 'fn ft fm' [IS] NOT FIXED, 80-CHAR. RECORDS
 DMSARX038E FILEID CONFLICT FOR DDNAME 'ASM3705'
 DMSARX052E MORE THAN 100 CHARS OF OPTIONS SPECIFIED
 DMSARX070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
 DMSARX074E ERROR SETTING/RESETTING AUXILIARY DIRECTORY
 DMSARX075E DEVICE 'devicename' INVALID FOR {INPUT|OUTPUT}

DMSASM001E NO FILENAME SPECIFIED
 DMSASM002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
 DMSASM003E INVALID OPTION 'option'
 DMSASM006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
 DMSASM007E FILE 'fn ft fm' [IS] NOT FIXED, 80-CHAR. RECORDS
 DMSASM038E FILEID CONFLICT FOR DDNAME 'ASSEMBLE'
 DMSASM052E MORE THAN 100 CHARS OF OPTIONS SPECIFIED
 DMSASM070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
 DMSASM074E ERROR SETTING/RESETTING AUXILIARY DIRECTORY
 DMSASM075E DEVICE 'devicename' INVALID FOR {INPUT|OUTPUT}

DMSASN003E INVALID OPTION 'option'
 DMSASN027E INVALID DEVICE {'device name'|'device' FOR 'SYSxxx'}
 DMSASN028E NO {DEVICE|LOGICAL UNIT} SPECIFIED
 DMSASN029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
 DMSASN035E INVALID TAPE MODE
 DMSASN050E PARAMETER MISSING AFTER {DDNAME|SYSxxx|function}
 DMSASN065E 'option' OPTION SPECIFIED TWICE
 DMSASN066E 'option' AND 'option' ARE CONFLICTING OPTIONS
 DMSASN069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
 {'A' MUST BE R/W FOR 'DISK LOAD'}
 DMSASN070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
 DMSASN087E INVALID ASSIGNMENT OF 'SYSxxx' TO DEVICE 'device'
 DMSASN090E INVALID DEVICE CLASS 'deviceclass' FOR 'device'
 DMSASN099E CMS/DOS ENVIRONMENT NOT ACTIVE
 DMSASN113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (cuu)
 NOT ATTACHED

DMSBOP037E [OUTPUT]. DISK 'mode [vaddr]' IS READ/ONLY.
 {'A' MUST BE R/W FOR 'DISK LOAD'}
 DMSBOP043E 'TAPn raddr' IS FILE PROTECTED
 DMSBOP058E END-OF-FILE OR END-OF-TAPE [ON 'TAPn']
 DMSBOP069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
 {'A' MUST BE R/W FOR 'DISK LOAD'}
 DMSBOP086W DLBL 'ddname' DUMMY INVALID FOR VSAM
 DMSBOP088E UNSUPPORTED DTF TYPE 'dtftype'
 DMSBOP089E {OPEN|CLOSE} ERROR CODE 'nn' ON {fn|SYSxxx|TAPn}
 DMSBOP113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (cuu)
 NOT ATTACHED
 DMSBOP302E NO SYSxxx OPERAND {ENTERED|SPECIFIED}
 DMSBOP308E 'mode' DISK IN [NON-]CMS FORMAT; INVALID FOR [NON-]CMS DATASET
 DMSBOP400S SYSTEM 'sysname' DOES NOT EXIST
 DMSBOP401S VM SIZE (size) CANNOT EXCEED 'sysname' START ADDRESS (address)
 DMSBOP403S filename SHARED SEGMENT NOT AVAILABLE. RELOAD CMSDOS
 DMSBOP404S filename LOGIC MODULE NOT FOUND IN 'segname' SHARED SEGMENT
 DMSBOP410S CONTROL PROGRAM ERROR INDICATION 'retcode'
 DMSBOP413S STORAGE NOT INITIALIZED FOR VSAM PROCESSING

DMSBTB100E NO BATCH PROCESSOR AVAILABLE
 DMSBTB101E BATCH NOT LOADED

DMSBTP105E NO JOB CARD PROVIDED
 DMSBTP106E JOB CARD FORMAT INVALID

DMSBTP107E CP/CMS COMMAND 'command, (device)' NOT ALLOWED
DMSBTP108E /SET CARD FORMAT INVALID
DMSBTP109E {CPU|PRINTER|PUNCH} LIMIT EXCEEDED

DMSBWR107S DISK 'mode {(vaddr)}' IS FULL
DMSBWR109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSBWR170S DISK 'mode (vaddr)' HAS MAXIMUM NUMBER OF FILES

DMSCAN520E INVALID OPERAND : operand

DMSCCK803E INVALID PARAMETER SPECIFICATION
DMSCCK804S ERROR ESTABLISHING CMS/DOS ENVIRONMENT
DMSCCK805S ERROR ASSIGNING OUTPUT TO PRINTER
DMSCCK806S VSE/VSAM PHASE "IKQVCHK" NOT FOUND
DMSCCK807S ERROR ENCOUNTERED ISSUING ASSGN FOR CATALOG

DMSCIO113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (addr)
NOT ATTACHED
DMSCIO145S INTERVENTION REQUIRED ON {PRINTER|PUNCH}

DMSCIT171T PERMANENT CONSOLE ERROR, RE-IPL CMS

DMSCLS043E 'TAPn(raddr)' IS FILE PROTECTED
DMSCLS058E END-OF-FILE OR END-OF-TAPE [ON 'TAPn']
DMSCLS088E UNSUPPORTED DTF TYPE 'dtftype'
DMSCLS089E {OPEN|CLOSE} ERROR CODE 'nn' ON {fn|SYSxxx|TAPn}
DMSCLS113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (addr)
NOT ATTACHED
DMSCLS140S {'function'|FEOVD|SEOV|FEOV}{MACRO|FUNCTION(S)} MACRO NOT SUPPORTED
DMSCLS429I 'TAPn (raddr)' EOT ON OUTPUT

DMSCMP002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSCMP003E INVALID OPTION 'option'
DMSCMP005E NO 'option' SPECIFIED
DMSCMP009E COLUMN 'col' EXCEEDS RECORD LENGTH
DMSCMP010E PREMATURE EOF ON FILE 'fn ft [fm]'
DMSCMP011E CONFLICTING FILE FORMATS
DMSCMP019E IDENTICAL FILEIDS
DMSCMP029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSCMP054E INCOMPLETE FILEID SPECIFIED
DMSCMP062E INVALID [CHAR|CHARACTER] '[=|*|char]' IN [OUTPUT] FILEID ['fn ft [fm]]'
DMSCMP069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSCMP104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSCMP109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSCMP179I COMPARING 'fn ft fm' WITH 'fn ft fm'
DMSCMP209W FILES DO NOT COMPARE
DMSCMP211E COLUMN FIELDS OUT OF SEQUENCE

DMSCMS006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSCMS095E INVALID ADDRESS 'address'
DMSCMS110E CORRECT FORM IS: DOSGEN LOCATION (SEGNAME)
DMSCMS111E DOSGEN FAILED DUE TO LOAD ERRORS
DMSCMS141S DOSGEN FAILED DUE TO SAVESYS ERRORS
DMSCMS715I DOSGEN COMPLETE

DMSCPY002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSCPY003E INVALID OPTION 'option'
DMSCPY024E FILE 'fn ft fm' ALREADY EXISTS [-- SPECIFY 'REPLACE']
DMSCPY029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSCPY030E FILE 'fn ft fm' ALREADY ACTIVE

DMSCPY037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
 {'A' MUST BE R/W FOR 'DISK LOAD'}
 DMSCPY042E NO FILEID(S) SPECIFIED
 DMSCPY048E INVALID MODE 'mode'
 DMSCPY054E INCOMPLETE FILEID SPECIFIED
 DMSCPY062E INVALID [CHAR|CHARACTER] '[=*|char]' IN [OUTPUT] FILEID ['fn ft [fm]']
 DMSCPY063E NO [SORT|TRANSLATION|SPECIFICATION] LIST {ENTERED|GIVEN}
 DMSCPY064E INVALID [TRANSLATE] SPECIFICATION AT OR NEAR '.....'
 DMSCPY065E 'option' OPTION SPECIFIED TWICE
 DMSCPY066E 'option' AND 'option' ARE CONFLICTING OPTIONS
 DMSCPY067E COMBINED INPUT FILES ILLEGAL WITH PACK OR UNPACK OPTIONS
 DMSCPY068E INPUT FILE 'fn ft fm' NOT IN PACKED FORMAT
 DMSCPY069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
 {'A' MUST BE R/W FOR 'DISK LOAD'}
 DMSCPY101S 'SPECS' TEMP STRING STORAGE EXHAUSTED AT '.....'
 DMSCPY102S TOO MANY FILEIDS
 DMSCPY103S NUMBER OF SPECS EXCEEDS MAX 20
 DMSCPY156E 'FROM nnn' NOT FOUND - FILE 'fn ft fm' HAS ONLY 'nnn' RECORDS
 DMSCPY157E LABEL 'label' NOT FOUND IN FILE 'fn ft fm'
 DMSCPY172E TO LABEL 'label' {EQUALS|IS AN INITIAL SUBSTRING OF} FRLABEL 'label'
 DMSCPY173E NO RECORDS WERE COPIED TO OUTPUT FILE 'fn ft fm'
 DMSCPY601R ENTER SPECIFICATION LIST:
 DMSCPY602R ENTER TRANSLATION LIST:
 DMSCPY721I COPY 'fn ft fm' [{TO|APPEND|OVLY} 'fn ft fm' {OLD|NEW} FILE]
 DMSCPY901T UNEXPECTED ERROR AT 'addr': PLIST 'plist fn ft fm' AT addr, BASE addr, RC nn
 DMSCPY903T IMPOSSIBLE PHASE CODE 'xx'
 DMSCPY904T UNEXPECTED UNPACK ERROR AT 'addr', BASE 'addr'

 DMSCRD171T PERMANENT CONSOLE ERROR RE-IPL CMS.

 DMSCVH161S UNEXPECTED ERROR CODE 'nn' ON 'SYSxxx'

 DMSCWR171T PERMANENT CONSOLE ERROR RE-IPL CMS.

 DMSDAS140S {'function'|FEOVD|SEOV|FEOV}{MACRO|FUNCTION(S)} MACRO NOT SUPPORTED

 DMSDBG113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (addr)
 NOT ATTACHED
 DMSDBG728I DEBUG ENTERED [EXTERNAL INT|BREAKPOINT nn AT xxxxxx]

 DMSDDL003E INVALID OPTION 'option'
 DMSDDL006E NO READ/WRITE DISK ACCESSED FOR 'fn ft'
 DMSDDL024E FILE 'fn ft fm' ALREADY EXISTS -- SPECIFY 'REPLACE' OPTION
 DMSDDL070E INVALID PARAMETER 'parameter'
 DMSDDL078E INVALID CARD IN READER DECK
 DMSDDL545E MISSING OPERAND[S]
 DMSDDL636E UNSUPPORTED TYPE OF NETDATA FILE
 DMSDDL636W RECEIVED NULL FILE -- NO FILE CREATED
 DMSDDL637E MISSING VALUE FOR THE 'NOTEBOOK' OPTION
 DMSDDL638E 'file' IS TOO WIDE TO APPEND TO 'fn ft'
 DMSDDL639E ERROR IN 'routine' ROUTINE. RETURN CODE WAS 'nn'
 DMSDDL688E 'XEDIT' OPTION ONLY VALID FROM XEDIT ENVIRONMENT

 DMSDIO905S WRITE-INHIBIT SWITCH SET ON DRIVE ...NOTIFY OPERATOR.

 DMSDLB001E NO FILENAME SPECIFIED
 DMSDLB003E INVALID OPTION 'option'
 DMSDLB005E NO 'option' SPECIFIED
 DMSDLB023E NO FILETYPE SPECIFIED
 DMSDLB048E INVALID MODE 'mode'
 DMSDLB050E PARAMETER MISSING AFTER {DDNAME|SYSxxx|function}
 DMSDLB065E 'option' OPTION SPECIFIED TWICE
 DMSDLB066E 'option' AND 'option' ARE CONFLICTING OPTIONS
 DMSDLB069E DISK {mode|vaddr|volid} NOT ACCESSED

DMSDLB070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSDLB086E INVALID DDNAME 'ddname'
DMSDLB109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSDLB220R ENTER DATA SET NAME:
DMSDLB221E INVALID DATA SET NAME
DMSDLB301E 'SYSxxx' NOT ASSIGNED FOR DISK 'fm'
DMSDLB302E NO SYSxxx OPERAND {ENTERED|SPECIFIED}
DMSDLB304E INVALID OPERAND VALUE 'value'
DMSDLB305E INCOMPLETE EXTENT RANGE
DMSDLB306E SYSxxx NOT ASSIGNED FOR 'IGNORE'
DMSDLB307E CATALOG DDNAME 'ddname' NOT FOUND
DMSDLB308E 'mode' DISK IN [NON-]CMS FORMAT; INVALID FOR [NON-]CMS DATASET
DMSDLB320I MAXIMUM NUMBER OF DISK ENTRIES RECORDED
DMSDLB321I MAXIMUM NUMBER OF EXTENTS RECORDED
DMSDLB322I 'ddname' NOT FOUND: NO CLEAR EXECUTED
DMSDLB323I {MASTER|JOB} CATALOG DLBL CLEARED
DMSDLB324I NO USER DEFINED {DLBL|FILEDEF|LABELDEF}'s IN EFFECT
DMSDLB330R ENTER VOLUME SPECIFICATIONS:
DMSDLB331R ENTER EXTENT SPECIFICATIONS:

DMSDLK001E NO FILENAME SPECIFIED
DMSDLK003E INVALID OPTION 'option'
DMSDLK006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSDLK007E FILE 'fn ft fm' [IS] NOT FIXED, 80 CHAR. RECORDS
DMSDLK070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSDLK099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSDLK104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSDLK105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSDLK210E {LIBRARY|FILE} 'fn ft' IS ON A READ-ONLY DISK
DMSDLK245S ERROR 'nnn' ON PRINTER

DMSDMP020W INVALID PDUMP ADDRESS 'address' - NO DUMP OPERATION PERFORMED
DMSDMP146I IDUMP FOR identifier CALLED FROM addr
DMSDMP325W IDUMP FOR jobname TERMINATED DUE TO ERROR ON 'OOE'

DMSDOS069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSDOS091E SAVEAREA ADDRESS IN PARTITION PIB NOT EQUIVALENT TO LTA SAVEAREA ADDRESS
DMSDOS095E INVALID ADDRESS 'address'
DMSDOS121S UNSUPPORTED SVC svc (HEX xx) CALLED FROM addr
DMSDOS160S JOB CANCELED DUE TO PROGRAM REQUEST
DMSDOS778E ERROR DECOMPRESSING macro MACRO

DMSDSK002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSDSK009E COLUMN 'col' EXCEEDS RECORD LENGTH
DMSDSK014E INVALID FUNCTION 'function'
DMSDSK037E [OUTPUT] DISK 'mode vaddr' IS READ/ONLY.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSDSK047E NO FUNCTION SPECIFIED
DMSDSK048E INVALID MODE 'mode'
DMSDSK054E INCOMPLETE FILEID SPECIFIED
DMSDSK062E INVALID [CHAR|CHARACTER] '[=*|char]' IN [OUTPUT] FILEID ['fn ft [fm]]'
DMSDSK070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSDSK077E END CARD MISSING FROM INPUT DECK
DMSDSK078E INVALID CARD IN READER {DECK|FILE 'cardimage'}
DMSDSK078W SEQUENCE ERROR DETECTED LOADING 'fn ft' EXPECTED '.....' FOUND '.....'
DMSDSK104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSDSK105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSDSK118S ERROR PUNCHING FILE {'fn ft fm'}
DMSDSK124S ERROR READING CARD FILE
DMSDSK205W READER EMPTY OR NOT READY
DMSDSK445W INVALID DATA IN SEQUENCE FIELD, BYPASSING SEQUENCE CHECK

DMSDSK496S READER FILE ALTERED TO DISK LOAD AS: 'fn ft fm'
DISK LOAD STOPPED. FILE HAS BEEN LEFT IN YOUR READER
DMSDSK550W DATE/TIME DATA NOT PRESENT FOR FILE 'fn ft'

DMSDSL002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSDSL003E INVALID OPTION 'option'
DMSDSL013W {MEMBER|PHASE} 'name' NOT FOUND IN LIBRARY 'libname'
DMSDSL014E INVALID FUNCTION 'function'
DMSDSL037E [OUTPUT] DISK 'mode vaddr' IS READ/ONLY.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSDSL046E NO LIBRARY NAME SPECIFIED
DMSDSL047E NO FUNCTION SPECIFIED
DMSDSL069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSDSL070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSDSL098E NO {PHASE|PROCEDURE} NAME SPECIFIED
DMSDSL104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSDSL105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSDSL213W LIBRARY 'fn ft fm' NOT CREATED

DMSDSV003E INVALID OPTION 'option'
DMSDSV021W NO TRANSIENT DIRECTORY
DMSDSV022W NO CORE IMAGE DIRECTORY
DMSDSV023W NO RELOCATABLE DIRECTORY
DMSDSV024W NO PROCEDURE DIRECTORY
DMSDSV025W NO SOURCE STATEMENT DIRECTORY
DMSDSV026W 'phase' NOT IN LIBRARY
DMSDSV027E INVALID DEVICE {'device name'|'device' FOR 'SYSxxx'}
DMSDSV027W NO PRIVATE CORE IMAGE LIBRARY
DMSDSV028W NO {PRIVATE|SYSTEM} TRANSIENT DIRECTORY ENTRIES
DMSDSV047E NO FUNCTION SPECIFIED
DMSDSV065E 'option' OPTION SPECIFIED TWICE
DMSDSV066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSDSV070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSDSV095E INVALID ADDRESS 'address'
DMSDSV099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSDSV105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSDSV245S ERROR 'nnn' ON PRINTER

DMSEDI003E INVALID OPTION 'option'
DMSEDI024E FILE 'fn ft fm' ALREADY EXISTS [-- SPECIFY 'REPLACE']
DMSEDI029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSEDI044E RECORD LENGTH EXCEEDS ALLOWABLE MAXIMUM
DMSEDI054E INCOMPLETE FILEID SPECIFIED
DMSEDI069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSEDI076E ACTUAL RECORD LENGTH EXCEEDS THAT SPECIFIED
DMSEDI104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSEDI105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSEDI117S ERROR WRITING TO DISPLAY TERMINAL
DMSEDI132S FILE 'fn ft fm' TOO LARGE
DMSEDI143S UNABLE TO LOAD SAVED SYSTEM OR LOAD MODULE ['ERROR CODE = nn']
DMSEDI143S UNABLE TO LOAD SAVED SYSTEM OR LOAD MODULE ['ERROR CODE = nn']
DMSEDI143S UNABLE TO LOAD SAVED SYSTEM OR LOAD MODULE ['ERROR CODE = nn']
DMSEDI144S REQUESTED FILE IS IN ACTIVE STATUS

DMSEDX069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}

DMSEIO618E NUCEXT FAILED
DMSEIO621E BAD PLIST: xxxxxx
DMSEIO622E INSUFFICIENT FREE STORAGE FOR EXECIO
DMSEIO632E I/O ERROR IN EXECIO: RC=XXX FROM 'command' COMMAND

DMSERR215T NO VIRTUAL CONSOLE ATTACHED. RE-IPL CMS

DMSERS002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSERS003E INVALID OPTION 'option'
DMSERS037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSERS048E INVALID MODE 'mode'
DMSERS054E INCOMPLETE FILEID SPECIFIED
DMSERS069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSERS070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSERS071E ERASE * * [fm]*] NOT ALLOWED
DMSERS109T VIRTUAL STORAGE CAPACITY EXCEEDED

DMSERV001E NO FILENAME SPECIFIED
DMSERV002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSERV006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSERV027E INVALID DEVICE {'device name'|'device' FOR 'SYSxxx'}
DMSERV037E [OUTPUT] DISK 'mode vaddr' IS READ/ONLY.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSERV070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSERV099E CMS/DOS ENVIRONMENT NOT ACTIVE

DMSEXC001E NO FILENAME SPECIFIED

DMSEXE085E ERROR IN fn ft fm, LINE nnn - message
DMSEXE175E INVALID EXEC COMMAND
DMSEXE255T INSUFFICIENT STORAGE FOR EXEC INTERPRETER

DMSEXT072E ERROR IN EXEC FILE fn LINE nnn - message

DMSFCH016E NO PRIVATE CORE IMAGE LIBRARY FOUND
DMSFCH104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSFCH109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSFCH113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED
DMSFCH115E PHASE LOAD POINT LESS THAN 'address'
DMSFCH411S {INPUT|OUTPUT} ERROR CODE 'nn' ON 'SYSxxx'
DMSFCH623S PHASE CANNOT BE LOADED AT LOCATION 'location' BECAUSE IT WOULD
OVERLAY THE CMS NUCLEUS
DMSFCH777S DOS PARTITION TOO SMALL TO ACCOMMODATE FETCH REQUEST

DMSFET003E INVALID OPTION 'option'
DMSFET004E {BOOK 'subl.book'|MODULE 'module'|PHASE 'phase'|PROCEDURE 'procedure'}
NOT FOUND
DMSFET029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSFET070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSFET098E NO {PHASE|PROCEDURE} NAME SPECIFIED
DMSFET099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSFET623S PHASE CANNOT BE LOADED AT LOCATION 'location' BECAUSE IT WOULD
OVERLAY THE CMS NUCLEUS
DMSFET710I PHASE 'phase' ENTRY POINT AT LOCATION XXXXXX

DMSFLD003E INVALID OPTION 'option'
DMSFLD017E INVALID DEVICE ADDRESS 'vaddr'
DMSFLD023E NO FILETYPE SPECIFIED
DMSFLD027E INVALID DEVICE {'device name'|'device' FOR 'SYSxxx'}
DMSFLD029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSFLD035E INVALID TAPE MODE
DMSFLD050E PARAMETER MISSING AFTER {DDNAME|SYSxxx|function}
DMSFLD065E 'option' OPTION SPECIFIED TWICE
DMSFLD066E 'option' AND 'option' ARE CONFLICTING OPTIONS

DMSFLD069I DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSFLD070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSFLD220R ENTER DATA SET NAME:
DMSFLD221E INVALID DATA SET NAME
DMSFLD224E FILEID ALREADY IN USE
DMSFLD324I NO USER DEFINED FILEDEF'S IN EFFECT
DMSFLD420E NSL EXIT FILENAME MISSING OR INVALID
DMSFLD699E NO FILETYPE SPECIFIED OR 'vaddr' IS AN INVALID DISK ADDRESS
DMSFLD704I INVALID CLEAR REQUEST

DMSFLE495E THE 'module' MODULE CAN ONLY BE EXECUTED BY THE 'module2'
MODULE, IT CANNOT BE EXECUTED BY ITSELF

DMSFNS109T VIRTUAL STORAGE CAPACITY EXCEEDED
DMSFNS908T FILE SYSTEM ERROR DETECTED. VIRTUAL ADDR 'vaddr'. REASON CODE 'nn'.
DMSFNS909T PERM I/O ERROR ON 'vaddr'. CSW ccccccc ccccccc SENSE ssssssss ssssssss
sssssssss ssssssss ssssssss ssssssss.

DMSFOR003E INVALID OPTION 'option'
DMSFOR005E NO 'option' SPECIFIED
DMSFOR017E INVALID DEVICE ADDRESS 'vaddr'
DMSFOR028E NO {DEVICE|LOGICAL UNIT} SPECIFIED
DMSFOR037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSFOR048E INVALID MODE 'mode'
DMSFOR069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSFOR070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSFOR113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED
DMSFOR114S raddr IS AN UNSUPPORTED DEVICE TYPE
DMSFOR125S PERMANENT UNIT CHECK ON DISK 'mode(vaddr)'
DMSFOR126S ERROR {READ|WRIT}ING LABEL ON DISK 'mode(vaddr)'
DMSFOR214W CANNOT RECOMPUTE WITHOUT LOSS OF DATA. NO CHANGE
DMSFOR216E INSUFFICIENT BLOCKS ON DISK TO SUPPORT CMS DISK STRUCTURE
DMSFOR253E FILE fn ft fm CANNOT BE HANDLED WITH SUPPLIED PARAMETER LIST
DMSFOR603R FORMAT WILL ERASE ALL FILES ON DISK 'mode(vaddr)'. DO YOU WISH TO CONTINUE?
(YES|NO):
DMSFOR605R ENTER DISK LABEL:
DMSFOR705I DISK REMAINS UNCHANGED
DMSFOR732I 'nnn' {CYLINDERS|FB-512 BLOCKS} FORMATTED ON DISK 'mode(vaddr)'
DMSFOR733I FORMATTING DISK 'mode'

DMSFRE159T INSUFFICIENT STORAGE AVAILABLE TO SATISFY DMSFREE REQUEST FROM addr
DMSFRE160T INVALID DMSFREE CALL FROM addr
DMSFRE161T INVALID DMSFRET CALL FROM addr, ERROR NUMBER nn
DMSFRE162T VITAL FREE STORAGE POINTERS DESTROYED (INTERNAL ERROR CODE nn), RE-IPL CMS
DMSFRE163T {LOW|HIGH}-CORE USER CHAIN HAS BEEN DESTROYED (INTERNAL ERROR CODE nn)
DMSFRE164T {LOW|HIGH}-CORE NUCLEUS STORAGE POINTERS DESTROYED (INTERNAL ERROR CODE nn)
DMSFRE165T CHAIN HEADER AT addr: xxxxxx xxxxxx xxxxxx xxxxxx
DMSFRE166T UNEXPECTED ERROR IN FREE STORAGE MANAGEMENT ROUTINE (INTERNAL ERROR CODE nn).
RE-IPL CMS
DMSFRE167T FREE STORAGE MANAGEMENT ERROR, INTERNAL CODE ERROR nn

DMSGAM951E INVALID SVC nn. GAM/SP NOT INSTALLED
DMSGAM952E VIRTUAL STORAGE SIZE TOO LARGE FOR 'MSGAM' SHARED SEGMENT TO LOAD AT nnnnnn
DMSGAM953E 'MSGAM' SHARED SEGMENT ERROR. MODULE ADDRESS FOR SVC nn IS ZERO
DMSGAM954E 'MSGAM' SHARED SEGMENT ERROR. IDENTIFIER INVALID FOR SVC nn
DMSGAM955E 'MSGAM' SHARED SEGMENT PAGING I/O ERRORS WITH ccccc
DMSGAM956E INSUFFICIENT STORAGE FOR GAM/SP ANCHOR BLOCK

DMSGEN006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSGEN095E INVALID ADDRESS 'address'

DMSGEN110E CORRECT FORM IS: DOSGEN LOCATION (SEGNAME)
DMSGEN111E DOSGEN FAILED DUE TO LOAD ERRORS
DMSGEN141S DOSGEN FAILED DUE TO SAVESYS ERRORS
DMSGEN715I DOSGEN COMPLETE

DMSGLOB002W FILE 'fn ft [fm]' NOT FOUND
DMSGLOB014E INVALID FUNCTION 'function'
DMSGLOB047E NO FUNCTION SPECIFIED
DMSGLOB108S MORE THAN 8 LIBRARIES SPECIFIED

DMSGLO047E NO FUNCTION SPECIFIED
DMSGLO104S ERROR 'nn' READING FILE 'fn ft fm' FROM {DISK|XEDIT}
DMSGLO618E NUCEXT FAILED
DMSGLO622E INSUFFICIENT FREE STORAGE -- NO TABLE MADE
DMSGLO628E INVALID GLOBALV FUNCTION 'function'
DMSGLO631E function CAN ONLY BE EXECUTED FROM AN EXEC 2 OR REXX EXEC
[OR AS A CMS COMMAND]
DMSGLO649E EXTRANEIOUS PARAMETER 'parameter'

DMSGMF121S UNSUPPORTED SVC svc (HEX xx) CALLED FROM addr

DMSGND002W FILE 'fn ft [fm]' NOT FOUND
DMSGND021E ENTRY POINT 'name' NOT FOUND
DMSGND022E NO DIRECTORY NAME SPECIFIED
DMSGND070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}

DMSGRN002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSGRN003E INVALID OPTION 'option'
DMSGRN007E FILE 'fn ft fm' [IS] NOT FIXED, 80 CHAR. RECORDS
DMSGRN048E INVALID MODE 'mode'
DMSGRN054E INCOMPLETE FILEID SPECIFIED
DMSGRN078E INVALID CARD IN READER {DECK|FILE 'cardimage'}

DMSHEL529E 'subcommand' SUBCOMMAND IS ONLY VALID IN EDITING MODE
DMSHEL545E MISSING OPERAND(S)
DMSHEL561E CURSOR IS NOT ON A VALID DATA FIELD
DMSHEL640E UNABLE TO ACCESS HELP DISK [addr], RC=nn FROM ACCESS COMMAND

DMSHLP003E INVALID OPTION 'option'
DMSHLP104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSHLP109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSHLP250S I/O ERROR OR DEVICE ERROR
DMSHLP251E HELP PROCESSING ERROR, CODE nnn 'description'
DMSHLP252E VALID OPTIONS ARE: DESC FORM PARM ALL
DMSHLP254E HELP CANNOT FIND THE INFORMATION YOU REQUESTED. IF NOT MISSPELLED,
PLEASE ENTER 'HELP' FOR MENU SELECTION OR 'HELP HELP' FOR THE HELP COMMAND
DMSHLP907T I/O ERROR ON FILE 'fn ft fm'

DMSICP001E NO FILENAME SPECIFIED
DMSICP002E FILE 'filename' IOCP NOT FOUND
DMSICP003E INVALID OPTION 'option'
DMSICP006E NO READ/WRITE DISK ACCESSED
DMSICP007E FILE 'filename' IOCP IS NOT FIXED, 80 CHAR. RECORDS
DMSICP038E FILEID CONFLICT FOR DDNAME 'SYSIN'
DMSICP070E INVALID PARAMETER 'parameter'
DMSICP075E DEVICE 'devtyp' INVALID FOR {INPUT|OUTPUT}
DMSICP099E CMS/DOS ENVIRONMENT ACTIVE

DMSIDE003E INVALID OPTION 'option'
DMSIDE056E FILE 'fn ft' CONTAINS INVALID RECORD FORMAT
DMSIDE070E INVALID PARAMETER 'parameter'
DMSIDE104S ERROR 'nn' READING FILE 'fn ft' FROM {DISK|XEDIT}

DMSIFC002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSIFC007E FILE 'fn ft fm' [IS] NOT FIXED, 80 CHAR. RECORDS
DMSIFC023E NO FILETYPE SPECIFIED
DMSIFC070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSIFC104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSIFC825E 'CLEAR' IS VALID ONLY WHEN SPECIFIED BY ITSELF
DMSIFC826E EREP TXTLIBS NOT FOUND
DMSIFC828I CPEREZ ZERO OR CLEAR HAS BEEN COMPLETED
DMSIFC829W ATTEMPTED 'ZERO' WAS SUPPRESSED. REQUIRES PRIVILEGE CLASS F
DMSIFC831E MORE THAN 100 CHARS OF OPTIONS SPECIFIED
DMSIFC832S SOFTWARE INCOMPATIBILITY AT THE CPEREZ-EREP INTERFACE. CODE=nnn

DMSIMA001E NO FILENAME SPECIFIED
DMSIMA002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSIMA003E INVALID OPTION 'option'
DMSIMA013E MEMBER 'name' NOT FOUND IN LIBRARY '['fn ft fm'|libname]'
DMSIMA014E INVALID FUNCTION 'function'
DMSIMA046E NO LIBRARY NAME SPECIFIED
DMSIMA047E NO FUNCTION SPECIFIED
DMSIMA346E ERROR 'nn' LOADING 'fn ft' {DISK|'fn ft'}
DMSIMA347E ERROR 'nn' LOADING LIBRARY 'libname'
DMSIMA348E ERROR 'nn' SAVING LIBRARY 'libname'
DMSIMA349E INVALID LIBRARY 'libname'

DMSINI079E INVALID DEVICE ADDRESS - REENTER
DMSINI080E INVALID {CYL|BLK} NUMBER - REENTER
DMSINI081E INVALID REPLY - ANSWER "YES" OR "NO"
DMSINI082E IPL DEVICE ERROR - REENTER
DMSINI083E NUCLEUS {CYL|BLK} SPECIFICATION UNACCEPTABLE, ERROR 'X'
DMSINI131S IPL DEVICE WRITE I/O ERROR
DMSINI147R IS THE SHARED {S-DISK|Y-DISK} DIRECTORY TO BE USED WITH THIS SYSTEM?
YES OR NO
DMSINI260T VIRTUAL MACHINE SIZE TOO SMALL TO IPL NON-SHARED COPY OF CMS
DMSINI606R SYSTEM DISK ADDRESS = addr
DMSINI607R REWRITE THE NUCLEUS? {YES|NO}
DMSINI608R IPL DEVICE ADDRESS = addr
DMSINI609R NUCLEUS {CYL|BLK} ADDRESS = nnn
DMSINI610R ALSO IPL {CYL|BLK} 0? {YES|NO}
DMSINI611R VERSION IDENTIFICATION =
DMSINI612R INSTALLATION HEADING =
DMSINI615R Y - DISK ADDRESS = addr
DMSINI640R HELP DISK ADDRESS = addr
DMSINI902T IPL DEVICE READ I/O ERROR

DMSINS098W CMS OS SIMULATION NOT AVAILABLE
DMSINS100W SHARED {SSTAT|YSTAT} NOT AVAILABLE

DMSINT015E {UNKNOWN {CP|CMS|CMS|CP} |INVALID {CMS|SUBSET} COMMAND

DMSITE910T AN ERROR OCCURRED WHILE THE EXTERNAL INTERRUPT HANDLER WAS
TRYING TO SEVER IUCV PATH 'pathid', RE-IPL CMS

DMSITP141T exception EXCEPTION OCCURRED AT addr IN ROUTINE called
DMSITP142T exception EXCEPTION OCCURRED AT addr IN ROUTINE routine DURING 'SPIE'
EXIT ROUTINE
DMSITP143T exception EXCEPTION OCCURRED AT addr in SYSTEM ROUTINE called.
DMSITP144T exception EXCEPTION OCCURRED AT addr IN ROUTINE called WHILE 'UFDBUSY' = xx.
IPL CMS AGAIN

DMSITS098S CMS OS SIMULATION NOT AVAILABLE
DMSITS122S ERROR IN CALL TO routine FROM addr, ERROR CODE nnn (HEX xxxxxx)
DMSITS134S UNSUPPORTED SVC 203 CODE nn CALLED FROM addr
DMSITS135S MAXIMUM SVC DEPTH nnnn HAS BEEN EXCEEDED WITH CALL AT addr
DMSITS136T SVC CALL FROM addr ILLEGALLY RE-ENTERS INTSVC. RE-IPL CMS

DMSITS137T CALL TO routine FROM addr DESTROYED SYSTEM SAVE AREA. RE-IPL CMS
DMSITS138T 'DMSKEY' CALL FROM addr OVERFLOWS KEY STACK, WITH MAX DEPTH 7
DMSITS139T 'DMSKEY RESET' FROM addr UNDERFLOWS KEY STACK
DMSITS140T routine ROUTINE CALLED FROM addr DID DMSKEY WITH NO RESET
DMSITS154T SAVE AREA FOR SVC CALL FROM addr CANNOT BE ALLOCATED

DMSIUC911E AN IUCV SEVER ERROR OCCURRED ON PATH 'pathid' IPRCODE='iprcode',
SEVERING OF OTHER PATHS CONTINUES

DMSJOI503E {TRUNCATED|SPILLED}
DMSJOI561E CURSOR IS NOT ON A VALID DATA FIELD
DMSJOI562E OPTION 'CURSOR' VALID IN DISPLAY MODE ONLY
DMSJOI564W EOF REACHED
DMSJOI575E INVALID {JOIN|SPLIT|TABS|VERIFY|ZONE} COLUMNS DEFINED
DMSJOI585E NO LINE(S) CHANGED
DMSJOI655E JOINED LINE(S) EXCEED ZONE SETTING

DMSLBD003E INVALID OPTION 'option'
DMSLBD029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSLBD065E 'option' OPTION SPECIFIED TWICE
DMSLBD066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSLBD070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSLBD221E INVALID DATA SET NAME
DMSLBD324I NO USER DEFINED {DLBL|FILEDEF|LABELDEF}'s IN EFFECT
DMSLBD704I INVALID CLEAR REQUEST

DMSLBM001E NO FILENAME SPECIFIED
DMSLBM002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSLBM002W FILE 'fn ft [fm]' NOT FOUND
DMSLBM003E INVALID OPTION 'option'
DMSLBM013W {MEMBER|PHASE} 'name' NOT FOUND IN LIBRARY 'libname'
DMSLBM014E INVALID FUNCTION 'function'
DMSLBM037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
{'A' MUST BE R/W FOR 'DISK LOAD'}

DMSLBM046E NO LIBRARY NAME SPECIFIED
DMSLBM047E NO FUNCTION SPECIFIED
DMSLBM056E FILE 'fn ft [fm]' CONTAINS INVALID {NAME|ALIAS|ENTRY|ESD} RECORD FORMATS
DMSLBM070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSLBM104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSLBM105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSLBM109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSLBM157S MACLIB LIMIT EXCEEDED [, LAST MEMBER ADDED WAS 'membername']
DMSLBM167S PREVIOUS MACLIB FUNCTION NOT FINISHED
DMSLBM213W LIBRARY 'fn ft fm' NOT CREATED
DMSLBM907T I/O ERROR ON FILE 'fn ft fm'

DMSLBT001E NO FILENAME SPECIFIED
DMSLBT002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSLBT002W FILE 'fn ft [fm]' NOT FOUND
DMSLBT003E INVALID OPTION 'option'
DMSLBT013E MEMBER 'name' NOT FOUND IN LIBRARY '['fn ft fm'|libname]'
DMSLBT014E INVALID FUNCTION 'function'
DMSLBT046E NO LIBRARY NAME SPECIFIED
DMSLBT047E NO FUNCTION SPECIFIED
DMSLBT056E FILE 'fn ft [fm]' CONTAINS INVALID {NAME|ALIAS|ENTRY|ESD} RECORD FORMATS
DMSLBT056W FILE 'fn ft fm' CONTAINS INVALID [NAME|ALIAS|ENTRY|ESD] RECORD FORMATS
DMSLBT104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSLBT105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSLBT106S NUMBER OF MEMBER NAMES EXCEEDS MAX 'nnnn'. FILE 'fn ft' NOT ADDED
DMSLBT213W LIBRARY 'fn ft fm' NOT CREATED

DMSLDF004E {BOOK 'sub1.book'|MODULE 'module'|PHASE 'phase'|PROCEDURE
'procedure'} NOT FOUND
DMSLDF140S {'function'|FEOVD|SEOVD|SEOV|FEOV} {MACRO|FUNCTION(S)}
DMSLDF161S UNEXPECTED ERROR CODE 'nn' ON 'SYSxxx'
DMSLDF401S VM SIZE (size) CANNOT EXCEED 'sysname' START ADDRESS (address)
DMSLDF413S STORAGE NOT INITIALIZED FOR VSAM PROCESSING

DMSLDS002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSLDS003E INVALID OPTION 'option'
DMSLDS048E INVALID MODE 'mode'
DMSLDS069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSLDS220R ENTER DATA SET NAME:
DMSLDS221E INVALID DATA SET NAME
DMSLDS222E I/O ERROR READING 'data set name' FROM {'fm'|OS|DOS} DISK
DMSLDS223E NO FILEMODE SPECIFIED
DMSLDS226E NO DATA SET NAME ALLOWED WITH FREE OPTION
DMSLDS227W INVALID EXTENT FOUND FOR 'datasetname' ON 'fm' DISK
DMSLDS229I NO MEMBERS FOUND
DMSLDS231E I/O ERROR READING VTOC FROM {'fm'|OS|DOS} DISK
DMSLDS233I NO FREE SPACE AVAILABLE ON 'fm' DISK

DMSLGT002I FILE 'fn' [TXTLIB|LOADLIB] NOT FOUND

DMSLIC096S UNSUPPORTED FUNCTION IN A LIOCS ROUTINE

DMSLIO001E NO FILENAME SPECIFIED
DMSLIO002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSLIO002I FILE 'fn' [TXTLIB|LOADLIB] NOT FOUND
DMSLIO003E INVALID OPTION 'option'
DMSLIO005E NO 'option' SPECIFIED
DMSLIO021E ENTRY POINT 'name' NOT FOUND
DMSLIO029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSLIO055E NO ENTRY POINT DEFINED
DMSLIO056E FILE 'fn ft [fm]' CONTAINS INVALID {NAME|ALIAS|ENTRY|ESD} RECORD FORMATS
DMSLIO099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSLIO104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSLIO105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSLIO109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSLIO116S LOADER TABLE OVERFLOW
DMSLIO168S PSEUDO REGISTER TABLE OVERFLOW
DMSLIO169S ESDID TABLE OVERFLOW
DMSLIO201W THE FOLLOWING NAMES ARE UNDEFINED:
DMSLIO202W DUPLICATE IDENTIFIER 'identifier'
DMSLIO203W "SET LOCATION COUNTER" NAME 'name' UNDEFINED
DMSLIO206W PSEUDO REGISTER ALIGNMENT ERROR
DMSLIO623S MODULE CANNOT BE LOADED AT LOCATION 'location' BECAUSE IT
WOULD OVERLAY THE CMS NUCLEUS
DMSLIO740I EXECUTION BEGINS ...
DMSLIO907T I/O ERROR ON FILE 'fn ft fm'

DMSLKD001E NO FILENAME SPECIFIED
DMSLKD002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSLKD004W WARNING MESSAGES ISSUED
DMSLKD005E NO 'option' SPECIFIED
DMSLKD006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSLKD007E FILE 'fn ft fm' [IS] NOT FIXED, 80 CHAR. RECORDS
DMSLKD008W ERROR MESSAGES ISSUED
DMSLKD012W SEVERE ERROR MESSAGES ISSUED
DMSLKD016W TERMINAL ERROR MESSAGES ISSUED
DMSLKD070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}

DMSLLU003E INVALID OPTION 'option'
DMSLLU006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']

DMSLLU070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSLLU099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSLLU105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSLLU303E NO SYSxxx SATISFIES REQUEST

DMSLOS002I [INPUT|OVERLAY] {FILE(S)|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSLOS004E {BOOK 'subl.book'|MODULE 'module'|PHASE 'phase'|PROCEDURE 'procedure'}
NOT FOUND
DMSLOS013E MEMBER 'name' NOT FOUND IN LIBRARY '['fn ft fm'|libname]'
DMSLOS073E UNABLE TO OPEN FILE ddname
DMSLOS089E {OPEN|CLOSE} ERROR CODE 'nn' ON {fn|SYSxxx|TAPn}

DMSLST002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [fn [fm]]'] NOT FOUND
DMSLST003E INVALID OPTION 'option'
DMSLST037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSLST048E INVALID MODE 'mode'
DMSLST066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSLST069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSLST070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSLST105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSLST688E 'XEDIT' OPTION ONLY VALID FROM XEDIT ENVIRONMENT
DMSLST689E FILE MUST BE F-FORMAT 108 OR V-FORMAT

DMSMCM093E MVCOM MACRO ATTEMPT TO ALTER OTHER THAN POSITION 12-23 OF COMREG
DMSMCM094E FROM ADDRESS ON MVCOM MACRO INVALID

DMSMDP001E NO FILENAME SPECIFIED
DMSMDP002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSMDP018E NO LOAD MAP AVAILABLE
DMSMDP070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}

DMSMOD001E NO FILENAME SPECIFIED
DMSMOD002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSMOD003E INVALID OPTION 'option'
DMSMOD005E NO 'option' SPECIFIED
DMSMOD021E ENTRY POINT 'name' NOT FOUND
DMSMOD032E INVALID FILETYPE 'ft'
DMSMOD037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSMOD040E NO FILES LOADED
DMSMOD070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSMOD084E INVALID USE OF 'FROM' AND 'TO' OPTIONS
DMSMOD104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSMOD105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSMOD109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSMOD114E 'fn ft fm' NOT LOADED; CMS/DOS ENVIRONMENT [NOT] ACTIVE
DMSMOD116S LOADER TABLE OVERFLOW
DMSMOD520E INVALID OPERAND : operand
DMSMOD529E SUBCOMMAND IS ONLY VALID IN {DISPLAY|EDITING} MODE
DMSMOD545E MISSING OPERAND(S)

DMSMVE002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSMVE003E INVALID OPTION 'option'
DMSMVE037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSMVE041E INPUT AND OUTPUT FILES ARE THE SAME
DMSMVE048E INVALID MODE 'mode'
DMSMVE069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSMVE070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSMVE073E UNABLE TO OPEN FILE ddname

DMSMVE075E DEVICE 'devicename' INVALID FOR {INPUT|OUTPUT}
DMSMVE086E INVALID DDNAME 'ddname'
DMSMVE127S UNSUPPORTED DEVICE FOR ddname
DMSMVE128S I/O ERROR ON INPUT AFTER READING nnn RECORDS: INPUT ERROR code ON ddname
DMSMVE129S I/O ERROR ON OUTPUT WRITING RECORD NUMBER nnnn: OUTPUT ERROR code ON ddname
DMSMVE130S BLOCKSIZE ON V FORMAT FILE ddname IS LESS THAN 9
DMSMVE225I PDS MEMBER 'membername' MOVED
DMSMVE226I END OF PDS MOVE
DMSMVE232E INVALID RECFM -- SPANNED RECORDS NOT SUPPORTED
DMSMVE706I TERM INPUT -- TYPE NULL LINE FOR END OF DATA
DMSMVE708I DISK FILE 'FILE ddname A1' ASSUMED FOR DDNAME 'ddname'

DMSMVG089E {OPEN|CLOSE} ERROR CODE 'nn' ON {fn|SYSxxx|TAPn}

DMSNAM002E FILE 'fn ft fm' NOT FOUND
DMSNAM003E INVALID OPTION 'option'
DMSNAM029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSNAM104S ERROR 'nn' READING FILE 'fn ft fm' FROM {DISK|XEDIT}
DMSNAM156E {FROM|RECORD} 'nnn' NOT FOUND - FILE 'fn ft fm' HAS ONLY 'nnn' RECORDS
DMSNAM618E NUCEXT FAILED
DMSNAM621E BAD PLIST: NAMEFIND MUST BE INVOKED AS A NUCLEUS EXTENSION
DMSNAM622E INSUFFICIENT FREE STORAGE FOR NAMEFIND
DMSNAM622W INSUFFICIENT FREE STORAGE FOR NAMEFIND BUFFER, PROCESSING CONTINUES
DMSNAM633E TOO MANY TAGS WERE ENCOUNTERED. MAXIMUM IS 64 PER LINE
DMSNAM633W RETURNED VALUES WERE TRUNCATED
DMSNAM634E NO VALUE TO SEARCH FOR WAS SPECIFIED
DMSNAM635I NO ENTRIES WERE FOUND THAT MATCHED YOUR SEARCH CRITERIA
DMSNAM637E MISSING VALUE FOR THE 'option' OPTION
DMSNAM688E 'XEDIT' OPTION ONLY VALID FROM XEDIT ENVIRONMENT

DMSNCP001E NO FILENAME SPECIFIED
DMSNCP002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSNCP003E INVALID OPTION 'option'
DMSNCP013E MEMBER 'name' NOT FOUND IN LIBRARY '['fn ft fm'|libname]'
DMSNCP021E ENTRY POINT 'name' NOT FOUND
DMSNCP025E INVALID DATA IN 370X CONTROL PROGRAM
DMSNCP045E UNSUPPORTED 370X CONTROL PROGRAM TYPE
DMSNCP056E FILE 'fn ft [fm]' CONTAINS INVALID {NAME|ALIAS|ENTRY|ESD} RECORD FORMATS
DMSNCP099W GENERATION PARAMETERS INCOMPATIBLE WITH VM/SP
DMSNCP109S VIRTUAL STORAGE CAPACITY EXCEEDED

DMSNXD050E PARAMETER MISSING AFTER NUCXDROP
DMSNXD070E INVALID ARGUMENT 'argument'
DMSNXD616W 'name' DOES NOT EXIST
DMSNXD617E ERROR CODE n FROM DMSFRET WHILE UNLOADING 'module name' MODULE
DMSNXD624W NO NUCLEUS EXTENSIONS ARE LOADED

DMSNXL001E NO FILENAME SPECIFIED
DMSNXL070E INVALID ARGUMENT 'argument'
DMSNXL104S ERROR 'n' READING FILE 'fn ft fm' FROM {DISK|XEDIT}
DMSNXL589E MISSING FILEDEF FOR DDNAME ddname
DMSNXL618E NUCEXT FAILED
DMSNXL619E MODULE 'module name' NOT FOUND
DMSNXL622E INSUFFICIENT FREE STORAGE

DMSNXM070E INVALID PARAMETER 'parameter'
DMSNXM622E INSUFFICIENT FREE STORAGE (nn ENTRIES)
DMSNXM624I NO NUCLEUS EXTENSIONS ARE LOADED

DMSOPL089E {OPEN|CLOSE} ERROR CODE 'nn' ON {fn|SYSxxx|TAPn}
DMSOPL158E NO CMS/DOS PROCEDURE LIBRARY SUPPORT

DMSOPL070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSOPL099E CMS/DOS ENVIRONMENT NOT ACTIVE

DMSOSR052E MORE THAN 100 CHARS OF OPTIONS SPECIFIED
DMSOSR070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}

DMSOVR014E INVALID KEYWORD 'function'
DMSOVR047E NO FUNCTION SPECIFIED
DMSOVR104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSOVR109S VIRTUAL STORAGE CAPACITY EXCEEDED

DMSPDP088E UNSUPPORTED DTF TYPE 'dtftype'

DMSPIO113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED
DMSPIO145S INTERVENTION REQUIRED ON {PRINTER|PUNCH}

DMSPOL070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}

DMSPOP002E {INPUT|OVERLAY} {FILE[(S)] DATE SET|NOTE}
;'fn [ft [fm]]} NOT FOUND
DMSPOP003E INVALID OPTION 'option'
DMSPOP047E NO FUNCTION SPECIFIED
DMSPOP104S ERROR 'nn' READING FILE 'fn ft fm' FROM {DISK|XEDIT}
DMSPOP105S ERROR 'nn' WRITING FILE "fn ft fm" {ON DISK|TO XEDIT}
DMSPOP620E RTABLE ERROR ON LINE 'nnn' - {NON-NUMERIC VALUE SPECIFIED|
INCORRECT NUMBER OF PARAMETERS|MISALIGNED FIELD|INVALID PROP USERID}
DMSPOP690E {PROPCHK|HOSTCHK} NOT SPECIFIED IN RTABLE
DMSPOP709E PROPCHK NOT SPECIFIED IN RTABLE FOR NODE 'nodeid'
DMSPOP713E CANNOT CONNECT TO MESSAGE SYSTEM SERVICE, CMSIUCV ERROR, CODE=code
DMSPOP714E CANNOT CONNECT TO MESSAGE SYSTEM SERVICE, SERVICE ALREADY IN USE

DMSPQQ148T SYSTEM ABEND CALLED FROM 'addr'
DMSPQQ620E RTABLE ERROR ON LINE 'nnn' -
DMSPQQ691I VMDUMP TAKEN, PROP WILL IPL CMS
DMSPQQ692I ACTION ROUTINE 'name' ABENDED, PROP CONTINUING
DMSPQQ693E MISSING 'statement' STATEMENT IN RTABLE
DMSPQQ694E MORE THAN ONE 'statement' STATEMENT IN RTABLE

DMSPOR014E INVALID FUNCTION 'function'
DMSPOR047E NO FUNCTION SPECIFIED
DMSPOR070E INVALID PARAMETER {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSPOR105S ERROR 'nn' WRITING FILE 'fn ft fm' {ON DISK|TO XEDIT}
DMSPOR513E UNKNOWN CP/CMS COMMAND
DMSPOR626E INVALID ACTION ROUTINE PARAMETER 'parameter'
DMSPOR627E RESULT IS 'nnnn' BYTES TOO LARGE FOR CP COMMAND BYTES
DMSPOR690E {PROPCHK|HOSTCHK} NOT SPECIFIED IN RTABLE
DMSPOR709E PROPCHK NOT SPECIFIED IN RTABLE FOR NODE 'nodeid'

DMSPOW117S ERROR WRITING TO DISPLAY TERMINAL
DMSPOW529E SUBCOMMAND IS ONLY VALID IN {DISPLAY|EDITING} MODE

DMSPQU520E INVALID OPERAND : operand
DMSPQU553I EDITING FILE: fn ft fm
DMSPQU577E FILE HAS BEEN CHANGED. USE QQUIT TO QUIT ANYWAY

DMSPSH646E 'macroname' MUST BE INVOKED FROM THE PREFIX AREA
DMSPSH659E INVALID PREFIX SUBCOMMAND: nnnn
DMSPSH661E PREFIX 'name' IS INVALID FOR THE LINE ON WHICH IT WAS ENTERED
DMSPSH686E SYNONYM 'name' NOT RECOGNIZED BY PREFIX MACRO 'macroname'

DMSPSW646E 'macroname' MUST BE INVOKED FROM THE PREFIX AREA
DMSPSW659E INVALID PREFIX SUBCOMMAND: nnnn
DMSPSW661E PREFIX 'name' IS INVALID FOR THE LINE ON WHICH IT WAS ENTERED

DMSPPX646E 'macroname' MUST BE INVOKED FROM THE PREFIX AREA
DMSPPX659E INVALID PREFIX SUBCOMMAND: nnnn
DMSPPX661E PREFIX 'name' IS INVALID FOR THE LINE ON WHICH IT WAS ENTERED
DMSPPX686E SYNONYM 'name' NOT RECOGNIZED BY PREFIX MACRO 'macroname'

DMSPRE001E NO FILENAME SPECIFIED
DMSPRE002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSPRE109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSPRE183E INVALID {CONTROL|AUX} FILE CONTROL CARD
DMSPRE234E ERROR IN LOAD LIST FILE 'fn ft fm' [NO INPUT]
DMSPRE235E ERROR 'n' IN INPUT TEXT FILE 'fn ft [fm]'
DMSPRE236E UNRESOLVED EXTERNAL REFERENCE(S) ENCOUNTERED
DMSPRE237E DUPLICATE EXTERNAL SYMBOL(S) ENCOUNTERED
DMSPRE238E PRELOADER PROCESSING ERROR

DMSPRTO02E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSPRTO03E INVALID OPTION 'option'
DMSPRTO08E DEVICE 'vaddr' {INVALID OR NONEXISTENT|UNSUPPORTED DEVICE TYPE}
DMSPRTO13E MEMBER 'name' NOT FOUND IN LIBRARY '['fn ft fm'|libname]'
DMSPRTO29E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSPRTO33E FILE 'fn ft fm' IS NOT A LIBRARY
DMSPRTO39E NO ENTRIES IN LIBRARY 'fn ft fm'
DMSPRTO44E RECORD LENGTH EXCEEDS ALLOWABLE MAXIMUM
DMSPRTO48E INVALID MODE 'mode'
DMSPRTO54E INCOMPLETE FILEID SPECIFIED
DMSPRTO62E INVALID [CHAR|CHARACTER] '[=*|char]' IN [OUTPUT] FILEID ['fn ft [fm]]'
DMSPRTO69E DISK {'mode'|'vaddr'|'valid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSPRTO70E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSPRTO104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSPRTO123S ERROR 'nn' {PRINTING|PUNCHING} FILE 'fn ft fm'

DMSPRV003E INVALID OPTION 'option'
DMSPRV004E {BOOK 'subl.book'|MODULE 'module'|PHASE 'phase'|PROCEDURE 'procedure'}
NOT FOUND
DMSPRV006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSPRV037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSPRV070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSPRV097E NO 'SYSRES' VOLUME ACTIVE
DMSPRV098E NO {PHASE|PROCEDURE} NAME SPECIFIED
DMSPRV099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSPRV105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSPRV113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED
DMSPRV411S {INPUT|OUTPUT} ERROR CODE 'nn' ON 'SYSxxx'

DMSPUN002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSPUN003E INVALID OPTION 'option'
DMSPUN008E DEVICE vaddr {INVALID OR NONEXISTENT|UNSUPPORTED DEVICE TYPE}
DMSPUN013E MEMBER 'name' NOT FOUND IN LIBRARY '['fn ft fm'|libname]'
DMSPUN033E FILE 'fn ft fm' IS NOT A LIBRARY
DMSPUN039E NO ENTRIES IN LIBRARY 'fn ft fm'
DMSPUN044E RECORD LENGTH EXCEEDS ALLOWABLE MAXIMUM
DMSPUN054E INCOMPLETE FILEID SPECIFIED
DMSPUN062E INVALID [CHAR|CHARACTER] '[=*|char]' IN [OUTPUT] FILEID ['fn ft [fm]]'
DMSPUN069E DISK {'mode'|'vaddr'|'valid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSPUN104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSPUN118S ERROR PUNCHING FILE {'fn ft fm'}
DMSPUN123S ERROR 'nn' {PRINTING|PUNCHING} FILE 'fn ft fm'

DMSQRS006E NO READ/WRITE ['A'] DISK ACCESS [FOR 'fn ft']
DMSQRS026E INVALID PARAMETER 'parameter' FOR 'function' FUNCTION

DMSQRS109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSQRS639E ERROR IN 'routine' ROUTINE. RETURN CODE WAS 'xx'

DMSQRT109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSQRT639E ERROR IN 'routine' ROUTINE. RETURN CODE WAS 'xx'

DMSQRU109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSQRU324I NO USER DEFINED {DLBL|FILEDEF|LABELDEF}'s IN EFFECT
DMSQRU639E ERROR IN 'routine' ROUTINE. RETURN CODE WAS 'xx'

DMSQRV026E INVALID PARAMETER 'parameter' FOR 'function' FUNCTION
DMSQRV109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSQRV639E ERROR IN 'routine' ROUTINE. RETURN CODE WAS 'nn'

DMSQRW109T VIRTUAL STORAGE CAPACITY EXCEEDED
DMSQRW639E ERROR IN 'routine' ROUTINE. RETURN CODE WAS 'nn'

DMSQRX099E CMS/DOS ENVIRONMENT {NOT} ACTIVE
DMSQRX109T VIRTUAL STORAGE CAPACITY EXCEEDED
DMSQRX324I NO USER DEFINED {DLBL|FILEDEF|LABELDEF}'s IN EFFECT
DMSQRX639E ERROR IN 'routine' ROUTINE. RETURN CODE WAS 'xx'

DMSQRY003E INVALID OPTION 'option'
DMSQRY005E NO 'option' SPECIFIED
DMSQRY014E INVALID FUNCTION 'function'
DMSQRY026E INVALID PARAMETER 'parameter' FOR 'function' FUNCTION
DMSQRY047E NO FUNCTION SPECIFIED
DMSQRY065E 'option' OPTION SPECIFIED TWICE
DMSQRY066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSQRY070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSQRY099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSQRY109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSQRY618E NUCEXT FAILED
DMSQRY621E BAD PLIST:

DMSRDC008E DEVICE 'vaddr' {INVALID OR NONEXISTENT|UNSUPPORTED DEVICE TYPE}
DMSRDC037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
{'A' MUST BE R/W FOR 'DISK LOAD'}

DMSRDC042E NO FILEID(S) SPECIFIED
DMSRDC054E INCOMPLETE FILEID SPECIFIED
DMSRDC062E INVALID [CHAR|CHARACTER] '[=*|char]' IN [OUTPUT] FILEID ['fn ft [fm]']
DMSRDC105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSRDC124S ERROR READING CARD FILE
DMSRDC205W READER EMPTY OR NOT READY
DMSRDC701I NULL FILE
DMSRDC702I [READ CONTROL CARD MISSING. FOLLOWING ASSUMED:] :READ {fn ft fm|READCARD
CMSUT1 A1}

DMSRDC738I RECORD LENGTH IS 'nnn' BYTES

DMSRDR070E INVALID PARAMETER 'parameter'
DMSRDR630E ERROR ACCESSING SPOOL FILE

DMSREA830E I/O ERROR READING A RECORD FROM THE ERROR RECORDING CYLINDERS

DMSREX450E Error 5 running fn ft, line nn: Machine storage exhausted
DMSREX451E Error 3 running fn ft, line nn: Program is unreadable
DMSREX452E Error 4 running fn ft, line nn: Program interrupted
DMSREX453E Error 6 running fn ft, line nn: Unmatched "/" or quote
DMSREX454E Error 7 running fn ft, line nn: WHEN or OTHERWISE expected
DMSREX455E Error 8 running fn ft, line nn: Unexpected THEN or ELSE
DMSREX456E Error 9 running fn ft, line nn: Unexpected WHEN or OTHERWISE
DMSREX457E Error 10 running fn ft, line nn: Unexpected or unmatched END
DMSREX458E Error 11 running fn ft, line nn: Control stack full

DMSREX459E Error 12 running fn ft, line nn: Clause > 500 characters
DMSREX460E Error 13 running fn ft, line nn: Invalid character in data
DMSREX461E Error 14 running fn ft, line nn: Incomplete DO/SELECT/IF
DMSREX462E Error 15 running fn ft, line nn: Invalid Hex constant
DMSREX463E Error 16 running fn ft, line nn: Label not found
DMSREX464E Error 21 running fn ft, line nn: Invalid data on end of clause
DMSREX465E Error 17 running fn ft, line nn: Unexpected PROCEDURE
DMSREX466E Error 26 running fn ft, line nn: Invalid whole number
DMSREX467E Error 27 running fn ft, line nn: Invalid DO syntax
DMSREX468E Error 30 running fn ft, line nn: Name or String > 250 characters
DMSREX469E Error 31 running fn ft, line nn: Name starts with numeric or "."
DMSREX470E Error 34 running fn ft, line nn: Logical value not 0 or 1
DMSREX471E Error 35 running fn ft, line nn: Invalid expression
DMSREX472E Error 36 running fn ft, line nn: Unmatched "(" in expression
DMSREX473E Error 37 running fn ft, line nn: Unexpected "," or ")"
DMSREX474E Error 39 running fn ft, line nn: Evaluation stack overflow
DMSREX475E Error 40 running fn ft, line nn: Incorrect call to routine
DMSREX476E Error 41 running fn ft, line nn: Bad arithmetic conversion
DMSREX477E Error 42 running fn ft, line nn: Arithmetic Overflow/Underflow
DMSREX478E Error 43 running fn ft, line nn: Routine not found
DMSREX479E Error 44 running fn ft, line nn: Function did not return data
DMSREX480E Error 45 running fn ft, line nn: No data specified on function RETURN
DMSREX481E Error 49 running fn ft, line nn: Interpreter failure
DMSREX482E Error 19 running fn ft, line nn: String or symbol expected
DMSREX483E Error 20 running fn ft, line nn: Symbol expected
DMSREX484E Error 24 running fn ft, line nn: Invalid TRACE request
DMSREX485E Error 25 running fn ft, line nn: Invalid su-keyword found
DMSREX486E Error 28 running fn ft, line nn: Invalid LEAVE or ITERATE
DMSREX487E Error 29 running fn ft, line nn: Environment name too long
DMSREX488E Error 33 running fn ft, line nn: Invalid expression result
DMSREX489E Error 38 running fn ft, line nn: Invalid template or pattern
DMSREX490E Error 48 running fn ft, line nn: Failure in System service
DMSREX491E Error 18 running fn ft, line nn: THEN expected
DMSREX492E Error 32 running fn ft, line nn: Invalid use of stem

DMSRNM002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSRNM003E INVALID OPTION 'option'
DMSRNM019E IDENTICAL FILEIDS
DMSRNM024E FILE 'fn ft fm' ALREADY EXISTS [-- SPECIFY 'REPLACE']
DMSRNM030E FILE 'fn ft fm' ALREADY ACTIVE
DMSRNM037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSRNM048E INVALID MODE 'mode'
DMSRNM051E INVALID MODE CHANGE
DMSRNM054E INCOMPLETE FILEID SPECIFIED
DMSRNM062E INVALID [CHAR|CHARACTER] '[=*|char]' IN [OUTPUT] FILEID ['fn ft [fm]]'
DMSRNM069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}

DMSRRV003E INVALID OPTION 'option'
DMSRRV004E {BOOK 'subl.book'|MODULE 'module'|PHASE 'phase'|PROCEDURE 'procedure'}
NOT FOUND
DMSRRV006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSRRV070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSRRV097E NO 'SYSRES' VOLUME ACTIVE
DMSRRV098E NO {PHASE|PROCEDURE} NAME SPECIFIED
DMSRRV099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSRRV105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSRRV113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED
DMSRRV411S {INPUT|OUTPUT} ERROR CODE 'nn' ON 'SYSxxx'

DMSRSV037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
{'A' MUST BE R/W for 'DISK LOAD'}
DMSRSV042E NO FILEID[(S)] SPECIFIED
DMSRSV054E INCOMPLETE FILEID SPECIFIED
DMSRSV069E [OUTPUT] DISK 'mode' NOT ACCESSED
DMSRSV070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSRSV109T VIRTUAL STORAGE CAPACITY EXCEEDED
DMSRSV260E DISK NOT PROPERLY FORMATTED FOR RESERVE
DMSRSV908E FILE SYSTEM ERROR DETECTED. VIRTUAL ADDRESS 'vaddr' REASON CODE 'nn'
DMSRSV909E PERM I/O ERROR ON 'vaddr'. CSW ccccccc SENSE ssssssss

DMSRUN001E NO FILENAME SPECIFIED
DMSRUN002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSRUN048E INVALID MODE 'mode'
DMSRUN070E INVALID ARGUMENT 'argument'
DMSRUN999E NO ft MODULE FOUND

DMSSBS120S {IN|OUT} PUT ERROR CODE 'nn' ON 'ddname'

DMSSCH520E INVALID OPERAND : operand
DMSSCH525E INVALID {PFKEY|PFKEY/KEY} NUMBER
DMSSCH529E SUBCOMMAND IS ONLY VALID IN {DISPLAY|EDITING} MODE
DMSSCH545E MISSING OPERAND(S)
DMSSCH551I STRING 'string' FOUND. --- PFnn SET FOR SELECTIVE CHANGE
DMSSCH561E CURSOR IS NOT ON A VALID DATA FIELD
DMSSCH569E NO 'CHANGE' OR 'CLOCATE' SUBCOMMAND SPECIFIED
DMSSCH574E CHANGE NOT VALID {WITH CLOCATE|AFTER CURSOR MOVEMENT}
DMSSCH586E NOT FOUND [ON SCREEN]

DMSSCR151E 3278 MOD 5 DISPLAY TERMINAL NOT SUPPORTED BY OLD CMS EDITOR

DMSSCT120S {IN/OUT}PUT ERROR 'code' ON 'ddname'

DMSSEB429I 'TAPn (raddr)' EOT ON OUTPUT

DMSSEG403S filename SHARED SEGMENT NOT AVAILABLE - RELOAD CMSDOS

DMSSET014E INVALID KEYWORD 'function'
DMSSET026E INVALID PARAMETER 'parameter' FOR 'function' FUNCTION
DMSSET031E LOADER TABLES CANNOT BE MODIFIED
DMSSET047E NO FUNCTION SPECIFIED
DMSSET048E INVALID MODE 'mode'
DMSSET050E PARAMETER MISSING AFTER {DDNAME|SYSxxx|function}
DMSSET061E NO TRANSLATION CHARACTER SPECIFIED
DMSSET070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSSET098W CMS OS SIMULATION NOT AVAILABLE
DMSSET099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSSET100W SHARED {SSTAT|YSTAT} NOT AVAILABLE
DMSSET142S SAVED SYSTEM NAME 'name' INVALID
DMSSET333E nnnnnK PARTITION TOO LARGE FOR THIS VIRTUAL MACHINE
DMSSET400S SYSTEM 'sysname' DOES NOT EXIST
DMSSET401S VM SIZE (size) CANNOT EXCEED 'sysname' START ADDRESS (address)
DMSSET410S CONTROL PROGRAM ERROR INDICATION 'retcode'
DMSSET444E VOLUME 'label' IS NOT A DOS SYSRES

DMSSLN002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSSLN104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSSLN350E MODULE IS MARKED NOT EXECUTABLE
DMSSLN351E MODULE IS MARKED ONLY LOADABLE

DMSSMN109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSSMN133S INVALID GETMAIN OR FREEMAIN SPECIFICATION

DMSSOP036E OPEN ERROR CODE 'nn' ON 'ddname'
 DMSSOP036W UPDATE REQUESTED FOR READ-ONLY DISK
 DMSSOP109S VIRTUAL STORAGE CAPACITY EXCEEDED

 DMSSOR520E INVALID OPERAND : operand

 DMSSPL561E CURSOR IS NOT ON A VALID DATA FIELD
 DMSSPL562E OPTION 'CURSOR' VALID IN DISPLAY MODE ONLY
 DMSSPL575E INVALID {JOIN|SPLIT|TABS|VERIFY|ZONE} COLUMNS DEFINED
 DMSSPL585E NO LINE(S) CHANGED
 DMSSPL586E NOT FOUND

 DMSSPRO02E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
 DMSSPRO14E INVALID FUNCTION 'function'
 DMSSPRO26E INVALID PARAMETER 'parameter' FOR 'function' FUNCTION
 DMSSPR113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
 NOT ATTACHED
 DMSSPR145S INTERVENTION REQUIRED ON {PRINTER|PUNCH}
 DMSSPR196I PRT vaddr SETUP COMPLETE
 DMSSPR197S UNDIAGNOSED ERROR FROM PRINTER 'OOE'
 DMSSPR198E SETPRT CAUSED A LOAD CHECK - SNS=ssssssss
 DMSSPR199E PRT 'OOE' NOT A VIRTUAL 3800
 DMSSPR204E TOO MANY WCGM'S NEEDED FOR 'CHARS'
 DMSSPR352E INVALID SETPRT DATA IN FILE 'fn ft'

 DMOSRS001E NO FILENAME SPECIFIED

 DMSSRT002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
 DMSSRT009E COLUMN 'col' EXCEEDS RECORD LENGTH
 DMSSRT019E IDENTICAL FILEIDS
 DMSSRT034E FILE 'fn ft fm' IS NOT FIXED LENGTH
 DMSSRT037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
 {'A' MUST BE R/W FOR 'DISK LOAD'}
 DMSSRT053E INVALID SORT FIELD PAIR DEFINED
 DMSSRT054E INCOMPLETE FILEID SPECIFIED
 DMSSRT062E INVALID [CHAR|CHARACTER] '[=*|char]' IN [OUTPUT] FILEID ['fn ft [fm]]'
 DMSSRT063E NO [SORT|TRANSLATION|SPECIFICATION] LIST {ENTERED|GIVEN}
 DMSSRT069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
 {'A' MUST BE R/W FOR 'DISK LOAD'}
 DMSSRT053E INVALID SORT FIELD PAIR DEFINED
 DMSSRT070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
 DMSSRT104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
 DMSSRT105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
 DMSSRT212E MAXIMUM NUMBER OF RECORDS EXCEEDED
 DMSSRT604R ENTER SORT FIELDS:
 DMSSRV003E INVALID OPTION 'option'
 DMSSRV004E {BOOK 'subl.book'|MODULE 'module'|PHASE 'phase'|PROCEDURE 'procedure'}
 NOT FOUND
 DMSSRV006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
 DMSSRV070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
 DMSSRV097E NO 'SYSRES' VOLUME ACTIVE
 DMSSRV098E NO {PHASE|PROCEDURE} NAME SPECIFIED
 DMSSRV099E CMS/DOS ENVIRONMENT NOT ACTIVE
 DMSSRV105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
 DMSSRV113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
 NOT ATTACHED
 DMSSRV194S BOOK 'subl.book' CONTAINS BAD RECORDS
 DMSSRV411S {INPUT|OUTPUT} ERROR CODE 'nn' ON 'SYSxxx'

 DMSSSK070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
 DMSSSK362E INVALID STORAGE PROTECT KEY 'key'
 DMSSSK363E INVALID STARTING ADDRESS 'startadr'
 DMSSSK364E VM STORAGE NOT LARGE ENOUGH TO CONTAIN SYSTEM LOADING AT startadr to endadr
 DMSSSK365E SYSTEM NAME NOT SPECIFIED

DMSSSK400S SYSTEM 'sysname' DOES NOT EXIST
 DMSSSK410S CONTROL PROGRAM ERROR INDICATION 'retcode'

 DMSSTA024E FILE 'fn ft fm' ALREADY EXISTS [-- SPECIFY 'REPLACE']
 DMSSTA520E INVALID OPERAND : operand
 DMSSTA671E ERROR CREATING FILE 'fn ft fm' RC=xx FROM 'command'
 DMSSTA703I FILE 'fn ft [fm]' {COPIED|CREATED}

 DMSSTG109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSSTG133S INVALID GETMAIN OR FREEMAIN SPECIFICATION

 DMSSTT002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
 DMSSTT048E INVALID MODE 'mode'
 DMSSTT054E INCOMPLETE FILEID SPECIFIED
 DMSSTT062E INVALID [CHAR|CHARACTER] '[=*|char]' IN [OUTPUT] FILEID ['fn ft [fm]]'
 DMSSTT069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
 {'A' MUST BE R/W FOR 'DISK LOAD'}
 DMSSTT070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
 DMSSTT227I PROCESSING VOLUME 'no' IN DATA SET 'data set name'
 DMSSTT228I USER LABELS BYPASSED ON DATA SET 'data set name'
 DMSSTT229E UNSUPPORTED OS DATA SET, [ERROR 'code']
 DMSSTT253E FILE fn ft fm CANNOT BE HANDLED WITH SUPPLIED PARAMETER LIST

 DMSSTX326E ILLEGAL SVC svc (HEX nn) CALLED FROM addr

 DMSSVT033E FILE 'fn ft fm' IS NOT A LIBRARY
 DMSSVT119S UNSUPPORTED FORM OF {'macro'|'parm'}{MACRO|SVC}
 DMSSVT120S {IN|OUT}PUT ERROR 'code' ON 'ddname'
 DMSSVT121S UNSUPPORTED SVC svc (HEX xx) CALLED FROM addr

 DMSSYN002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
 DMSSYN003E INVALID OPTION 'option'
 DMSSYN007E FILE 'fn ft fm' [IS] NOT FIXED, 80 CHAR. RECORDS
 DMSSYN032E INVALID FILETYPE 'ft'
 DMSSYN056E FILE 'fn ft [fm]' CONTAINS INVALID {NAME|ALIAS|ENTRY|ESD} RECORD FORMATS
 DMSSYN066E 'option' AND 'option' ARE CONFLICTING OPTIONS
 DMSSYN104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
 DMSSYN711I NO SYSTEM SYNONYMS IN EFFECT
 DMSSYN712I NO SYNONYMS. (DMSINA NOT IN NUCLEUS)

 DMSTLB027E INVALID DEVICE {'device name'|'device' FOR 'SYSxxx'}
 DMSTLB043E 'TAPn(raddr)' IS FILE PROTECTED
 DMSTLB058E END-OF-FILE or END-OF-TAPE[[ON 'TAPn']]
 DMSTLB110S ERROR READING 'TAPn {raddr}'
 DMSTLB111S ERROR WRITING 'TAPn raddr'
 DMSTLB113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
 NOT ATTACHED
 DMSTLB421E 'TAPn raddr' HDRI LABEL MISSING FOR 'filename'
 DMSTLB422E 'TAPn raddr' POSITIONED WRONG FOR 'filename'
 DMSTLB423I 'TAPn raddr' POSITIONED PARAMETER IGNORED. OUTPUT FILE WILL BE WRITTEN
 IMMEDIATELY AFTER NEW VOL1 LABEL
 DMSTLB424E 'TAPn raddr' NOT POSITIONED AT EOF1 LABEL
 DMSTLB425R 'TAPn raddr' BLOCK COUNT ERROR FOR 'filename' ENTER 'IGNORE' OR 'CANCEL'
 DMSTLB426R 'TAPn raddr' UNEXPIRED FILE ENTER 'IGNORE' OR 'ERROR'
 DMSTLB427I 'TAPn raddr' EOF1 LABEL READ
 DMSTLB428I 'TAPn raddr' EOF1 LABEL WRITTEN
 DMSTLB430E 'TAPn raddr' LABELDEF INFORMATION MISSING FOR FILE 'filename'
 DMSTLB431E 'TAPn raddr' VOL1 LABEL MISSING
 DMSTLB432E 'TAPn raddr' VOLID volid DOES NOT MATCH LABELDEF VOLID FOR 'filename'
 DMSTLB433R ENTER 'WRITE (VALID) OR 'REJECT'
 DMSTLB434E 'TAPn raddr' INPUT LABEL CHECK ERROR FOR FILE 'filename'
 DMSTLB435R ENTER 'IGNORE' OR 'CANCEL'

DMSTLB436I 'TAPn raddr' MISSING USER STANDARD LABEL FOR 'ddname'
DMSTLB437I 'TAPn raddr' NSL ROUTINE RETURNED AN ERROR CODE 'nnnnnn' FOR 'filename'

DMSTMA001E NO FILENAME SPECIFIED
DMSTMA003E INVALID OPTION 'option'
DMSTMA057E INVALID RECORD FORMAT
DMSTMA070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSTMA105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSTMA109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSTMA110S ERROR READING 'TAPn {raddr}'
DMSTMA137S ERROR 'nn' ON STATE FOR 'fn ft fm'
DMSTMA138S ERROR nn ERASING fn ft BEFORE LOADING TAPE
DMSTMA139S TAPE FILE EXCEEDS 9 CMS MACLIBS
DMSTMA420E NSL EXIT FILENAME MISSING OR INVALID

DMSTPD003E INVALID OPTION 'option'
DMSTPD058E END-OF-FILE OR END-OF-TAPE [ON 'TAPn']
DMSTPD105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSTPD109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSTPD110S ERROR READING 'TAPn {raddr}'
DMSTPD420E NSL EXIT FILENAME MISSING OR INVALID
DMSTPD703I FILE 'fn ft [fm]' {COPIED|CREATED}
DMSTPD707I TEN FILES COPIED

DMSTPE002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSTPE003E INVALID OPTION 'option'
DMSTPE010E PREMATURE EOF ON FILE {'fn ft [fm]'}|NUMBER 'nn'
DMSTPE014E INVALID FUNCTION 'function'
DMSTPE017E INVALID DEVICE ADDRESS 'vaddr'
DMSTPE023E NO FILETYPE SPECIFIED
DMSTPE027E INVALID DEVICE {'device name'|'device' FOR 'SYSxxx'}
DMSTPE029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSTPE037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
{'A' MUST BE R/W FOR 'DISK LOAD'}

DMSTPE042E NO FILEID(S) SPECIFIED
DMSTPE043E 'TAPn raddr' IS FILE PROTECTED
DMSTPE047E NO FUNCTION SPECIFIED
DMSTPE048E INVALID MODE 'mode'
DMSTPE057E INVALID RECORD FORMAT
DMSTPE058E END-OF-FILE OR END-OF-TAPE [ON 'TAPn']
DMSTPE070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSTPE096E FILE 'fn ft' DATA BLOCK COUNT INCORRECT
DMSTPE104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSTPE105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSTPE109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSTPE110S ERROR READING 'TAPn {raddr}'
DMSTPE111S ERROR WRITING 'TAPn raddr'
DMSTPE113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED

DMSTPE115S {CONVERSION|{7|9}-TRACK|{800|6250} BPI|TRANSLATION|DUAL-DENSITY} FEATURE NOT
SUPPORTED ON DEVICE 'raddr'

DMSTPE431E 'TAPn raddr' VOL1 LABEL MISSING
DMSTPE701I NULL FILE

DMSTYP002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSTYP003E INVALID OPTION 'option'
DMSTYP005E NO 'option' SPECIFIED
DMSTYP009E COLUMN 'col' EXCEEDS RECORD LENGTH
DMSTYP013E MEMBER 'name' NOT FOUND IN LIBRARY '['fn ft fm'|libname]'
DMSTYP029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSTYP033E FILE 'fn ft fm' IS NOT A LIBRARY
DMSTYP039E NO ENTRIES IN LIBRARY 'fn ft fm'
DMSTYP049E INVALID LINE NUMBER 'line number'
DMSTYP054E INCOMPLETE FILEID SPECIFIED

DMSSTYP062E INVALID [CHAR|CHARACTER] '[=*|char]' IN [OUTPUT] FILEID ['fn ft [fm]']
DMSSTYP069E DISK {'mode'|'addr'|'valid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSSTYP104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK

DMSUPD001E NO FILENAME SPECIFIED
DMSUPD002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
DMSUPD003E INVALID OPTION 'option'
DMSUPD007E FILE 'fn ft fm' [IS] NOT FIXED, 80 CHAR. RECORDS
DMSUPD010W PREMATURE EOF ON FILE 'fn ft fm' -- SEQ NUMBER '.....' NOT FOUND
DMSUPD024E FILE 'fn ft fm' ALREADY EXISTS [-- SPECIFY 'REPLACE']
DMSUPD037E [OUTPUT] DISK 'mode [addr]' IS READ/ONLY.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSUPD048E INVALID MODE 'mode'
DMSUPD065E 'option' OPTION SPECIFIED TWICE
DMSUPD066E 'option' and 'option' ARE CONFLICTING OPTIONS
DMSUPD069E DISK {'mode'|'vaddr'|'valid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSUPD070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSUPD104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSUPD105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSUPD174W SEQUENCE ERROR INTRODUCED IN OUTPUT FILE: '.....' TO '.....'
DMSUPD176W SEQUENCING OVERFLOW FOLLOWING SEQ NUMBER '.....'
DMSUPD177I WARNING MESSAGES ISSUED (SEVERITY = nn). {'REP' OPTION IGNORED}
DMSUPD178I UPDATING 'fn ft fm' APPLYING 'fn ft fm' {[APPLYING 'fn ft fm']}
DMSUPD179E MISSING OR DUPLICATE 'MACS' CARD IN CONTROL FILE 'fn ft fm'
DMSUPD180W MISSING PTF FILE 'fn ft fm'
DMSUPD181E NO UPDATE FILES WERE FOUND
DMSUPD182W SEQUENCE INCREMENT IS ZERO
DMSUPD183E INVALID {CONTROL|AUX} FILE CONTROL CARD
DMSUPD184W './ S' NOT FIRST CARD IN UPDATE FILE -- IGNORED
DMSUPD185W {INVALID|NON NUMERIC} CHARACTER IN SEQUENCE FIELD '.....'
DMSUPD186W SEQUENCE NUMBER ['.....'] NOT FOUND
DMSUPD187E OPTION 'STK' INVALID WITHOUT 'CTL'
DMSUPD207W INVALID UPDATE FILE CONTROL CARD
DMSUPD210W INPUT FILE SEQUENCE ERROR '.....' TO '.....'
DMSUPD299E INSUFFICIENT STORAGE TO COMPLETE UPDATE
DMSUPD300E INSUFFICIENT STORAGE TO BEGIN UPDATE
DMSUPD304I UPDATE PROCESSING WILL BE DONE USING DISK

DMSUTL003E INVALID OPTION 'option'
DMSUTL014E INVALID FUNCTION 'function'
DMSUTL024E FILE 'fn ft fm' ALREADY EXISTS [-- SPECIFY 'REPLACE']
DMSUTL032E INVALID FILETYPE 'ft'
DMSUTL039E NO ENTRIES IN LIBRARY 'fn ft fm'
DMSUTL042E NO FILEID(S) SPECIFIED
DMSUTL047E NO FUNCTION SPECIFIED
DMSUTL054E INCOMPLETE FILEID SPECIFIED
DMSUTL065E 'option' OPTION SPECIFIED TWICE
DMSUTL066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSUTL073E UNABLE TO OPEN FILE ddname
DMSUTL901T UNEXPECTED ERROR AT 'addr': PLIST 'plist fn ft fm' AT addr, BASE addr, RC nn
DMSUTL907T I/O ERROR ON FILE 'fn ft fm'

DMSVGN069E DISK {'mode'|'vaddr'|'valid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSVGN360E INVALID RESPONSE 'response'
DMSVGN361E DISK 'mode' IS NOT A {CMS|DOS} DISK
DMSVGN362I LINK EDITING sysname
DMSVGN363I sysname DOSLIB CREATED ON DISK 'A'
DMSVGN363R ENTER LOCATION WHERE sysname WILL BE LOADED AND SAVED:
DMSVGN364I FETCHING sysname...

DMSVGN365I SYSTEM sysname SAVED
DMSVGN365R ONE OR MORE OF THE TEXT FILES LISTED IN THE fn EXEC ARE MISSING.
THE VSAM PP PID TAPE SHOULD BE ON TAPE DRIVE 181, ENTER: 'GO'
IF TAPE DRIVE IS READY TO LOADFILE OR 'QUIT' TO STOP GENERATION PROCESS
DMSVGN366R ENTER NAME OF SYSTEM TO BE SAVED:
DMSVGN368I count MODULES HAVE BEEN RESTORED
DMSVGN368R ERASE sysname DOSLIB?...ENTER 'YES' OR 'NO':
DMSVGN371R 'sysname' IS LOADED. ENTER CP MODE TO APPLY ZAPS, ELSE 'NULL'

DMSVIB109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSVIB400S SYSTEM 'sysname' DOES NOT EXIST
DMSVIB401S VM SIZE (size) CANNOT EXCEED 'sysname' START ADDRESS (address)
DMSVIB410S CONTROL PROGRAM ERROR INDICATION 'retcode'

DMSVIP109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSVIP230E NO. OF VSAM EXIT ROUTINES HAS EXCEEDED MAX OF 128 - UNABLE TO CONTINUE
DMSVIP778E OPEN ERROR ON ddname: POSSIBLE VOLUME ERROR. SEE VSE/VSAM
DOCUMENTATION FOR OPEN ERROR CODE code
DMSVIP779E OPEN ERROR ON ddname: POSSIBLE USER PROGRAMMING ERROR. SEE
VSE/VSAM DOCUMENTATION FOR OPEN ERROR CODE code
DMSVIP780E OPEN ERROR ON ddname: POSSIBLE DLBL/EXTENT ERROR. SEE
VSE/VSAM DOCUMENTATION FOR OPEN ERROR CODE code
DMSVIP781E OPEN ERROR ON ddname: POSSIBLE CATALOG ERROR. SEE VSE/VSAM
DOCUMENTATION FOR OPEN ERROR CODE code
DMSVIP782E OPEN ERROR ON ddname: POSSIBLE SYSTEM ERROR. SEE VSE/VSAM
DOCUMENTATION FOR OPEN ERROR CODE code
DMSVIP783E CLOSE ON ddname: POSSIBLE USER PROGRAMMING ERROR. SEE
VSE/VSAM DOCUMENTATION FOR CLOSE ERROR CODE code
DMSVIP784E CLOSE ERROR ON ddname: POSSIBLE SYSTEM ERROR. SEE VSE/VSAM
DOCUMENTATION FOR CLOSE ERROR CODE code
DMSVIP785E ERROR IN REQUEST MACRO PROCESSING: POSSIBLE USER PROGRAMMING
ERROR. SEE VSE/VSAM ERROR CODE code, RETURN CODE code
DMSVIP786E ERROR IN REQUEST MACRO PROCESSING: POSSIBLE SYSTEM ERROR.
SEE VSE/VSAM ERROR CODE code, RETURN CODE code

DMSVLT089E {OPEN|CLOSE} ERROR CODE 'nn' ON {fn|SYSxxx|TAPn}

DMSVMF006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSVMF035E INVALID TAPE MODE
DMSVMF047E NO FUNCTION SPECIFIED
DMSVMF058E END-OF-FILE OR END-OF-TAPE [ON 'TAPn']
DMSVMF070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSVMF104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVMF105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSVMF109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSVMF110S ERROR READING 'TAPn {(raddr)}'
DMSVMF113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED
DMSVMF117S ERROR WRITING TO DISPLAY TERMINAL
DMSVMF383R APPLY 'fn'? ...ENTER 'NO' OR EOB:

DMSVPD070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSVPD105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSVPD109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSVPD110S ERROR READING 'TAPn {raddr}'
DMSVPD113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED
DMSVPD368I count MODULES HAVE BEEN RESTORED
DMSVPD383R APPLY 'fn'? ...ENTER 'NO' OR EOB:

DMSWDC651E DISCARD MUST BE ISSUED FROM RDRLIST, PEEK OR FILELIST
DMSWDC652E MISSING OPERAND(S). ENTER EXECUTE [n] DISCARD
DMSWDC653E ERROR EXECUTING 'command', RC=nn

DMSWDF014E INVALID FUNCTION 'function'
DMSWDF029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSWDF637E MISSING VALUE FOR THE PROFILE|FROM|FOR|NOTEBOOK OPTION
DMSWDF641E NO {COMMAND|OPTIONS} SPECIFIED
DMSWDF642E DEFAULTS DOES NOT ACCEPT {'command' COMMAND|'option' OPTION FOR 'command'}
DMSWDF653E ERROR EXECUTING 'GLOBALV', RC=nn

DMSWEX526E OPTION 'CURSOR' VALID IN DISPLAY MODE ONLY
DMSWEX561E CURSOR IS NOT ON A VALID DATA FIELD
DMSWEX651E 'EXECUTE' MUST BE ISSUED FROM FILELIST OR RDRLIST
DMSWEX654E INVALID SYMBOL 'symbol' {'/' MUST BE SPECIFIED ALONE|INVALID CHARACTER
'char' FOLLOWING '/' SYMBOL}

DMSWFL002E FILE 'fn ft fm' NOT FOUND
DMSWFL003E INVALID OPTION 'option'
DMSWFL054E INCOMPLETE FILEID SPECIFIED
DMSWFL062E INVALID CHARACTER 'character' IN FILEID 'fn ft'
DMSWFL070E INVALID PARAMETER 'parameter'
DMSWFL637E MISSING VALUE FOR THE 'PROFILE' OPTION
DMSWFL651E 'APPEND' MUST BE ISSUED FROM RDRLIST OR FILELIST
DMSWFL680E INVALID FILEID SPECIFIED WITH 'FILELIST' OPTION

DMSWNM645W THE USER TAG NAME 'tagname' IS TOO LONG TO DISPLAY ON THE PANEL
DMSWNM649E EXTRANEIOUS PARAMETER 'value'
DMSWNM656E ERROR SEARCHING YOUR NAMES FILE. RC=nn FROM NAMEFIND COMMAND
DMSWNM657E UNDEFINED PFKEY/PAKEY
DMSWNM658W THE VALUE FOR THE 'tag' TAG IS TOO LONG TO DISPLAY ON THE PANEL
DMSWNM660E THE NICKNAME FIELD MUST BE FILLED IN
DMSWNM660W WARNING: THIS ENTRY DUPLICATES AN EXISTING NICKNAME
DMSWNM662E YOU ARE NOT ON AN ENTRY. PRESS PF 5, 7 OR 8 TO MOVE TO AN ENTRY
DMSWNM663W THERE {IS|ARE} nn UNDISPLAYED TAG(S)
DMSWNM664E {ENTRY|PREVIOUS ENTRY|NEXT ENTRY} NOT FOUND

DMSWNT003E INVALID OPTION 'option'
DMSWNT006E NO READ/WRITE DISK ACCESSED
DMSWNT062E INVALID CHARACTER 'character' IN FILEID 'fn ft'
DMSWNT637E MISSING {VALUE|'value'} FOR THE {'option' OPTION|'operand' OPERAND}
DMSWNT647E USERID NOT SPECIFIED FOR 'nickname' IN 'userid NAMES' FILE
DMSWNT648E USERID 'name' NOT FOUND. CHECK THE "userid NAMES" FILE
DMSWNT651E {'CANCEL'|'ADD'} MUST BE ISSUED FROM NOTE
DMSWNT665E FILE 'USERID NOTE *' NOT FOUND. TO BEGIN A NEW NOTE ENTER 'NOTE name'
DMSWNT666E FILE 'USERID NOTE *' ALREADY EXISTS. ENTER 'NOTE' TO CONTINUE
OR SPECIFY 'REPLACE' OPTION
DMSWNT667E NOTE HEADER DOES NOT CONTAIN THE {KEYWORD {'FROM'|'TO'}}|'OPTIONS'
LINE|'DATE' LINE}
DMSWNT668E 'ADD' OPTION MUST BE SPECIFIED ALONE
DMSWNT669E LIST OF ADDRESSEES CANNOT BEGIN WITH 'CC:'
DMSWNT670E NO NAMES TO BE ADDED WERE SPECIFIED

DMSWPK003E INVALID OPTION 'option'
DMSWPK029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSWPK062E INVALID CHARACTER 'character' IN FILEID 'fn ft'
DMSWPK132S FILE IS TOO LARGE
DMSWPK156E FROM 'nnn' NOT FOUND - THE FILE HAS ONLY 'nnn' RECORDS
DMSWPK630S ERROR ACCESSING SPOOL FILE
DMSWPK637E MISSING VALUE FOR THE {PROFILE|FROM|FOR} OPTION
DMSWPK643E NO CLASS 'class' FILES IN YOUR READER
DMSWPK644E ALL READER FILES ARE IN HOLD STATUS OR NOT CLASS 'class'
DMSWPK649E EXTRANEIOUS PARAMETER 'value'
DMSWPK650E INVALID SPOOLID 'nnnn'
DMSWPK655E SPOOLID 'nnnn' DOES NOT EXIST
DMSWPK672E VIRTUAL READER INVALID OR NOT DEFINED
DMSWPK674E READER IS NOT READY

DMSWPK683E THE ENTIRE FILE MUST BE PEEKED AT TO BE FORMATTED
DMSWPK683W THE FILE HAS AN LRECL GREATER THAN 255 AND CANNOT BE REFORMATTED
DMSWPK684E FILE CONTAINS INVALID RECORDS AND CANNOT BE REFORMATTED
DMSWPK684W WARNING: THIS FILE HAS NO RECORDS
DMSWPK687E THIS IS A SYSTEM {HELD|DUMP} FILE. THIS FILE CANNOT
BE {PEEKED AT|RECEIVED}

DMSWRC003E INVALID OPTION 'option'
DMSWRC006E NO READ/WRITE DISK ACCESSED
DMSWRC024E FILE 'fn ft fm' ALREADY EXISTS
DMSWRC037E DISK 'mode' IS ACCESSED AS READ ONLY
DMSWRC062E INVALID CHARACTER '*' IN FILEID 'fn ft fm'
DMSWRC069E DISK 'mode' NOT ACCESSED
DMSWRC630S ERROR ACCESSING SPOOL FILE
DMSWRC637E MISSING VALUE FOR THE 'NOTEBOOK' OPTION
DMSWRC643E NO CLASS 'class' FILES IN YOUR READER
DMSWRC644E ALL READER FILES ARE IN HOLD STATUS OR NOT CLASS 'class'
DMSWRC649E EXTRANEIOUS PARAMETER 'value'
DMSWRC650E INVALID SPOOLID 'nnnn'
DMSWRC655E SPOOLID 'nnnn' DOES NOT EXIST
DMSWRC671E ERROR RECEIVING FILE 'fn ft fm', RC=nn FROM 'command'
DMSWRC672E VIRTUAL READER INVALID OR NOT DEFINED
DMSWRC674E READER IS NOT READY
DMSWRC681E THIS IS AN UNNAMED FILE. SPECIFY FILENAME AND FILETYPE
DMSWRC682E ERROR COPYING FILE 'fn ft fm', RC=nn FROM 'command'

DMSWRL003E INVALID OPTION 'option'
DMSWRL062E INVALID CHARACTER 'character' IN FILEID 'fn ft'
DMSWRL205E NO FILES IN YOUR READER
DMSWRL637E MISSING VALUE FOR THE 'PROFILE' OPTION
DMSWRL649E EXTRANEIOUS PARAMETER 'value'
DMSWRL651E 'APPEND' MUST BE ISSUED FROM RDRLIST OR FILELIST

DMKWRN400I SYSTEM {TEMP SPACE|CHECKPOINT AREA} FULL
DMKWRN915E PERMANENT I/O ERROR ON CHECKPOINT AREA
DMKWRN919E CHECKPOINT AREA INVALID; CHECKPOINTING TERMINATED

DMSWSF002E FILE 'fn ft fm' NOT FOUND
DMSWSF003E INVALID OPTION 'option'
DMSWSF006E NOR READ/WRITE DISK ACCESSED
DMSWSF048E INVALID MODE 'mode'
DMSWSF054E INCOMPLETE FILEID SPECIFIED
DMSWSF062E INVALID CHARACTER '*' IN FILEID 'fn ft fm'
DMSWSF069E DISK 'mode' NOT ACCESSED
DMSWSF081E INVALID REPLY - ANSWER "YES" OR "NO"
DMSWSF637E MISSING NODEID FOR THE 'AT' OPERAND
DMSWSF647E USERID NOT SPECIFIED FOR 'nickname' IN 'userid NAMES' FILE
DMSWSF648E USERID 'name' NOT FOUND. NO FILES HAVE BEEN SENT
DMSWSF657E UNDEFINED PFKEY/PAKEY
DMSWSF667E NOTE HEADER DOES NOT CONTAIN THE {KEYWORD 'FROM'|'TO'}|{'OPTIONS'|'DATE'
LINE}
DMSWSF671E ERROR SENDING FILE 'fn ft fm', RC=nn FROM 'command'
DMSWSF672E VIRTUAL PUNCH INVALID OR NOT DEFINED
DMSWSF673E ADDRESSEES ARE IN THE NOTE HEADER CARDS, DOS NOT SPECIFY NAME
WITH THE NOTE OPTION
DMSWSF674E PUNCH IS NOT READY
DMSWSF675E NO NAMES SPECIFIED
DMSWSF676E INVALID CHARACTER '*' FOR NETWORK ID
DMSWSF677E INVALID OPTION 'option' IN OPTION LINE
DMSWSF678E INVALID NOTE HEADER FORMAT. NOTE CANNOT BE SENT
DMSWSF679E {DISK 'mode' IS READ/ONLY|DISK 'mode' IS FULL} NOTE CANNOT BE SENT
DMSWSF680E INVALID FILEID SPECIFIED WITH 'FILELIST' OPTION

DMSWTL499E USER NOT AUTHORIZED TO ISSUE 'command' COMMAND
DMSWTL637E MISSING NODEID FOR THE 'AT' OPERAND
DMSWTL647E USERID NOT SPECIFIED FOR 'nickname' IN 'userid NAMES' FILE
DMSWTL648E USERID 'name' NOT FOUND. NO MESSAGE HAS BEEN SENT
DMSWTL676E INVALID CHARACTER '*' FOR NETWORK ID

DMSXBG109S VIRTUAL STORAGE CAPACITY EXCEEDED

DMSXCG498E NOT EXECUTED: THE TWO AREAS TO MERGE OVERLAP EACH OTHER
DMSXCG501I nn LINES DELETED
DMSXCG502W {NO|nn LINE(S) RECOVERED}
DMSXCG503E {TRUNCATED|SPILLED}
DMSXCG504E nn LINE(S) {TRUNCATED|SPILLED}
DMSXCG505E NOT EXECUTED: THE TARGET LINE (nn) IS WITHIN THE LINES TO MOVE
DMSXCG506I nn LINES {MOVED|COPIED|MERGED}
DMSXCG509E 'subcommand' SUBCOMMAND NOT VALID FROM A PREFIX MACRO
DMSXCG509W USE GET AND/OR PUT(D) TO MOVE LINES IN UPDATE MODE
DMSXCG511E STRING2 CONTAINS MORE ARBITRARY CHARACTERS THAN STRING1
DMSXCG517I nn OCCURRENCE(S) CHANGED ON nn LINE(S)
DMSXCG518E nn OCCURRENCE(S) CHANGED ON nn LINE(S); nn LINE (S) {TRUNCATED|SPILLED}
DMSXCG520E INVALID OPERAND : operand
DMSXCG522I nn OCCURRENCES
DMSXCG593E nn LINE(S) MERGED, nn LINE(S) {TRUNCATED|SPILLED}

DMSXCM512E INVALID SUBSET COMMAND
DMSXCM513E UNKNOWN CP/CMS COMMAND
DMSXCM514E RETURN CODE 'nn' FROM 'command'
DMSXCP037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSXCP043E 'TAPn raddr' IS FILE PROTECTED
DMSXCP104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSXCP105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSXCP113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED
DMSXCP161S UNEXPECTED ERROR CODE 'nn' ON 'SYSxxx'
DMSXCP411S {INPUT|OUTPUT} ERROR CODE 'nn' ON 'SYSxxx'

DMSXCT002E FILE 'fn ft fm' NOT FOUND
DMSXCT037E DISK 'mode' IS READ ONLY
DMSXCT104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSXCT105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSXCT520E INVALID OPERAND : operand
DMSXCT521E INVALID LINE NUMBER
DMSXCT523I TYPEWRITER MODE
DMSXCT526E OPTION 'option' VALID IN DISPLAY MODE ONLY
DMSXCT527E INVALID COLUMN NUMBER
DMSXCT529E SUBCOMMAND IS ONLY VALID IN {DISPLAY|EDITING} MODE
DMSXCT531E DISK IS FULL. SET NEW FILEMODE OR CLEAR SOME DISK SPACE
DMSXCT532E DISK IS FULL; AUTOSAVE FAILED
DMSXCT533E LINE nn IS NOT RESERVED
DMSXCT534E TOO MANY LOGICAL SCREENS DEFINED
DMSXCT535E INVALID PARMS FOR RENUM
DMSXCT536E LOGICAL SCREENS EXCEED PHYSICAL SCREEN SIZE
DMSXCT537E EACH LOGICAL SCREEN MUST CONTAIN AT LEAST 5 LINES AND 20 COLUMNS
DMSXCT539E NAMED LINE NOT FOUND
DMSXCT540E NAME ALREADY DEFINED ON LINE 'nn'
DMSXCT541E INVALID NAME
DMSXCT545E MISSING OPERAND(S)
DMSXCT554S NO STORAGE AVAILABLE
DMSXCT566E LOGICAL SCREEN (s11,sw1,sh1,sv1) IS OUTSIDE THE PHYSICAL SCREEN
DMSXCT567E LOGICAL SCREEN (s11,sw1,sh1,sv1) AND (s12,sw2,sh2,sv2) OVERLAP
EACH OTHER
DMSXCT578W 'macro' MACRO IS NOT CURRENTLY IN STORAGE

DMSXCT594E FILE 'fn ft fm' ALREADY EXISTS. USE FFILE/SSAVE
DMSXCT697E THE LOGICAL SCREENS MUST COVER THE FULL PHYSICAL SCREEN WIDTH

DMSXDC512E INVALID SUBSET COMMAND
DMSXDC520E INVALID OPERAND : operand
DMSXDC542E NO SUCH SUBCOMMAND
DMSXDC543E INVALID NUMBER: xxxxxxxx
DMSXDC544E INVALID HEX DATA : xxxxxxxx
DMSXDC545E MISSING OPERAND(S)
DMSXDC546E TARGET NOT FOUND
DMSXDC547E SYNONYM DEFINITION INCOMPLETE
DMSXDC548E INVALID SYNONYM OPERAND : operand
DMSXDC549E SYNONYM ABBREVIATION TOO LARGE
DMSXDC550E TOO MANY OPERANDS IN SYNONYM DEFINITION
DMSXDC554S NO STORAGE AVAILABLE

DMSXDS589E MISSING FILEDEF FOR DDNAME SYSIN
DMSXDS590E DATA SET TOO LARGE
DMSXDS591E OPEN ERROR ON SYSIN

DMSXED553I EDITING FILE: fn ft fm
DMSXED554S NO STORAGE AVAILABLE
DMSXED555E FILE 'fn ft fm' ALREADY IN STORAGE
DMSXED555W FILE 'fn ft fm' ALREADY IN STORAGE

DMSXER556S UNDEFINED MESSAGE (DMSXER CALLED AT hex loc)

DMSXFC557S NO MORE STORAGE TO INSERT LINES
DMSXFD554S NO STORAGE AVAILABLE
DMSXFD559W WARNING FILE IS EMPTY
DMSXFD560W NOT ENOUGH SPACE FOR SERIALIZATION BETWEEN TRUNC AND LRECL
DMSXFD592W WRAPPED ...
DMSXFD698E TARGET STRING TOO LONG, UNABLE TO PARSE THE ENTIRE TARGET STRING
DMSXFD700E LOGICAL AND OPERATOR '&' NOT VALID FOR COLUMN TARGETS

DMSXGT002E FILE 'fn ft fm' NOT FOUND
DMSXGT104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSXGT156E 'RECORD nn' NOT FOUND - FILE 'fn ft fm' HAS ONLY 'nn' RECORDS
DMSXGT521E INVALID LINE NUMBER
DMSXGT562E NO LINE(S) SAVED BY PUT(D) SUBCOMMAND
DMSXGT563W RECORDS {TRUNCATED|SPILLED}
DMSXGT564W EOF REACHED
DMSXGT565W EOF REACHED; RECORDS {TRUNCATED|SPILLED}

DMSXIN002E FILE 'fn ft fm' NOT FOUND
DMSXIN003E INVALID OPTION 'option'
DMSXIN024E FILE 'fn ft fm' ALREADY EXISTS [-- SPECIFY 'REPLACE']
DMSXIN029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSXIN054E INCOMPLETE FILEID SPECIFIED
DMSXIN065E 'option' OPTION SPECIFIED TWICE
DMSXIN066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSXIN070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSXIN104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSXIN132S FILE 'fn ft fm' TOO LARGE
DMSXIN500E UNABLE TO UNPACK FILE 'fn ft fm'
DMSXIN554S NO STORAGE AVAILABLE
DMSXIN571I CREATING NEW FILE

DMSXIO572E TERMINAL ERROR. FORCED CASE UPPERCASE

DMSXMA104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK

DMSXMC009E COLUMN 'col' EXCEEDS RECORD LENGTH
DMSXMC545E MISSING OPERAND(S)

DMSXMC575E INVALID {JOIN|SPLIT|TABS|VERIFY|ZONE} COLUMNS DEFINED
DMSXMC576E TOTAL VERIFY WIDTH EXCEEDS SCREEN SIZE (nn)|TOTAL OFFSET EXCEEDS
LRECL (nn)

DMSXMD503E {TRUNCATED|SPILLED}
DMSXMD510I AUTOSAVED AS 'fn ft fm'
DMSXMD529E SUBCOMMAND IS ONLY VALID IN {DISPLAY|EDITING} MODE
DMSXMD573I INPUT MODE:
DMSXMD587I XEDIT:

DMSXML529E SUBCOMMAND IS ONLY VALID IN {DISPLAY|EDITING} MODE
DMSXML592W WRAPPED ...

DMSXMS009E COLUMN 'col' EXCEEDS RECORD LENGTH
DMSXMS053E INVALID SORT FIELD PAIR DEFINED
DMSXMS063E NO SORT LIST GIVEN
DMSXMS554S NO STORAGE AVAILABLE
DMSXMS596S THIS MODULE MUST BE CALLED WITHIN THE EDITOR

DMSXPO596S THIS MODULE MUST BE CALLED WITHIN THE EDITOR
DMSXPO614E SCREEN MODIFICATION LOST? 'SET FULLREAD ON' TO USE PAKEYS SAFELY

DMSXPT037E DISK 'mode' IS READ ONLY
DMSXPT105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSXPT554S NO STORAGE AVAILABLE
DMSXPT571I CREATING NEW FILE
DMSXPT579E RECORDS TRUNCATED TO nn WHEN ADDED TO 'fn ft fm'

DMSXPX659E INVALID PREFIX SUBCOMMAND: nnnn
DMSXPX661E PREFIX 'name' is INVALID FOR THE LINE ON WHICH IT WAS ENTERED

DMSXSC117S ERROR WRITING TO DISPLAY TERMINAL
DMSXSC510I AUTOSAVED AS 'fn ft fm'
DMSXSC614E SCREEN MODIFICATION LOST? 'SET FULLREAD ON' TO USE PAKEYS SAFELY

DMSXSE009E COLUMN 'col' EXCEEDS RECORD LENGTH
DMSXSE037E DISK 'mode' IS READ ONLY
DMSXSE048E INVALID MODE 'mode'
DMSXSE515E RECFM MUST BE {F|V|FP|VP}
DMSXSE519E LRECL MUST BE LOWER THAN WIDTH (nn)
DMSXSE520E INVALID OPERAND : operand
DMSXSE521E INVALID LINE NUMBER
DMSXSE524W NONDISP CHARACTER RESET TO ' '
DMSXSE525E INVALID {PFKEY|PFKEY/PAKEY} NUMBER
DMSXSE526E OPTION 'option' VALID IN DISPLAY MODE ONLY
DMSXSE528E INVALID RANGE : TARGET2 (LINE nn) PRECEDES TARGET1 (LINE nn)
DMSXSE530I nn FILE(S) IN STORAGE
DMSXSE538E NO NAME DEFINED
DMSXSE545E MISSING OPERAND(S)
DMSXSE548E INVALID SYNONYM OPERAND : operand
DMSXSE552E NO SYNONYM CURRENTLY DEFINED
DMSXSE554S NO STORAGE AVAILABLE
DMSXSE558W WRONG FILE FORMAT FOR SERIALIZATION
DMSXSE560W NOT ENOUGH SPACE FOR SERIALIZATION BETWEEN TRUNC AND LRECL
DMSXSE568E SUBCOMMAND NOT VALID WITH THIS SCREEN DEFINITION
DMSXSE575E INVALID {JOIN|SPLIT|TABS|VERIFY|ZONE} COLUMNS DEFINED
DMSXSE600E FIRST SELECTION LEVEL (nn) CANNOT BE GREATER THAN SECOND
SELECTION LEVEL (nn)

DMSXSF695E CANNOT DEFINE MORE THAN 64 CTLCHARS

DMSXSS561E CURSOR IS NOT ON A VALID DATA FIELD

DMSXSU048E INVALID MODE 'mode'
DMSXSU062E INVALID CHARACTER IN FILEID 'fn ft fm'
DMSXSU069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSXSU137S ERROR 'nn' ON STATE FOR 'fn ft fm'
DMSXSU229E UNSUPPORTED OS DATA SET, [ERROR 'code']
DMSXSU510I AUTOSAVED AS 'fn ft fm'
DMSXSU559W WARNING FILE IS EMPTY
DMSXSU582S EDITOR ABEND
DMSXSU583I EOF:
DMSXSU584I TOF:
DMSXSU585E NO LINE(S) CHANGED
DMSXSU586E NOT FOUND
DMSXSU587I XEDIT:
DMSXSU588E PREFIX SUBCOMMAND WAITING...

DMSXUP002E FILE 'fn ft fm' NOT FOUND
DMSXUP007E FILE 'fn ft fm' [IS] NOT FIXED, 80 CHAR. RECORDS
DMSXUP174W SEQUENCE ERROR INTRODUCED IN OUTPUT FILE: '.....' TO '.....'
DMSXUP178I UPDATING ['fn ft fm'] WITH 'fn ft fm'
DMSXUP179E MISSING OR DUPLICATE 'MACS' CARD IN CONTROL FILE 'fn ft fm'
DMSXUP180W MISSING PTF FILE 'fn ft fm'
DMSXUP183E INVALID {CONTROL|AUX} FILE CONTROL CARD
DMSXUP184W './ S' NOT FIRST CARD IN UPDATE FILE -- IGNORED
DMSXUP185W {INVALID|NON NUMERIC} CHARACTER IN SEQUENCE FIELD '.....'
DMSXUP186W SEQUENCE NUMBER ['.....'] NOT FOUND
DMSXUP207W INVALID UPDATE FILE CONTROL CARD
DMSXUP210W INPUT FILE SEQUENCE ERROR '.....' TO '.....'
DMSXUP570W UPDATE 'update' SPECIFIED IN THE 'UNTIL' OPTION FIELD NOT FOUND
DMSXUP597E UNABLE TO MERGE UPDATES CONTAINING './ S' CARDS
DMSXUP598S UNABLE TO BUILD UPDATE FILE : INTERNAL LIST DESTROYED
DMSXUP599S UNABLE TO BUILD UPDATE FILE : SERIALIZATION DESTROYED

DMSZAP001E NO FILENAME SPECIFIED
DMSZAP002E [INPUT|OVERLAY] {FILE[(S)|DATA SET] ['fn [ft [fm]]'} NOT FOUND
DMSZAP002W FILE 'fn ft [fm]' NOT FOUND
DMSZAP003E INVALID OPTION 'option'
DMSZAP007E FILE 'fn ft fm' [IS] NOT FIXED, 80 CHAR. RECORDS
DMSZAP014E INVALID FUNCTION 'function'
DMSZAP047E NO FUNCTION SPECIFIED
DMSZAP056E FILE 'fn ft [fm]' CONTAINS INVALID {NAME|ALIAS|ENTRY|ESD} RECORD FORMATS
DMSZAP070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSZAP104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSZAP190W INVALID CONTROL RECORD OR NO GO SWITCH SET
DMSZAP191W PATCH OVERLAPS - SET NO GO SWITCH
DMSZAP192W ERROR - ODD NUMBER OF DIGITS - SET NO GO SWITCH
DMSZAP193W PRECEDING CONTROL RECORD FLUSHED
DMSZAP194W CSECT NOT FOUND IN {MEMBER 'membername'|MODULE 'modulename'} -SET
NO GO SWITCH
DMSZAP195W BASE VALUE INVALID - SET NO GO SWITCH
DMSZAP200W VERIFY REJECT - SET NO GO SWITCH
DMSZAP208E FILE 'fn ft' IS NOT VARIABLE RECORD FORMAT
DMSZAP210E {LIBRARY|FILE} 'fn ft' IS ON A READ/ONLY DISK
DMSZAP245S ERROR 'nnn' ON PRINTER
DMSZAP246W NO LOADER TABLE PRESENT FOR MODULE 'fn' - SET NO GO SWITCH
DMSZAP247W MEMBER 'name' NOT FOUND - SET NO GO SWITCH
DMSZAP248W INVALID VER/REP DISP - SET NO GO SWITCH
DMSZAP249I DUMMY LOG ENTRY IN FILE 'fn ZAPLOG fm'
DMSZAP750I ZAP PROCESSING COMPLETE
DMSZAP751I MEMBER 'name' FOUND IN LIBRARY 'libname'

RSCS Message Summary

DMTAXS101I FILE spoolid ENQUEUED ON LINK linkid
DMTAXS102I FILE spoolid PENDING FOR LINK linkid
DMTAXS103E FILE spoolid REJECTED -- INVALID DESTINATION ADDRESS
DMTAXS104I FILE SPOOLED TO userid2 -- ORG locid1 (name1) mm/dd/yy hh:mm:ss
DMTAXS105I FILE spoolid PURGED
DMTAXS106I FILE spoolid MISSING -- DEQUEUED FROM LINK linkid
DMTAXS107I nn PENDING FILES FOR LINK linkid MISSING
DMTAXS108E SYSTEM ERROR READING SPOOL FILE spoolid
DMTAXS520I FILE spoolid CHANGED
DMTAXS521I FILE spoolid HELD FOR LINK linkid
DMTAXS522I FILE spoolid RELEASED FOR LINK linkid
DMTAXS523I LINK linkid QUEUE REORDERED
DMTAXS524E FILE spoolid ACTIVE -- NO ACTION TAKEN
DMTAXS525E FILE spoolid IS FOR LINK linkid -- NO ACTION TAKEN
DMTAXS526E FILE spoolid NOT FOUND -- NO ACTION TAKEN
DMTAXS640I nn FILE(S) PURGED ON LINK linkid

DMTCMX001I FREE STORAGE = nn PAGES
DMTCMX003I LINK linkid EXECUTING: (command line text)
DMTCMX200I RSCS
DMTCMX201E INVALID COMMAND command
DMTCMX202E INVALID LINK linkid
DMTCMX203E INVALID SPOOL FILE ID spoolid
DMTCMX204E INVALID KEYWORD keyword
DMTCMX205E CONFLICTING KEYWORD keyword
DMTCMX206E INVALID OPTION keyword option
DMTCMX207E CONFLICTING OPTION keyword option
DMTCMX208E INVALID USER ID userid
DMTCMX300I ACCEPTED BY TASK task
DMTCMX301E REJECTED BY TASK task -- PREVIOUS COMMAND ACTIVE
DMTCMX302E LINK linkid IS NOT DEFINED
DMTCMX303E LINK linkid IS NOT ACTIVE
DMTCMX304E REJECTED BY TASK task -- NOT RECEIVING
DMTCMX540I NEW LINK linkid DEFINED
DMTCMX541I LINK linkid REDEFINED
DMTCMX542E LINK linkid ACTIVE -- NOT REDEFINED
DMTCMX543E LINK linkid NOT DEFINED -- LINK LIMIT REACHED
DMTCMX544E LINK linkid NOT DEFINED -- TYPE NOT SPECIFIED
DMTCMX550I LINK linkid NOW DELETED
DMTCMX551E LINK linkid ACTIVE -- NOT DELETED
DMTCMX552E LINK linkid HAS A FILE QUEUE -- NOT DELETED
DMTCMX560I RSCS DISCONNECTING
DMTCMX561E USERID userid NOT RECEIVING
DMTCMX651I LINK linkid INACTIVE
DMTCMX652I LINK linkid ACTIVE task type vaddr c {HO|NOH} {DR|NOD} {TRA|TRE|NOT} Q=m P=n
DMTCMX653I LINK linkid DEFAULT task type vaddr c R=m
DMTCMX654I LINK linkid Q=m P=n
DMTCMX655I FILE spoolid locid userid CL a PR mm REC nnnnnn {A|I}
DMTCMX660I FILE spoolid INACTIVE ON LINK linkid
DMTCMX661I FILE spoolid ACTIVE ON LINK linkid
DMTCMX662I FILE spoolid ORG locid1 userid1 mm/dd/yy hh:mm:ss TO locid2 userid2
DMTCMX663I FILE spoolid PR mm CL a CO nn {HO|NOH} DI distcode, NA {fn ft|dsname}
DMTCMX664E FILE spoolid NOT FOUND
DMTCMX670I LINK linkid ACTIVE -- LINE vaddr {HO|NOH}
DMTCMX671I LINK linkid INACTIVE
DMTCMX672I NO LINK ACTIVE
DMTCMX673I NO LINK DEFINED
DMTCMX700I ACTIVATING LINK linkid task type vaddr c
DMTCMX701E NO SWITCHED LINE AVAILABLE -- LINK linkid NOT ACTIVATED
DMTCMX702E LINE vaddr IS IN USE BY LINK linkid1 -- LINK linkid2 NOT ACTIVATED

DMTCMX703E DEV vaddr IS NOT A LINE PORT -- LINK linkid NOT ACTIVATED
DMTCMX704E LINE vaddr CC=3 NOT OPERATIONAL -- LINK linkid NOT ACTIVATED
DMTCMX705E DRIVER type NOT FOUND ON DISK vaddr -- LINK linkid NOT ACTIVATED
DMTCMX706E FATAL ERROR LOADING FROM vaddr -- LINK linkid NOT ACTIVATED
DMTCMX707E DRIVER type FILE FORMAT INVALID -- LINK linkid NOT ACTIVATED
DMTCMX708E VIRTUAL STORAGE CAPACITY EXCEEDED -- LINK linkid NOT ACTIVATED
DMTCMX709E TASK NAME task ALREADY IN USE -- LINK linkid NOT ACTIVATED
DMTCMX710E MAX (nn) ACTIVE -- LINK linkid NOT ACTIVATED
DMTCMX750E LINK linkid ALREADY ACTIVE -- NO ACTION TAKEN
DMTCMX751I LINK linkid ALREADY ACTIVE -- NEW CLASS(ES) SET AS REQUESTED
DMTCMX752I LINK linkid STILL ACTIVE -- DRAIN STATUS RESET

DMTINI402T IPL DEVICE READ I/O ERROR
DMTINI407R REWRITE THE NUCLEUS? [YES|NO]
DMTINI409R NUCLEUS CYL ADDRESS = nnn
DMTINI410R ALSO IPL CYLINDER 0? [YES|NO]
DMTINI431S IPL DEVICE WRITE I/O ERROR
DMTINI479E INVALID DEVICE ADDRESS - REENTER
DMTINI480E INVALID CYLINDER NUMBER - REENTER
DMTINI481E INVALID REPLY - ANSWER "YES" OR "NO"
DMTINI482E SYSTEM DISK ERROR - REENTER
DMTINI483E NUCLEUS WILL OVERLAY CMS FILES - RECOMPUTE

DMTNPT070E I/O ERROR vaddr SIOCC cc CSW csw SENSE sense CCW ccw
DMTNPT904E SIGNON PARAMETER=parameter INVALID
DMTNPT907E SIGNON TYPE PARAMETER MISSING
DMTNPT936E NO REMOTE PUNCH AVAILABLE ON LINK linkid -- FILE spoolid PURGED
DMTNPT108E SYSTEM ERROR READING SPOOL FILE spoolid
DMTNPT141I LINE vaddr READY FOR CONNECTION TO LINK linkid
DMTNPT142I LINK linkid LINE vaddr CONNECTED
DMTNPT143I LINK linkid LINE vaddr DISCONNECTED
DMTNPT144I RECEIVING: FILE FROM locid1 (name1) FOR locid2 (userid2)
DMTNPT145I RECEIVED: FILE FROM locid1 (name1) FOR locid2 (userid2)
DMTNPT146I SENDING: FILE spoolid ON LINK linkid, REC nnnnnn
DMTNPT147I SENT: FILE spoolid ON LINK linkid
DMTNPT149I LINK linkid LINE ACTIVITY: TOT= mmm; ERRS= nnn; TMOUTS= ppp
DMTNPT160I LINE vaddr DISABLED FOR LINK linkid
DMTNPT170I FROM linkid: (MSG message text)
DMTNPT190E INVALID SPOOL BLOCK FORMAT ON FILE spoolid
DMTNPT510I FILE spoolid BACKSPACED
DMTNPT511E NO FILE ACTIVE ON LINK linkid
DMTNPT530I COMMAND FORWARDED ON LINK linkid
DMTNPT570I LINK linkid NOW SET TO DEACTIVATE
DMTNPT571E LINK linkid ALREADY SET TO DEACTIVATE
DMTNPT580I FILE spoolid PROCESSING TERMINATED
DMTNPT581E FILE spoolid NOT ACTIVE
DMTNPT590I LINK linkid RESUMING FILE TRANSFER
DMTNPT591E LINK linkid NOT IN HOLD STATUS
DMTNPT600I FILE spoolid FORWARD SPACED
DMTNPT610I LINK linkid TO SUSPEND FILE TRANSMISSION
DMTNPT611I LINK linkid FILE TRANSMISSION SUSPENDED
DMTNPT612E LINK linkid ALREADY IN HOLD STATUS
DMTNPT801I LINK linkid ERROR TRACE STARTED
DMTNPT802I LINK linkid TRACE STARTED
DMTNPT803I LINK linkid TRACE ENDED
DMTNPT810E LINK linkid TRACE ALREADY ACTIVE
DMTNPT811E LINK linkid TRACE NOT ACTIVE
DMTNPT902E NON-SIGNON CARD READ ON LINK linkid
DMTNPT903E PASSWORD SUPPLIED ON LINK linkid IS INVALID
DMTNPT905I SIGNON OF LINKID (linkid) COMPLETE
DMTNPT934E ID CARD MISSING ON LINK linkid -- INPUT FILE PURGED

DMTrex000I RSCS (VER v, LEV l, mm/dd/yy) READY
DMTrex002I LINK linkid DEACTIVATED
DMTrex091T INITIALIZATION FAILURE -- RSCS SHUTDOWN

DMTSML070E I/O ERROR raddr SIOCC cc CSW csw SENSE sense CCW ccw
DMTSML108E SYSTEM ERROR READING SPOOL FILE spoolid
DMTSML141I LINE vaddr READY FOR CONNECTION TO LINK linkid
DMTSML142I LINK linkid LINE vaddr CONNECTED
DMTSML143I LINK linkid LINE vaddr DISCONNECTED
DMTSML144I RECEIVING: FILE FROM locid1 (name1) FOR locid2 (userid2)
DMTSML145I RECEIVED: FILE FROM locid1 (name1) FOR locid2 (userid2)
DMTSML146I SENDING: FILE spoolid ON LINK linkid, REC nnnnnn
DMTSML147I SENT: FILE spoolid ON LINK linkid
DMTSML149I LINK linkid LINE ACTIVITY: TOT= mmm; ERRS= nnn; TMOUts= ppp
DMTSML160I LINE vaddr DISABLED FOR LINK linkid
DMTSML170I FROM linkid: (MSG message text)
DMTSML190E INVALID SPOOL BLOCK FORMAT ON FILE spoolid
DMTSML510I FILE spoolid BACKSPACED
DMTSML511E NO FILE ACTIVE ON LINK linkid
DMTSML570I LINK linkid NOW SET TO DEACTIVATE
DMTSML571E LINK linkid ALREADY SET TO DEACTIVATE
DMTSML580I FILE spoolid PROCESSING TERMINATED
DMTSML581E FILE spoolid NOT ACTIVE
DMTSML590I LINK linkid RESUMING FILE TRANSFER
DMTSML591E LINK linkid NOT IN HOLD STATUS
DMTSML600I FILE spoolid FORWARD SPACED
DMTSML610I LINK linkid TO SUSPEND FILE TRANSMISSION
DMTSML611I LINK linkid FILE TRANSMISSION SUSPENDED
DMTSML612E LINK linkid ALREADY IN HOLD STATUS
DMTSML801I LINK linkid ERROR TRACE STARTED
DMTSML802I LINK linkid TRACE STARTED
DMTSML803I LINK linkid TRACE ENDED
DMTSML810E LINK linkid TRACE ALREADY ACTIVE
DMTSML811E LINK linkid TRACE NOT ACTIVE
DMTSML901E INVALID SML MODE SPECIFIED -- LINK (linkid) NOT ACTIVATED
DMTSML902E NON-SIGNON CARD READ ON LINK linkid
DMTSML903E PASSWORD SUPPLIED ON LINK linkid IS INVALID
DMTSML905I SIGNON OF LINKID linkid COMPLETE
DMTSML906E INVALID SML BUFFER PARAMETER -- LINK (linkid) NOT ACTIVATED
DMTSML934E ID CARD MISSING ON LINK linkid -- INPUT FILE PURGED
DMTSML935E LINK (linkid) IN RJE MODE -- PRINT FILE (spoolid) PURGED
DMTSML936E NO REMOTE PUNCH AVAILABLE ON LINK linkid -- FILE spooled PURGED
DMTSML937E DECOMPRESSION ERROR ON linkid -- LINK DEACTIVATED

IPCS Message Summary

DMMCPA805I 'nnn' ABEND CODE NOT RECOGNIZED BY DATA EXTRACTION

DMMDSC500S ERROR 'nnn' WRITING TO VIRTUAL PRINTER
DMMDSC700I TYPE 'HELP' OR ENTER
DMMDSC701R ENTER DUMP NUMBER AND MODE
DMMDSC719I ERROR 'nnn' IN FSSTATE 'filename filetype fm'
DMMDSC720I LOAD MAP ALREADY PRESENT
DMMDSC721I &NAME TABLE IS FULL
DMMDSC722I INVALID ENTRY INTO &NAME TABLE
DMMDSC723I THE DUMP IS NOT ON THE A-DISK

DMMEDM850I UNABLE TO READ DUMP FROM READER
DMMEDM851I TEN DUMP FILES ALREADY EXIST
DMMEDM852I FATAL I/O ERROR WRITING DUMP
DMMEDM853I NO DUMP FILE EXIST
DMMEDM860I FATAL I/O ERROR READING DUMP
DMMEDM861I DUMP FILE 'filename' NOT FOUND.
DMMEDM863E INVALID PARAMETER - parameter
DMMEDM864I PAGE REFERENCED NOT AVAILABLE WHILE EDITING xxxxxxxx

DMMFED702I NON-HEX CHARACTER IN COUNT - RETRY
DMMFED703I NON-HEX CHARACTER IN ADDRESS - RETRY

DMMFEX704I NON-HEX CHARACTER IN ADDRESS - RETRY

DMMGET100S ERROR 'nnn' READING FILE 'filename filetype fm'
DMMGET708I PAGE 'page' NOT FOUND IN DUMP

DMMGRC100S ERROR 'nnn' READING FILE 'filename filetype fm'
DMMGRC809I REQUESTED ADDRESS NOT IN DUMP

DMMHEX714I NON-HEX CHARACTER IN INPUT - RETRY

DMMINI100S ERROR 'nnn' READING FILE 'filename filetype fm'
DMMINI200S ERROR 'nnn' WRITING FILE 'filename filetype fm'
DMMINI300S ERROR 'nnn' ON FSSTATE 'filename filetype fm'
DMMINI400S ERROR 'nnn' CLOSING 'filename filetype fm'
DMMINI800S DATA EXTRACTION FAILURE
DMMINI803S ERROR 'nnn' ATTEMPTING TO LOADMOD VMFDUMP2

DMMIOB712I DEVICE 'addr' NOT FOUND
DMMIOB713I USER 'userid' VMBLOK NOT FOUND

DMMLOC715I NON-HEX CHARACTER IN STRING
DMMLOC716I STRING 'string'{NOT FOUND|NOT FOUND BEFORE END OF DUMP}
DMMLOC717I INVALID FORM OF LOCATE COMMAND

DMMMAP200S ERROR 'nnn' WRITING FILE 'filename filetype fm'

DMMMAP801I NUC MAP 'filename filetype fm' IS NOT VALID FOR THIS DUMP.
DMMMAP802I PROCEEDING....
DMMMAP806R ENTER 'filename filetype fm' OF NUCLEUS LOAD MAP OR ENTER NULL
DMMMAP807I UNABLE TO LOCATE 'filename filetype fm'
DMMMAP808I NUCLEUS MAP INVALID 'filename filetype fm'
DMMMAP810I ERROR 'nnn' READING FILE 'fileid'

DMMMOD100S ERROR 'nnn' READING FILE 'filename filetype fm'
DMMMOD705E ERROR IN ITEM TABLE
DMMMOD706I 'entry name' NOT FOUND IN THE LOAD MAP

DMMMOD707I 'module' 'page' PAGE NOT VALID
DMMMOD718I THIS DUMP HAS NO LOAD MAP - SEE MAP SUBCOMMAND

DMMPRM200S ERROR 'nnn' WRITING FILE 'filename filetype fm'
DMMPRM804I PROCESSING ERROR IN DATA EXTRACTION

DMMPRO100S ERROR 'nnn' READING FILE 'filename filetype fm'
DMMPRO200S ERROR 'nnn' WRITING FILE 'filename filetype fm'
DMMPRO300S ERROR 'nnn' ON FSSTATE 'filename filetype fm'

DMMREG100S ERROR 'nnn' READING FILE 'filename filetype fm'
DMMREG724I {AP} REGISTERS REQUESTED FOR UNIPROCESSOR DUMP
DMMREG724I {MP} REGISTERS REQUESTED FOR UNIPROCESSOR DUMP

DMMSCR709I NO VALID SCROLL ADDRESS

DMMSEA100S ERROR 'nnn' READING FILE 'filename filetype fm'

DMMSTA100S ERROR 'nnn' READING FILE 'filename filetype fm'
DMMSTA200S ERROR 'nnn' WRITING FILE 'filename filetype fm'
DMMSTA601I OPERAND 'operand' NOT RECOGNIZED

DMMSUM100S ERROR 'nnn' READING FILE 'filename filetype fm'
DMMSUM200S ERROR 'nnn' WRITING FILE 'filename filetype fm'
DMMSUM501S INVALID PARM 'badparm' PASSED TO SUMMARY UPDATE PROGRAM
DMMSUM502S PROBLEM 'PRBnnnnn' NOT FOUND IN SYMPTOM SUMMARY

DMMTRC710I NON-NUMERIC COUNT CHARACTER - RETRY

DMMVMB711I LOOP IN VMBLOK CHAIN

DMMWRT200S ERROR 'nnn' WRITING FILE 'filename filetype fm'

DMKTHI026E	DMKNEA040E	DMKVCH048E	DMKCFV082E	DMKNEA122E
DMKTRA026E	DMKNES040E		DMKLOG082E	DMKVDE122E
DMKCQG027E	DMKNET040E	DMKCPO049E		
DMKCST027E	DMKNLD040E	DMKCPT049E	DMKCFG083E	DMKCPT123E
DMKCSU027E	DMKNLE040E	DMKCPT049E	DMKCF086E	DMKVDD123E
	DMKSPT040E	DMKNES049E		DMKVDE123E
DMKCQG028E	DMKVDD040E	DMKNET049E	DMKSSS088I	
DMKCQR028E	DMKVDE040E		DMKLOG090E	DMKCPO124E
DMKCSB028E		DMKLOG050E		DMKCPT124E
DMKCSO028E	DMKCFU041E	DMKLOG051E	DMKDEF091E	DMKVDD124E
DMKCSPO28E			DMKLOG091E	DMKVDE124E
DMKCSU028E	DMKCQG042E	DMKCFY052E		
DMKSPS028E	DMKCST042E	DMKLNK052E	DMKLOG092E	DMKVDE125E
	DMKCSU042E	DMKLOG052E	DMKDEF092E	DMKVDE126E
DMKCSQ029E	DMKTRR042E			
DMKCSU029E		DMKCFY053E	DMKLOG093E	DMKVDE127E
	DMKCSB043E	DMKCSP053E		
DMKCSO030E	DMKCFG044E	DMKCSU053E	DMKDEF094E	DMKVDE128E
DMKCSPO30E	DMKCFH044E	DMKLNK053E	DMKDEF095E	DMKVCH129E
DMKCSU030E	DMKCF044E	DMKLOG053E	DMKLOG095E	
	DMKNLD044E	DMKVMD053E		DMKVCH130E
DMKCSB031E	DMKSNC044E		DMKDEF096E	
		DMKLOG054E		DMKCP1131E
DMKCSQ032E	DMKCF0045E	DMKDIA055E	DMKDIA098E	DMKLOG131E
DMKCSU032E	DMKCFY045E		DMKNES098E	DMKVDE131E
	DMKCFU045E	DMKDIA056E	DMKNET098E	
DMKCDM033E	DMKCPV045E			DMKVCH132E
DMKCDS033E	DMKCQG045E	DMKMSG057W	DMKLNK101W	DMKVDE133E
DMKCPV033E	DMKCQQ045E			
DMKNET033E	DMKCQR045E	DMKDIB058E	DMKLNK102W	DMKVDD134E
DMKVMD033E	DMKCQY045E	DMKALG059E	DMKLNK103W	DMKVDE134E
	DMKDIA045E			
DMKVDD034E	DMKDIB045E	DMKCDM060E	DMKLNK104E	DMKVDD135E
DMKVDE034E	DMKMSG045E			
DMKVCH034E	DMKSND045E	DMKCDM061E	DMKLNK105E	DMKCPT136E
	DMKTHI045E	DMKPET061E	DMKLNK106E	DMKDEF136E
DMKCSU035E	DMKTRP045E		DMKLNK107E	DMKDEF136E
DMKCSB036E	DMKUSO045E	DMKCFV062E		DMKLNK137E
DMKSPS037E	DMKVDD045E	DMKCFV063E	DMKLNK108E	DMKVCH138E
	DMKVDE045E	DMKVAT064E		
DMKDDR038E		DMKLOG067E	DMKLNK109E	DMKCFU140E
DMKVMD038E	DMKCFP046E		DMKLNK110E	DMKCPO140E
	DMKCF046E	DMKSND068E		DMKCPT140E
DMKVDD039E	DMKCPU046E		DMKLNK111E	DMKCPV140E
DMKVDE039E	DMKCPV046E	DMKLOG069I		DMKCSB140E
	DMKCSB046E	DMKSST070E	DMKLNK112E	DMKCSO140E
DMKCFD040E	DMKDEI046E			DMKMCC140E
DMKCFG040E	DMKMCC046E	DMKSST071E	DMKLNK113E	DMKNEA140E
DMKCFU040E	DMKNEA046E	DMKSSS071E		DMKNES140E
DMKCPB040E	DMKNES046E		DMKLNK114E	DMKNET140E
DMKCP040E	DMKNET046E	DMKSSS072E	DMKALG115E	DMKNLD140E
DMKCPV040E	DMKNLD046E	DMKSSS073E	DMKLNK115E	DMKNLE140E
DMKCPZ040E	DMKNLE046E			DMKSPT140E
DMKCQG040E	DMKSPT046E	DMKSST074I	DMKLNK116E	DMKVDD140E
DMKCQP040E	DMKVDD046E	DMKSSU074I		
DMKCQQ040E	DMKVDE046E		DMKLNK117E	
DMKCSB040E		DMKCPT075E		DMKCSO141E
DMKCSO040E		DMKDEI075E	DMKLNK118E	
	DMKDIA047E	DMKSSS075E		DMKCPO142E
DMKCSQ040E	DMKDIB047E		DMKLNK119E	DMKCPT142E
DMKCST040E	DMKPEI047E	DMKSSS078I	DMKNEA120E	DMKCSB142E
DMKDEF040E	DMKPELO47E		DMKVDE120E	DMKVDD142E
DMKDIA040E	DMKPELO47E	DMKCF080E		DMKVDE142E
DMKDIB040E	DMKPELO47E	DMKLOG080E	DMKNEA121E	
DMKMCC040E	DMKPEN047E		DMKVDD121E	DMKCFU143E
DMKMCD040E	DMKPEQ047E	DMKCF081W	DMKVDE121E	DMKCPO143E
		DMKLOG081W		DMKCPT143E
				DMKDEI143E

DMKCFU143E	DMKCFG171E	DMKCP0198W	DMKVM1231E	DMKDEI275E
DMKCP0143E	DMKCFH171E		DMKVM1232E	DMKDEI276E
DMKCP143E	DMKCF171E	DMKCFU199E	DMKVM1233E	DMKDEI277E
DMKDEI143E	DMKNLD171E	DMKCPV199E	DMKVM1234E	DMKDEI278E
DMKMCC143E	DMKSNC171E	DMKDIA199E	DMKRSP239I	DMKDEI279E
DMKNLD143E	DMKCFG172E	DMKLNK199E	DMKTCS240E	DMKDEI280E
DMKNLE143E	DMKCFH172E	DMKMCC199E	DMKTCS241E	DMKMCH290E
DMKSPT143E	DMKCFG173E	DMKNES199E	DMKTCT241E	DMKMCT290E
DMKVDD143E	DMKCFH173E	DMKNET199E	DMKRSE242E	DMKCFD291E
DMKVDE143E		DMKNLD199E	DMKCSO243E	DMKCF0291E
	DMKCFG174E	DMKNLE199E	DMKCSO244E	DMKCF0291E
DMKCPS144W	DMKPER174E	DMKSPT199E	DMKCSO245E	DMKCF0291E
DMKJRL145I		DMKVDE199E	DMKCSO246E	DMKCF0291E
	DMKCFG175E	DMKBLD200E	DMKCSO246E	DMKCF0291E
DMKVMD146I	DMKCF0175E	DMKBLD201E	DMKCSO246E	DMKCF0291E
DMKVCH147E	DMKCF175E	DMKBLD202E	DMKCSO246E	DMKCF0291E
DMKCSB148E	DMKNES175E	DMKCPV202E	DMKCSO246E	DMKCF0291E
DMKACR149E	DMKCPV176E	DMKCFG203E	DMKCSO246E	DMKCF0291E
DMKCPZ149E	DMKCFG177E	DMKCPV203E	DMKCSO246E	DMKCF0291E
	DMKSNC178E	DMKCPV204E	DMKCSO246E	DMKCF0291E
DMKQCN150A	DMKCFG179E	DMKCF179E	DMKCSO246E	DMKCF0291E
DMKVDE151I	DMKCFH179E	DMKCFP179E	DMKCSO246E	DMKCF0291E
DMKTTY152E	DMKCF179E	DMKCF179E	DMKCSO246E	DMKCF0291E
DMKDEF153E	DMKCF179E	DMKCF179E	DMKCSO246E	DMKCF0291E
DMKLNK153E	DMKSNC179E	DMKCF179E	DMKCSO246E	DMKCF0291E
DMKVDE153E	DMKTRA180W	DMKCF179E	DMKCSO246E	DMKCF0291E
	DMKPER180E	DMKCF179E	DMKCSO246E	DMKCF0291E
DMKCP154E	DMKPEQ180E	DMKCF179E	DMKCSO246E	DMKCF0291E
	DMKPET180E	DMKCF179E	DMKCSO246E	DMKCF0291E
DMKLOG156E	DMKATS181E	DMKCF179E	DMKCSO246E	DMKCF0291E
DMKVDE156E	DMKTRA182E	DMKCF179E	DMKCSO246E	DMKCF0291E
	DMKPER182I	DMKCF179E	DMKCSO246E	DMKCF0291E
DMKNEA157E	DMKCF183E	DMKCF179E	DMKCSO246E	DMKCF0291E
DMKNET157E	DMKCF0184E	DMKCF179E	DMKCSO246E	DMKCF0291E
	DMKCF184E	DMKCF179E	DMKCSO246E	DMKCF0291E
DMKCSB158I	DMKCF185E	DMKCF179E	DMKCSO246E	DMKCF0291E
	DMKCF0186E	DMKCF179E	DMKCSO246E	DMKCF0291E
DMKCDB160E	DMKCF187E	DMKCF179E	DMKCSO246E	DMKCF0291E
DMKCDM160E	DMKCF0188E	DMKCF179E	DMKCSO246E	DMKCF0291E
DMKCDS160E	DMKCF188E	DMKCF179E	DMKCSO246E	DMKCF0291E
DMKCFD160E	DMKLOG188E	DMKCF179E	DMKCSO246E	DMKCF0291E
DMKCPV160E	DMKVCH188E	DMKCF179E	DMKCSO246E	DMKCF0291E
DMKNES160E	DMKCF189I	DMKCF179E	DMKCSO246E	DMKCF0291E
DMKNET160E	DMKLOG189I	DMKCF179E	DMKCSO246E	DMKCF0291E
DMKVMD160E	DMKCF190I	DMKCF179E	DMKCSO246E	DMKCF0291E
	DMKCPU191E	DMKCF179E	DMKCSO246E	DMKCF0291E
DMKCDS161E	DMKCPU192E	DMKCF179E	DMKCSO246E	DMKCF0291E
DMKVMA161E	DMKCPU193I	DMKCF179E	DMKCSO246E	DMKCF0291E
	DMKCPU194I	DMKCF179E	DMKCSO246E	DMKCF0291E
DMKCDS162W	DMKLOH196E	DMKCF179E	DMKCSO246E	DMKCF0291E
DMKCDS162E	DMKUSO197E	DMKCF179E	DMKCSO246E	DMKCF0291E
DMKCDS163E		DMKCF179E	DMKCSO246E	DMKCF0291E
DMKCDS164E		DMKCF179E	DMKCSO246E	DMKCF0291E
DMKCFD164E		DMKCF179E	DMKCSO246E	DMKCF0291E
DMKCFP164E		DMKCF179E	DMKCSO246E	DMKCF0291E
		DMKCF179E	DMKCSO246E	DMKCF0291E
DMKCPV165I		DMKCF179E	DMKCSO246E	DMKCF0291E
		DMKCF179E	DMKCSO246E	DMKCF0291E
DMKCDS166E		DMKCF179E	DMKCSO246E	DMKCF0291E
		DMKCF179E	DMKCSO246E	DMKCF0291E
DMKCFG170E		DMKCF179E	DMKCSO246E	DMKCF0291E
DMKCFH170E		DMKCF179E	DMKCSO246E	DMKCF0291E
DMKCF170E		DMKCF179E	DMKCSO246E	DMKCF0291E
DMKNLD170E		DMKCF179E	DMKCSO246E	DMKCF0291E

DMKVDG343W	DMKDSP452W	DMKDDAD503I	DMKTAP522I	DMKCCH601E
DMKCPI344W	DMKPRG453W	DMKDAS503I	DMKTAP523I	DMKCCH601I
DMKVDG344W		DMKGRF503I		DMKCCH602E
DMKSAV350W	DMKCNS454I	DMKRSE503A	DMKRSE524I	DMKCCH602I
DMKSAV351W	DMKRGA454I	DMKRSE503I	DMKGRF525I	DMKACR603W
	DMKRNH454I	DMKTAP503I	DMKRSE525I	DMKCCH603W
DMKSAV352W	DMKCNS455I	DMKBSC504I	DMKTAP526I	DMKCCH605I
	DMKRGA455I	DMKCNS504I		
DMKSAV353W	DMKVMA456W	DMKDDAD504I	DMKBSC527I	DMKMCH609W
		DMKDAS504I	DMKCNS527I	
DMKCKS400I	DMKGRF457E	DMKGRF504I	DMKBSC528I	DMKMCH610W
DMKPGT400I		DMKRSE504A	DMKCNS528I	DMKMCT610W
DMKWRN400I	DMKNLD460E	DMKRSE504I		DMKMCH611W
	DMKNLE460E	DMKTAP504I	DMKGRF529I	DMKMCT611W
DMKCKT401I	DMKNLD461R	DMKTAQ504I	DMKRSE529I	
DMKCKV401I	DMKNLE461R		DMKGRF530I	DMKMCH612W
DMKPGT401I		DMKBSC505I	DMKGRF531I	DMKMCT612W
DMKPTR410W	DMKRNH462I	DMKCNS505I	DMKGRF532I	DMKMCH613I
		DMKDDAD505I		
DMKPRG411W	DMKRNH463I	DMKDAS505I	DMKGRF533I	DMKMCH614I
		DMKRSE505A	DMKDAU533I	DMKMCH615I
DMKPAH415E	DMKNLE464I	DMKTAP505I	DMKDAU534I	DMKMCH616I
	DMKRNH464I		DMKDAU535I	DMKMCT616I
DMKCST424E		DMKDDAD506I		DMKMCH617I
	DMKVDS465W	DMKDDAD508I	DMKCKP536I	DMKMCI618I
DMKACO425E		DMKRSE508I	DMKCPI536I	DMKMCH619I
DMKRST426E	DMKCQP466I		DMKDDAD536I	DMKMCT619I
DMKSPS426E	DMKCCQ466I	DMKDAS509I	DMKDAS536I	DMKMCT620I
			DMKDAU536I	
DMKVSP427I	DMKRNH468I	DMKTAP510I	DMKDDR536I	DMKMCT621I
DMKVST427I		DMKTAQ510I	DMKDIR536I	
	DMKNLE469E		DMKDMP536I	DMKMCT622W
DMKRSP428E		DMKTAP511I	DMKFMT536I	DMKACR622W
DMKRST428A	DMKNLD470E		DMKSAV536I	DMKMCH622W
DMKSPS428E	DMKNLE470E	DMKTAP512I	DMKSSP536I	
				DMKCPP623I
DMKVSP429I	DMKNLD471E	DMKDDAD513I		DMKMCT623I
DMKVST429I	DMKNLE471E	DMKTAQ513I	DMKDAD538I	DMKMCH624I
	DMKUDR475I		DMKTAP539I	DMKMCT625I
DMKRSP430A		DMKBSC516I	DMKTAQ539I	DMKMCT626E
	DMKBSC500I	DMKDDAD516I		DMKMCH627I
DMKRST431A	DMKCNS500I	DMKTAP516I	DMKRES540I	DMKMCH628I
	DMKDDAD500I	DMKTAQ516I	DMKCFQ546I	DMKMCH629I
DMKRSP432A	DMKDAS500I		DMKIDID546I	
DMKRST432A	DMKGRF500I	DMKBSC517I		DMKMCH633W
	DMKRSE500I	DMKDDAD517I	DMKIOG551E	DMKMCH634I
DMKRST433A	DMKTAP500I	DMKTAP517I	DMKIOG552I	DMKMCH635I
		DMKTAQ517I	DMKIOG553I	DMKDDR700E
DMKRST434A	DMKBSC501A	DMKDDAD518I	DMKIOH559W	DMKDDR701E
	DMKCNS501A	DMKTAP518I	DMKIOH560W	DMKDDR702E
DMKCFH435E	DMKCNS501I	DMKTAQ518I	DMKIOH561W	DMKDDR703E
DMKCFP435E	DMKDDAD501A		DMKVER575I	DMKDDR704E
DMKCKP435E	DMKDAS501A	DMKTAP519I		
DMKSNC435E	DMKGRF501A	DMKTAQ519I		
	DMKRSE501A			
DMKCFH436E	DMKRSE501I	DMKBSC520I		
	DMKTAP501A	DMKDDAD520I		
DMKCLK437E		DMKDAS520I		
	DMKBSC502I	DMKRSE520A		
DMKCKT438I	DMKCNS502I	DMKRSE520I		
	DMKDDAD502I	DMKTAP520I		
DMKCSO441E	DMKDAS502I	DMKTAQ520I		
	DMKGRF502I			
DMKPST442I	DMKRSE502I	DMKGRF521I		
	DMKTAP502I	DMKRSE521I		
DMKPST443I		DMKTAP521I		
	DMKBSC503I			
DMKPST444I	DMKCNS503I	DMKTAP521I		
DMKDSP450W				

DMKDDR705E	DMKDDR728E	DMKDIR763E	DMKDMP906W	DMKCFU925I
DMKRG705I	DMKDDR729I	DMKDIR764E	DMKDMP907W	DMKDRD925I
DMKNES706E	DMKFMT730E	DMKTRR764E	DMKDMP908I	DMKCPI927W
DMKDDR707E	DMKDDR731I	DMKQVM800E	DMKDMP909W	DMKCPI950A
DMKDIA707A	DMKFMT732E	DMKQVM801E	DMKCKP910W	DMKCPI951I
DMKDDR708E	DMKFMT733E	DMKQVM802E	DMKCKP911W	DMKCPI952I
DMKDDR709E	DMKFMT734E	DMKQVM803E	DMKCKT912W	DMKCFU953I
DMKDDR710A	DMKFMT735E	DMKSPM804E	DMKCKV912W	DMKCPI953I
DMKDDR711R	DMKFMT736E	DMKQVM806E	DMKWWRM912W	DMKCPI954E
DMKDDR712E	DMKFMT737E	DMKQVM807E	DMKCPI913I	DMKCPI955W
DMKDDR713E	DMKFMT738A	DMKSPM808I	DMKDMP913I	DMKDAD956A
DMKDDR714E	DMKFMT739E	DMKVRR808I	DMKCPI914I	DMKDAS956A
DMKDDR715E	DMKFMT740E	DMKQVM809E	DMKCKS915E	DMKDSB956A
DMKDDR716R	DMKFMT741E	DMKCPU812E	DMKCKV915E	DMKCPI957I
DMKDDR717R	DMKDIR751E	DMKRND850I	DMKWWRN915E	DMKCPI958I
DMKDDR718E	DMKDIR752E	DMKRND851I	DMKCKT916E	DMKCPI959W
DMKDDR719E	DMKDIR753E	DMKRND852I	DMKCKV916E	DMKCKP960I
DMKDDR720E	DMKDIR754E	DMKRND853I	DMKDMP918I	DMKCKP961W
DMKDDR721E	DMKDIR755E	DMKRND861E	DMKCKS919E	DMKCPI961W
DMKDDR721E	DMKDIR756E	DMKRND863E	DMKWWRN919E	DMKCPI962I
DMKDDR722E	DMKDIR756E	DMKRND864I	DMKDMP920I	DMKCPI963I
DMKDDR723E	DMKFMT756E	DMKCKP900W	DMKWWRM921W	DMKCPI964I
DMKDDR724E	DMKDIR757E	DMKCKP901W	DMKCKP922W	DMKCPI966I
DMKIOB724I	DMKDIR758E	DMKCKP902W	DMKCPI923I	DMKCPJ966I
DMKDDR725R	DMKDIR760E	DMKCKT903W	DMKCPV923I	DMKCPI967I
DMKDDR726E	DMKDIR761E	DMKWWRM904W	DMKLDO923I	DMKCPJ967I
DMKDDR727E	DMKDIR762E	DMKDMP905W	DMKCPI924I	DMKCPI968I
			DMKCPV924I	DMKCLK970W
			DMKLDO924I	DMKCPI971I

CMS Message Summary

DMSAMS001E	DMSPR002E	DMSRRV003E	DMSGRN007E	DMSACC017E
DMSARN001E	DMPUN002E	DMSSRV003E	DMSICP007E	DMSARE017E
DMSARX001E	DMSRNM002E	DMSSYN003E	DMSIFC007E	DMSFOR017E
DMSASM001E	DMSRUN002E	DMSTMA003E	DMSLKD007E	DMSTPE017E
DMSDLB001E	DMSSSLN002E	DMSTPD003E	DMSSYN007E	DMSMDP018E
DMSDLK001E	DMSSPR002E	DMSTPE003E	DMSUPD007E	
DMSERV001E	DMSSRT002E	DMSTYP003E	DMSXUP007E	DMSCMP019E
DMSEXC001E	DMSSTT002E	DMSUPD003E	DMSZAP007E	DMSRNM019E
DMSICP001E	DMSSYN002E	DMSUTL003E		DMSSRT019E
DMSIMA001E	DMSTPE002E	DMSWFL003E	DMSARN008W	
DMSLBM001E	DMSTYP002E	DMSWNT003E	DMSLKD008W	DMSDMP020W
DMSLBT001E	DMSUPD002E	DMSWPK003E	DMSPR008E	
DMSLIO001E	DMSWFL002E	DMSWRC003E	DMPUN008E	DMSDSV021W
DMSLKD001E	DMSWSF002E	DMSWRL003E	DMSRDC008E	DMSGND021E
DMSMDP001E	DMSXCT002E	DMSWSF003E		DMSLIO021E
DMSMOD001E	DMSXGT002E	DMSXIN003E	DMSCMP009E	DMSMOD021E
DMSNCP001E	DMSXIN002E	DMSZAP003E	DMSDSD009E	DMSNCP021E
DMSNXL001E	DMSXUP002E		DMSSRT009E	
DMSPRE001E	DMSZAP002E	DMSARN004W	DMSTYP009E	DMSDSV022W
DMSRUN001E	DMSZAP002W	DMSDOS004E	DMSXMC009E	DMSGND022E
DMSSRS001E		DMSFET004E	DMSXMS009E	
DMSTMA001E	DMSACC003E	DMSLDF004W	DMSXSE009E	DMSDLB023E
DMSUPD001E	DMSAMS003E	DMSLOS004E	DMSCMP010E	DMSDSV023W
DMSZAP001E	DMSARN003E	DMSPRV004E	DMSTPE010E	DMSFLD023E
	DMSARX003E	DMSRRV004E	DMSUPD010W	DMSIFC023E
	DMSASM003E	DMSSRV004E		DMSTPE023E
DMSACC002E	DMSASN003E		DMSCMP011E	
DMSAMS002E	DMSCMP003E	DMSCMP005E		DMSCPY024E
DMSARN002E	DMSCPY003E	DMSDLB005E	DMSARN012W	DMSDDL024E
DMSARX002E	DMSDLB003E	DMSFOR005E	DMSLKD012W	DMSDSV024W
DMSASM002E	DMSDLK003E	DMSLIO005E		DMSEDI024E
DMSCMP002E	DMSDSL003E	DMSLKD005E	DMSDSL013W	DMSRNM024E
DMSCPY002E	DMSDSV003E	DMSMOD005E	DMSIMA013E	DMSSTA024E
DMSDSK002E	DMSSEDI003E	DMSQRY005E	DMSLBM013W	DMSUPD024E
DMSDSL002E	DMSERS003E	DMSTYP005E	DMSLBT013E	DMSUTL024E
DMSERS002E			DMSLOS013E	DMSWRC024E
DMSERV002E	DMSFET003E	DMSAMS006E	DMSNCP013E	DMSXIN024E
DMSGLB002W	DMSFLD003E	DMSARN006E	DMSPR013E	
DMSGND002W	DMSFOR003E	DMSARX006E	DMPUN013E	DMSDSV025W
DMSGRN002E	DMSGRN003E	DMSASM006E	DMSTYP013E	DMSNCP025E
DMSICP002E	DMSHLP003E	DMSCMS006E		
DMSIFC002E	DMSICP003E	DMSDDL006E	DMSDSK014E	DMSSV026W
DMSIMA002E	DMSIDE003E	DMSDLK006E	DMSDSL014E	DMSQRS026E
DMSLBM002W	DMSIMA003E	DMSERV006E	DMSGLB014E	DMSQRY026E
DMSLBM002E	DMSLBD003E	DMSGEN006E	DMSIMA014E	DMSSET026E
DMSLBT002W	DMSLBM003E	DMSICP006E	DMSIMM014E	DMSSPR026E
DMSLBT002E	DMSLBT003E	DMSLKD006E	DMSLBM014E	
DMSLDS002E	DMSLDS003E	DMSLLU006E	DMSLBT014E	DMSASN027E
DMSLGT002I	DMSLIO003E	DMSPRV006E	DMSOVR014E	DMSDSV027W
DMSLIO002I	DMSLLU003E	DMSQRS006E	DMSPOR014E	DMSDSV027E
DMSLIO002E	DMSLST003E	DMSRRV006E	DMSQRY014E	DMSERV027E
DMSLKD002E	DMSMOD003E	DMSSRV006E	DMSSET014E	DMSFLD027E
DMSLOS002I	DMSMVE003E	DMSVMT006E	DMSSPR014E	DMSTLB027E
DMSLST002E	DMSNAM003E	DMSWNT006E	DMSTPE014E	DMSTPE027E
DMSMDP002E	DMSNCP003E	DMSWRC006E	DMSUTL014E	
DMSMOD002E	DMSPOP003E	DMSWSF006E	DMSWDF014E	DMSARE028E
DMSMVE002E	DMSPR003E		DMSZAP014E	DMSASN028E
DMSNAM002E	DMSPRV003E	DMSAMS007E		DMSDSV028W
DMSNCP002E	DMSPUN003E	DMSARN007E	DMSINT015E	DMSFOR028E
DMSPOQ002E	DMSQRY003E	DMSARX007E		
DMSPRE002E	DMSRNM003E	DMSASM007E	DMSARN016W	DMSASN029E
		DMSDLK007E	DMSFCH016E	DMSCMP029E
			DMSLKD016W	

DMSVMF070E	DMSDSV095E	DMSSLN104S	DMSMOD109S	DMSLIO116S
DMSVDP070E	DMSGEN095E	DMSRRT104S	DMSNCP109S	DMSMOD116S
DMSXIN070E	DMSLIC096S	DMSSYN104S	DMSOVR109S	DMSEDI117S
DMSZAP070E	DMSTPE096E	DMSTPE104S	DMSPRE109S	DMSPOW117S
DMSERS071E	DMSPRV097E	DMSTYP104S	DMSQRS109S	DMSVMF117S
DMSEXT072E	DMSUPD104S	DMSUPD104S	DMSQRT109S	DMSXSC117S
DMSLOS073E	DMSVFM104S	DMSVFM104S	DMSQRU109S	DMSDSK118S
DMSMVE073E	DMSXCP104S	DMSXCP104S	DMSQRV109S	DMSPUN118S
DMSUTL073E	DMSXCT104S	DMSXCT104S	DMSQRW109S	DMSDOS119S
DMSARX074E	DMSXGT104S	DMSXGT104S	DMSQRX109S	DMSSVT119S
DMSASM074E	DMSXIN104S	DMSXIN104S	DMSQRV109S	DMSSBS120S
DMSARX075E	DMSXMA104S	DMSXMA104S	DMSRSV109S	DMSSCT120S
DMSASM075E	DMSZAP104S	DMSZAP104S	DMSSMN109S	DMSSVT120S
DMSICP075E	DMSBTP105E	DMSBTP105E	DMSSOP109S	DMSGMF121S
DMSMVE075E	DMSDLK105S	DMSDLK105S	DMSSTG109S	DMSSVT121S
DMSEDI076E	DMSDSL105S	DMSDSL105S	DMSTMA109S	DMSITS122S
DMSDSK077E	DMSDSV105S	DMSDSV105S	DMSTPD109S	DMSPR123S
DMSDDL078E	DMSEDI105S	DMSEDI105S	DMSTPE109S	DMSPUN123S
DMSDDK078E	DMSVIB109S	DMSVIB109S	DMSTPE109S	DMSDSK124S
DMSGRN078E	DMSVIP109S	DMSVIP109S	DMSTPE109S	DMSRDC124S
DMSINI079E	DMSVMF109S	DMSVMF109S	DMSTPE109S	DMSFOR125S
DMSINI080E	DMSVDP109S	DMSVDP109S	DMSTPE109S	DMSRSV125S
DMSINI081E	DMSXBG109S	DMSXBG109S	DMSTPE109S	DMSFOR126S
DMSWSF081E	DMSCMS110E	DMSCMS110E	DMSTPE109S	DMSMVE127S
DMSINI082E	DMSGEN110E	DMSGEN110E	DMSTPE109S	DMSMVE128S
DMSINI083E	DMSTLB110S	DMSTLB110S	DMSTPE109S	DMSMVE129S
DMSMOD084E	DMSTMA110S	DMSTMA110S	DMSTPE109S	DMSMVE130S
DMSEXE085E	DMSTPD110S	DMSTPD110S	DMSTPE109S	DMSINI131S
DMSBOP086W	DMSTPE110S	DMSTPE110S	DMSTPE109S	DMSEDI132S
DMSDLB086E	DMSTPE110S	DMSTPE110S	DMSTPE109S	DMSWPK132S
DMSMVE086E	DMSTPE110S	DMSTPE110S	DMSTPE109S	DMSXIN132S
DMSASN087E	DMSTPE111S	DMSTPE111S	DMSTPE109S	DMSSMN133S
DMSBOP088E	DMSTPE111S	DMSTPE111S	DMSTPE109S	DMSSTG133S
DMSCLS088E	DMSTPE111S	DMSTPE111S	DMSTPE109S	DMSITS134S
DMSPDP088E	DMSTPE111S	DMSTPE111S	DMSTPE109S	DMSITS135S
DMSBOP089E	DMSTPE111S	DMSTPE111S	DMSTPE109S	DMSAMS136S
DMSCLS089E	DMSTPE111S	DMSTPE111S	DMSTPE109S	DMSITS136T
DMSLOS089E	DMSTPE111S	DMSTPE111S	DMSTPE109S	DMSITS137T
DMSMVG089E	DMSTPE111S	DMSTPE111S	DMSTPE109S	DMSTMA137S
DMSOPL089E	DMSTPE111S	DMSTPE111S	DMSTPE109S	DMSXSU137S
DMSVLT089E	DMSTPE111S	DMSTPE111S	DMSTPE109S	DMSITS138T
DMSASN090E	DMSTPE111S	DMSTPE111S	DMSTPE109S	DMSTMA138S
DMSDOS091E	DMSTPE111S	DMSTPE111S	DMSTPE109S	DMSITS139T
DMSSTX092E	DMSTPE111S	DMSTPE111S	DMSTPE109S	DMSTMA139S
DMSMCM093E	DMSTPE111S	DMSTPE111S	DMSTPE109S	DMSCLS140S
DMSMCM094E	DMSTPE111S	DMSTPE111S	DMSTPE109S	DMSDAS140S
DMSCMS095E	DMSTPE111S	DMSTPE111S	DMSTPE109S	DMSLDF140S
DMSDOS095E	DMSTPE111S	DMSTPE111S	DMSTPE109S	DMSITS140T

DMSCMS141S	DMSBWR170S	DMSSPR204E	DMSPRE235E	DMSLBD324I
DMSGEN141S	DMSCIT171T	DMSDSK205W	DMSPRE236E	DMSQRU324I
DMSITP141T	DMSCRD171T	DMSRDC205W	DMSPRE237E	DMSQRX324I
DMSITP142T	DMSCWR171T	DMSWRL205E	DMSPRE238E	DMSDMP325W
DMSSET142S	DMSCPY172E	DMSLIO206W	DMSACC240S	DMSSTX326E
DMSEDI143S	DMSCPY173E	DMSUPD207W	DMSDLK245S	DMSDLB330R
DMSEDI143S	DMSUPD174W	DMSXUP207W	DMSDSV245S	DMSDLB331R
DMSEDI143S	DMSXUP174W	DMSZAP208E	DMSZAP245S	DMSSET333E
DMSITP143T			DMSZAP246W	DMSIMA346E
DMSEDI144S	DMSEXE175E	DMSCMP209W	DMSZAP247W	DMSIMA347E
DMSITP144T	DMSUPD176W	DMSDLK210E	DMSZAP248W	DMSIMA348E
DMSCIO145S	DMSUPD177I	DMSUPD210W	DMSZAP249I	DMSIMA349E
DMSPIO145S	DMSUPD178I	DMSXUP210W	DMSHLP250S	DMSSSLN350E
DMSSPR145S	DMSXUP178I	DMSZAP210E	DMSHLP251E	DMSSSLN351E
DMSINI147R		DMSCMP211E	DMSHLP252E	DMSSPR352E
DMSABN148T	DMSCMP179I	DMSVRT212E	DMSFOR253E	DMSVGN360E
DMSPOQ148T	DMSUPD179E		DMSSTT253E	DMSVGN361E
DMSABN149T	DMSXUP179E	DMSDSL213W	DMSHLP254E	DMSSSK362E
DMSABN150W	DMSUPD180W	DMSLBM213W	DMSEXE255T	DMSVGN362I
DMSABN151E	DMSXUP180W	DMSLBT213W	DMSRSV260E	DMSSSK363E
DMSSCR151E	DMSUPD181E	DMSFOR214W	DMSINI260T	DMSVGN363I
DMSABN152T	DMSUPD182W	DMSERR215T	DMSIMM261E	DMSVGN363R
DMSABN153W	DMSPRE183E	DMSFOR216E	DMSIMM262E	DMSSSK364E
DMSITS154T	DMSUPD183E	DMSDLB220R	DMSIMM263E	DMSVGN364I
DMSABN155T	DMSXUP183E	DMSFLD220R	DMSIMM299E	DMSSSK365E
DMSCPY156E	DMSUPD184W	DMSLDS220R	DMSUPD299E	DMSVGN365I
DMSNAM156E	DMSXUP184W	DMSDLB221E	DMSUPD300E	DMSVGN366R
DMSWPK156E	DMSUPD185W	DMSFLD221E	DMSDLB301E	DMSAMS367R
DMSXGT156E	DMSXUP185W	DMSLBD221E	DMSBOP302E	DMSVGN368I
DMSCPY157E	DMSUPD186W	DMSLDS221E	DMSDLB302E	DMSVGN368R
DMSLBM157S	DMSXUP186W	DMSLDS222E	DMSLLU303E	DMSVPD368I
DMSOPL158E	DMSUPD187E	DMSLDS223E	DMSDLB304E	DMSVGN371R
DMSFRE159T	DMSZAP190W	DMSFLD224E	DMSUPD304I	DMSVMF383R
DMSDOS160S	DMSZAP191W	DMSMVE225I	DMSDLB305E	DMSVPD383R
DMSFRE160T	DMSZAP192W	DMSLDS226E	DMSDLB306E	DMSBOP400S
DMSCVH161S	DMSZAP193W	DMSMVE226I	DMSDLB307E	DMSSET400S
DMSLDF161S	DMSZAP194W	DMSLDS227W	DMSBOP308E	DMSVIB400S
DMSFRE161T	DMSZAP194W	DMSSTT227I	DMSDLB308E	DMSBOP401S
DMSXCP161S	DMSZAP195W	DMSAMS228E	DMSDLB320I	DMSDOS401S
DMSFRE162T		DMSSTT228I	DMSDLB321I	DMSSET401S
DMSFRE163T	DMSSPR196I	DMSLDS229I	DMSDLB322I	DMSVIB401S
DMSFRE164T	DMSSPR197S	DMSSTT229E	DMSDLB323I	DMSBOP403S
DMSFRE165T	DMSSPR198E	DMSXSU229E	DMSDLB324I	DMSSEG403S
DMSFRE166T	DMSSPR199E	DMSACC230W	DMSFLD324I	DMSBOP404S
DMSFRE167T	DMSZAP200W	DMSVIP230E		
DMSLBM167S	DMSZAP200W	DMSLDS231E		
DMSLIO168S	DMSLIO201W	DMSMVE232E		
DMSLIO169S	DMSLIO202W	DMSLDS233I		
	DMSLIO203W	DMSPRE234E		

DMSBOP410S	DMSREX459E	DMSXCG502W	DMSXED555E	DMSXED555E
DMSSET410S	DMSREX460E	DMSJOI503E	DMSXCT529E	DMSXED555W
DMSSSK410S	DMSREX461E	DMSXCG503E	DMSXMD529E	DMSXER556S
DMSVIB410S	DMSREX462E	DMSXMD503E	DMSXML529E	DMSXFC557S
DMSFCH411S	DMSREX463E	DMSXCG504E	DMSXSE530I	DMSXSE558W
DMSPRV411S	DMSREX464E	DMSXCG505E	DMSXCT531E	DMSXFD559W
DMSRRV411S	DMSREX465E	DMSXCG506I	DMSXCT532E	DMSXSU559W
DMSSRV411S	DMSREX466E	DMSXCG509W	DMSXCT533E	DMSXFD560W
DMSXCP411S	DMSREX467E	DMSXCG510I	DMSXCT534E	DMSXSE560W
DMSCMS412S	DMSREX468E	DMSXMD510I	DMSXCT535E	DMSHEL561E
DMSBOP413S	DMSREX469E	DMSXSC510I	DMSXCT536E	DMSJOI561E
DMSLDF413S	DMSREX470E	DMSXSU510I	DMSXCT537E	DMSSCH561E
DMSFLD420E	DMSREX471E	DMSXCG511E	DMSXCT538E	DMSSPL561E
DMSTMA420E	DMSREX472E	DMSXCM512E	DMSXSE538E	DMSWEX561E
DMSTPD420E	DMSREX473E	DMSXDC512E	DMSXCT539E	DMSXSS561E
DMSTLB421E	DMSREX474E	DMSXCM513E	DMSXCT540E	DMSJOI562E
DMSTLB422E	DMSREX475E	DMSXCM514E	DMSXCT541E	DMSSPL562E
DMSTLB423I	DMSREX476E	DMSXSE515E	DMSXCT542E	DMSXGT562E
DMSTLB424E	DMSREX477E	DMSXCG517I	DMSXDC542E	DMSXGT563W
DMSTLB425R	DMSREX478E	DMSXCG518E	DMSXDC543E	DMSJOI564W
DMSTLB426R	DMSREX479E	DMSXCG519E	DMSXDC544E	DMSXGT564W
DMSTLB427I	DMSREX480E	DMSXSE520E	DMSXDC545E	DMSXGT565W
DMSTLB428I	DMSREX481E	DMSALT520E	DMSALT545E	DMSXCT566E
DMSCLS429I	DMSREX482E	DMSDDL545E	DMSDDL545E	DMSXCT567E
DMSSEB429I	DMSREX483E	DMSHEL545E	DMSMOD545E	DMSXCT568E
DMSTLB430E	DMSREX484E	DMSMOD520E	DMSMOD545E	DMSXCT569E
DMSTLB431E	DMSREX485E	DMSPQU520E	DMSPOR545E	DMSSCH569E
DMSTPE431E	DMSREX486E	DMSSCH520E	DMSSCH545E	DMSXIN571I
DMSTLB432E	DMSREX487E	DMSOR520E	DMSXCT545E	DMSXPT571I
DMSTLB433R	DMSREX488E	DMSSTA520E	DMSXDC545E	DMSXIO572E
DMSTLB434E	DMSREX489E	DMSXCG520E	DMSXMC545E	DMSXMD573I
DMSTLB435R	DMSREX490E	DMSXCT520E	DMSXSE545E	DMSSCH574E
DMSTLB436I	DMSREX491E	DMSXDC520E	DMSXDC546E	DMSJOI575E
DMSTLB437I	DMSREX492E	DMSXSE520E	DMSXDC547E	DMSSPL575E
DMSSET444E	DMSREX493E	DMSXCT521E	DMSXDC548E	DMSXMC575E
DMSDSK445W	DMSREX494E	DMSXGT521E	DMSXSE548E	DMSXSE575E
DMSREX450E	DMSREX495E	DMSXSE521E	DMSXDC549E	DMSXMC576E
DMSREX451E	DMSREX496S	DMSXCG522I	DMSDSK550W	DMSPQU577E
DMSREX452E	DMSXCG498E	DMSXCT523I	DMSXDC550E	DMSXCT578W
DMSREX453E	DMSWTL499E	DMSXSE524W	DMSXDC549E	DMSXPT579R
DMSREX454E	DMSXIN500E	DMSXSE525E	DMSXDC550E	DMSXPT580W
DMSREX455E	DMSXCG501I	DMSSCH525E	DMSXDC550E	DMSXSU582S
DMSREX456E		DMSXSE525E	DMSSCH551I	DMSXSU583I
DMSREX457E		DMSXCT521E	DMSXSE552E	DMSXSU584I
DMSREX458E		DMSXGT521E	DMSXSE553I	DMSJOI585E
		DMSXSE521E	DMSXED553I	DMSSPL585E
		DMSXCG522I	DMSXCT554S	DMSXSU585E
		DMSXCT523I	DMSXDC554S	
		DMSXSE524W	DMSXED554S	
		DMSSCH525E	DMSXFD554S	
		DMSXSE525E	DMSXIN554S	
		DMSXCT526E	DMSXMS554S	
		DMSWEX526E	DMSXPT554S	
		DMSXCT526E	DMSXSE554S	
		DMSXSE526E		
		DMSXCT527E		
		DMSXSE528E		
		DMSHEL529E		
		DMSMOD529E		
		DMSPOW529E		

DMS SCH586E	DMSEIO621E	DMSWPK643E	DMSWNT666E	DMSSTA703I
DMS SPL586E	DMSNAM621E	DMSWRC643E		DMSTPD703I
DMSXSU586E	DMSQRY621E		DMSWNT667E	DMSFLD704I
		DMSWPK644E	DMSWSF667E	DMSLBD704I
DMSXMD587I	DMSEIO622E	DMSWRC644E	DMSWNT668E	DMSFOR705I
DMSXSU587I	DMSGLO622E		DMSWNT669E	DMSMVE706I
	DMSNAM622E	DMSWNM645W		DMSTPD707I
DMSXSU588E	DMSNXL622E	DMSPSH646E	DMSWNT670E	DMSMVE708I
	DMSNXM622E	DMSPSW646E		DMSFET710I
DMSNXL589E	DMSNAM622W	DMSPPX646E	DMSSTA671E	DMSSYN711I
DMSXDS589E			DMSWRC671E	DMSSYN712I
	DMSFCH623S	DMSWNT647E	DMSWSF671E	DMSPOP713E
DMSXDS590E	DMSFET623S	DMSWSF647E		DMSPOP714E
	DMSLIO623S	DMSWTL647E	DMSWPK672E	DMSCMS715I
DMSXFD592W	DMSNXM624I	DMSWNT648E	DMSWRC672E	DMSGEN715I
DMSXML592W	DMSNXD624W	DMSWSF648E	DMSWSF672E	DMSCPY721I
		DMSWTL648E		DMSAMS722I
DMSXCG593E	DMSPOR626E		DMSWSF673E	DMSACC723I
	DMSPOS626E	DMSGLO649E	DMSWPK674E	DMSACC724I
DMSXCT594E		DMSWNM649E	DMSWRC674E	DMSACC725I
	DMSPOR627E	DMSWPK649E	DMSWSF674E	DMSACC726I
DMSXMS596S		DMSWRC649E		DMSDBG728I
DMSXPO596S	DMSGLO628E	WMSWRL649E	DMSWSF675E	DMSFOR732I
				DMSFOR733I
DMSXUP597E	DMSRDR630S	DMSWPK650E	DMSWSF676E	DMSRDC738I
	DMSWPK630S	DMSWRC650E	DMSWTL676E	DMSLIO740I
DMSXUP598S	DMSWRC630S			DMSZAP750I
		DMSWDC651E	DMSWSF677E	DMSZAP751I
DMSXUP599S	DMSGLO631E	DMSWEX651E	DMSWSF678E	DMSFCH777S
		DMSWFL651E		DMSVIP778E
DMSXSE600E	DMSEIO632E	DMSWNT651E	DMSWSF679E	DMSVIP779E
		DMSWRL651E		DMSVIP780E
DMSCPY601R	DMSNAM633E		DMSWFL680E	DMSVIP781E
	DMSNAM633W	DMSWDC652E	DMSWSF680E	DMSVIP782E
DMSCPY602R				DMSVIP783E
DMSFOR603R	DMSNAM634E	DMSWDC653E	DMSWRC681E	DMSVIP784E
		DMSWDF653E		DMSVIP785E
DMS SRT604R	DMSNAM635I		DMSWRC682E	DMSVIP786E
		DMSWEX654E		DMSDOS787E
DMSFOR605R	DMSDDL636E	DMSWPK655E	DMSJOI685E	DMSWVV788E
	DMSDDL636W	DMSWRC655E		DMSWVV789E
DMSINI606R	DMSNAM636E		DMSDDL688E	
		DMSWPK656E	DMSLST688E	
DMSINI607R	DMSNAM637E	DMSWNM657E	DMSNAM688E	
	DMSWDF637E	DMSWSF657E	DMSLST689E	
DMSINI608R	DMSWFL637E		DMSPOP690E	
	DMSWNT637E	DMSWNM658W	DMSPOR690E	
DMSINI609R	DMSWPK637E		DMSPOQ691E	
	DMSWRC637E	DMSWDC659E	DMSPOQ692E	
DMSINI610R	DMSWRL637E	DMSPSH659E	DMSPOQ693E	
	DMSWSF637E	DMSPSW659E		
DMSINI611R	DMSWTL637E	DMSPPX659E	DMSPOQ694E	
		DMSXPX659E	DMSXSF695E	
DMSINI612R	DMSDDL638E			
		DMSWNM660E	DMSXCT697E	
DMSXPO614E	DMSDDL639E	DMSWNM660W	DMSXFD698E	
DMSXSC614E	DMSQRS639E		DMSFLD699E	
	DMSQRT639E	DMSWPK661E	DMSXFD700E	
DMSINI615R	DMSQRU639E	DMSWRC661E		
	DMSQRV639E	DMSPPX661E	DMSRDC701I	
DMSNXD616W	DMSQRW639E	DMSXPX661E	DMSTPE701I	
	DMSQRX639E			
DMSNXD617E	DMSHEL640E	DMSWNM662E		
	DMSINI640R	DMSWNM663W		
DMSEIO618E		DMSWNM664E		
DMSGLO618E	DMSWDF641E			
DMSNAM618E	DMSWDF642E	DMSWNT665E		
DMSNXL618E				
DMSQRY618E				
DMSNXL619E				
DMSPOQ620E				

DMSWVV790E	DMSWVV800E	DMSIFC825E	DMSCPY903T	DMSITE910T
DMSWVV791E	DMSWVV801I	DMSIFC826E	DMSCPY904T	DMSIUC911E
DMSWVV792E	DMSWVV802I	DMSIFC828I	DMSDIO905S	DMSGAM951E
DMSWVV793I	DMSCCK803E	DMSIFC829W	DMSHLP907T	DMSGAM952E
DMSWVV794E	DMSCCK804S	DMSREA830E	DMSLBM907T	DMSGAM953E
DMSWVV795E	DMSCCK805S	DMSIFC831E	DMSLIO907T	DMSGAM954E
DMSWVV796E	DMSCCK806S	DMSIFC832S	DMSUTL907T	DMSGAM955E
DMSWVV797I	DMSCCK807S	DMSRVS908E	DMSFNS908T	DMSGAM956E
DMSWVV798R	DMSWVV808R	DMSCPY901T	DMSRVS909E	DMSRUN999E
DMSWVV799E	DMSWVV809R	DMSUTL901T	DMSFNS909T	
		DMSINI902T		

RSCS Message Summary

DMTREN000I	DMTNPT160I	DMTNPT510I	DMTNPT591E	DMTCMX706E
DMTCMX001I	DMTSML160I	DMTSML510I	DMTSML591E	DMTCMX707E
DMTREN002I	DMTNPT170I	DMTNPT511E	DMTNPT600I	DMTCMX708E
	DMTSML170I	DMTSML511E	DMTSML600I	
DMTCMX003I	DMTNPT190E	DMTAXS520I	DMTNPT610I	DMTCMX709E
DMTNPT070E	DMTSML190E	DMTAXS521I	DMTSML610I	DMTCMX710E
DMTSML070E	DMTCMX200I	DMTAXS522I	DMTNPT611I	DMTCMX750E
DMTREN091T	DMTCMX201E	DMTAXS523I	DMTSML611I	DMTCMX751I
DMTAXS101I	DMTCMX202E	DMTAXS524E	DMTNPT612E	DMTCMX752I
DMTAXS102I	DMTCMX203E	DMTAXS525E	DMTSML612E	
DMTAXS103E	DMTCMX204E	DMTAXS526E	DMTAXS640I	DMTNPT801I
DMTAXS104I	DMTCMX205E	DMTNPT530I	DMTCMX651I	DMTSML801I
DMTAXS105I	DMTCMX206E	DMTCMX540I	DMTCMX652I	DMTNPT802I
DMTAXS106I	DMTCMX207E	DMTCMX541I	DMTCMX653I	DMTSML802I
DMTAXS107I	DMTCMX208E	DMTCMX542E	DMTCMX654I	DMTNPT803I
DMTAXS108E	DMTCMX300I	DMTCMX543E	DMTCMX655I	DMTSML803I
DMTNPT108E	DMTCMX301E	DMTCMX544E	DMTCMX660I	DMTNPT810E
DMTSML108E	DMTCMX302E	DMTCMX550I	DMTCMX661I	DMTSML810E
DMTNPT141I	DMTCMX303E	DMTCMX551E	DMTCMX662I	DMTNPT811E
DMTSML141I	DMTCMX304E	DMTCMX552E	DMTCMX663I	DMTSML811E
DMTNPT142I	DMTINI402T	DMTCMX560I	DMTCMX664E	DMTNPT902E
DMTSML142I	DMTINI407R	DMTCMX561E	DMTCMX670I	DMTSML902E
DMTNPT143I	DMTINI409R	DMTCMX570I	DMTCMX671I	DMTNPT903E
DMTSML143I	DMTINI410R	DMTSML570I	DMTCMX672I	DMTSML903E
DMTNPT144I	DMTINI431S	DMTNPT571E	DMTCMX673I	DMTNPT904E
DMTSML144I	DMTINI479E	DMTSML571E	DMTCMX700I	DMTSML905I
DMTNPT145I	DMTINI480E	DMTNPT580I	DMTCMX701E	DMTSML906E
DMTSML145I	DMTINI481E	DMTSML580I	DMTCMX702E	DMTNPT907E
DMTNPT146I	DMTINI482E	DMTNPT581E	DMTCMX703E	DMTSML934E
DMTSML146I	DMTINI483E	DMTSML581E	DMTCMX704E	DMTSML935E
DMTNPT147I		DMTNPT590I	DMTCMX705E	DMTNPT936E
DMTSML147I		DMTSML590I		DMTSML936E
DMTNPT149I				DMTSML937E
DMTSML149I				

IPCS Message Summary

DMMGET100S	DMMINI400S	DMMM0D707I	DMDSC719I	DMMMAP806R
DMMGRC100S	DMDSC500S	DMMGET708I	DMDSC720I	DMMMAP807I
DMMINI100S	DMMSUM501S	DMMSCR709I	DMDSC721I	DMMMAP808I
DMMM0D100S	DMMSUM502S	DMMTRC710I	DMDSC722I	DMMGRC809I
DMMPRO100S	DMMSTA601I	DMMVMB711I	DMDSC723I	DMMMAP810I
DMMREG100S	DMDSC700I	DMMIOB712I	DMMREG724I	DMMEDM850I
DMMSEA100S	DMDSC701R	DMMIOB713I	DMMINI800S	DMMEDM851I
DMMSTA100S	DMMFED702I	DMMHEX714I	DMMMAP801I	DMMEDM852I
DMMSUM100S	DMMFED703I	DMMLOC715I	DMMMAP802I	DMMEDM853I
DMMINI200S	DMMFEX704I	DMMLOC716I	DMMINI803S	DMMEDM860I
DMMMAP200S	DMMM0D705E	DMMLOC717I	DMMPRM804I	DMMEDM861I
DMMPRM200S	DMMM0D706I	DMMM0D718I	DMMCPA805I	DMMEDM863E
DMMPRO200S				DMMEDM864I
DMMSTA200S				
DMMSUM200S				
DMMWRT200S				
DMMINI300S				
DMMPRO300S				

Appendix D. Message Text-to-Message Identifier Cross-Reference

This appendix contains all the VM/SP HPO messages, grouped by CP, CMS, RSCS, and IPCS and organized in alphabetical order by message text. Messages beginning with special characters such as », ffl or ? are listed first in alphabetical order. Messages starting with a lowercase (variable) word such as *nnnnnK*, *type*, and *userid* will have information inserted, such messages are listed alphabetically with the messages starting with uppercase letters. If you do not issue CP command SET EMSG ON, any messages that are displayed will appear without message identifier, only text. Use this appendix to look up the text of the message and find its identifier, so that you can find the description of the message in the body of the book.

Note: RSCS and IPCS messages remain at the VM/370 Release 6 level.

CP Message Summary

DMKTRA182E (reserved for IBM use)
DMKCF001E ?CP: command

DMKIOB724I {AP|MP} RIOBLOCKS REQUESTED IN UNIPROCESSOR DUMP

DMKVST429I {CON|PRT|PUN|RDR} vaddr SPOOL ERROR; FILE {HELD|PURGED}
DMKVSP429I {CON|PRT|PUN|RDR} vaddr SPOOL ERROR; FILE {HELD|PURGED}
DMKVST427I {CON|PRT|PUN} vaddr SYSTEM SPOOL SPACE FULL; FILE CLOSED
DMKVSP427I {CON|PRT|PUN} vaddr SYSTEM SPOOL SPACE FULL; FILE CLOSED
DMKSPT024E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKDEF024E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKCSV024E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKCSU024E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKCSQ024E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKCSPO24E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKCSO024E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKCQH024E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID

DMKDAD518I {DASD|TAPE} { 'addr' 'devname' RECV ERROR CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKTAP504I {DASD|TAPE} 'raddr' 'devname' DATA CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKTAP504I {DASD|TAPE} 'addr' 'devname' DATA CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid'

```

DMKCFU046E {DEV rid|type raddr} OFFLINE
DMKVDE046E {DEV rid|type raddr} OFFLINE
DMKVDD046E {DEV rid|type raddr} OFFLINE
DMKSPT046E {DEV rid|type raddr} OFFLINE
DMKNLE046E {DEV rid|type raddr} OFFLINE
DMKNLD046E {DEV rid|type raddr} OFFLINE
DMKNET046E {DEV rid|type raddr} OFFLINE
DMKNES046E {DEV rid|type raddr} OFFLINE
DMKNEA046E {DEV rid|type raddr} OFFLINE
DMKMCC046E {DEV rid|type raddr} OFFLINE
DMKDEI046E {DEV rid|type raddr} OFFLINE
DMKCSO046E {DEV rid|type raddr} OFFLINE
DMKCSB046E {DEV rid|type raddr} OFFLINE
DMKCPV046E {DEV rid|type raddr} OFFLINE
DMKCF046E {DEV rid|type raddr} OFFLINE

DMKNES175E {FAVORED|RESERVE|name} ALREADY IN USE BY userid
DMKCF0175E {FAVORED|RESERVE|name} ALREADY IN USE BY userid
DMKCF0175E {FAVORED|RESERVE|name} ALREADY IN USE BY userid
DMKCFG175E {FAVORED|RESERVE|name} ALREADY IN USE BY userid

DMKMCI618I {INSTRUCTION RETRY|MAIN STORAGE} NOW IN {RECORD|QUIET} MODE cpuid

DMKRNH454I {LINE addr|DEV rid} DISABLED
DMKRG454I {LINE addr|DEV rid} DISABLED
DMKCN454I {LINE addr|DEV rid} DISABLED
DMKBSC517I {LINE|TAPE} 'addr' 'devname' NOT/KNOWN CMD='cm' SNS='sense' CSW='csw'
USERID='userid'

DMKTTY152E {PFCOPY|PFTAB} NOT AVAILABLE
DMKVDE122E [PRT rid|type raddr] ALREADY ATTACHED TO userid
DMKNEA122E rid|type raddr ALREADY ATTACHED TO userid
DMKVDE121E [PRT rid|type raddr] NOT ATTACHED TO userid
DMKVDD121E [PRT rid|type raddr] NOT ATTACHED TO userid
DMKNEA121E rid|type raddr NOT ATTACHED TO userid
DMKVDE120E [PRT rid|type raddr] NOT ATTACHED; userid vaddr ALREADY DEFINED
DMKNEA120E [PRT rid|type raddr] NOT ATTACHED; userid vaddr ALREADY DEFINED
DMKSPS428E {PRT|PUN|RDR|TAPE} raddr SPOOL ERROR; FILE {HELD|PURGED}
DMKRST428E {PRT|PUN|RDR|TAPE} raddr SPOOL ERROR; FILE {HELD|PURGED}
DMKRSP428E {PRT|PUN|RDR|TAPE} raddr SPOOL ERROR; FILE {HELD|PURGED}

DMKNEA430A {PRT|PUN}raddr FATAL I/O ERROR; NOW OFFLINE, FILE HELD
DMKRSE520A {RDR|PRT|PUN} 'addr' 'devname' PERM ERROR CMD='cm' SNS='sense'
CSW='csw' USERID='userid'
DMKSPS426E {RDR|TAPE} raddr SPOOL SPACE FULL; FILE PURGED
DMKRST426E {RDR|TAPE} raddr SPOOL SPACE FULL; FILE PURGED

DMKDAS327A addr INTERVENTION REQUIRED - SET READ, R/W SWITCH TO R/W

DMKLOG189E AFFINITY NOT SET; SYSTEM IN UNIPROCESSOR MODE
DMKCFY189E AFFINITY NOT SET; SYSTEM IN UNIPROCESSOR MODE
DMKDEF258I ALL 3800 DATA CHECKS WILL BE REFLECTED
DMKLOG054E ALREADY LOGGED ON {LINE|GRAF|LUNAME} raddr
DMKMCT625I ALTERNATE PROCESSOR RECOVERY SUCCESSFUL; PROCESSOR nn OFFLINE
DMKVDG340I AREA TYPE type TRUNCATED FOR CP OWNED VOLUME valid
DMKVDG341I AREA TYPE type DEFAULTED FOR CP OWNED VOLUME valid
DMKCPI959W ATTACHED PROCESSOR NOT ONLINE
DMKCPI958I ATTACHED PROCESSOR NOT OPERATIONAL
DMKALG059E AUTOLOG FAILED FOR userid- {IPL MISSING|IPL FAILED|ACCOUNTING ERROR|
INCORRECT PASSWORD}
DMKALG115E AUTOLOG INVALID; EXCESSIVE INCORRECT PASSWORDS

```

DMKCSB031E BUFFER MISSING OR INVALID [modifier]
 DMKCSB043E BUFFER name DOES NOT EXIST

DMKLOG206E CANNOT CONNECT TO HOST VIRTUAL MACHINE
 DMKDIA206E CANNOT CONNECT TO HOST VIRTUAL MACHINE
 DMKCDS166E CHANGED SHARED PAGE NOT WRITTEN TO AUXILIARY STORAGE
 DMKCCH605I CHANNEL CHECK RECORDING FAILURE
 DMKCCH601E CHANNEL CONTROL CHECK DEV xxx; USER 'userid'
 DMKCCH601I CHANNEL CONTROL CHECK DEV xxx; USER 'userid'
 DMKCCH603W CHANNEL ERROR
 DMKACR603W CHANNEL ERROR
 DMKVDE034E CHANNEL MISSING OR INVALID
 DMKVDD134E CHANNEL MISSING OR INVALID
 DMKVCH034E CHANNEL MISSING OR INVALID
 DMKMCT623I CHANNEL SET CONNECTED TO ATTACHED PROCESSOR nn
 DMKCPP623I CHANNEL SET CONNECTED TO PROCESSOR nn
 DMKVCH130E CHANNEL x [PROC nn] NOT ATTACHED TO userid
 DMKVCH147E CHANNEL x [PROC nn] NOT ATTACHED; ALTERNATE PATHS DEFINED
 DMKVCH132E CHANNEL x ALREADY DEFINED BY userid
 DMKVCH129E CHANNEL x DEVICES IN USE
 DMKVCH048E CHANNEL x DOES NOT EXIST
 DMKVCH138E CHANNEL x NOT ATTACHED; INSUFFICIENT FREE STORAGE
 DMKCSU245E CHARS MISSING OR INVALID
 DMKCSP245E CHARS MISSING OR INVALID
 DMKCSO245E CHARS MISSING OR INVALID
 DMKCKS919E CHECKPOINT AREA INVALID; CHECKPOINTING TERMINATED
 DMKWRN919E CHECKPOINT AREA INVALID; CHECKPOINTING TERMINATED
 DMKCKV917E CHECKPOINT AREA INVALID; CLEAR STORAGE AND COLD START
 DMKSPS028E CLASS MISSING OR INVALID
 DMKCSV028E CLASS MISSING OR INVALID
 DMKCSP028E CLASS MISSING OR INVALID
 DMKCSO028E CLASS MISSING OR INVALID
 DMKCSB028E CLASS MISSING OR INVALID
 DMKCQR028E CLASS MISSING OR INVALID
 DMKCQG028E CLASS MISSING OR INVALID
 DMKNET157E CLUSTER=parm MISSING FROM RDEVICE MACRO - DEV raddr
 DMKNEA157E CLUSTER=parm MISSING FROM RDEVICE MACRO - DEV raddr
 DMKVDE293E CMD REJECTED cuu VIOLATES PMA RESTRICTION
 DMKLNK293E CMD REJECTED; vaddr VIOLATES PMA RESTRICTION
 DMKDEF293E CMD REJECTED; vaddr VIOLATES PMA RESTRICTION

DMKLOG067E COMMAND FORMAT NOT VALID
 DMKTRA291E COMMAND REJECTED; {PMA|SPMODE} IN USE
 DMKCPO291E COMMAND REJECTED; {PMA|SPMODE} IN USE
 DMKCFS291E COMMAND REJECTED; {PMA|SPMODE} IN USE
 DMKCF0291E COMMAND REJECTED; {PMA|SPMODE} IN USE
 DMKCFD291E COMMAND REJECTED; {PMA|SPMODE} IN USE
 DMKVDE199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DMKSPT199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DMKNLE199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DMKNLD199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DMKNET199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DMKNES199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DMKMCC199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DMKLNK199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DMKDIA199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DMKCPV199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DMKCFU199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DMKQVM802E COMMAND REJECTED, DEVICES NOT DEDICATED
 DMKQVM800E COMMAND REJECTED, OTHER VIRTUAL MACHINES LOGGED ON
 DMKQVM803E COMMAND REJECTED, SPOOL DEVICES NOT DRAINED
 DMKQVM809E COMMAND REJECTED, TRACE/ADSTOP/CCW TRANS IN EFFECT
 DMKQVM806E COMMAND REJECTED, VIRTUAL ADDRESS NOT EQUAL TO REAL ADDRESS
 DMKQVM807E COMMAND REJECTED, VM/SP ATTACHED PROCESSOR MODE

DMKDDR731I COMPACT OPTION IS IGNORED
 DMKVMD013E CONFLICTING OPTION - option
 DMKTRA013E CONFLICTING OPTION - option
 DMKCSV013E CONFLICTING OPTION - option
 DMKCSU013E CONFLICTING OPTION - option
 DMKCSP013E CONFLICTING OPTION - option
 DMKCSO013E CONFLICTING OPTION - option
 DMKCSB013E CONFLICTING OPTION - option
 DMKCQH013E CONFLICTING OPTION - option
 DMKCFU013E CONFLICTING OPTION - option
 DMKCFG013E CONFLICTING OPTION - option
 DMKPEL013E CONFLICTING OPTION - option1 AND option2
 DMKPEL013W CONFLICTING OPTION - NORUN CONFLICTS WITH PRINTER - OPTION FORCED
 DMKPEL013W CONFLICTING OPTION - PRINTER CONFLICTS WITH NORUN - OPTION FORCED
 DMKPEL013W CONFLICTING OPTION - PRINTER CONFLICTS WITH STEP - OPTION FORCED
 DMKPEL013W CONFLICTING OPTION - STEP CONFLICTS WITH PRINTER - OPTION FORCED
 DMKMCT626E CONSOLE FUNCTION MODE ENTERED; REQUIRED PROCESSOR NOW OFFLINE
 DMKPAH415E CONTINUOUS PAGING ERRORS FROM DASD.xxx
 DMKDDR702E CONTROL STATEMENT SEQUENCE ERROR
 DMKCSU030E COPIES MISSING OR INVALID
 DMKCSP030E COPIES MISSING OR INVALID
 DMKCSO030E COPIES MISSING OR INVALID
 DMKCPI185E CP ASSIST LEVEL xx DOES NOT MATCH CP LEVEL yy
 DMKCF0186E CP ASSIST NOT AVAILABLE
 DMKDSP450W CP ENTERED; DISABLED WAIT PSW 'psw'
 DMKDSP452W CP ENTERED; EXTERNAL INTERRUPT LOOP
 DMKVMA456W CP ENTERED; name SHARED PAGE hexloc ALTERED
 DMKPTR410W CP ENTERED; PAGING ERROR
 DMKPRG453W CP ENTERED; PROGRAM INTERRUPT LOOP
 DMKPRG411W CP ENTERED; TRANSLATION EXCEPTION WHILE IN NON-EC MODE
 DMKCPI962I CP OWNED DASD cuu VOLID volid INVALID ALLOCATION RECORD
 DMKDMP913I CP OWNED VOLID xxxxxxxx INVALID FOR 3330V
 DMKCPI913I CP OWNED VOLID xxxxxxxx INVALID FOR 3330V
 DMKCPI344W CP OWNED VOLUME volid INVALID TYPE
 DMKVDG344W CP OWNED VOLUME volid INVALID TYPE
 DMKCPI951I CP VOLID volid NOT MOUNTED
 DMKTRT307I CPTRAP (CP/VIRTUAL) cccc INTERFACE IGNORED
 DMKTRT308I CPTRAP DATA LOST
 DMKTRP306E CPTRAP IS ALREADY ACTIVE
 DMKTRP304E CPTRAP IS STOPPING, NO INPUT ALLOWED
 DMKTRP305I CPTRAP SELECTIVITY RESET
 DMKDIB058E CTC vaddr BUSY ON userid

 DMKRNH463I CTLR 'raddr' UNIT CHECK; RESTART IN PROGRESS
 DMKRNH468I CTLR raddr COMMUNICATIONS SCANNER FAILURE
 DMKCQP466I CTLR raddr IN BUFFER SLOWDOWN MODE
 DMKCQQ466I CTLR raddr IN BUFFER SLOWDOWN MODE
 DMKNLE470E CTLR raddr {LOAD|DUMP} FAILED: PAGING I/O ERROR
 DMKNLD470E CTLR raddr {LOAD|DUMP} FAILED: PAGING I/O ERROR
 DMKNLE460E CTLR raddr {LOAD|DUMP} FAILED: PROGRAM CHECK
 DMKNLD460E CTLR raddr {LOAD|DUMP} FAILED: PROGRAM CHECK
 DMKNLE469E CTLR raddr {LOAD|DUMP} FAILED: TEMP SPACE NOT AVAILABLE
 DMKRNH464I CTLR raddr CC=3; DEPRESS 370X "LOAD" BUTTON
 DMKNLE464I CTLR raddr CC=3; DEPRESS 370X "LOAD" BUTTON
 DMKNLE471E CTLR raddr DUMP FAILED: UNRECOVERABLE I/O ERROR
 DMKVDS465W CTLR raddr EMULATOR LINES IN USE BY SYSTEM
 DMKNLD461R CTLR raddr IPL NOT REQUIRED; ENTER 'YES' TO CONTINUE
 DMKNLE461R CTLR raddr IPL NOT REQUIRED; ENTER "YES" TO CONTINUE
 DMKNLD471E CTLR raddr LOAD FAILED: UNRECOVERABLE I/O ERROR
 DMKRNH462I CTLR raddr UNIT CHECK; IPL REQUIRED
 DMKSSP536I raddr 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc; NOTIFY CE
 DMKSAV536I raddr 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc; NOTIFY CE
 DMKFMT536I raddr 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc; NOTIFY CE

```

DMKDMP536I raddr 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc; NOTIFY CE
DMKDIR536I raddr 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc; NOTIFY CE
DMKDDR536I raddr 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc; NOTIFY CE
DMKDAU536I raddr 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc; NOTIFY CE
DMKDAS536I raddr 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc; NOTIFY CE
DMKDAD536I raddr 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc; NOTIFY CE
DMKCPI536I raddr 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc; NOTIFY CE
DMKCKP536I raddr 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc; NOTIFY CE
DMKDAU534I DASD 'addr' 'devname' BKSIZ EX CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKDAU533I DASD 'addr' 'devname' CHECK DATA CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKDAD506I DASD addr 'devname' TRKCOND CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKDAU535I DASD addr 'devname' WRT INHIBT CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKVDE151I DASD addr NOT ATTACHED, BUSY PERSISTS, IOBSTAT=xx, IOBCSW+4=yyyy
DMKDSB956A DASD raddr VOLID volid NOT MOUNTED; NOW OFFLINE
DMKDAS956A DASD raddr VOLID volid NOT MOUNTED; NOW OFFLINE
DMKDAD956A DASD raddr VOLID volid NOT MOUNTED; NOW OFFLINE
DMKDEI279E DASD NOT VUA
DMKVDE123E DASD raddr CP OWNED
DMKVDD123E DASD raddr CP OWNED
DMKCPT123E DASD raddr CP OWNED
DMKDAS507I DASD raddr devname SEEK CK CMD=cm SNS=sense CSW=csw USERID=userid
DMKVDE128E DASD raddr ERROR READING ALLOCATION RECORD
DMKVDE126E DASD raddr ERROR READING VOLID
DMKVDE124E DASD raddr IN USE BY nnn USERS
DMKVDD124E DASD raddr IN USE BY nnn USERS
DMKCPT124E DASD raddr IN USE BY nnn USERS
DMKCPO124E DASD raddr IN USE BY nnn USERS
DMKLNK139E DASD raddr NOT {LINKED|ATTACHED}; 3330V NOT ACCEPTED AS SYSTEM VOLUME
DMKVDE133E DASD raddr NOT READY
DMKSAV351W DASD raddr NOT READY
DMKSAV350W DASD raddr VOLID NOT aaaaaa
DMKVDE125E DASD raddr VOLID volid ALREADY ATTACHED TO SYSTEM
DMKVDE127E DASD raddr VOLID volid DOES NOT MATCH
DMKCPI954E DASD raddr VOLID volid NOT MOUNTED; DUPLICATE OF DASD raddr
DMKLNK101W DASD vaddr FORCED R/O; R/O BY {nnn USERS|userid}
DMKLNK102W DASD vaddr FORCED R/O; R/W BY {nnn USERS|userid}
DMKLNK103W DASD vaddr FORCED R/O; R/W BY {nnn USERS|userid}; R/O BY {nnn USERS|userid}
DMKLOG091E DASD vaddr NOT DEFINED; TEMP SPACE NOT AVAILABLE
DMKDEF091E DASD vaddr NOT DEFINED; TEMP SPACE NOT AVAILABLE
DMKLNK137E DASD vaddr NOT LINKED; CHAN x DEDICATED
DMKCFS205E DAT IGNORE NOT SET; INVALID TRANSLATION FORMAT
DMKDDR717R DATA DUMPED FROM volid1 TO BE RESTORED TO volid2. DO YOU WISH TO CONTINUE?
RESPOND YES NO OR REREAD:
DMKMID310E DATE date INVALID; NOT CHANGED
DMKDDR728E DECODE ERROR ENCOUNTERED: xx
DMKMCH628I DEGRADATION; CP WILL TRY RECOVERY IN 1 MINUTE
DMKVDD273E DETACH REJ VIRTUAL MACHINE TRACING I/O
DMKDEF136E DEV addr NOT {DEFINED|VARIED}; CHAN xx DEDICATED
DDMKVDE040E DEV addr DOES NOT EXIST
DMKVDD040E DEV addr DOES NOT EXIST
DMKSPT040E DEV addr DOES NOT EXIST
DMKNLE040E DEV addr DOES NOT EXIST
DMKNLD040E DEV addr DOES NOT EXIST
DMKNET040E DEV addr DOES NOT EXIST
DMKNES040E DEV addr DOES NOT EXIST
DMKNEA040E DEV addr DOES NOT EXIST
DMKMCD040E DEV addr DOES NOT EXIST
DMKMCC040E DEV addr DOES NOT EXIST
DMKDIB040E DEV addr DOES NOT EXIST
DMKDIA040E DEV addr DOES NOT EXIST

```

DMKDEF040E DEV addr DOES NOT EXIST
 DMKCST040E DEV addr DOES NOT EXIST
 DMKCSQ040E DEV addr DOES NOT EXIST
 DMKCSO040E DEV addr DOES NOT EXIST
 DMKCSB040E DEV addr DOES NOT EXIST
 DMKCQQ040E DEV addr DOES NOT EXIST
 DMKCQP040E DEV addr DOES NOT EXIST
 DMKCQG040E DEV addr DOES NOT EXIST
 DMKCPZ040E DEV addr DOES NOT EXIST
 DMKCPV040E DEV addr DOES NOT EXIST
 DMKCPT040E DEV addr DOES NOT EXIST
 DMKCPB040E DEV addr DOES NOT EXIST
 DMKCFU040E DEV addr DOES NOT EXIST
 DMKCFG040E DEV addr DOES NOT EXIST
 DMKCFD040E DEV addr DOES NOT EXIST
 DMKCPs040E DEV vaddr DOES NOT EXIST
 DMKFMT738A DEV raddr INTERVENTION REQUIRED
 DMKDDR710A DEV raddr INTERVENTION REQUIRED
 DMKDIR754E DEV raddr NOT OPERATIONAL
 DMKDDR704E DEV raddr NOT OPERATIONAL
 DMKFMT730E DEV raddr NOT OPERATIONAL OR NOT READY
 DMKCPT154E DEV raddr VARY FAILED, VARY IN PROCESS
 DMKNET098E DEV rid MODE SWITCH NOT POSSIBLE
 DMKNES098E DEV rid MODE SWITCH NOT POSSIBLE
 DMKDIA098E DEV rid MODE SWITCH NOT POSSIBLE
 DMKLOG090E DEV vaddr NOT DEFINED; DEV {raddr|volser} NOT AVAILABLE
 DMKLOG093E DEV vaddr NOT DEFINED; ERROR IN CP DIRECTORY
 DMKLOG095E DEV vaddr NOT DEFINED; INSUFFICIENT FREE STORAGE
 DMKDEF095E DEV vaddr NOT DEFINED; INSUFFICIENT FREE STORAGE
 DMKLOG092E DEV vaddr NOT DEFINED; type vaddr ALREADY DEFINED
 DMKDEG092E DEV vaddr NOT DEFINED; type vaddr ALREADY DEFINED
 DMKSSS075E DEVICE 'Volid' IS NOT AVAILABLE
 DMKDEI075E DEVICE 'raddr' IS NOT AVAILABLE
 DMKCPT075E DEVICE 'raddr' IS NOT AVAILABLE
 DMKDEF153E DEVICE vaddr EXCEEDED MAX NUMBER OF VIRTUAL DEVICES
 DMKLNK153E DEVICE {vaddr|RNG} EXCEEDED MAX NUMBER OF VIRTUAL DEVICES
 DMKVDE153E DEVICE {vaddr|RNG} EXCEEDED MAX NUMBER OF VIRTUAL DEVICES
 DMKDEF136E DEVICE vaddr NOT {DEFINED|VARIED}; CHANNEL XX DEDICATED
 DMKCPT136E DEVICE {vaddr|raddr} NOT {DEFINED|VARIED}; CHANNEL XX DEDICATED
 DMKFMT741E DEVICE raddr IS zzzz NOT xxxx-nn AS SPECIFIED RESPECIFY OR NOTIFY SYSTEM SUPPORT.

DMKDEI278E DEVICE NOT A DASD
 DMKSSS072E DEVICE NOT AVAILABLE - 'raddr' NOT PROPER TYPE
 DMKSSS071E DEVICE NOT AVAILABLE - MSS CANNOT BE ACCESSED
 DMKSSS070E DEVICE NOT AVAILABLE - MSS DEVICES ALLOCATED
 DMKACR149E DEVICE PATH raddr PROC nn PRESENTED cc3 ON I/O REQUEST
 DMKCSV035E DEVICE TYPE MISSING OR INVALID
 DMKDIA707A DIAL FUNCTION NOT AVAILABLE
 DMKDIR762E DIRECTORY STATEMENT MISSING
 DMKCPI967I DISCONNECT userid - SYSTEM RESTARTED (mmnnnn) AND SYSTEM CONSOLE NOT VM OPERATOR CONSOLE
 DMKCSV032E DIST CODE MISSING OR INVALID
 DMKCSP032E DIST CODE MISSING OR INVALID
 DMKCDM061E DUMP FAILED; VIRTUAL PRINTER ERROR
 DMKCDM060E DUMP FAILED; VIRTUAL PRINTER UNAVAILABLE
 DMKRND861E DUMP FILE 'filename' NOT FOUND
 DMKDIR758E DUPLICATE UNIT DEFINITION

DMKCFV062E ECMODE NOT SET ON
 DMKMON219I END OF MONITOR TAPE, MONITOR STOPPED BY SYSTEM
 DMKCKV916E ERROR ALLOCATING SPOOL FILE BUFFERS
 DMKCKT916E ERROR ALLOCATING SPOOL FILE BUFFERS

```

DMKLOG052E ERROR IN CP DIRECTORY
DMKLNK052E ERROR IN CP DIRECTORY
DMKCFY052E ERROR IN CP DIRECTORY
DMKDIR764E ERROR IN routine
DMKDDR720E ERROR IN {routine/nnnnnn}
DMKNMT249E ERROR LOADING IMAG imag
DMKMON220I ERROR ON MONITOR TAPE, MONITOR STOPPED BY SYSTEM
DMKIOG553I ERROR RECORDING AREA CLEARED; USER 'userid'
DMKIOG551E ERROR RECORDING AREA FULL; RUN CPEREPI.
DMKIOF550E ERROR RECORDING AREA 90 PERCENT FULL; RUN CPEREPI
DMKNMT254E ERROR SAVING imag3800 - RC = (rc)
DMKIOH560W ERRORS ON SRF vaddr: FRAMES NOT ON ERROR CYLINDERS

DMKLD0923I FAILING STORAGE FRAME AT LOCATION rstor
DMKCPV923I FAILING STORAGE FRAME AT LOCATION rstor
DMKCPI923I FAILING STORAGE FRAME AT LOCATION rstor
DMKSAV352W FATAL DASD I/O ERROR
DMKFMT735E FATAL DASD IO ERROR
DMKRND852I FATAL I/O ERROR WRITING DUMP
DMKUDR475I FATAL IO ERROR TRYING TO READ DIRECTORY
DMKCSU246E FCB MISSING OR INVALID
DMKCSP246E FCB MISSING OR INVALID
DMKCSO246E FCB MISSING OR INVALID
DMKFMT739E FLAGGED PRIMARY TRACK HAS NO ALTERNATE ASSIGNED;IO ERROR FOLLOWS
DMKDDR727E FLAGGED TRK xxxxxxxxxxxx HAS NO PROPER ALTERNATE; SKIPPING THIS TRK
DMKCSU243E FLASH MISSING OR INVALID
DMKCSQ243E FLASH MISSING OR INVALID
DMKCSO243E FLASH MISSING OR INVALID
DMKCSU029E FNAME FTYPE MISSING OR INVALID
DMKCSP029E FNAME FTYPE MISSING OR INVALID
DMKMCD227E FOR OPTION INVALID WITH AUTODISK OFF
DMKMCD228E FOR OPTION INVALID WITH MONITOR ON
DMKMCD226E FOR VALUE MIDNIGHT - COMMAND INVALID
DMKIOG552I FORMATTING ERROR RECORDING AREA
DMKQVM801E FREE STORAGE PAGE IS NOT AVAILABLE
DMKDDR729I FULL TRACK READ FEATURE NOT AVAILABLE
DMKGRF531I GRAF 'addr' 'devname' CNTRL CHECK CMD='cm' SNS='sense' USERID='userid'
DMKGRF532I GRAF 'addr' 'devname' OP CHECK CMD='cm' SNS='sense' USERID='userid'
DMKGRF530I GRAF 'addr' 'devname' UNIT SPEC CMD='cm' SNS='sense' USERID='userid'

DMKVMD160E HEXLOC hexloc EXCEEDS STORAGE
DMKNET160E HEXLOC hexloc EXCEEDS STORAGE
DMKNES160E HEXLOC hexloc EXCEEDS STORAGE
DMKCPV160E HEXLOC hexloc EXCEEDS STORAGE
DMKCFD160E HEXLOC hexloc EXCEEDS STORAGE
DMKCDS160E HEXLOC hexloc EXCEEDS STORAGE
DMKCDM160E HEXLOC hexloc EXCEEDS STORAGE
DMKCDB160E HEXLOC hexloc EXCEEDS STORAGE
DMKCFP164E HEXLOC hexloc NON-ADDRESSABLE STORAGE
DMKCFD164E HEXLOC hexloc NON-ADDRESSABLE STORAGE
DMKCDS164E HEXLOC hexloc NON-ADDRESSABLE STORAGE
DMKVMD033E HEXLOC MISSING OR INVALID
DMKNET033E HEXLOC MISSING OR INVALID
DMKCPV033E HEXLOC MISSING OR INVALID
DMKCDS033E HEXLOC MISSING OR INVALID
DMKCDM033E HEXLOC MISSING OR INVALID

DMKVER575I I/O ERROR ADD=raddr, USERID= userid
DMKFMT736E I/O ERROR raddr {CCHHR=cchhr|BLOCK=nnnnnn} SENSE='sense'
DMKDIR755E I/O ERROR raddr CSW='csw' SENSE='sense'
DMKDDR705E I/O ERROR vaddr CSW='csw' SENSE='sense' INPUT='bbcchh' OUTPUT={'bbcchh'|
'nnnnnn'} CCW='ccw'
DMKACO425E I/O ERROR ON SPOOL DEVICE DURING ACCOUNTING
DMKCF5086E I/O ERROR ON DASD

```

```

DMKRG705I I/O ERROR RESID=resource id STATUS=status LINE=addr
DMKCSO244E IMAGE LIBRARY MISSING OR INVALID
DMKLOG069I INCOMPLETE RECOVERY; 'SYSTEM RESTART' OR 'BEGIN'
DMKCSB036E INDEX MISSING OR INVALID
DMKCPI966I INITIALIZATION COMPLETE
DMKCPJ966I INITIALIZATION COMPLETE
DMKDDR724E INPUT TAPE CONTAINS A CP NUCLEUS DUMP
DMKDDR700E INPUT UNIT IS NOT A CPVOL
DMKLOG131E INSUFFICIENT FREE STORAGE AVAILABLE FOR {ATTACH|LOGON} REQUEST
DMKCPH131E INSUFFICIENT FREE STORAGE AVAILABLE FOR {ATTACH|LOGON} REQUEST
DMKVDE131E INSUFFICIENT FREE STORAGE AVAILABLE FOR ATTACH REQUEST
DMKDIA017E INSUFFICIENT SCREEN SPACE - CLEAR SCREEN AND REDIAL
DMKCPI955W INSUFFICIENT STORAGE FOR VM/HPO
DMKNMT256E INSUFFICIENT VIRTUAL STORAGE
DMKCCH602E INTERFACE CONTROL CHECK DEV xxx; USER 'userid'
DMKCCH602I INTERFACE CONTROL CHECK DEV xxx; USER 'userid'
DMKCFH436E INTERRUPT PENDING. TO PROCEED, TYPE YES. TO END, TYPE NO.
DMKDID546I INTERRUPTION {CLEARED|PENDING} {DEVICE|CONTROL UNIT} cuu CSW csw USERID id
DMKCFQ546I INTERRUPTION {CLEARED|PENDING} {DEVICE|CONTROL UNIT} cuu CSW csw USERID id
DMKVDE006E INVALID DEVICE TYPE - addr
DMKVDD006E INVALID DEVICE TYPE - addr
DMKSPT006E INVALID DEVICE TYPE - addr
DMKNLE006E INVALID DEVICE TYPE - addr
DMKNLD006E INVALID DEVICE TYPE - addr
DMKNET006E INVALID DEVICE TYPE - addr
DMKNES006E INVALID DEVICE TYPE - addr
DMKNEA006E INVALID DEVICE TYPE - addr
DMKMCC006E INVALID DEVICE TYPE - addr
DMKCSV006E INVALID DEVICE TYPE - addr
DMKCST006E INVALID DEVICE TYPE - addr
DMKCSQ006E INVALID DEVICE TYPE - addr
DMKCSO006E INVALID DEVICE TYPE - addr
DMKCSB006E INVALID DEVICE TYPE - addr
DMKCQQ006E INVALID DEVICE TYPE - addr
DMKCPB006E INVALID DEVICE TYPE - addr
DMKCFT006E INVALID DEVICE TYPE - addr
DMKCFS006E INVALID DEVICE TYPE - addr
DMKCFU006E INVALID DEVICE TYPE - addr
DMKDIB006E INVALID DEVICE TYPE - addr
DMKCFH011E INVALID DEVICE TYPE - userid vaddr
DMKCPT011E INVALID DEVICE TYPE - userid vaddr
DMKDEF011E INVALID DEVICE TYPE - userid vaddr
DMKDIB011E INVALID DEVICE TYPE - userid vaddr
DMKDIA011E INVALID DEVICE TYPE - userid vaddr
DMKLNK011E INVALID DEVICE TYPE - userid vaddr
DMKLOG011E INVALID DEVICE TYPE - userid vaddr
DMKLOH011E INVALID DEVICE TYPE - userid vaddr
DMKNEA011E INVALID DEVICE TYPE - userid vaddr
DMKVDE011E INVALID DEVICE TYPE - userid vaddr
DMKCDS162W INVALID ECR x - hexdata
DMKCDS162E INVALID ECR x - hexdata
DMKDDR719E INVALID FILE NAME OR FILE NOT FOUND
DMKDIR763E INVALID FILENAME OR FILE NOT FOUND
DMKCPB005E INVALID HEXDATA - hexdata
DMKCDS005E INVALID HEXDATA - hexdata
DMKNET004E INVALID HEXLOC - hexloc
DMKNES004E INVALID HEXLOC - hexloc
DMKCPV004E INVALID HEXLOC - hexloc
DMKCFD004E INVALID HEXLOC - hexloc
DMKCFJ004E INVALID HEXLOC - hexloc
DMKCDM004E INVALID HEXLOC - hexloc
DMKCDB004E INVALID HEXLOC - hexloc
DMKCDS004E INVALID HEXLOC - operand

```

DMKDDR708E INVALID INPUT OR OUTPUT DEFINITION
 DMKMNI225E INVALID MONITOR USERID SPECIFIED, MON NOT ENABLED
 DMKFM737E INVALID OPERAND
 DMKTRA002E INVALID OPERAND - operand
 DMKTHI002E INVALID OPERAND - operand
 DMKSPT002E INVALID OPERAND - operand
 DMKPEI002E INVALID OPERAND - operand
 DMKPEN002E INVALID OPERAND - operand
 DMKNLD002E INVALID OPERAND - operand
 DMKNET002E INVALID OPERAND - operand
 DMKNES002E INVALID OPERAND - operand
 DMKNEA002E INVALID OPERAND - operand
 DMKMNI002E INVALID OPERAND - operand
 DMKMC002E INVALID OPERAND - operand
 DMKMCC002E INVALID OPERAND - operand
 DMKDIR751E INVALID OPERAND - operand
 DMKDDR701E INVALID OPERAND - operand
 DMKCQS002E INVALID OPERAND - operand
 DMKCFW002E INVALID OPERAND - operand
 DMKCF002E INVALID OPERAND - operand
 DMKCFJ002E INVALID OPERAND - operand
 DMKCFG002E INVALID OPERAND - operand
 DMKCF002E INVALID OPERAND - operand
 DMKVDE003E INVALID OPTION - option
 DMKUS003E INVALID OPTION - option
 DMKTRA003E INVALID OPTION - option
 DMKTHI003E INVALID OPTION - option
 DMKSPT003E INVALID OPTION - option
 DMKPEI003E INVALID OPTION - option
 DMKPEN003E INVALID OPTION - option
 DMKPEQ003E INVALID OPTION - option
 DMKPET003E INVALID OPTION - option
 DMKNLE003E INVALID OPTION - option
 DMKNET003E INVALID OPTION - option
 DMKMSG003E INVALID OPTION - option
 DMKMCI003E INVALID OPTION - option
 DMKMCC003E INVALID OPTION - option
 DMKLOG003E INVALID OPTION - option
 DMKDEF003E INVALID OPTION - option
 DMKCSV003E INVALID OPTION - option
 DMKCST003E INVALID OPTION - option
 DMKCSQ003E INVALID OPTION - option
 DMKCSO003E INVALID OPTION - option
 DMKCSB003E INVALID OPTION - option
 DMKCQS003E INVALID OPTION - option
 DMKCQR003E INVALID OPTION - option
 DMKCQP003E INVALID OPTION - option
 DMKCPV003E INVALID OPTION - option
 DMKCP003E INVALID OPTION - option
 DMKCFY003E INVALID OPTION - option
 DMKCFU003E INVALID OPTION - option
 DMKCF003E INVALID OPTION - option
 DMKCF003E INVALID OPTION - option
 DMKCFJ003E INVALID OPTION - option
 DMKCFG003E INVALID OPTION - option
 DMKCDM003E INVALID OPTION - option
 DMKCD003E INVALID OPTION - option
 DMKCPV204E INVALID PAGE(S) SPECIFIED, V=R AREA
 DMKRND863E INVALID PARAMETER _ parameter
 DMKCPB012E INVALID PSW - psw
 DMKCD012E INVALID PSW - psw
 DMKVMD009E INVALID RANGE - range
 DMKNET009E INVALID RANGE - range
 DMKNES009E INVALID RANGE - range

DMKDEI009E INVALID RANGE - range
 DMKCPV009E INVALID RANGE - range
 DMKCDM009E INVALID RANGE - range
 DMKCDB009E INVALID RANGE - range
 DMKPEI010E INVALID REGISTER - register
 DMKCD010E INVALID REGISTER - register
 DMKCD010E INVALID REGISTER - register
 DMKSPT008E INVALID SPOOLID - spoolid
 DMKCSV008E INVALID SPOOLID -spoolid
 DMKCSU007E INVALID USERID - userid
 DMKCSPO07E INVALID USERID - userid
 DMKCPV007E INVALID USERID - userid
 DMKVMI233E IPL OVERLAY ERROR
 DMKVMI234E IPL SENSE ERROR
 DMKVMI230E IPL SIO ERROR
 DMKVMI231E IPL TIO ERROR
 DMKVMI232E IPL UNIT ERROR; CSW csw SNS sense

DMKCP0198W LAST PATH TO DEVICE raddr ON PROCESSOR nn
 DMKMCD224E LIMIT MUST BE BETWEEN 10 and 50000
 DMKCNS455I LINE 'addr' NOT OPERATIONAL text
 DMKRG455I LINE 'addr' NOT OPERATIONAL; text
 DMKNET049E LINE addr IN USE
 DMKNES049E LINE addr IN USE
 DMKCPT049E LINE addr IN USE
 DMKCPT049E LINE addr IN USE
 DMKNES706E LINE addr NOT ENABLED
 DMKDIA056E LINE vaddr BUSY ON userid
 DMKDIA055E LINE(S) NOT AVAILABLE ON userid
 DMKLNK115E LINK INVALID; EXCESSIVE INCORRECT PASSWORDS
 DMKDDR715E LOCATION bbcchh IS A FLAGGED TRACK
 DMKCFU041E LOGMSG nn DOES NOT EXIST

DMKFMT732E MACHINE CHECK
 DMKDIR757E MACHINE CHECK
 DMKDDR707E MACHINE CHECK
 DMKMCT621I MACHINE CHECK; AFFINITY SET OFF
 DMKMCT620I MACHINE CHECK; ATTACHED PROCESSOR NOT BEING USED
 DMKMCH614I MACHINE CHECK; DAMAGED PAGE NOW DELETED cpuid
 DMKMCH615I MACHINE CHECK RECORDING FAILURE cpuid
 DMKMCH616I MACHINE CHECK; USER userid TERMINATED cpuid
 DMKMCH617I MACHINE CHECK; BUFFER OR DLAT DAMAGE cpuid
 DMKMCH619I MACHINE CHECK; OPERATION TERMINATED cpuid
 DMKMCH624I MACHINE CHECK; EXTERNAL DAMAGE
 DMKMCH627I MACHINE CHECK; STORAGE DEGRADATION FOR userid
 DMKMCH634I MACHINE CHECK; DELAYED ACCESS EXCEPTION nn
 DMKMCH635I MACHINE CHECK; PAGING STORAGE CONTROL FAILURE nn
 DMKMCH622W MACHINE CHECK; MULTIPLE CHANNEL ERRORS
 DMKACR622W MACHINE CHECK; MULTIPLE CHANNEL ERRORS
 DMKMCT619I MACHINE CHECK; OPERATION TERMINATED cpuid
 DMKMCH609W MACHINE CHECK; PROCESSOR CONTROLLER DAMAGE cpuid
 DMKMCT610W MACHINE CHECK; SUPERVISOR DAMAGE cpuid
 DMKMCH610W MACHINE CHECK; SUPERVISOR DAMAGE cpuid
 DMKMCH633W MACHINE CHECK; SYSTEM DAMAGE IMMINENT
 DMKMCT611W MACHINE CHECK; SYSTEM INTEGRITY LOST cpuid
 DMKMCH611W MACHINE CHECK; SYSTEM INTEGRITY LOST cpuid
 DMKMCT612W MACHINE CHECK; TIMING FACILITIES DAMAGE
 DMKMCH612W MACHINE CHECK; TIMING FACILITIES DAMAGE
 DMKMCT616I MACHINE CHECK; USER userid TERMINATED cpuid
 DMKPEL311E MAXIMUM NUMBER OF TRACE ELEMENTS EXCEEDED
 DMKPEN311E MAXIMUM NUMBER OF TRACE ELEMENTS EXCEEDED
 DMKLOG051E MAXIMUM USERS EXCEEDED
 DMKCPI330I MISMATCHED DEVICE TYPES AT ADDRESS raddr

DMKCPW330I MISMATCHED DEVICE TYPES AT ADDRESS raddr
 DMKSSS074E MISSING INTERRUPT - DEVICE 'raddr'
 DMKSSU074E MISSING INTERRUPT - DEVICE 'vaddr'
 DMKCFU547E MISSING INTERRUPTION MONITORING NOT AVAILABLE
 DMKCSU253E MODIFY MISSING OR INVALID
 DMKCSP253E MODIFY MISSING OR INVALID
 DMKMCC215E MONITOR ACTIVE; DASTAP CANNOT BE ENABLED DYNAMICALLY
 DMKMCC213E MONITOR CPTRACE IS ALREADY ACTIVE
 DMKMCD214E MONITOR CPTRACE IS NOT ACTIVE
 DMKMCD218E MONITOR NOT STOPPED, OUTSTANDING I/O
 DMKMIA229E MONITOR OUT OF DASD PAGES, IS SHUTTING OFF
 DMKMCC211E MONITOR TAPE IS ALREADY ACTIVE
 DMKMCD212E MONITOR TAPE IS NOT ACTIVE
 DMKMCC217E MONITOR TAPE NOT STARTED, NO CLASS ENABLED
 DMKMCC221E MONITOR TO SPOOL IS ALREADY ACTIVE
 DMKCFVS082E MORE THAN ONE VMSAVE AREA ALLOCATED; MUST SPECIFY AREA NAME
 DMKCFV082E MORE THAN ONE VMSAVE AREA ALLOCATED; MUST SPECIFY AREA NAME
 DMKLOG082E MORE THAN ONE VMSAVE AREA ALLOCATED; MUST SPECIFY AREA NAME
 DMKPEI312E MORE THAN 1 PASS SPECIFIED ON A COMMAND LINE
 DMKPEI312E MORE THAN 1 STEP SPECIFIED ON A COMMAND LINE
 DMKPEI312E MORE THAN 8 RANGES SPECIFIED ON A COMMAND LINE
 DMKIOH561W MORE THAN 50 MCH OR CCH FRAMES WERE READ FROM SRF vaddr
 DMKDDR726E MOVING DATA INTO THE ALTERNATE TRACK CYLINDER(S) IS PROHIBITED
 DMKSSS078I MSS MOUNT PROCEEDING FOR VOLUME 'valid'
 DMKCPU812E MSSF RESPONSE CODE TO VARY CP {ON|OFF} IS nnnn

DMKPST444I nn ADDITIONAL PAGING STORAGE INCREMENTS ARE NOT USABLE
 DMKCPI952I nnnnnK SYSTEM STORAGE
 DMKCFY190I NO AFFINITY SPECIFIED IN DIRECTORY
 DMKRND853I NO DUMP FILES EXIST
 DMKLOG080E NO PREALLOCATED VMSAVE AREA
 DMKCFV080E NO PREALLOCATED VMSAVE AREA
 DMKCFVS080E NO PREALLOCATED VMSAVE AREA
 DMKDDR723E NO VALID CP NUCLEUS ON THE INPUT UNIT
 DMKDDR716R NO VOL1 LABEL FOUND [FOR volser] DO YOU WISH TO CONTINUE? RESPOND YES OR NO
 OR REREAD:
 DMKWRM920I NO WARM START DATA; CKPT START FOR RETRY
 DMKCPI968I SYSTEM SHUTDOWN REQUESTED
 DMKCSO441E NOT ACCEPTED. PREVIOUS BACKSPACE STILL BEING PROCESSED
 DMKDIR760E NOT ENOUGH SPACE ALLOCATED FOR DIRECTORY
 DMKDDR712E NUMBER OF EXTENTS EXCEEDS 20

DMKDIR753E OPERAND MISSING
 DMKDDR703E OPERAND MISSING
 DMKTRA026E OPERAND MISSING OR INVALID
 DMKTHI026E OPERAND MISSING OR INVALID
 DMKSPS026E OPERAND MISSING OR INVALID
 DMKSPS026E OPERAND MISSING OR INVALID
 DMKSPM026E OPERAND MISSING OR INVALID
 DMKPEI026E OPERAND MISSING OR INVALID
 DMKPEO026E OPERAND MISSING OR INVALID
 DMKNLD026E OPERAND MISSING OR INVALID
 DMKNET026E OPERAND MISSING OR INVALID
 DMKNES026E OPERAND MISSING OR INVALID
 DMKNEA026E OPERAND MISSING OR INVALID
 DMKMCI026E OPERAND MISSING OR INVALID
 DMKMCD026E OPERAND MISSING OR INVALID
 DMKMCC026E OPERAND MISSING OR INVALID
 DMKDEI026E OPERAND MISSING OR INVALID
 DMKDEG026E OPERAND MISSING OR INVALID
 DMKDEF026E OPERAND MISSING OR INVALID
 DMKCSV026E OPERAND MISSING OR INVALID
 DMKCST026E OPERAND MISSING OR INVALID
 DMKCSP026E OPERAND MISSING OR INVALID

DMKCSB026E OPERAND MISSING OR INVALID
DMKCQY026E OPERAND MISSING OR INVALID
DMKCQR026E OPERAND MISSING OR INVALID
DMKCPV026E OPERAND MISSING OR INVALID
DMKCP026E OPERAND MISSING OR INVALID
DMKCPB026E OPERAND MISSING OR INVALID
DMKCFW026E OPERAND MISSING OR INVALID
DMKCFU026E OPERAND MISSING OR INVALID
DMKCF026E OPERAND MISSING OR INVALID
DMKCF026E OPERAND MISSING OR INVALID
DMKCF0026E OPERAND MISSING OR INVALID
DMKCFH026E OPERAND MISSING OR INVALID
DMKCFG026E OPERAND MISSING OR INVALID
DMKCFD026E OPERAND MISSING OR INVALID
DMKCFY026E OPERAND MISSING OR INVALID
DMKCD026E OPERAND MISSING OR INVALID
DMKCD026E OPERAND MISSING OR INVALID
DMKCD026E OPERAND MISSING OR INVALID
DMKCP1950A OPERATOR NOT LOGGED ON; EXPLICIT LOGON REQUIRED
DMKDDR725R ORIGINAL INPUT DEVICE WAS (IS) LARGER THAN OUTPUT DEVICE. DO YOU WISH
TO CONTINUE? RESPOND YES OR NO:
DMKDDR718E OUTPUT UNIT IS FILE PROTECTED
DMKDDR722E OUTPUT UNIT NOT PROPERLY FORMATTED FOR THE CP NUCLEUS
DMKDDR713E OVERLAPPING OR INVALID EXTENTS

DMKFMT740E PACK MOUNTED IS 3340-35, NOT 3340-70. MOUNT ANOTHER OR RESPECIFY
DMKCPV165I PAGE hexloc NOT LOCKED; SHARED PAGE
DMKRN864I PAGE REFERENCED NOT AVAILABLE WHILE EDITING xxxxxxxxx
DMKPER174E PAGING ERROR - {I/O|ADDRESS EXCEPTION}: {COMMAND TERMINATED,
IPL FAILED}
DMKSNC435E PAGING ERROR WRITING SAVED SYSTEM
DMKCFP435E PAGING ERROR WRITING SAVED SYSTEM
DMKCFH435E PAGING ERROR WRITING SAVED SYSTEM
DMKCKP435E PAGING ERROR WRITING SAVED SYSTEM
DMKCFG174E PAGING I/O ERROR; IPL FAILED
DMKPST442I PAGING STORAGE FOR {SWAPPING|PAGING}=nnK PAGES; mm% NOT USABLE
DMKPST443I PAGING STORAGE INCREMENT nn IS NOT USABLE
DMKVMD038E PARAMETER parameter FOR option OPTION MISSING OR INVALID
DMKDDR038E PARAMETER parameter FOR option OPTION MISSING OR INVALID
DMKCFG177E PARM EXCEEDS 64 CHARACTERS
DMKLOG050E PASSWORD INCORRECT. REINITIATE LOGON PROCEDURE
DMKPER313E PER FAILURE - CODE n
DMKPET313E PER FAILURE - CODE n
DMKPER314W PER FAILURE - CODE n USERID = userid
DMKPET314W per failure - CODE n USERID = userid
DMKPER182I PER TRACE IS ACTIVE
DMKPEN180E PER TRACE NOT IN EFFECT
DMKPEQ180E PER TRACE NOT IN EFFECT
DMKPET180E PER TRACE NOT IN EFFECT
DMKWRN915E PERMANENT I/O ERROR ON CHECKPOINT AREA
DMKCKV915E PERMANENT I/O ERROR ON CHECKPOINT AREA
DMKCKS915E PERMANENT I/O ERROR ON CHECKPOINT AREA
DMKCFG292E PMA FEATURE NOT AVAILABLE/ENABLED; RC=rc[-ddd]
DMKMCT290E PMA GUEST GIVEN CONTROL DUE TO CODE cde CP DISABLED WAIT
DMKMCH290E PMA GUEST GIVEN CONTROL DUE TO CODE cde CP DISABLED WAIT
DMKCP1964I PROC xx INITIALIZED; PROC yy INITIALIZED
DMKVDE039E PROCESSOR ADDRESS MISSING OR INVALID
DMKVDD039E PROCESSOR ADDRESS MISSING OR INVALID
DMKCPU191E PROCESSOR nn DOES NOT EXIST
DMKCPU194I PROCESSOR nn OFFLINE
DMKCPU193I PROCESSOR nn ONLINE
DMKFMT756E PROGRAM CHECK PSW = psw
DMKDIR756E PROGRAM CHECK PSW = psw

DMKDDR756E PROGRAM CHECK PSW = psw
 DMKRSE524I PRT raddr 'devname' LOAD CHECK CMS='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKRSE540I PRT raddr 'devname' MAINT REQ CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKRSP239I PRT raddr DRAINED. POSSIBLE FCB-FORMS MISMATCH
 DMKRSE242E PRT raddr (3800) INTERVENTION RECD, STATUS CODE cc
 DMKTCS240E PRT raddr, FCB-FORMS MISMATCH, FILEID nnnn {HELD|PURGED}
 DMKRSE252I PRT raddr, FILE nnnn REQUEUED AND HELD
 DMKTCS241E PRT raddr, INVALID LOAD MODULE mmmmm SPECIFIED, FILE nnnn {HELD|PURGED}
 DMKRSE255I PRT raddr, PAGE BUFFER DESTROYED, BACKUP PAGE COUNT = nnnn
 DMKNEA208E PRT rid NOT ENABLED
 DMKTCT421E PRT raddr, INVALID LOAD MODULE mmmmm SPECIFIED, FILE nnnn {HELD|PURGED}
 DMKTCT270E PRTraddr, TOO MANY WCGM'S NEEDED FOR 'CHARS', FILE nnnn {HELD|PURGED}

DMKDEI275E raddr ALREADY SYSVIRT
 DMKDEI280E raddr ALREADY VIRTUAL
 DMKDEI277E raddr ERROR DEMOUNTING VOLUME
 DMKDEI274E raddr HAS A MOUNTED VOLUME. MSS ID NOT AVAILABLE TO DEMOUNT IT
 DMKLOG156E raddr1 raddr2 raddr3 SUBSYSTEM DEVICES NOT AVAILABLE
 DMKVDE156E raddr1 raddr2 raddr3 SUBSYSTEM DEVICES NOT AVAILABLE
 DMKCPI328E raddr1 raddr2 raddr3 IMPROPERLY GENNED; VARIED OFFLINE
 DMKCPZ328E raddr1 raddr2 raddr3 IMPROPERLY GENNED; VARIED OFFLINE
 DMKSPT021E RADDR MISSING OR INVALID
 DMKNLE021E RADDR MISSING OR INVALID
 DMKNLD021E RADDR MISSING OR INVALID
 DMKNET021E RADDR MISSING OR INVALID
 DMKNES021E RADDR MISSING OR INVALID
 DMKMCD021E RADDR MISSING OR INVALID
 DMKMCC021E RADDR MISSING OR INVALID
 DMKDEI021E RADDR MISSING OR INVALID
 DMKCSO021E RADDR MISSING OR INVALID
 DMKCSB021E RADDR MISSING OR INVALID
 DMKCQQ021E RADDR MISSING OR INVALID
 DMKCPV021E RADDR MISSING OR INVALID
 DMKCPU021E RADDR MISSING OR INVALID
 DMKCP021E RADDR MISSING OR INVALID
 DMKCFU021E RADDR MISSING OR INVALID
 DMKCFD021E RADDR MISSING OR INVALID
 DMKVDE021E RADDR MISSING OR INVALID raddr
 DMKVDD021E RADDR MISSING OR INVALID raddr
 DMKDEI276E raddr NOT 3330V
 DMKRSE505A RDR addr OVERRUN CK CMD=cm SNS=sense CSW=csw USERID=userid
 DMKCST424E RDR FILE SPOOL ERROR; FILE UNCHANGED
 DMKRST434A RDR raddr FATAL I/O ERROR; FILE PURGED
 DMKRST431A RDR raddr ID CARD MISSING OR INVALID
 DMKRST432A RDR raddr ID CARD; 'userid' NOT IN CP DIRECTORY
 DMKRSP432A RDR raddr ID CARD; 'userid' NOT IN CP DIRECTORY
 DMKRST433A RDR raddr ID CARD; INVALID DATA - 'data'
 DMKDDR714E RECORD {bbcch|nnnnnn} NOT FOUND ON TAPE
 DMKDDR721E RECORD {cchhr|nnnnnn} NOT FOUND
 DMKDDR721E RECORD cchhr NOT FOUND
 DMKNMT257E RESIDUAL BYTE COUNT = nnnnnnnn (HEX)

DMKCFH300E SAVE REQUEST BEYOND VIRTUAL MACHINE SIZE
 DMKCPI963W SECOND PROCESSOR NOT ONLINE
 DMKUSO197E SECONDARY USER IS NOT AVAILABLE
 DMKLOH196E SECONDARY USER NOT IN CP DIRECTORY

DMKSND068E SEND COMMAND FAILED - RECEIVER {IS NOT DISCONNECTED|HAS NOT AUTHORIZED
 SENDER|HAS NO VIRTUAL CONSOLE|CONSOLE INPUT
 WAITING|IS EXECUTING A CONSOLE FUNCTION}
 DMKCFV063E SHADOW TABLE BYPASS; NOT SET
 DMKVAT064E SHADOW TABLE BYPASS; RESET

DMKVMA161E SHARED PAGE hexloc ALTERED BY userid
 DMKCD161E SHARED PAGE hexloc ALTERED by userid
 DMKATS181E SHARED SYSTEM name REPLACED WITH NON-SHARED COPY
 DMKVRR808I SINGLE PROCESSOR MODE ACTIVE
 DMKSPM808I SINGLE PROCESSOR MODE ACTIVE
 DMKSPM804E SINGLE PROCESSOR MODE ON REJECTED
 DMKDEF259E SIZE PARAMETER MISSING OR INVALID
 DMKMCH613I SOFT MACHINE CHECK RECORDING DISABLED cpuid
 DMKMCH629I SOFT MACHINE CHECK REPORTING NOW ENABLED
 DMKNMT248E SPECIFIED IMAGE imag NON-EXISTENT
 DMKVCH188E SPECIFIED PROCESSOR UNAVAILABLE
 DMKLOG188E SPECIFIED PROCESSOR UNAVAILABLE
 DMKCFY188E SPECIFIED PROCESSOR UNAVAILABLE
 DMKCF0188E SPECIFIED PROCESSOR UNAVAILABLE
 DMKVDG342W SPOOL FILE EXISTS IN PAGE AREA FOR CP OWNED VOLUME valid
 DMKCKT438I SPOOL FILE ID LIMIT EXCEEDED
 DMKCSV027E SPOOLID MISSING OR INVALID
 DMKCS027E SPOOLID MISSING OR INVALID
 DMKQ027E SPOOLID MISSING OR INVALID
 DMKTRR042E SPOOLID nnnn DOES NOT EXIST [OR IS HELD]
 DMKCSV042E SPOOLID nnnn DOES NOT EXIST
 DMKCS042E SPOOLID nnnn DOES NOT EXIST
 DMKQ042E SPOOLID nnnn DOES NOT EXIST
 DMKIOH559W SRF vaddr NOT ACCESSIBLE; FRAMES NOT ON ERROR CYLINDERS
 DMKMCD223E START TIME MUST PRECEDE STOP TIME
 DMKDIR752E STATEMENT SEQUENCE ERROR FOLLOWING USER user
 DMKCPI957I STOR sssssK, NUC nnnK, DYN ddddK, TRA tttK, FREE ffffK, V=R vvvvvK
 DMKCPI927W STORAGE ALLOCATION HAS BEEN ALTERED. FREE
 OR TRACE WAS TOO LARGE.
 DMKDAS325E STORAGE DIRECTOR COMMUNICATION FAILURE - FAULT CODE=code - raddr
 DMKDEG094E STORAGE EXCEEDS ALLOWED MAXIMUM
 DMKDEF094E STORAGE EXCEEDS ALLOWED MAXIMUM
 DMKDEG025E STORAGE MISSING OR INVALID
 DMKDEF025E STORAGE MISSING OR INVALID
 DMKCD163E STORE EXCEEDS MAXIMUM REGISTER
 DMKDAS324E SUBSYSTEM MUST BE INITIALIZED - FAULT CODE - raddr
 DMKDAS320E SUBSYSTEM PROCESSING ERROR - FAULT CODE - raddr
 DMKDAS322E SUBSYSTEM STORAGE AVAILABILITY THRESHOLD CROSSED - raddr
 DMKDAS321E SUBSYSTEM STORAGE EQUIPMENT CHECK - FAULT CODE=code - raddr
 DMKDAS323E SUBSYSTEM STORAGE IS UNUSABLE - FAULT CODE=code - raddr
 DMKMCC210E SWAPAGE CLASS IS DEPENDENT ON SWAP
 DMKVDG343W SWSIZE TOO LARGE FOR CP OWNED VOLUME valid
 DMKMCC216E SYSPROF CLASS IS DEPENDENT ON SCHEDULE AND DASTAP
 DMKSAV353W SYSRES DEVICE TYPE INVALID
 DMKWRN400I SYSTEM {TEMP SPACE|CHECKPOINT AREA} FULL
 DMKPGT400I SYSTEM {TEMP SPACE|CHECKPOINT AREA} FULL
 DMKCKS400I SYSTEM {TEMP SPACE|CHECKPOINT AREA} FULL
 DMKPGT401I SYSTEM {TEMP SPACE|CHECKPOINT AREA} 90 PERCENT FULL
 DMKCKV401I SYSTEM {TEMP SPACE|CHECKPOINT AREA} 90 PERCENT FULL
 DMKCKT401I SYSTEM {TEMP SPACE|CHECKPOINT AREA} 90 PERCENT FULL
 DMKDRD925I SYSTEM AUTO DUMP REALLOCATED TO DASD raddr
 DMKCFU925I SYSTEM AUTO DUMP REALLOCATED TO DASD raddr
 DMKDMP909W SYSTEM DUMP DEVICE NOT-READY
 DMKDMP907W SYSTEM DUMP FAILURE; FATAL I/O ERROR
 DMKDMP906W SYSTEM DUMP FAILURE; MACHINE CHECK
 DMKDMP905W SYSTEM DUMP FAILURE; PROGRAM CHECK
 DMKDMP918I SYSTEM DUMP FAILURE; STATUS NOT STORED FOR NON-ABENDING PROCESSOR
 DMKDMP908I SYSTEM FAILURE; CODE - code; PROCESSOR nn
 DMKCPI971I SYSTEM IS [UP|AP|MP] GENERATED
 DMKCFH172E SYSTEM name DASD vaddr INCOMPATIBLE SYSRES
 DMKCFG172E SYSTEM name DASD vaddr INCOMPATIBLE SYSRES
 DMKSNC044E SYSTEM name DOES NOT EXIST
 DMKNLD044E SYSTEM name DOES NOT EXIST

DMKCFS044E SYSTEM name DOES NOT EXIST
 DMKCFH044E SYSTEM name DOES NOT EXIST
 DMKCFG044E SYSTEM name DOES NOT EXIST
 DMKSNC178E SYSTEM name EXCEEDS AVAILABLE DASD SPACE
 DMKNLD170E SYSTEM name EXCEEDS STORAGE
 DMKCFS170E SYSTEM name EXCEEDS STORAGE
 DMKCFH170E SYSTEM name EXCEEDS STORAGE
 DMKCFG170E SYSTEM name EXCEEDS STORAGE
 DMKCFH173E SYSTEM name REQUIRES DASD vaddr
 DMKCFG173E SYSTEM name REQUIRES DASD vaddr
 DMKSNC179E SYSTEM name VOLID valid NOT CP OWNED
 DMKCFS179E SYSTEM name VOLID valid NOT CP OWNED
 DMKCFP179E SYSTEM name VOLID valid NOT CP OWNED
 DMKCFH179E SYSTEM name VOLID valid NOT CP OWNED
 DMKCFG179E SYSTEM name VOLID valid NOT CP OWNED
 DMKSNC171E SYSTEM name VOLID valid NOT MOUNTED
 DMKNLD171E SYSTEM name VOLID valid NOT MOUNTED
 DMKCFH171E SYSTEM name VOLID valid NOT MOUNTED
 DMKCFH171E SYSTEM name VOLID valid NOT MOUNTED
 DMKCFG171E SYSTEM name VOLID valid NOT MOUNTED
 DMKCLK437E SYSTEM PAGING SPACE NOT AVAILABLE, IPL TERMINATED
 DMKCKP902W SYSTEM RECOVERY FAILURE; FATAL I/O ERROR-{NUCL AREA|WARM AREA}
 DMKCKP922W SYSTEM RECOVERY FAILURE; INVALID SPOOLING DATA
 DMKWARM904W SYSTEM RECOVERY FAILURE; INVALID WARM START DATA
 DMKCKP901W SYSTEM RECOVERY FAILURE; MACHINE CHECK
 DMKCKP900W SYSTEM RECOVERY FAILURE; PROGRAM CHECK
 DMKWARM921W SYSTEM RECOVERY FAILURE; UNRECOVERABLE I/O ERROR
 DMKCKT903W SYSTEM RECOVERY FAILURE; VOLID 'valid' ALLOCATION ERROR
 {CYLINDER='cylinder'|PAGE='page'}
 DMKWARM912W SYSTEM RECOVERY FAILURE; VOLID 'valid' NOT MOUNTED
 DMKCKV912W SYSTEM RECOVERY FAILURE; VOLID 'valid' NOT MOUNTED
 DMKCKT912W SYSTEM RECOVERY FAILURE; VOLID 'valid' NOT MOUNTED
 DMKCKP910W SYSTEM RECOVERY FAILURE: INVALID WARM START AREA
 DMKCKP911W SYSTEM RECOVERY FAILURE: WARM START AREA FULL
 DMKCPI961W SYSTEM SHUTDOWN COMPLETE
 DMKCKP961W SYSTEM SHUTDOWN COMPLETE
 DMKCKP960I SYSTEM WARM START DATA SAVED

 DMKCST016E TAG INVALID FOR SPECIFIED FILE TYPE
 DMKTAQ516I TAPE 'addr' 'devname' BAD SENSE CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKTAP539I TAPE 'addr' 'devname' BOT FAIL CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKTAQ539I TAPE 'addr' 'devname' BOT FAIL CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKTAQ520I TAPE 'addr' 'devname' CHAN ERROR CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKTAP511I TAPE 'addr' 'devname' COMPAT CK CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKTAP523I TAPE 'addr' 'devname' CONTROL CK CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKTAP510I TAPE 'addr' 'devname' CONVERT CK CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKTAQ510I TAPE 'addr' 'devname' CONVERT CK CMD='cm' SNA='sense' CSW='csw'
 USERID='userid'
 DMKTAQ504I TAPE 'addr' 'devname' DATA CK CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKTAP526I TAPE 'addr' 'devname' DSE FAILED CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKTAP522I TAPE 'addr' 'devname' ERASE CK CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'

DMKTAQ513I TAPE 'addr' 'devname' FILE PROT CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKTAP512I TAPE 'addr' 'devname' LOAD POINT CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKTAQ517I TAPE 'addr' 'devname' NOT/KNOWN CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKTAP519I TAPE Taddr devname PE BURST CMD=cm SNS=sense CSW=csw
 USERID='userid'
 DMKTAQ519I TAPE Taddr devname PE BURST CMD=cm SNS=sense CSW=csw
 USERID='userid'
 DMKTAQ518I TAPE 'addr' 'devname' RECV ERROR CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKSPS014E TAPE raddr DUMP TAPE CAPACITY EXCEEDED
 DMKSPS037E TAPE raddr INVALID FOR SPTAPE COMMAND
 DMKRND851I TEN DUMP FILES ALREADY EXIST
 DMKGRF457E TERMINAL SCRNSAVE UNSUCCESSFUL
 DMKPEI047E THE CURRENT TRACESET DOES NOT EXIST
 DMKPEL047E THE CURRENT TRACESET DOES NOT EXIST
 DMKPEN047E THE CURRENT TRACESET DOES NOT EXIST
 DMKPEQ047E THE TRACESET traceset DOES NOT EXIST
 DMKPEN047E THE TRACESET traceset DOES NOT EXIST
 DMKMCD222E TIME PARAMETER SPECIFIES INVALID TIME
 DMKCFY187E TIMER ASSIST NOT AVAILABLE
 DMKCLK970W TOD CLOCK SYNC CHECK RECEIVED
 DMKTRA180W TRACE NOT IN EFFECT
 DMKCPI914I TRACE TABLE IS SMALLER THAN REQUESTED
 DMKDAS326E TRACK FORMAT NOT SUPPORTED FOR PAGING DEVICE raddr - cuu
 DMKTAP516I type 'addr' 'devname' BAD SENSE CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKDAD516I type 'addr' 'devname' BAD SENSE CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKBSC516I type 'addr' 'devname' BAD SENSE CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKTAP520I type 'addr' 'devname' CHAN ERROR CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKRSE520I type 'addr' 'devname' CHAN ERROR CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKDAS520I type 'addr' 'devname' CHAN ERROR CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKDAD520I type 'addr' 'devname' CHAN ERROR CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKBSC520I type 'addr' 'devname' CHAN ERROR CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKTAP503I type 'addr' 'devname' EQUIP CK CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKRSE503I type 'addr' 'devname' EQUIP CK CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKGRF503I type 'addr' 'devname' EQUIP CK CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKDAS503I type 'addr' 'devname' EQUIP CK CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKDAD503I type 'addr' 'devname' EQUIP CK CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKCNS503I type 'addr' 'devname' EQUIP CK CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKBSC503I type 'addr' 'devname' EQUIP CK CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKTAP521I type 'addr' 'devname' NO DEVICE CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 DMKRSE521I type 'addr' 'devname' NO DEVICE CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'

```

DMKGRF521I type 'addr' 'devname' NO DEVICE CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKFMT734E TYPE OR {CYL|PAG} INVALID
DMKNEA120E type raddr NOT ATTACHED; userid vaddr ALREADY DEFINED
DMKNEA121E type raddr NOT ATTACHED TO userid
DMKNEA122E type raddr ALREADY ATTACHED TO userid
DMKVDD140E type raddr ATTACHED TO userid
DMKVDA140E type raddr ATTACHED TO userid
DMKSPT140E type raddr ATTACHED TO userid
DMKNLE140E type raddr ATTACHED TO userid
DMKNLD140E type raddr ATTACHED TO userid
DMKNET140E type raddr ATTACHED TO userid
DMKNES140E type raddr ATTACHED TO userid
DMKNEA140E type raddr ATTACHED TO userid
DMKMCC140E type raddr ATTACHED TO userid
DMKCSO140E type raddr ATTACHED TO userid
DMKCSB140E type raddr ATTACHED TO userid
DMKCPV140E type raddr ATTACHED TO userid
DMKCPT140E type raddr ATTACHED TO userid
DMKCP0140E type raddr ATTACHED TO userid
DMKCFU140E type raddr ATTACHED TO userid
DMKCSB148E type raddr BUFFER LOAD name FAILED
DMKBSC516I type raddr devname BAD SENSE CMD=cm SNS=sense CSW=csw
USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
DMKDAD516I type raddr devname BAD SENSE CMD=cm SNS=sense CSW=csw
USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
DMKTAP516I type raddr devname BAD SENSE CMD=cm SNS=sense CSW=csw
USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
DMKBSC502I type raddr devname BUSOUT CK CMD=cm SNS=sense CSW=csw
USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
DMKCNS502I type raddr devname BUSOUT CK CMD=cm SNS=sense CSW=csw
USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
DMKDAD502I type raddr devname BUSOUT CK CMD=cm SNS=sense CSW=csw
USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
DMKDAS502I type raddr devname BUSOUT CK CMD=cm SNS=sense CSW=csw
USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
DMKGRF502I type raddr devname BUSOUT CK CMD=cm SNS=sense CSW=csw
USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
DMKRSE502I type raddr devname BUSOUT CK CMD=cm SNS=sense CSW=csw
USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
DMKTAP502I type raddr devname BUSOUT CK CMD=cm SNS=sense CSW=csw
USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
DMKBSC500I type raddr devname CMD REJECT CMD=cm SNS=sense CSW=csw
USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
DMKCNS500I type raddr devname CMD REJECT CMD=cm SNS=sense CSW=csw
USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
DMKBSC500I type raddr devname CMD REJECT CMD=cm SNS=sense CSW=csw
USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
DMKDAS500I type raddr devname CMD REJECT CMD=cm SNS=sense CSW=csw
USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
DMKGRF500I type raddr devname CMD REJECT CMD=cm SNS=sense CSW=csw
USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
DMKRSE500I type raddr devname CMD REJECT CMD=cm SNS=sense CSW=csw
USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
DMKTAP500I type raddr devname CMD REJECT CMD=cm SNS=sense CSW=csw
USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
DMKRSE504A type raddr devname DATA CK CMD=cm SNS=sense CSW=csw
USERID=userid
DMKBSC504I type raddr devname CMD REJECT CMD=cm SNS=sense CSW=csw
USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
DMKCNS504I type raddr devname CMD REJECT CMD=cm SNS=sense CSW=csw
USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn

```

DMKDAD504I type raddr devname CMD REJECT CMD=cm SNS=sense CSW=csw
 USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
 DMKDAS504I type raddr devname CMD REJECT CMD=cm SNS=sense CSW=csw
 USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
 DMKGRF504I type raddr devname CMD REJECT CMD=cm SNS=sense CSW=csw
 USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
 DMKRSE504I type raddr devname CMD REJECT CMD=cm SNS=sense CSW=csw
 USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
 DMKRSE503A type raddr devname EQUIP CK CMD=cm SNS=sense CSW=csw
 USERID=userid
 DMKBSC503I type raddr devname EQUIP CK CMD=cm SNS=sense CSW=csw
 USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
 DMKCNS503I type raddr devname EQUIP CK CMD=cm SNS=sense CSW=csw
 USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
 DMKDAD503I type raddr devname EQUIP CK CMD=cm SNS=sense CSW=csw
 USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
 DMKDAS503I type raddr devname EQUIP CK CMD=cm SNS=sense CSW=csw
 USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
 DMKGRF503I type raddr devname EQUIP CK CMD=cm SNS=sense CSW=csw
 USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
 DMKRSE503I type raddr devname EQUIP CK CMD=cm SNS=sense CSW=csw
 USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
 DMKTAP503I type raddr devname EQUIP CK CMD=cm SNS=sense CSW=csw
 USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
 DMKDAD513I type raddr devname FILE PROT CMD=cm SNS=sense CSW=csw
 USERID=userid BBCCHH=bbcchh BLOCK=nnnnnn
 DMKGRF525I type raddr devname FORMAT CMD=cm SNS=sense CSW=csw
 USERID=userid
 DMKRSE525I type raddr devname FORMAT CMD=cm SNS=sense CSW=csw
 USERID=userid
 DMKBSC501A type raddr devname INT REQ CMD=cm SNS=sense CSW=csw
 USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
 DMKCNS501A type raddr devname INT REQ CMD=cm SNS=sense CSW=csw
 USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
 DMKDAD501A type raddr devname INT REQ CMD=cm SNS=sense CSW=csw
 USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
 DMKDAS501A type raddr devname INT REQ CMD=cm SNS=sense CSW=csw
 USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
 DMKRSE501A type raddr devname INT REQ CMD=cm SNS=sense CSW=csw
 USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
 DMKTAP501A type raddr devname INT REQ CMD=cm SNS=sense CSW=csw
 USERID=userid BBCCHH=bbcchh | BLOCK=nnnnnn
 DMKCNS501I type raddr devname INT REQ CMD=cm SNS=sense CSW=csw
 USERID=userid
 DMKRSE501I type raddr devname INT REQ CMD=cm SNS=sense CSW=csw
 USERID=userid
 DMKRSE524I type raddr devname LOAD CMD=cm SNS=sense CSW=csw
 USERID=userid
 DMKBSC527I type raddr devname LOST DATA CMD=cm SNS=sense CSW=csw
 USERID=userid
 DMKCNS527I type raddr devname LOST DATA CMD=cm SNS=sense CSW=csw
 USERID=userid
 DMKBSC517I type raddr devname NOT/KNOWN CMD=cm SNS=sense CSW=csw
 USERID=userid
 DMKDAD517I type raddr devname NOT/KNOWN CMD=cm SNS=sense CSW=csw
 USERID=userid
 DMKTAD517I type raddr devname NOT/KNOWN CMD=cm SNS=sense CSW=csw
 USERID=userid
 DMKBSC505I type raddr devname OVERRUN CK CMD=cm SNS=sense CSW=csw
 USERID=userid BBCCHH=bbcchh|BLOCK=nnnnnn
 DMKCNS505I type raddr devname OVERRUN CK CMD=cm SNS=sense CSW=csw
 USERID=userid BBCCHH=bbcchh|BLOCK=nnnnnn

```

DMKDAD505I type raddr devname OVERRUN CK CMD=cm SNS=sense CSW=csw
USERID=userid BCCCHH=bbcchh|BLOCK=nnnnnn
DMKDAS505I type raddr devname OVERRUN CK CMD=cm SNS=sense CSW=csw
USERID=userid BCCCHH=bbcchh|BLOCK=nnnnnn
DMKTAP505I type raddr devname OVERRUN CK CMD=cm SNS=sense CSW=csw
USERID=userid BCCCHH=bbcchh|BLOCK=nnnnnn
DMKGRF529I type raddr devname PARITY CMD=cm SNS=sense CSW=csw
USERID=userid
DMKRSE529I type raddr devname PARITY CMD=cm SNS=sense CSW=csw
USERID=userid
DMKDAD508I type raddr devname PERM ERROR CMD=cm SNS=sense CSW=csw
USERID=userid BCCCHH=bbcchh
DMKRSE508I type raddr devname PERM ERROR CMD=cm SNS=sense CSW=csw
USERID=userid BCCCHH=bbcchh
DMKDAD538I type raddr devname PROG ERROR CMD=cm SNS=sense CSW=csw
USERID=userid
DMKTAP518I type raddr devname RECV ERROR CMD=cm SNS=sense CSW=csw
USERID=userid BCCCHH=bbcchh
DMKBSC528I type raddr devname TIMEOUT CMD=cm SNS=sense CSW=csw
USERID=userid
DMKCNS517I type raddr devname TIMEOUT CMD=cm SNS=sense CSW=csw
USERID=userid
DMKCP0049E type raddr IN USE
DMKVDE143E type raddr IN USE BY SYSTEM
DMKVDD143E type raddr IN USE BY SYSTEM
DMKSPT143E type raddr IN USE BY SYSTEM
DMKNLE143E type raddr IN USE BY SYSTEM
DMKNLD143E type raddr IN USE BY SYSTEM
DMKMCC143E type raddr IN USE BY SYSTEM
DMKDEI143E type raddr IN USE BY SYSTEM
DMKCPT143E type raddr IN USE BY SYSTEM
DMKCPO143E type raddr IN USE BY SYSTEM
DMKCFU143E type raddr IN USE BY SYSTEM
DMKCSO141E type raddr NOT ACTIVE
DMKVDE142E type raddr NOT DRAINED
DMKVDD142E type raddr NOT DRAINED
DMKCSB142E type raddr NOT DRAINED
DMKCPT142E type raddr NOT DRAINED
DMKCPO142E type raddr NOT DRAINED
DMKVDE134E TYPE raddr NOT ATTACHED; CHAN x DEDICATED
DMKVDD135E TYPE vaddr NOT DETACHED; CHAN x DEDICATED
DMKCPS144W type vaddr RESET BY userid

DMKCSB158I UCS IMAGE NAME MISMATCH. IMAGE NAME LOADED IS xxxx
DMKCPI953I UNABLE TO ALLOCATE SYSTEM AUTO DUMP
DMKCFU953I UNABLE TO ALLOCATE SYSTEM AUTO DUMP
DMKRND850I UNABLE TO READ DUMP FROM READER
DMKIOG558I UNRECOVERABLE I/O ERROR; ERROR RECORDING DISABLED
DMKCPI229I USER OF MONITOR DOES NOT EXIST
DMKCPJ229I USER OF MONITOR DOES NOT EXIST
DMKQCN150A USER userid HAS ISSUED A {CP|VM} READ
DMKVMD020E USERID MISSING OR INVALID
DMKVDE020E USERID MISSING OR INVALID
DMKVDD020E USERID MISSING OR INVALID
DMKUSO020E USERID MISSING OR INVALID
DMKSND020E USERID MISSING OR INVALID
DMKQVM020E USERID MISSING OR INVALID
DMKNEA020E USERID MISSING OR INVALID
DMKMSG020E USERID MISSING OR INVALID
DMKLOG020E USERID MISSING OR INVALID
DMKLNK020E USERID MISSING OR INVALID
DMKDIB020E USERID MISSING OR INVALID
DMKDIA020E USERID MISSING OR INVALID
DMKCSU020E USERID MISSING OR INVALID

```


DMKCSP020E USERID MISSING OR INVALID
 DMKCQY020E USERID MISSING OR INVALID
 DMKCQR020E USERID MISSING OR INVALID
 DMKCQP020E USERID MISSING OR INVALID
 DMKCQG020E USERID MISSING OR INVALID
 DMKCPV020E USERID MISSING OR INVALID
 DMKCF0020E USERID MISSING OR INVALID
 DMKVMD053E userid NOT IN CP DIRECTORY
 DMKLOG053E userid NOT IN CP DIRECTORY
 DMKLNK053E userid NOT IN CP DIRECTORY
 DMKCSU053E userid NOT IN CP DIRECTORY
 DMKCS053E userid NOT IN CP DIRECTORY
 DMKCFY053E userid NOT IN CP DIRECTORY
 DMKVDE045E userid NOT LOGGED ON
 DMKVDD045E userid NOT LOGGED ON
 DMKUSO045E userid NOT LOGGED ON
 DMKTHI045E userid NOT LOGGED ON
 DMKTRP045E userid NOT LOGGED ON
 DMKSND045E userid NOT LOGGED ON
 DMKMSG045E userid NOT LOGGED ON
 DMKDIB045E userid NOT LOGGED ON
 DMKDIA045E userid NOT LOGGED ON
 DMKCQY045E userid NOT LOGGED ON
 DMKCQR045E userid NOT LOGGED ON
 DMKCQQ045E userid NOT LOGGED ON
 DMKCQG045E userid NOT LOGGED ON
 DMKCPV045E userid NOT LOGGED ON
 DMKCFY045E userid NOT LOGGED ON
 DMKCFU045E userid NOT LOGGED ON

 DMKMSG057W userid NOT RECEIVING; {DISCONNECTED|MSG OFF|MSG TOO LONG|NOT DISC|
 SMSG OFF|NOT AUTHORIZED|WNG OFF|VMCF/IUCV ERROR nnn}
 DMKLNK117E USERID userid NOT LINKED; VOLID volid CONFLICT
 DMKDIB047E userid vaddr DOES NOT EXIST
 DMKDIA047E userid vaddr DOES NOT EXIST
 DMKLNK118E userid vaddr NOT LINKED; COMMAND FORMAT NOT VALID
 DMKLNK119E USERID vaddr NOT LINKED; INSUFFICIENT FREE STORAGE
 DMKLNK109E userid vaddr NOT LINKED; INVALID LINK DEVICE
 DMKLNK113E userid vaddr NOT LINKED; NO MULT PASSWORD
 DMKLNK111E userid vaddr NOT LINKED; NO READ PASSWORD
 DMKLNK112E userid vaddr NOT LINKED; NO WRITE PASSWORD
 DMKLNK107E userid vaddr NOT LINKED; NOT IN CP DIRECTORY
 DMKLNK114E userid vaddr NOT LINKED; MODE OR PASSWORD INCORRECT
 DMKLNK104E userid vaddr NOT LINKED; R/O BY {nnn USERS|userid}
 DMKLNK105E userid vaddr NOT LINKED; R/W BY {nnn USERS|userid}
 DMKLNK106E userid vaddr NOT LINKED; R/W BY nnn USERS; R/O BY {nnn USERS|userid}
 DMKLNK110E userid vaddr NOT LINKED; type vaddr ALREADY DEFINED
 DMKLNK108E userid vaddr NOT LINKED; VOLID volid NOT MOUNTED
 DMKLNK116E USERID xxx NOT LINKED; CP DIRECTORY IN USE
 DMKJRL145I USERID:userid AT term-raddr WITH INVALID {LINK|LOGON}
 PASSWORD NO.xxx HAS VIOLATED THE LIMIT of yyy [,A=userid]

 DMKCPV203E V=R AREA REQUIRES IPL BY DEVICE ADDRESS
 DMKCFG203E V=R AREA REQUIRES IPL BY DEVICE ADDRESS
 DMKVMIO22E VADDR MISSING OR INVALID
 DMKLNK022E VADDR MISSING OR INVALID
 DMKDIB022E VADDR MISSING OR INVALID
 DMKDIA022E VADDR MISSING OR INVALID
 DMKDEF022E VADDR MISSING OR INVALID
 DMKCS022E VADDR MISSING OR INVALID
 DMKCSQ022E VADDR MISSING OR INVALID
 DMKCSB022E VADDR MISSING OR INVALID
 DMKCQQ022E VADDR MISSING OR INVALID

DMKCQG022E VADDR MISSING OR INVALID
 DMKCPB022E VADDR MISSING OR INVALID
 DMKCFG022E VADDR MISSING OR INVALID
 DMKCFD022E VADDR MISSING OR INVALID
 DMKVDE022E VADDR MISSING OR INVALID vaddr
 DMKVDD022E VADDR MISSING OR INVALID vaddr
 DMKCPU192E VARY PROCESSOR COMMAND FAILED
 DMKCPV176E VIRT=REAL AREA IN USE BY userid
 DMKBLD201E VIRT=REAL AREA NOT AVAILABLE; DAMAGED PAGES
 DMKBLD200E VIRT=REAL AREA NOT AVAILABLE; IN USE BY {userid|SYSTEM}
 DMKCPV202E VIRT=REAL AREA NOT AVAILABLE; INSUFFICIENT STORAGE
 DMKBLD202E VIRT=REAL AREA NOT AVAILABLE; INSUFFICIENT STORAGE
 DMKPET061E VIRTUAL PRINTER ERROR
 DMKCFS183E VM ASSIST NOT ACTIVE
 DMKCFY183E VM ASSIST NOT ACTIVE
 DMKCFS184E VM ASSIST NOT AVAILABLE
 DMKCFY184E VM ASSIST NOT AVAILABLE
 DMKCF0184E VM ASSIST NOT AVAILABLE [ON PROCESSOR proc xx]
 DMKVMD146I VMDUMP FAILED, SPOOLING ERROR
 DMKLOG081W VMSAVE AREA CONTAINS A SAVED SYSTEM, MUST USE SET COMMAND
 DMKCF081W VMSAVE AREA CONTAINS A SAVED SYSTEM, MUST USE SET COMMAND
 DMKCFG083E VMSAVE AREA DOES NOT CONTAIN A VALID SAVED SYSTEM
 DMKVDE023E VOLID MISSING OR INVALID
 DMKCQQ023E VOLID MISSING OR INVALID
 DMKQCP023E VOLID MISSING OR INVALID
 DMKFMT733E VOLID READ IS volid1 NOT volid2
 DMKDIR761E VOLID READ IS volid1 NOT volid2 (ON raddr)
 DMKDDR711R VOLID READ IS volid2 [NOT volid1] DO YOU WISH TO CONTINUE? RESPOND YES NO
 OR REREAD:

 DMKDDR709E WRONG INPUT TAPE MOUNTED

 DMKLOG269E XMEM FEATURE NOT ACTIVE
 DMKCFS269E XMEM FEATURE NOT ACTIVE
 DMKLOG268E XMEM FEATURE NOT AVAILABLE
 DMKCFS268E XMEM FEATURE NOT AVAILABLE
 DMKCF0268E XMEM FEATURE NOT AVAILABLE
 DMKLD0924I xxxx ADDITIONAL FAILING STORAGE FRAMES EXIST
 DMKCPV924I xxxx ADDITIONAL FAILING STORAGE FRAMES EXIST
 DMKCPI924I xxxx ADDITIONAL FAILING STORAGE FRAMES EXIST

 DMKCF0255W 370E FEATURE NOW DISABLED
 DMKLOG251E 370E IS NOT ACTIVE
 DMKCFS251E 370E IS NOT ACTIVE
 DMKLOG250E 370E IS NOT AVAILABLE (ON PROC xx)
 DMKCFS250E 370E IS NOT AVAILABLE (ON PROC xx)
 DMKCF0250E 370E IS NOT AVAILABLE (ON PROC xx)
 DMKNMT247I 3800 NAMED SYSTEM imag3800 CREATED

CMS Message Summary

DMSUPD184W './ S' NOT FIRST CARD IN UPDATE FILE -- IGNORED
DMSXUP184W './ S' NOT FIRST CARD IN UPDATE FILE -- IGNORED

DMSWFL651E 'APPEND' MUST BE ISSUED FROM RDRLIST OR FILELIST

DMSIFC825E 'CLEAR' IS VALID ONLY WHEN SPECIFIED BY ITSELF
DMSGAM954E 'MSGAM' SHARED SEGMENT ERROR. IDENTIFIER INVALID FOR SVC nn
DMSGAM953E 'MSGAM' SHARED SEGMENT ERROR. MODULE ADDRESS FOR SVC nn IS ZERO
DMSGAM955E 'MSGAM' SHARED SEGMENT PAGING I/O ERRORS WITH ccccc
DMSACC726I 'vaddr mode' RELEASED
DMSACC059E 'vaddr' ALREADY ACCESSED AS READ/WRITE 'mode' DISK
DMSFOR114S 'raddr' IS AN UNSUPPORTED DEVICE TYPE

DMSDLB322I 'ddname' NOT FOUND: NO CLEAR EXECUTED
DMSITS139T 'DMSKEY RESET' FROM addr UNDERFLOWS KEY STACK
DMSITS138T 'DMSKEY' CALL FROM addr OVERFLOWS KEY STACK, WITH MAX DEPTH 7

DMKWEX651E 'EXECUTE' MUST BE ISSUED FROM FILELIST OR RDRLIST
DMSMOD114E 'fn ft fm' NOT LOADED; CMS/DOS ENVIRONMENT [NOT] ACTIVE
DMSCPY156E 'FROM nnn' NOT FOUND - FILE 'fn ft fm' HAS ONLY 'nnn' RECORDS
DMSNAM156E 'FROM nnn' NOT FOUND - FILE 'fn ft fm' HAS ONLY 'nnn' RECORDS
DMSWPK156E 'FROM nnn' NOT FOUND - FILE 'fn ft fm' HAS ONLY 'nnn' RECORDS

DMSABN153W 'HX' DURING ABEND PROCESSING WAS IGNORED

DMSXCT578W 'macro' MACRO IS NOT CURRENTLY IN STORAGE
DMSPSH646E 'macroname' MUST BE INVOKED FROM THE PREFIX AREA
DMSPSW646E 'macroname' MUST BE INVOKED FROM THE PREFIX AREA
DMSPPX646E 'macroname' MUST BE INVOKED FROM THE PREFIX AREA
DMSBOP308E 'mode' DISK IN [NON-]CMS FORMAT; INVALID FOR [NON-]CMS DATASET
DMSDLB308E 'mode' DISK IN [NON-]CMS FORMAT; INVALID FOR [NON-]CMS DATASET

DMKNXD616W 'name' DOES NOT EXIST
DMSFOR732I 'nnn' {CYLINDERS|FB-512 BLOCKS} FORMATTED ON DISK 'mode(cuu)'

DMSAMS066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSASN066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSCPY066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSDLB066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSDSV066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSFLD066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSLBD066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSLST066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSQRY066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSSYN066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSUPD066E 'option' and 'option' ARE CONFLICTING OPTIONS
DMSUTL066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSXIN066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSAMS065E 'option' OPTION SPECIFIED TWICE
DMSASN065E 'option' OPTION SPECIFIED TWICE
DMSCPY065E 'option' OPTION SPECIFIED TWICE
DMSDLB065E 'option' OPTION SPECIFIED TWICE
DMSDSV065E 'option' OPTION SPECIFIED TWICE
DMSFLD065E 'option' OPTION SPECIFIED TWICE
DMSLBD065E 'option' OPTION SPECIFIED TWICE
DMSQRY065E 'option' OPTION SPECIFIED TWICE
DMSUPD065E 'option' OPTION SPECIFIED TWICE
DMSUTL065E 'option' OPTION SPECIFIED TWICE
DMSXIN065E 'option' OPTION SPECIFIED TWICE

DMSDSV026W 'phase' NOT IN LIBRARY
DMSXGT156E 'RECORD nn' NOT FOUND - FILE 'fn ft fm' HAS ONLY 'nn' RECORDS
DMSCPY101S 'SPECS' TEMP STRING STORAGE EXHAUSTED AT '.....'
DMSHEL529E 'subcommand' SUBCOMMAND IS ONLY VALID IN EDITING MODE
DMSXCG509E 'subcommand' SUBCOMMAND NOT VALID FROM A PREFIX MACRO
DMSVGN371R 'sysname' IS LOADED. ENTER CP MODE TO APPLY ZAPS, ELSE 'NULL'
DMSDLB301E 'SYSxxx' NOT ASSIGNED FOR DISK 'fm'
DMSTLB425R 'TAPn raddr' BLOCK COUNT ERROR FOR 'filename' ENTER 'IGNORE' OR 'CANCEL'
DMSCLS429I 'TAPn raddr' EOT ON OUTPUT
DMSSEB429I 'TAPn raddr' EOT ON OUTPUT
DMSTLB427I 'TAPn raddr' EOVI LABEL READ
DMSTLB428I 'TAPn raddr' EOVI LABEL WRITTEN
DMSTLB421E 'TAPn raddr' HDR1 LABEL MISSING FOR 'filename'
DMSTLB434E 'TAPn raddr' INPUT LABEL CHECK ERROR FOR FILE 'filename'
DMSTLB430E 'TAPn raddr' LABELDEF INFORMATION MISSING FOR FILE 'filename'
DMSTLB436I 'TAPn raddr' MISSING USER STANDARD LABEL FOR 'ddname'
DMSTLB424E 'TAPn raddr' NOT POSITIONED AT EOF1 LABEL
DMSTLB437I 'TAPn raddr' NSL ROUTINE RETURNED AN ERROR CODE 'nnnnnn' FOR 'filename'
DMSTLB423I 'TAPn raddr' POSITIONED PARAMETER IGNORED. OUTPUT FILE WILL BE WRITTEN
IMMEDIATELY AFTER NEW VOL1 LABEL
DMSTLB422E 'TAPn raddr' POSITIONED WRONG FOR 'filename'
DMSTLB426R 'TAPn raddr' UNEXPIRED FILE ENTER 'IGNORE' OR 'ERROR'
DMSTLB432E 'TAPn raddr' VOLID valid DOES NOT MATCH LABELDEF VOLID FOR 'filename'
DMSTLB431E 'TAPn raddr' VOL1 LABEL MISSING
DMSTPE431E 'TAPn raddr' VOL1 LABEL MISSING
DMSBOP043E 'TAPn raddr' IS FILE PROTECTED
DMSCLS043E 'TAPn raddr' IS FILE PROTECTED
DMSTLB043E 'TAPn raddr' IS FILE PROTECTED
DMSTPE043E 'TAPn raddr' IS FILE PROTECTED
DMSXCP043E 'TAPn raddr' IS FILE PROTECTED
DMKDDL688E 'XEDIT' OPTION ONLY VALID FROM XEDIT ENVIRONMENT
DMSLST688E 'XEDIT' OPTION ONLY VALID FROM XEDIT ENVIRONMENT
DMSNAM688E 'XEDIT' OPTION ONLY VALID FROM XEDIT ENVIRONMENT
DMSBTP108E /SET CARD FORMAT INVALID
DMSWVV797I "QUIT" MAY BE ENTERED IN RESPONSE TO ANY QUERY TO END PROCESSING
DMSLIO203W "SET LOCATION COUNTER" NAME 'name' UNDEFINED
DMSCLS140S {'function'|FEOVD|SEOV|FEOV}{MACRO|FUNCTION(S)} MACRO NOT SUPPORTED
DMSDAS140S {'function'|FEOVD|SEOV|FEOV}{MACRO|FUNCTION(S)} MACRO NOT SUPPORTED
DMSLDF140S {'function'|FEOVD|SEOV|FEOV}{MACRO|FUNCTION(S)} MACRO NOT SUPPORTED
DMSDOS004E {BOOK 'subl.book'|MODULE 'module'|PHASE 'phase'|PROCEDURE 'procedure'}
NOT FOUND
DMSFET004E {BOOK 'subl.book'|MODULE 'module'|PHASE 'phase'|PROCEDURE 'procedure'}
NOT FOUND
DMSLOS004E {BOOK 'subl.book'|MODULE 'module'|PHASE 'phase'|PROCEDURE 'procedure'}
NOT FOUND
DMSPRV004E {BOOK 'subl.book'|MODULE 'module'|PHASE 'phase'|PROCEDURE 'procedure'}
NOT FOUND
DMSRRV004E {BOOK 'subl.book'|MODULE 'module'|PHASE 'phase'|PROCEDURE 'procedure'}
NOT FOUND
DMSRRV004E {BOOK 'subl.book'|MODULE 'module'|PHASE 'phase'|PROCEDURE 'procedure'}
NOT FOUND
DMSWNT651E {'CANCEL'|'ADD'} MUST BE ISSUED FROM NOTE
DMSINS100W {CMSSEG SYSTEM NAME 'name'|SHARED {SSTAT|YSTAT}} NOT AVAILABLE
DMSSET100W {CMSSEG SYSTEM NAME 'name'|SHARED {SSTAT|YSTAT}} NOT AVAILABLE

DMSTPE115S {CONVERSION|{7|9}-TRACK|{800|6250} BPI|TRANSLATION|DUAL-DENSITY} FEATURE
NOT SUPPORTED ON DEVICE 'raddr'

DMSBTP109E {CPU|PRINTER|PUNCH} LIMIT EXCEEDED

DMSWSF679E {DISK 'mode' IS READ ONLY|DISK 'mode' IS FULL}. NOTE CANNOT BE SENT

DMSCMS715I {DOSGEN|CMSXGEN} COMPLETE

DMSGEN715I {DOSGEN|CMSXGEN} COMPLETE

DMSCMS111E {DOSGEN|CMSXGEN} FAILED DUE TO LOAD ERRORS

DMSGEN111E {DOSGEN|CMSXGEN} FAILED DUE TO LOAD ERRORS

DMSWNM664E {ENTRY|PREVIOUS ENTRY|NEXT ENTRY} NOT FOUND

DMSSBS120S {IN|OUT} PUT ERROR CODE ON 'ddname'

DMSSVT120S {IN|OUT}PUT ERROR 'code' ON 'ddname'

DMSSCT120S {IN/OUT}PUT ERROR 'code' ON 'ddname'

DMSFCH411S {INPUT|OUTPUT} ERROR CODE 'nn' ON 'SYSxxx'

DMSPRV411S {INPUT|OUTPUT} ERROR CODE 'nn' ON 'SYSxxx'

DMSRRV411S {INPUT|OUTPUT} ERROR CODE 'nn' ON 'SYSxxx'

DMSRRV411S {INPUT|OUTPUT} ERROR CODE 'nn' ON 'SYSxxx'

DMSXCP411S {INPUT|OUTPUT} ERROR CODE 'nn' ON 'SYSxxx'

DMSLST002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [fn [fm]]'] NOT FOUND

DMSACC002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSAMS002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSARN002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSARX002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSASM002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSCMP002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSCPY002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSDSK002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSDSL002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSERS002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSERV002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSGRN002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSIFC002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSIMA002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSLBM002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSLBT002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSLDS002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSLIO002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSLKD002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSMDP002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSMOD002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSMVE002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSNCP002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSPRE002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSPR002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSPUN002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSRNM002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSRUN002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSLNO002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSSPR002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSSTR002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSSTT002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSSYN002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSTPE002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSTYP002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSUPD002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSZAP002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

DMSUPD185W {INVALID|NON NUMERIC} CHARACTER IN SEQUENCE FIELD '.....'

DMSXUP185W {INVALID|NON NUMERIC} CHARACTER IN SEQUENCE FIELD '.....'

DMSDLK210E {LIBRARY|FILE} 'fn ft' IS ON A READ-ONLY DISK
DMSZAP210E {LIBRARY|FILE} 'fn ft' IS ON A READ/ONLY DISK
DMSFRE164T {LOW|HIGH}-CORE NUCLEUS STORAGE POINTERS DESTROYED (INTERNAL ERROR CODE nn)
DMSFRE163T {LOW|HIGH}-CORE USER CHAIN HAS BEEN DESTROYED (INTERNAL ERROR CODE nn)

DMSDLB323I {MASTER|JOB} CATALOG DLBL CLEARED
DMSDSL013W {MEMBER|PHASE} 'name' NOT FOUND IN LIBRARY 'libname'
DMSLBM013W {MEMBER|PHASE} 'name' NOT FOUND IN LIBRARY 'libname'
DMSACC113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED
DMSAMS113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED
DMSASN113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED
DMSBOP113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED
DMSCIO113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED
DMSCLS113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED
DMSDBG113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED
DMSFCH113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED
DMSFOR113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED
DMSPIO113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED
DMSPRV113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED
DMSRRV113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED
DMSSPR113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED
DMSSRV113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED
DMSTLB113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED
DMSTPE113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED
DMSVMF113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED
DMSVPD113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED
DMSXCP113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} addr
NOT ATTACHED

DMSFCH623S {MODULE|PHASE} CANNOT BE LOADED AT LOCATION 'location'
BECAUSE IT WOULD OVERLAY THE CMS NUCLEUS
DMSFET623S {MODULE|PHASE} CANNOT BE LOADED AT LOCATION 'location'
BECAUSE IT WOULD OVERLAY THE CMS NUCLEUS
DMSLIO623S {MODULE|PHASE} CANNOT BE LOADED AT LOCATION 'location'
BECAUSE IT WOULD OVERLAY THE CMS NUCLEUS

DMSXCG502I {NO|nn} LINE(S) RECOVERED

DMSBOP089E {OPEN|CLOSE} ERROR CODE 'nn' ON {fn|SYSxxx|TAPn}
DMSCLS089E {OPEN|CLOSE} ERROR CODE 'nn' ON {fn|SYSxxx|TAPn}
DMSLOS089E {OPEN|CLOSE} ERROR CODE 'nn' ON {fn|SYSxxx|TAPn}
DMSMVG089E {OPEN|CLOSE} ERROR CODE 'nn' ON {fn|SYSxxx|TAPn}
DMSOPL089E {OPEN|CLOSE} ERROR CODE 'nn' ON {fn|SYSxxx|TAPn}
DMSVLT089E {OPEN|CLOSE} ERROR CODE 'nn' ON {fn|SYSxxx|TAPn}
DMSBOP037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
DMSCPY037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.

DMSDSK037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
DMSDSL037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
DMSERS037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
DMSERV037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
DMSFOR037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
DMSLBM037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
DMSLST037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
DMSMOD037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
DMSMVE037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
DMSPRV037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
DMSRDC037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
DMSRNM037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
DMSRTO037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
DMSSTPE037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
DMSUPD037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
DMSXCP037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY.
DMSRSV037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY. {'A' MUST BE R/W FOR 'DISK LOAD'}
DMSWRC037E [OUTPUT] DISK 'mode [vaddr]' IS READ/ONLY. {'A' MUST BE R/W FOR 'DISK LOAD'}
DMSPOP690E {PROPCHK|HOSTCHK} NOT SPECIFIED IN RTABLE
DMSPOP690E {PROPCHK|HOSTCHK} NOT SPECIFIED IN RTABLE

DMSRDC702I [READ CONTROL CARD MISSING. FOLLOWING ASSUMED:] :READ {fn ft fm|READCARD
CMSUT1 A1}

DMSINT015E {UNKNOWN {CP/CMS|CMS|CP} |INVALID {CMS|SUBSET} COMMAND

DMSDIO76E ACTUAL RECORD LENGTH EXCEEDS THAT SPECIFIED
DMSWSF673E ADDRESSES ARE IN THE NOTE HEADER CARDS. DO NOT SPECIFY NAMES WITH THE NOTE
OPTION

DMSWPK644E ALL READER FILES ARE IN HOLD STATUS OR NOT CLASS 'class'
DMSWRC644E ALL READER FILES ARE IN HOLD STATUS OR NOT CLASS 'class'
DMSINI610R ALSO IPL {CYL|BLK} 0? {YES|NO}
DMSITE910T AN ERROR OCCURRED WHILE THE EXTERNAL INTERRUPT HANDLER WAS
TRYING TO SEVER IUCV PATH 'pathid' RE-IPL CMS
DMSICU911E AN IUCV SEVER ERROR OCCURRED ON PATH 'pathid', IPRCODE = 'iprcode',
SEVERING OF OTHER PATHS CONTINUES
DMSVMF383R APPLY 'fn'? ...ENTER 'NO' OR EOB:
DMSVPD383R APPLY 'fn'? ...ENTER 'NO' OR EOB:
DMSWVV792R ARE THE MACROS TO BE ERASED FROM DISK? REPLY (YES|NO).
PRESS "ENTER" FOR DEFAULT OF "YES"
DMSWVV788R ARE THE MACROS TO BE READ FROM TAPE OR ARE THEY ALREADY ON
DISK? REPLY (TAPE|DISK). IF A DEFAULT OF TAPE IS TO BE USED, PRESS "ENTER"
DMSWVV801I ARGUMENTS ENTERED ARE IGNORED
DMSIFC829W ATTEMPTED 'ZERO' WAS SUPPRESSED. REQUIRES PRIVILEGE CLASS F
DMSXMD510I AUTOSAVED AS 'fn ft fm'
DMSXSC510I AUTOSAVED AS 'fn ft fm'
DMSXSU510I AUTOSAVED AS 'fn ft fm'

DMSNAM621E BAD PLIST: NAMEFIND MUST BE INVOKED AS A NUCLEUS EXTENSION
DMSQRY621E BAD PLIST: QUERY MUST BE INVOKED AS A NUCLEUS EXTENSION
DMSEIO621E BAD PLIST: XXXXX
DMSZAP195W BASE VALUE INVALID - SET NO GO SWITCH
DMSBTB101E BATCH NOT LOADED
DMSMVE130S BLOCKSIZE ON V FORMAT FILE ddname IS LESS THAN 9
DMSRV194S BOOK 'subl.book' CONTAINS BAD RECORDS

DMSITS137T CALL TO routine FROM addr DESTROYED SYSTEM SAVE AREA. RE-IPL CMS
DMSPOP713E CANNOT CONNECT TO MESSAGE SYSTEM SERVICE, CMSIUCV ERROR, CODE=code
DMSPOP714E CANNOT CONNECT TO MESSAGE SYSTEM SERVICE, SERVICE ALREADY IN USE
DMSXSF695E CANNOT DEFINE MORE THAN 64 CTLCHARS
DMSFOR214W CANNOT RECOMPUTE WITHOUT LOSS OF DATA. NO CHANGE
DMSDLB307E CATALOG DDNAME 'ddname' NOT FOUND

DMSFRE165T CHAIN HEADER AT addr: xxxxxx xxxxxx xxxxxx xxxxxx
DMSSCH574E CHANGE NOT VALID {WITH CLOCATE|AFTER CURSOR MOVEMENT}
DMSVIP783E CLOSE ERROR ON ddname: POSSIBLE USER PROGRAMMING ERROR.
SEE VSE/VSAM DOCUMENTATION FOR CLOSE ERROR CODE code
DMSVIP784E CLOSE ERROR ON ddname: POSSIBLE SYSTEM ERROR.
SEE VSE/VSAM DOCUMENTATION FOR CLOSE ERROR CODE code
DMSINS098W CMS OS SIMULATION NOT AVAILABLE
DMSITS098S CMS OS SIMULATION NOT AVAILABLE
DMSSET098W CMS OS SIMULATION NOT AVAILABLE
DMSICP099E CMS/DOS ENVIRONMENT ACTIVE
DMSASN099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSDLK099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSDSV099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSERV099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSFET099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSLIO099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSLLU099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSOPT099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSPRV099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSQRY099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSRRV099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSSET099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSSRV099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSCMS141S CMSXGEN FAILED DUE TO SAVESYS ERRORS
DMSCMS412S CMSXGEN FAILED DUE TO SETKEY ERROR
DMSCMP009E COLUMN 'col' EXCEEDS RECORD LENGTH
DMSDSK009E COLUMN 'col' EXCEEDS RECORD LENGTH
DMSRRT009E COLUMN 'col' EXCEEDS RECORD LENGTH
DMSTYP009E COLUMN 'col' EXCEEDS RECORD LENGTH
DMSXMC009E COLUMN 'col' EXCEEDS RECORD LENGTH
DMSXMS009E COLUMN 'col' EXCEEDS RECORD LENGTH
DMSXSE009E COLUMN 'col' EXCEEDS RECORD LENGTH
DMSCMP211E COLUMN FIELDS OUT OF SEQUENCE
DMSCP067E COMBINED INPUT FILES ILLEGAL WITH PACK OR UNPACK OPTIONS
DMSCMP179I COMPARING 'fn ft fm' WITH 'fn ft fm'
DMSCMP011E CONFLICTING FILE FORMATS
DMSBOP410S CONTROL PROGRAM ERROR INDICATION 'retcode'
DMSSET410S CONTROL PROGRAM ERROR INDICATION 'retcode'
DMSSSK410S CONTROL PROGRAM ERROR INDICATION 'retcode'
DMSVIB410S CONTROL PROGRAM ERROR INDICATION 'retcode'
DMSCP721I COPY 'fn ft fm' [{TO|APPEND|OVLY} 'fn ft fm' {OLD|NEW} FILE]
DMSCMS110E CORRECT FORM IS: DOSGEN LOCATION (SEGNAME)
MSGEN110E CORRECT FORM IS: DOSGEN LOCATION (SEGNAME)
DMSVGN368I count MODULES HAVE BEEN RESTORED
DMSVPD368I count MODULES HAVE BEEN RESTORED
DMSBTP107E CP/CMS COMMAND 'command, (device)' NOT ALLOWED
DMSIFC828I CP/REP ZERO OR CLEAR HAS BEEN COMPLETED
DMSXIN571I CREATING NEW FILE
DMSXPT571I CREATING NEW FILE
DMSZAP194W CSECT NOT FOUND IN {MEMBER 'membername'|MODULE 'modulename'} -SET NO GO
SWITCH
DMSHEL561E CURSOR IS NOT ON A VALID DATA FIELD
DMSJOI561E CURSOR IS NOT ON A VALID DATA FIELD
DMSSCH561E CURSOR IS NOT ON A VALID DATA FIELD
DMSSPL561E CURSOR IS NOT ON A VALID DATA FIELD
DMSWEX561E CURSOR IS NOT ON A VALID DATA FIELD
DMSXSS561E CURSOR IS NOT ON A VALID DATA FIELD
DMSACC725I cuu ALSO = 'mode' [-OS|-DOS] DISK
DMSACC724I cuu REPLACES mode (ccu)
DMSXDS590E DATA SET TOO LARGE
DMSDSK550W DATE/TIME DATA NOT PRESENT FOR FILE fn ft
DMSDBG728I DEBUG ENTERED [EXTERNAL INT|BREAKPOINT nn AT xxxxxx]
DMSWDF642I DEFAULTS DOES NOT ACCEPT {'command' COMMAND|'option' OPTION FOR 'command'}

DMSPRTO08E DEVICE 'vaddr' {INVALID OR NONEXISTENT|UNSUPPORTED DEVICE TYPE}
DMSFUN008E DEVICE 'vaddr' {INVALID OR NONEXISTENT|UNSUPPORTED DEVICE TYPE}
DMSRDC008E DEVICE 'vaddr' {INVALID OR NONEXISTENT|UNSUPPORTED DEVICE TYPE}
DMSARX075E DEVICE 'devicename' INVALID FOR {INPUT|OUTPUT}
DMSASMO75E DEVICE 'devicename' INVALID FOR {INPUT|OUTPUT}
DMSMVE075E DEVICE 'devicename' INVALID FOR {INPUT|OUTPUT}
DMSICP075E DEVICE 'devtyp' INVALID FOR {INPUT|OUTPUT}
DMSWDC651E DISCARD MUST BE ISSUED FROM RDRLIST, PEEK OR FILELIST
DMSACC112S DISK 'mode addr' DEVICE ERROR
DMSBWR170S DISK 'mode vaddr' HAS MAXIMUM NUMBER OF FILES
DMSBWR107S DISK 'mode vaddr' IS FULL
DMSVGN361E DISK 'mode' IS NOT A {CMS|DOS} DISK
DMSXCT037E DISK 'mode' IS READ ONLY
DMSXPT037E DISK 'mode' IS READ ONLY
DMSXSE037E DISK 'mode' IS READ ONLY
DMSARE069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
DMSASN069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
DMSBOP069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
DMSCMP069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
DMSCP069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
DMSDLB069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
DMSDOS069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
DMSDSL069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
DMSEDI069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
DMSEDX069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
DMSERS069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
DMSFLD069I DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
DMSFOR069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
DMSLDS069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
DMSLST069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
DMSMVE069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
DMSPRTO69E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
DMSFUN069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
DMSRTO69E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
DMSSTT069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
DMSTYP069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
DMSUPD069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
DMSVGN069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
DMSWRC069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
DMSWSF069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
DMSXSU069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
DMSRNM069E DISK {'mode'|'vaddr'|'volid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSWRC037E DISK 'mode' IS READ ONLY
DMSXCT037E DISK 'mode' IS READ ONLY
DMSXPT037E DISK 'mode' IS READ ONLY
DMSXSE037E DISK 'mode' IS READ ONLY
DMSMVE708I DISK FILE 'FILE ddname A1' ASSUMED FOR DDNAME 'ddname'
DMSXCT531E DISK IS FULL. SET NEW FILEMODE OR CLEAR SOME DISK SPACE
DMSXCT532E DISK IS FULL; AUTOSAVE FAILED
DMSRSV260E DISK NOT PROPERLY FORMATTED FOR RESERVE
DMSFOR705I DISK REMAINS UNCHANGED
DMSBOP086W DLBL 'ddname' DUMMY INVALID FOR VSAM
DMSFCH777S DOS PARTITION TOO SMALL TO ACCOMMODATE FETCH REQUEST
DMSCMS715I DOSGEN COMPLETE
DMSGEN715I DOSGEN COMPLETE
DMSCMS111E DOSGEN FAILED DUE TO LOAD ERRORS
DMSGEN111E DOSGEN FAILED DUE TO LOAD ERRORS
DMSCMS141S DOSGEN FAILED DUE TO SAVESYS ERRORS
DMSGEN141S DOSGEN FAILED DUE TO SAVESYS ERRORS
DMSZAP249I DUMMY LOG ENTRY IN FILE 'fn ZAPLOG fm'
DMSPRE237E DUPLICATE EXTERNAL SYMBOL(S) ENCOUNTERED
DMSLIO202W DUPLICATE IDENTIFIER 'identifier'

DMSXCT537E EACH LOGICAL SCREEN MUST CONTAIN AT LEAST 5 LINES AND 20 COLUMNS
DMSPQU553I EDITING FILE: fn ft fm
DMSXED553I EDITING FILE: fn ft fm
DMSXSU582S EDITOR ABEND
DMSDSK077E END CARD MISSING FROM INPUT DECK
DMSMVE226I END OF PDS MOVE
DMSBOP058E END-OF-FILE OR END-OF-TAPE [ON 'TAPn']
DMSCLS058E END-OF-FILE OR END-OF-TAPE [ON 'TAPn']
DMSTPD058E END-OF-FILE OR END-OF-TAPE [ON 'TAPn']
DMSTPE058E END-OF-FILE OR END-OF-TAPE [ON 'TAPn']
DMSVMF058E END-OF-FILE OR END-OF-TAPE [ON 'TAPn']
DMSTLB058E END-OF-FILE OR END-OF-TAPE [ON 'TAPn']
DMSTLB435R ENTER 'IGNORE' OR 'CANCEL'
DMSTLB433R ENTER 'WRITE (VOLID' OR 'REJECT'
DMSDLB220R ENTER DATA SET NAME:
DMSFLD220R ENTER DATA SET NAME:
DMSLDS220R ENTER DATA SET NAME:
DMSFOR605R ENTER DISK LABEL:
DMSDLB331R ENTER EXTENT SPECIFICATIONS:
DMSVGN363R ENTER LOCATION WHERE sysname WILL BE LOADED AND SAVED:
DMSVGN366R ENTER NAME OF SYSTEM TO BE SAVED:
DMSRST604R ENTER SORT FIELDS:
DMSCPY601R ENTER SPECIFICATION LIST:
DMSAMS367R ENTER TAPE {INPUT|OUTPUT} DDNAMES:
DMSCPY602R ENTER TRANSLATION LIST:
DMSDLB330R ENTER VOLUME SPECIFICATIONS:
DMSGND021E ENTRY POINT 'name' NOT FOUND
DMSLIO021E ENTRY POINT 'name' NOT FOUND
DMSMOD021E ENTRY POINT 'name' NOT FOUND
DMSNCP021E ENTRY POINT 'name' NOT FOUND
DMSJOI564W EOF REACHED
DMSXGT564W EOF REACHED
DMSXGT565W EOF REACHED; RECORDS {TRUNCATED|SPILLED}
DMSXSU583I EOF:
DMSERS071E ERASE * * [fm|*] NOT ALLOWED
DMSVGN368R ERASE sysname DOSLIB?...ENTER 'YES' OR 'NO':
DMSIFC826E EREP TXTLIBS NOT FOUND
DMSREX451E Error 3 running fn ft, line nn: Program is unreadable
DMSREX452E Error 4 running fn ft, line nn: Program interrupted
DMSREX450E Error 5 running fn ft, line nn: Machine storage exhausted
DMSREX453E Error 6 running fn ft, line nn: Unmatched ' ' or quote
DMSREX454E Error 7 running fn ft, line nn: WHEN or OTHERWISE expected
DMSREX455E Error 8 running fn ft, line nn: Unexpected THEN or ELSE
DMSREX456E Error 9 running fn ft, line nn: Unexpected WHEN or OTHERWISE
DMSREX457E Error 10 running fn ft, line nn: Unexpected or unmatched END
DMSREX458E Error 11 running fn ft, line nn: Control stack full
DMSREX459E Error 12 running fn ft, line nn: Clause > 500 characters
DMSREX460E Error 13 running fn ft, line nn: Invalid character in data
DMSREX461E Error 14 running fn ft, line nn: Incomplete DO/SELECT/IF
DMSREX462E Error 15 running fn ft, line nn: Invalid hex constant
DMSREX463E Error 16 running fn ft, line nn: Label not found
DMSREX465E Error 17 running fn ft, line nn: Unexpected PROCEDURE
DMSREX491E Error 18 running fn ft, line nn: THEN expected
DMSREX482E Error 19 running fn ft, line nn: String or symbol expected
DMSREX483E Error 20 running fn ft, line nn: Symbol expected
DMSREX464E Error 21 running fn ft, line nn: Invalid data on end of clause
DMSREX484E Error 24 running fn ft, line nn: Invalid TRACE request
DMSREX485E Error 25 running fn ft, line nn: Invalid sub-keyword found
DMSREX466E Error 26 running fn ft, line nn: Invalid whole number
DMSREX467E Error 27 running fn ft, line nn: Invalid DO syntax
DMSREX486E Error 28 running fn ft, line nn: Invalid LEAVE or ITERATE
DMSREX487E Error 29 running fn ft, line nn: Environment name too long
DMSREX468E Error 30 running fn ft, line nn: Name or string > 250 characters
DMSREX469E Error 31 running fn ft, line nn: Name starts with numeric or "."

DMSREX492E Error 32 running fn ft, line nn: Invalid use of stem
DMSREX488E Error 33 running fn ft, line nn: Invalid expression result
DMSREX470E Error 34 running fn ft, line nn: Logical value not 0 or 1
DMSREX471E Error 35 running fn ft, line nn: Invalid expression
DMSREX472E Error 36 running fn ft, line nn: Unmatched "(" in expression
DMSREX473E Error 37 running fn ft, line nn: Unexpected "." or ")"
DMSREX489E Error 38 running fn ft, line nn: Invalid template or pattern
DMSREX474E Error 39 running fn ft, line nn: Evaluation stack overflow
DMSREX475E Error 40 running fn ft, line nn: Incorrect call to routine
DMSREX476E Error 41 running fn ft, line nn: Bad arithmetic conversion
DMSREX477E Error 42 running fn ft, line nn: Arithmetic Overflow/Underflow
DMSREX478E Error 43 running fn ft, line nn: Routine not found
DMSREX479E Error 44 running fn ft, line nn: Function did not return data
DMSREX480E Error 45 running fn ft, line nn: No data on function RETURN
DMSREX490E Error 48 running fn ft, line nn: Failure in system service
DMSREX481E Error 49 running fn ft, line nn: Interpreter failure
DMSPRE235E ERROR 'n' IN INPUT TEXT FILE 'fn ft [fm]'
DMSVRT123S ERROR 'nn' {PRINTING|PUNCHING} FILE 'fn ft fm'
DMSVUN123S ERROR 'nn' {PRINTING|PUNCHING} FILE 'fn ft fm'
DMSVMA346E ERROR 'nn' LOADING 'fn ft' {DISK|'fn ft'}
DMSVMA347E ERROR 'nn' LOADING LIBRARY 'libname'
DMSTMA137S ERROR 'nn' ON STATE FOR 'fn ft fm'
DMSXSU137S ERROR 'nn' ON STATE FOR 'fn ft fm'
DMSVMP104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVLDK104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVDSK104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVDSL104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVEDI104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVFCH104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVGL0104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVHLP104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVSD104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVIFC104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVSLB104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVSLBT104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVSLIO104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVMOD104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVNAM104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVNXL104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVSOVR104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVPOQ104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVRT104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVUN104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVSLN104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVSRT104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVSYN104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSTPE104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSTYP104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVUPD104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVVMF104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVXCP104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVXCT104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVXGT104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVXIN104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVXMA104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVZAP104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVMA348E ERROR 'nn' SAVING LIBRARY 'libname'
DMSVLDK105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSVDSK105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSVDSL105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSVDSV105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSVEDI105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSVSLB105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK

DMSLBT105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSLIO105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSLLU105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSLST105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSMOD105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSPOP105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSPOR105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSPRV105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSRDC105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSRRV105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSRRT105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSRRV105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSSTMA105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSTPD105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSTPE105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSUPD105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSVMF105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSVPD105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSXCP105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSXCT105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSXPT105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSDLK245S ERROR 'nnn' ON PRINTER
DMSDSV245S ERROR 'nnn' ON PRINTER
DMSZAP245S ERROR 'nnn' ON PRINTER
DMSZAP192W ERROR - ODD NUMBER OF DIGITS - SET NO GO SWITCH
DMSFOR126S ERROR {READ|WRIT}ING LABEL ON DISK mode raddr
DMSRDR630S ERROR ACCESSING SPOOL FILE
DMSWPK630S ERROR ACCESSING SPOOL FILE
DMSWRC630S ERROR ACCESSING SPOOL FILE
DMSCK805S ERROR ASSIGNING OUTPUT TO PRINTER
DMSNXD617E ERROR CODE n FORM DMSFRET WHILE UNLOADING 'module name' MODULE
DMSWRC682E ERROR COPYING FILE 'fn ft fm', RC=nn FROM 'command'
DMSWV809E ERROR COPYING "VSEVSAM SCAN" FILE FROM S-DISK TO A-DISK
DMSSTA671E ERROR CREATING FILE 'fn ft fm' RC=xx FROM 'command'
DMSDOS787E ERROR DECOMPRESSING macro MACRO
DMSCK807S ERROR ENCOUNTERED ISSUING ASSGN FOR CATALOG
DMSCK804S ERROR ESTABLISHING CMS/DOS ENVIRONMENT
DMSWDC653E ERROR EXECUTING 'command', RC=nn
DMSWDF653E ERROR EXECUTING 'GLOBALV', RC=nn
DMSITS122S ERROR IN CALL TO routine FROM addr, ERROR CODE nnn (HEX xxxxxx)
DMSEXT072E ERROR IN EXEC FILE fn LINE nnn - message
DMSEXE085E ERROR IN fn ft fm, LINE nnn - message
DMSPRE234E ERROR IN LOAD LIST FILE 'fn ft fm' [NO INPUT]
DMSWV794E ERROR IN MACLIB GENERATION
DMSDDL639E ERROR IN 'routine' ROUTINE. RETURN CODE WAS 'xx'
DMSQRS639E ERROR IN QUERY ROUTINE. RETURN CODE WAS 'xx'
DMSQRT639E ERROR IN QUERY ROUTINE. RETURN CODE WAS 'xx'
DMSQRU639E ERROR IN QUERY ROUTINE. RETURN CODE WAS 'xx'
DMSQRV639E ERROR IN QUERY ROUTINE. RETURN CODE WAS 'xx'
DMSQRW639E ERROR IN QUERY ROUTINE. RETURN CODE WAS 'xx'
DMSQRX639E ERROR IN QUERY ROUTINE. RETURN CODE WAS 'xx'
DMSVIP785E ERROR IN REQUEST MACRO PROCESSING: POSSIBLE USER PROGRAMMING
ERROR. SEE VSE/VSAM ERROR CODE code, RETURN CODE code
DMSVIP786E ERROR IN REQUEST MACRO PROCESSING: POSSIBLE SYSTEM ERROR.
SEE VSE/VSAM ERROR CODE code, RETURN CODE code
DMSACC240S ERROR LOADING READ OS ROUTINE 'DMSROS TEXT'
DMSARN008W ERROR MESSAGES ISSUED
DMSLKD008W ERROR MESSAGES ISSUED
DMSTMA138S ERROR nn ERASING fn ft BEFORE LOADING TAPE
DMSDSK118S ERROR PUNCHING FILE ['fn ft fm']
DMSPUN118S ERROR PUNCHING FILE ['fn ft fm']
DMSTLB110S ERROR READING 'TAPn raddr'
DMSTMA110S ERROR READING 'TAPn raddr'
DMSTPD110S ERROR READING 'TAPn raddr'

DMSTPE110S ERROR READING 'TAPn raddr'
 DMSVMF110S ERROR READING 'TAPn raddr'
 DMSVPD110S ERROR READING 'TAPn raddr'
 DMSDSK124S ERROR READING CARD FILE
 DMSRDC124S ERROR READING CARD FILE
 DMSWVV796E ERROR READING FROM "VSEVSAM SCAN" FILE
 DMSWVV799E ERROR READING FROM "VSEVSAM SCAN" FILE - ALL MACRO MAY NOT BE FOUND
 DMSWVV795E ERROR READING MACROS FROM TAPE
 DMSWRC671E ERROR RECEIVING FILE 'fn ft fm', RC=nn FROM 'command'
 DMSWNM656E ERROR SEARCHING YOUR NAMES FILE, RC=nn FROM NAMEFIND COMMAND
 DMSWSF671E ERROR SENDING FILE 'fn ft fm', RC=nn FROM 'command'
 DMSARX074E ERROR SETTING/RESETTING AUXILIARY DIRECTORY
 DMSASM074E ERROR SETTING/RESETTING AUXILIARY DIRECTORY
 DMSTLB111S ERROR WRITING 'TAPn raddr'
 DMSTPE111S ERROR WRITING 'TAPn raddr'
 DMSEDI117S ERROR WRITING TO DISPLAY TERMINAL
 DMSPOW117S ERROR WRITING TO DISPLAY TERMINAL
 DMSVMF117S ERROR WRITING TO DISPLAY TERMINAL
 DMSXSC117S ERROR WRITING TO DISPLAY TERMINAL
 DMSLIO169S ESDID TABLE OVERFLOW
 DMSITP141T exception EXCEPTION OCCURRED AT addr IN ROUTINE called
 DMSITP144T exception EXCEPTION OCCURRED AT addr IN ROUTINE called WHILE 'UFDBUSY' = xx.
 IPL CMS AGAIN
 DMSITP142T exception EXCEPTION OCCURRED AT addr IN ROUTINE routine DURING 'SPIE' EXIT
 ROUTINE
 DMSITP143T exception EXCEPTION OCCURRED AT addr in SYSTEM ROUTINE called.
 DMSLIO740I EXECUTION BEGINS ...

DMSGLO649E EXTRANEIOUS PARAMETER 'parameter'
 DMSWNM649E EXTRANEIOUS PARAMETER 'parameter'
 DMSWPK649E EXTRANEIOUS PARAMETER 'parameter'
 DMSWRC649E EXTRANEIOUS PARAMETER 'parameter'

DMSVGN364I FETCHING sysname...
 DMSICP007E FILE 'filename' IOCP IS NOT FIXED, 80 CHAR. RECORDS
 DMSICP002E FILE 'filename' IOCP NOT FOUND
 DMSSTA703I FILE 'fn ft [fm]' {COPIED|CREATED}
 DMSTPD703I FILE 'fn ft [fm]' {COPIED|CREATED}
 DMSLBM056E FILE 'fn ft [fm]' CONTAINS INVALID {NAME|ALIAS|ENTRY|ESD} RECORD FORMATS
 DMSLBT056E FILE 'fn ft [fm]' CONTAINS INVALID {NAME|ALIAS|ENTRY|ESD} RECORD FORMATS
 DMSLIO056E FILE 'fn ft [fm]' CONTAINS INVALID {NAME|ALIAS|ENTRY|ESD} RECORD FORMATS
 DMSNCP056E FILE 'fn ft [fm]' CONTAINS INVALID {NAME|ALIAS|ENTRY|ESD} RECORD FORMATS
 DMS SYN056E FILE 'fn ft [fm]' CONTAINS INVALID {NAME|ALIAS|ENTRY|ESD} RECORD FORMATS
 DMSZAP056E FILE 'fn ft [fm]' CONTAINS INVALID {NAME|ALIAS|ENTRY|ESD} RECORD FORMATS
 DMSGLB002W FILE 'fn ft [fm]' NOT FOUND
 DMSGND002W FILE 'fn ft [fm]' NOT FOUND
 DMSLBM002W FILE 'fn ft [fm]' NOT FOUND
 DMSLBT002W FILE 'fn ft [fm]' NOT FOUND
 DMSZAP002W FILE 'fn ft [fm]' NOT FOUND
 DMSARN007E FILE 'fn ft fm' [IS] NOT FIXED, 80 CHAR. RECORDS
 DMSDLK007E FILE 'fn ft fm' [IS] NOT FIXED, 80 CHAR. RECORDS
 DMSGRN007E FILE 'fn ft fm' [IS] NOT FIXED, 80 CHAR. RECORDS
 DMSIFC007E FILE 'fn ft fm' [IS] NOT FIXED, 80 CHAR. RECORDS
 DMSLKD007E FILE 'fn ft fm' [IS] NOT FIXED, 80 CHAR. RECORDS
 DMS SYN007E FILE 'fn ft fm' [IS] NOT FIXED, 80 CHAR. RECORDS
 DMSUPD007E FILE 'fn ft fm' [IS] NOT FIXED, 80 CHAR. RECORDS
 DMSXUP007E FILE 'fn ft fm' [IS] NOT FIXED, 80 CHAR. RECORDS
 DMSZAP007E FILE 'fn ft fm' [IS] NOT FIXED, 80 CHAR. RECORDS
 DMSAMS007E FILE 'fn ft fm' [IS] NOT FIXED, 80-CHAR. RECORDS
 DMSARX007E FILE 'fn ft fm' [IS] NOT FIXED, 80-CHAR. RECORDS
 DMSASM007E FILE 'fn ft fm' [IS] NOT FIXED, 80-CHAR. RECORDS
 DMSCPY030E FILE 'fn ft fm' ALREADY ACTIVE
 DMSRNM030E FILE 'fn ft fm' ALREADY ACTIVE

DMSWRC024E FILE 'fn ft fm' ALREADY EXISTS
DMSCPY024E FILE 'fn ft fm' ALREADY EXISTS [-- SPECIFY 'REPLACE']
DMSEDI024E FILE 'fn ft fm' ALREADY EXISTS [-- SPECIFY 'REPLACE']
DMSRNM024E FILE 'fn ft fm' ALREADY EXISTS [-- SPECIFY 'REPLACE']
DMSSTA024E FILE 'fn ft fm' ALREADY EXISTS [-- SPECIFY 'REPLACE']
DMSUPD024E FILE 'fn ft fm' ALREADY EXISTS [-- SPECIFY 'REPLACE']
DMSUTL024E FILE 'fn ft fm' ALREADY EXISTS [-- SPECIFY 'REPLACE']
DMSXIN024E FILE 'fn ft fm' ALREADY EXISTS [-- SPECIFY 'REPLACE']
DMSXCT594E FILE 'fn ft fm' ALREADY EXISTS. USE FFILE/SSAVE.
DMSXED555E FILE 'fn ft fm' ALREADY IN STORAGE
DMSXED555W FILE 'fn ft fm' ALREADY IN STORAGE
DMSLBT056W FILE 'fn ft fm' CONTAINS INVALID [NAME|ALIAS|ENTRY|ESD] RECORD FORMATS
DMSPRT033E FILE 'fn ft fm' IS NOT A LIBRARY
DMSPUN033E FILE 'fn ft fm' IS NOT A LIBRARY
DMSSVT033E FILE 'fn ft fm' IS NOT A LIBRARY
DMSTYP033E FILE 'fn ft fm' IS NOT A LIBRARY
DMSRTO034E FILE 'fn ft fm' IS NOT FIXED LENGTH
DMSWRC024E FILE 'fn ft fm' NOT FOUND
DMSWFL024E FILE 'fn ft fm' NOT FOUND
DMSWSF024E FILE 'fn ft fm' NOT FOUND
DMSXCT002E FILE 'fn ft fm' NOT FOUND
DMSXGT002E FILE 'fn ft fm' NOT FOUND
DMSXIN002E FILE 'fn ft fm' NOT FOUND
DMSXUP002E FILE 'fn ft fm' NOT FOUND
DMSEDI132S FILE 'fn ft fm' TOO LARGE
DMSXIN132S FILE 'fn ft fm' TOO LARGE
DMSTPE096E FILE 'fn ft' DATA BLOCK COUNT INCORRECT
DMSZAP208E FILE 'fn ft' IS NOT VARIABLE RECORD FORMAT
DMSLGT002I FILE 'fn' [TXTLIB|LOADLIB] NOT FOUND
DMSLIO002I FILE 'fn' [TXTLIB|LOADLIB] NOT FOUND
DMSLOS002I FILE 'fn' [TXTLIB|LOADLIB] NOT FOUND
DMSAMS722I FILE 'fname2 LISTING fm' WILL HOLD AMSERV OUTPUT
DMSWNT665E FILE 'USERID NOTE *' ALREADY EXISTS. ENTER 'NOTE' TO CONTINUE or SPECIFY
'REPLACE'.
DMSWNT666E FILE 'USERID NOTE *' NOT FOUND. TO BEGIN A NEW NOTE ENTER 'NOTE name'.
DMSWPK684E FILE CONTAINS INVALID RECORDS AND CANNOT BE REFORMATTED.
DMSFOR253E FILE fn ft fm CANNOT BE HANDLED WITH SUPPLIED PARAMETER LIST
DMSSTT253E FILE fn ft fm CANNOT BE HANDLED WITH SUPPLIED PARAMETER LIST
DMSPQU577E FILE HAS BEEN CHANGED. USE QQUIT TO QUIT ANYWAY
DMWPK132S FILE IS TOO LARGE
DMSLST689E FILE MUST BE F-FORMAT 108 OR V-FORMAT
DMSFNS908T FILE SYSTEM ERROR DETECTED. VIRTUAL ADDR 'vaddr'. REASON CODE 'nn'.
DMSACC060E FILE(S) 'fn [ft [fm]]' NOT FOUND. DISK 'mode vaddr' WILL NOT BE ACCESSED
DMSFLD224E FILEID ALREADY IN USE
DMSARX038E FILEID CONFLICT FOR DDNAME 'ASM3705'
DMSASM038E FILEID CONFLICT FOR DDNAME 'ASSEMBLE'
DMSICP038E FILEID CONFLICT FOR DDNAME 'SYSIN'
DMSBOP404S filename LOGIC MODULE NOT FOUND IN 'segname' SHARED SEGMENT
DMSSEG403S filename SHARED SEGMENT NOT AVAILABLE - RELOAD CMSDOS
DMSBOP403S filename SHARED SEGMENT NOT AVAILABLE. RELOAD CMSDOS
DMSCMP209W FILES DO NOT COMPARE
DMSXSE600E FIRST SELECTION LEVEL (nn) CANNOT BE GREATER THAN SECOND SELECTION
LEVEL (nn)
DMSFOR603R FORMAT WILL ERASE ALL FILES ON DISK 'mode vaddr'. DO YOU WISH TO CONTINUE?
(YES|NO):
DMSFOR733I FORMATTING DISK 'mode'
DMSFRE167T FREE STORAGE MANAGEMENT ERROR, INTERNAL CODE ERROR nn
DMSDOS094E FROM ADDRESS ON MVCOM MACRO INVALID
DMSGLO631E function CAN ONLY BE EXECUTED FROM AN EXEC 2 or REXX EXEC
[OR AS A CMS COMMAND]

DMSNCP099W GENERATION PARAMETERS INCOMPATIBLE WITH VM/SP

DMSHLP254E HELP CANNOT FIND THE INFORMATION YOU REQUESTED. IF NOT MISSPELLED, PLEASE
ENTER 'HELP' FOR MENU SELECTION OR 'HELP HELP' FOR THE HELP COMMAND
DMSINI640R HELP DISK ADDRESS = addr
DMSHLP251E HELP PROCESSING ERROR, CODE nnn 'description'

DMSEIO632E I/O ERROR IN EXECIO: RC=XXX FROM 'command' COMMAND
DMSHLP907T I/O ERROR ON FILE 'fn ft fm'
DMSLBM907T I/O ERROR ON FILE 'fn ft fm'
DMSLIO907T I/O ERROR ON FILE 'fn ft fm'
DMSUTL907T I/O ERROR ON FILE 'fn ft fm'
DMSMVE128S I/O ERROR ON INPUT AFTER READING nnn RECORDS: INPUT ERROR code ON ddname
DMSMVE129S I/O ERROR ON OUTPUT WRITING RECORD NUMBER nnnn: OUTPUT ERROR code ON ddname
DMSHLP250S I/O ERROR OR DEVICE ERROR
DMSLDS222E I/O ERROR READING 'data set name' FROM {'fm'|OS|DOS} DISK
DMSREA830E I/O ERROR READING A RECORD FROM THE ERROR RECORDING CYLINDERS
DMSLDS231E I/O ERROR READING VTOC FROM {'fm'|OS|DOS} DISK
DMSCMP019E IDENTICAL FILEIDS
DMSRNM019E IDENTICAL FILEIDS
DMSRTO19E IDENTICAL FILEIDS
DMSDMP146I IDUMP FOR identifier mm/dd/yy hh:mm
DMSDMP325W IDUMP FOR jobname TERMINATED DUE TO ERROR ON 'OOE'
DMSWVV790R IF THE DEFAULT LIBRARY NAME OF "VSEVSAM" IS TO BE USED, PRESS
"ENTER." ELSE, ENTER THE NAME TO BE USED FOR THE LIBRARY
DMSSTX326E ILLEGAL SVC svc (HEX xx) CALLED FROM addr
DMSCPY903T IMPOSSIBLE PHASE CODE 'xx'
DMSDLB305E INCOMPLETE EXTENT RANGE
DMSCMP054E INCOMPLETE FILEID SPECIFIED
DMSCPY054E INCOMPLETE FILEID SPECIFIED
DMSDSK054E INCOMPLETE FILEID SPECIFIED
DMSDIO054E INCOMPLETE FILEID SPECIFIED
DMSERS054E INCOMPLETE FILEID SPECIFIED
DMSGRN054E INCOMPLETE FILEID SPECIFIED
DMSRPT054E INCOMPLETE FILEID SPECIFIED
DMSRDC054E INCOMPLETE FILEID SPECIFIED
DMSRNM054E INCOMPLETE FILEID SPECIFIED
DMSRSV054E INCOMPLETE FILEID SPECIFIED
DMSRTO054E INCOMPLETE FILEID SPECIFIED
DMSSTT054E INCOMPLETE FILEID SPECIFIED
DMSTYP054E INCOMPLETE FILEID SPECIFIED
DMSUTL054E INCOMPLETE FILEID SPECIFIED
DMSWFL054E INCOMPLETE FILEID SPECIFIED
DMSWSF054E INCOMPLETE FILEID SPECIFIED
DMSXIN054E INCOMPLETE FILEID SPECIFIED
DMSMVE041E INPUT AND OUTPUT FILES ARE THE SAME
DMSCPY068E INPUT FILE 'fn ft fm' NOT IN PACKED FORMAT
DMSUPD210W INPUT FILE SEQUENCE ERROR '.....' TO '.....'
DMSXUP210W INPUT FILE SEQUENCE ERROR '.....' TO '.....'
DMSXMD573I INPUT MODE:
DMSINI612R INSTALLATION HEADING =
DMSFOR216E INSUFFICIENT BLOCKS ON DISK TO SUPPORT CMS DISK STRUCTURE
DMSNXL622E INSUFFICIENT FREE STORAGE
DMSEIO622E INSUFFICIENT FREE STORAGE FOR EXECIO
DMSNAM622W INSUFFICIENT FREE STORAGE FOR NAMEFIND BUFFER, PROCESSING CONTINUES
DMSNXM622E INSUFFICIENT FREE STORAGE (nn ENTRIES)
DMSFRE159T INSUFFICIENT STORAGE AVAILABLE TO SATISFY DMSFREE REQUEST FROM addr
DMSEXE255T INSUFFICIENT STORAGE FOR EXEC INTERPRETER
MSGAM956E INSUFFICIENT STORAGE FOR GAM/SP ANCHOR BLOCK
DMSUPD300E INSUFFICIENT STORAGE TO BEGIN UPDATE
DMSUPD299E INSUFFICIENT STORAGE TO COMPLETE UPDATE
MSGLO622S INSUFFICIENT STORAGE - NO TABLE MADE
DMSCIO145S INTERVENTION REQUIRED ON {PRINTER|PUNCH}
DMSPIO145S INTERVENTION REQUIRED ON {PRINTER|PUNCH}

DMSspr145s INTERVENTION REQUIRED ON {PRINTER|PUNCH}
DMSPRE183E INVALID {CONTROL|AUX} FILE CONTROL CARD
DMSUPD183E INVALID {CONTROL|AUX} FILE CONTROL CARD
DMSXUP183E INVALID {CONTROL|AUX} FILE CONTROL CARD
DMSINI080E INVALID {CYL|BLK} NUMBER - REENTER
DMSJOI575E INVALID {JOIN|SPLIT|TABS|VERIFY|ZONE} COLUMNS DEFINED
DMSspl575E INVALID {JOIN|SPLIT|TABS|VERIFY|ZONE} COLUMNS DEFINED
DMSXMC575E INVALID {JOIN|SPLIT|TABS|VERIFY|ZONE} COLUMNS DEFINED
DMSXSE575E INVALID {JOIN|SPLIT|TABS|VERIFY|ZONE} COLUMNS DEFINED
DMSAMS070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSARE070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSARX070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSASMO70E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSASNO70E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSDLB070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSDLK070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSDSK070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSDSL070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSDSV070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSERS070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSERVO70E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSFET070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSFLD070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSFOR070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSGND070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSICP070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSIDE070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSIMM070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSLBD070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSLBM070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSLKD070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSLLU070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSLST070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSMDP070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSMOD070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSMVE070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSNXD070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSNXLO70E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSNXMO70E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSOPT070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSOSR070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSPOR070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSPRTO70E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSPRVO70E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSQRY070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSRRVO70E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSRSVO70E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSRUNO70E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSSET070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSSRTO70E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSSRVO70E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSSSK070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSSTT070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSTMA070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSTPE070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSUPD070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSVMF070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSVPD070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSWFL070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSXINO70E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSZAP070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSCMP062E INVALID [CHAR|CHARACTER] '[=*|char]' IN [OUTPUT] FILEID ['fn ft [fm]']
DMSCP062E INVALID [CHAR|CHARACTER] '[=*|char]' IN [OUTPUT] FILEID ['fn ft [fm]']
DMSDSK062E INVALID [CHAR|CHARACTER] '[=*|char]' IN [OUTPUT] FILEID ['fn ft [fm]']

DMSVRT062E INVALID [CHAR|CHARACTER] '[=*|char]' IN [OUTPUT] FILEID ['fn ft [fm]']
DMSVUN062E INVALID [CHAR|CHARACTER] '[=*|char]' IN [OUTPUT] FILEID ['fn ft [fm]']
DMSRDC062E INVALID [CHAR|CHARACTER] '[=*|char]' IN [OUTPUT] FILEID ['fn ft [fm]']
DMSRNM062E INVALID [CHAR|CHARACTER] '[=*|char]' IN [OUTPUT] FILEID ['fn ft [fm]']
DMSVRT062E INVALID [CHAR|CHARACTER] '[=*|char]' IN [OUTPUT] FILEID ['fn ft [fm]']
DMSSTT062E INVALID [CHAR|CHARACTER] '[=*|char]' IN [OUTPUT] FILEID ['fn ft [fm]']
DMSTYP062E INVALID [CHAR|CHARACTER] '[=*|char]' IN [OUTPUT] FILEID ['fn ft [fm]']
DMSWFL062E INVALID [CHAR|CHARACTER] '[=*|char]' IN [OUTPUT] FILEID ['fn ft [fm]']
DMSWNT062E INVALID [CHAR|CHARACTER] '[=*|char]' IN [OUTPUT] FILEID ['fn ft [fm]']
DMSWPK062E INVALID [CHAR|CHARACTER] '[=*|char]' IN [OUTPUT] FILEID ['fn ft [fm]']
DMSWRC062E INVALID [CHAR|CHARACTER] '[=*|char]' IN [OUTPUT] FILEID ['fn ft [fm]']
DMSWSF062E INVALID [CHAR|CHARACTER] '[=*|char]' IN [OUTPUT] FILEID ['fn ft [fm]']
DMSCPY064E INVALID [TRANSLATE] SPECIFICATION AT OR NEAR '.....'
DMSPOR626E INVALID ACTION ROUTINE PARAMETER 'parameter'
DMSCMS095E INVALID ADDRESS 'address'
DMSDOS095E INVALID ADDRESS 'address'
DMSDSV095E INVALID ADDRESS 'address'
DMSGEN095E INVALID ADDRESS 'address'
DMSRUN070E INVALID ARGUMENT 'argument'
DMSASN087E INVALID ASSIGNMENT OF 'SYSxxx' TO DEVICE 'device'
DMSDSK078E INVALID CARD IN READER {DECK|FILE 'cardimage'}
DMSGRN078E INVALID CARD IN READER {DECK|FILE 'cardimage'}
DMSWSF676E INVALID CHARACTER '*' FOR NETWORK ID
DMSWTL676E INVALID CHARACTER '*' FOR NETWORK ID
DMSXSU062E INVALID CHARACTER IN FILEID 'fn ft fm'
DMSFLD704I INVALID CLEAR REQUEST
DMSLBD704I INVALID CLEAR REQUEST
DMSXCT527E INVALID COLUMN NUMBER
DMSZAP190W INVALID CONTROL RECORD OR NO GO SWITCH SET
DMSNCP025E INVALID DATA IN 370X CONTROL PROGRAM
DMSDSK445W INVALID DATA SET IN SEQUENCE FIELD, BYPASSING SEQUENCE CHECK
DMSDLB221E INVALID DATA SET NAME
DMSFLD221E INVALID DATA SET NAME
DMSLBD221E INVALID DATA SET NAME
DMSLDS221E INVALID DATA SET NAME
DMSDLB086E INVALID DDNAME 'ddname'
DMSMVE086E INVALID DDNAME 'ddname'
DMSASN027E INVALID DEVICE {'device name'|'device' FOR 'SYSxxx'}
DMSDSV027E INVALID DEVICE {'device name'|'device' FOR 'SYSxxx'}
DMSERV027E INVALID DEVICE {'device name'|'device' FOR 'SYSxxx'}
DMSFLD027E INVALID DEVICE {'device name'|'device' FOR 'SYSxxx'}
DMSTLB027E INVALID DEVICE {'device name'|'device' FOR 'SYSxxx'}
DMSTPE027E INVALID DEVICE {'device name'|'device' FOR 'SYSxxx'}
DMSACC017E INVALID DEVICE ADDRESS 'vaddr'
DMSARE017E INVALID DEVICE ADDRESS 'vaddr'
DMSFOR017E INVALID DEVICE ADDRESS 'vaddr'
DMSTPE017E INVALID DEVICE ADDRESS 'vaddr'
DMSINI079E INVALID DEVICE ADDRESS - REENTER
DMSASN090E INVALID DEVICE CLASS 'deviceclass' FOR 'device'
DMSFRE160T INVALID DMSFREE CALL FROM addr
DMSFRE161T INVALID DMSFRET CALL FROM addr, ERROR NUMBER nn
DMSEXE175E INVALID EXEC COMMAND
DMSLDS227W INVALID EXTENT FOUND FOR 'datasetname' ON 'fm' DISK
DMSWFL680E INVALID FILEID SPECIFIED WITH 'FILELIST' OPTION
DMSWSF680E INVALID FILEID SPECIFIED WITH 'FILELIST' OPTION
DMSMOD032E INVALID FILETYPE 'ft'
DMSSYN032E INVALID FILETYPE 'ft'
DMSUTL032E INVALID FILETYPE 'ft'
DMSSMN133S INVALID GETMAIN OR FREEMAIN SPECIFICATION
DMSSTG133S INVALID GETMAIN OR FREEMAIN SPECIFICATION
DMSGLO628E INVALID GLOBALV FUNCTION 'function'
DMSXDC544E INVALID HEX DATA : xxxxxxxx
DMSDSK014E INVALID FUNCTION 'function'

DMSDSL014E INVALID FUNCTION 'function'
DMSGLB014E INVALID FUNCTION 'function'
DMSIMA014E INVALID FUNCTION 'function'
DMSIMM014E INVALID FUNCTION 'function'
DMSLBM014E INVALID FUNCTION 'function'
DMSLBT014E INVALID FUNCTION 'function'
DMSOVR014E INVALID FUNCTION 'function'
DMSPOR014E INVALID FUNCTION 'function'
DMSQRY014E INVALID FUNCTION 'function'
DMSSET014E INVALID FUNCTION 'function'
DMSSPR014E INVALID FUNCTION 'function'
DMSTPE014E INVALID FUNCTION 'function'
DMSUTL014E INVALID FUNCTION 'function'
DMSWDF014E INVALID FUNCTION 'function'
DMSZAP014E INVALID FUNCTION 'function'
DMSIMA349E INVALID LIBRARY 'libname'
DMSXCT521E INVALID LINE NUMBER
DMSXGT521E INVALID LINE NUMBER
DMSXSE521E INVALID LINE NUMBER
DMSTYP049E INVALID LINE NUMBER 'line number'
DMSACC048E INVALID MODE 'mode'
DMSARE048E INVALID MODE 'mode'
DMSCPY048E INVALID MODE 'mode'
DMSDLB048E INVALID MODE 'mode'
DMSDSK048E INVALID MODE 'mode'
DMSERS048E INVALID MODE 'mode'
DMSFOR048E INVALID MODE 'mode'
DMSGRN048E INVALID MODE 'mode'
DMSLDS048E INVALID MODE 'mode'
DMSLST048E INVALID MODE 'mode'
DMSMVE048E INVALID MODE 'mode'
DMSPR048E INVALID MODE 'mode'
DMSRNM048E INVALID MODE 'mode'
DMSRUN048E INVALID MODE 'mode'
DMSSET048E INVALID MODE 'mode'
DMSSTT048E INVALID MODE 'mode'
DMSTPE048E INVALID MODE 'mode'
DMSUPD048E INVALID MODE 'mode'
DMSWSF048E INVALID MODE 'mode'
DMSXSE048E INVALID MODE 'mode'
DMSXSU048E INVALID MODE 'mode'
DMSRNM051E INVALID MODE CHANGE
DMSXCT541E INVALID NAME
DMSWSF678E INVALID NOTE HEADER FORMAT. NOTE CANNOT BE SENT
DMSXDC543E INVALID NUMBER: xxxxxxxx
DMSALT520E INVALID OPERAND : operand
DMSCAN520E INVALID OPERAND : operand
DMSMOD520E INVALID OPERAND : operand
DMSPQU520E INVALID OPERAND : operand
DMSSCH520E INVALID OPERAND : operand
DMSOR520E INVALID OPERAND : operand
DMSSTA520E INVALID OPERAND : operand
DMSXCG520E INVALID OPERAND : operand
DMSXCT520E INVALID OPERAND : operand
DMSXDC520E INVALID OPERAND : operand
DMSXSE520E INVALID OPERAND : operand
DMSDLB304E INVALID OPERAND VALUE 'value'
DMSACC003E INVALID OPTION 'option'
DMSAMS003E INVALID OPTION 'option'
DMSARN003E INVALID OPTION 'option'
DMSARX003E INVALID OPTION 'option'
DMSASM003E INVALID OPTION 'option'
DMSASN003E INVALID OPTION 'option'
DMSCMP003E INVALID OPTION 'option'

DMSCPY003E INVALID OPTION 'option'
 DMSDLB003E INVALID OPTION 'option'
 DMSDLK003E INVALID OPTION 'option'
 DMSDSL003E INVALID OPTION 'option'
 DMSDSV003E INVALID OPTION 'option'
 DMSEDI003E INVALID OPTION 'option'
 DMSERS003E INVALID OPTION 'option'
 DMSFET003E INVALID OPTION 'option'
 DMSFLD003E INVALID OPTION 'option'
 DMSFOR003E INVALID OPTION 'option'
 DMSGRN003E INVALID OPTION 'option'
 DMSHLP003E INVALID OPTION 'option'
 DMSICP003E INVALID OPTION 'option'
 DMSIMA003E INVALID OPTION 'option'
 DMSLBD003E INVALID OPTION 'option'
 DMSLBM003E INVALID OPTION 'option'
 DMSLBT003E INVALID OPTION 'option'
 DMSLDS003E INVALID OPTION 'option'
 DMSLIO003E INVALID OPTION 'option'
 DMSLLU003E INVALID OPTION 'option'
 DMSLST003E INVALID OPTION 'option'
 DMSMOD003E INVALID OPTION 'option'
 DMSMVE003E INVALID OPTION 'option'
 DMSNAM003E INVALID OPTION 'option'
 DMSNCP003E INVALID OPTION 'option'
 DMSPOP003E INVALID OPTION 'option'
 DMSPRTO03E INVALID OPTION 'option'
 DMSPRV003E INVALID OPTION 'option'
 DMSPUN003E INVALID OPTION 'option'
 DMSQRY003E INVALID OPTION 'option'
 DMSRNM003E INVALID OPTION 'option'
 DMSRRV003E INVALID OPTION 'option'
 DMSRRV003E INVALID OPTION 'option'
 DMSRYN003E INVALID OPTION 'option'
 DMSTMA003E INVALID OPTION 'option'
 DMSTPD003E INVALID OPTION 'option'
 DMSTPE003E INVALID OPTION 'option'
 DMSTYP003E INVALID OPTION 'option'
 DMSUPD003E INVALID OPTION 'option'
 DMSUTL003E INVALID OPTION 'option'
 DMSWFL003E INVALID OPTION 'option'
 DMSWNT003E INVALID OPTION 'option'
 DMSWPK003E INVALID OPTION 'option'
 DMSWRC003E INVALID OPTION 'option'
 DMSWSF003E INVALID OPTION 'option'
 DMSWSF677E INVALID OPTION 'option'
 DMSXIN003E INVALID OPTION 'option'
 DMSZAP003E INVALID OPTION 'option'
 DMSICP070E INVALID PARAMETER 'parameter'
 DMSQRS026E INVALID PARAMETER 'parameter' FOR 'function' FUNCTION
 DMSQRV026E INVALID PARAMETER 'parameter' FOR 'function' FUNCTION
 DMSQRY026E INVALID PARAMETER 'parameter' FOR 'function' FUNCTION
 DMSSET026E INVALID PARAMETER 'parameter' FOR 'function' FUNCTION
 DMSSPR026E INVALID PARAMETER 'parameter' FOR 'function' FUNCTION
 DMSASN029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
 DMSCMP029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
 DMSCPY029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
 DMSEDI029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
 DMSFET029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
 DMSFLD029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
 DMSLBD029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
 DMSLIO029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
 DMSNAM029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD

DMSVRT029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSTPE029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSTYP029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSWDF029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSWPK029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSWRC029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSXIN029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
DMSCK803E INVALID PARAMETER SPECIFICATION
DMSXCT535E INVALID PARMS FOR RENUM
DMSDMP020W INVALID PDUMP ADDRESS 'address' - NO DUMP OPERATION PERFORMED
DMSSCH525E INVALID {PFKEY|PFKEY/PAKEY} NUMBER
DMSXSE525E INVALID {PFKEY|PFKEY/PAKEY} NUMBER
DMSPSH659E INVALID PREFIX SUBCOMMAND: nnnn
DMSPSW659E INVALID PREFIX SUBCOMMAND: nnnn
DMSPPX659E INVALID PREFIX SUBCOMMAND: nnnn
DMSXSE528E INVALID RANGE : TARGET2 (LINE nn) PRECEDES TARGET1 (LINE nn)
DMSMVE232E INVALID RECFM -- SPANNED RECORDS NOT SUPPORTED
DMSTMA057E INVALID RECORD FORMAT
DMSTPE057E INVALID RECORD FORMAT
DMSINI081E INVALID REPLY - ANSWER "YES" OR "NO"
DMSWSF081E INVALID REPLY - ANSWER "YES" OR "NO"
DMSWV789W INVALID RESPONSE
DMSVGN360E INVALID RESPONSE 'response'
DMSSPR352E INVALID SETPRT DATA IN FILE 'fn ft'
DMSRT053E INVALID SORT FIELD PAIR DEFINED
DMSXMS053E INVALID SORT FIELD PAIR DEFINED
DMSWPK650E INVALID SPOOLID 'nnnn'
DMSSSK363E INVALID STARTING ADDRESS 'startadr'
DMSSSK362E INVALID STORAGE PROTECT KEY 'key'
DMSXCM512E INVALID SUBSET COMMAND
DMSXDC512E INVALID SUBSET COMMAND
DMSGAM951E INVALID SVC nn. GAM/SP NOT INSTALLED
DMSWEX654E INVALID SYMBOL 'symbol'. {'/' MUST BE SPECIFIED ALONE|INVALID
CHARACTER 'char' FOLLOWING '/' SYMBOL}
DMSXDC548E INVALID SYNONYM OPERAND : operand
DMSXSE548E INVALID SYNONYM OPERAND : operand
DMSASN035E INVALID TAPE MODE
DMSFLD035E INVALID TAPE MODE
DMSVMF035E INVALID TAPE MODE
DMSUPD207W INVALID UPDATE FILE CONTROL CARD
DMSXUP207W INVALID UPDATE FILE CONTROL CARD
DMSMOD084E INVALID USE OF 'FROM' AND 'TO' OPTIONS
DMSZAP248W INVALID VER/REP DISP - SET NO GO SWITCH
DMSINI608R IPL DEVICE ADDRESS = cuu
DMSINI082E IPL DEVICE ERROR - REENTER
DMSINI902T IPL DEVICE READ I/O ERROR
DMSINI131S IPL DEVICE WRITE I/O ERROR
DMSINI147R IS THE SHARED {S-DISK|Y-DISK} DIRECTORY TO BE USED WITH THIS SYSTEM?
YES OR NO

DMSDOS160S JOB CANCELED DUE TO PROGRAM REQUEST
DMSBTP106E JOB CARD FORMAT INVALID
DMSJOI685E JOINED LINE(S) EXCEED ZONE SETTINGS

DMSCPY157E LABEL 'label' NOT FOUND IN FILE 'fn ft fm'
DMSDSL213W LIBRARY 'fn ft fm' NOT CREATED
DMSLBM213W LIBRARY 'fn ft fm' NOT CREATED
DMSLBT213W LIBRARY 'fn ft fm' NOT CREATED
DMSXCT533E LINE nn IS NOT RESERVED
DMSVGN362I LINK EDITING sysname
DMSWNT699E LIST OF ADDRESSES CANNOT BEGIN WITH 'CC:'
DMSLIO116S LOADER TABLE OVERFLOW
DMSMOD116S LOADER TABLE OVERFLOW

DMSSET031E LOADER TABLES CANNOT BE MODIFIED
DMSXFD700E LOGICAL AND OPERATOR '&' NOT VALID FOR COLUMN TARGETS
DMSXCT567E LOGICAL SCREEN (s11,sw1,sh1,sv1) AND (s12,sw2,sh2,sv2) OVERLAP EACH OTHER
DMSXCT566E LOGICAL SCREEN (s11,sw1,sh1,sv1) IS OUTSIDE THE PHYSICAL SCREEN
DMSXCT536E LOGICAL SCREENS EXCEED PHYSICAL SCREEN SIZE
DMSXSE519E LRECL MUST BE LOWER THAN WIDTH (nn)

DMSLBM157S MACLIB LIMIT EXCEEDED [, LAST MEMBER ADDED WAS 'membername']
DMSWV793I MACLIB GENERATION COMPLETED
DMSWV808R MACRO LIBRARY "libname" WILL BE ERASED. PRESS "ENTER" TO
CONTINUE OR "QUIT" TO EXIT
DMSWV802I MACROS ERASED - VSEVSAM PROCESSING COMPLETE
DMSDLB320I MAXIMUM NUMBER OF DISK ENTRIES RECORDED
DMSDLB321I MAXIMUM NUMBER OF EXTENTS RECORDED
DMSRT212E MAXIMUM NUMBER OF RECORDS EXCEEDED
DMSITS135S MAXIMUM SVC DEPTH 'nnnn' HAS BEEN EXCEEDED WITH CALL AT addr
DMSZAP751I MEMBER 'name' FOUND IN LIBRARY 'libname'
DMSZAP247W MEMBER 'name' NOT FOUND - SET NO GO SWITCH
DMSIMA013E MEMBER 'name' NOT FOUND IN LIBRARY-['fn ft fm'|libname]'
DMSLBT013E MEMBER 'name' NOT FOUND IN LIBRARY ['fn ft fm'|libname]'
DMSLOS013E MEMBER 'name' NOT FOUND IN LIBRARY ['fn ft fm'|libname]'
DMSNCP013E MEMBER 'name' NOT FOUND IN LIBRARY ['fn ft fm'|libname]'
DMSPT013E MEMBER 'name' NOT FOUND IN LIBRARY ['fn ft fm'|libname]'
DMSPT013E MEMBER 'name' NOT FOUND IN LIBRARY ['fn ft fm'|libname]'
DMSSTYP013E MEMBER 'name' NOT FOUND IN LIBRARY ['fn ft fm'|libname]'
DMSWNT637E MISSING {VALUE|'value'} FOR THE {'option' OPTION|'operand' OPERAND}
DMSNXI589E MISSING FILEDEF DDNAME ddname
DMSXDS589E MISSING FILEDEF FOR DDNAME SYSIN
DMSWSF637E MISSING NODEID FOR THE 'AT' OPERAND
DMSWTL637E MISSING NODEID FOR THE 'AT' OPERAND
DMSALT545E MISSING OPERAND(S)
DMSHEL545E MISSING OPERAND(S)
DMSMOD545E MISSING OPERAND(S)
DMSSCH545E MISSING OPERAND(S)
DMSXCT545E MISSING OPERAND(S)
DMSXDC545E MISSING OPERAND(S)
DMSXMC545E MISSING OPERAND(S)
DMSXSE545E MISSING OPERAND(S)
DMSWDC652E MISSING OPERAND(S). ENTER EXECUTE [n] DISCARD
DMSUPD179E MISSING OR DUPLICATE 'MACS' CARD IN CONTROL FILE 'fn ft fm'
DMSXUP179E MISSING OR DUPLICATE 'MACS' CARD IN CONTROL FILE 'fn ft fm'
DMSUPD180W MISSING PTF FILE 'fn ft fm'
DMSXUP180W MISSING PTF FILE 'fn ft fm'
DMSWRC637E MISSING VALUE FOR THE ['NOTEBOOK'|'SPOOLID'] OPTION
DMSNAM637E MISSING VALUE FOR THE 'option' OPTION
DMSWFL637E MISSING VALUE FOR THE PROFILE|FROM|FOR OPTION
DMSWDF637E MISSING VALUE FOR THE PROFILE|FROM|FOR|NOTEBOOK OPTION
DMSACC723I mode vaddr {R/O|R/W} [-OS|-DOS]
DMSNXL619E MODULE 'module name' NOT FOUND
DMSLIO623S MODULE CANNOT BE LOADED AT LOCATION 'location' BECAUSE IT
WOULD OVERLAY THE CMS MODULE
DMSLNL350E MODULE IS MARKED NOT EXECUTABLE
DMSLNL351E MODULE IS MARKED ONLY LOADABLE
DMSARX052E MORE THAN 100 CHARS OF OPTIONS SPECIFIED
DMSASM052E MORE THAN 100 CHARS OF OPTIONS SPECIFIED
DMSIFC831E MORE THAN 100 CHARS OF OPTIONS SPECIFIED
DMSOSR052E MORE THAN 100 CHARS OF OPTIONS SPECIFIED
DMSGLB108S MORE THAN 8 LIBRARIES SPECIFIED
DMSDOS093E MVCOM MACRO ATTEMPT TO ALTER OTHER THAN POSITION 12-23 OF COMREG

DMSXCT540E NAME ALREADY DEFINED ON LINE 'nn'
DMSXCT539E NAMED LINE NOT FOUND
DMSXSE530I nn FILE(S) IN STORAGE

DMSXCG504E nn LINE(S) {TRUNCATED|SPILLED}
DMSXCG593E nn LINE(S) MERGED nn LINE(S) {TRUNCATED|SPILLED}
DMSXCG506I nn LINES {MOVED|COPIED|MERGED}
DMSXCG501I nn LINES DELETED
DMSXCG517I nn OCCURRENCE(S) CHANGED ON nn LINE(S)
DMSXCG518E nn OCCURRENCE(S) CHANGED ON nn LINE(S); nn LINE (S) TRUNCATED
DMSXCG522I nn OCCURRENCES
DMSABN149T nnn (HEX xxx) DOUBLEWORDS OF SYSTEM STORAGE HAVE BEEN DESTROYED. RE-IPL CMS
DMSABN150W nnn (HEX xxx) DOUBLEWORDS OF SYSTEM STORAGE WERE NOT RECOVERED .
DMSSET333E nnnnnK PARTITION TOO LARGE FOR THIS VIRTUAL MACHINE
DMSSCH569E NO 'CHANGE' OR 'CLOCATE' SUBCOMMAND SPECIFIED
DMSCMP005E NO 'option' SPECIFIED
DMSDLB005E NO 'option' SPECIFIED
DMSFOR005E NO 'option' SPECIFIED
DMSLIO005E NO 'option' SPECIFIED
DMSLKD005E NO 'option' SPECIFIED
DMSMOD005E NO 'option' SPECIFIED
DMSQRY005E NO 'option' SPECIFIED
DMSTYP005E NO 'option' SPECIFIED
DMSPRV097E NO 'SYSRES' VOLUME ACTIVE
DMSRRV097E NO 'SYSRES' VOLUME ACTIVE
DMSSRV097E NO 'SYSRES' VOLUME ACTIVE
DMSWPK643E NO {COMMAND|OPTIONS} SPECIFIED
DMSARE028E NO {DEVICE|LOGICAL UNIT} SPECIFIED
DMSASN028E NO {DEVICE|LOGICAL UNIT} SPECIFIED
DMSFOR028E NO {DEVICE|LOGICAL UNIT} SPECIFIED
DMSDSL098E NO {PHASE|PROCEDURE} NAME SPECIFIED
DMSFET098E NO {PHASE|PROCEDURE} NAME SPECIFIED
DMSPRV098E NO {PHASE|PROCEDURE} NAME SPECIFIED
DMSRRV098E NO {PHASE|PROCEDURE} NAME SPECIFIED
DMSSRV098E NO {PHASE|PROCEDURE} NAME SPECIFIED
DMSDSV028W NO {PRIVATE|SYSTEM} TRANSIENT DIRECTORY ENTRIES
DMSCPY063E NO [SORT|TRANSLATION|SPECIFICATION] LIST {ENTERED|GIVEN}
DMSRRT063E NO [SORT|TRANSLATION|SPECIFICATION] LIST {ENTERED|GIVEN}
DMSBTB100E NO BATCH PROCESSOR AVAILABLE
DMSWPK643E NO CLASS 'class' FILES IN YOUR READER
DMSWRC643E NO CLASS 'class' FILES IN YOUR READER
DMSOPL158E NO CMS/DOS PROCEDURE LIBRARY SUPPORT
DMSDSV022W NO CORE IMAGE DIRECTORY
DMSLDS226E NO DATA SET NAME ALLOWED WITH FREE OPTION
DMSAMS228E NO DDNAME ENTERED
DMSGND022E NO DIRECTORY NAME SPECIFIED
DMSRPT039E NO ENTRIES IN LIBRARY 'fn ft fm'
DMSRPT039E NO ENTRIES IN LIBRARY 'fn ft fm'
DMSRPT039E NO ENTRIES IN LIBRARY 'fn ft fm'
DMSUTL039E NO ENTRIES IN LIBRARY 'fn ft fm'
DMSNAM635I NO ENTRIES WERE FOUND THAT MATCHED YOUR SEARCH CRITERIA
DMSLIO055E NO ENTRY POINT DEFINED
DMSCPY042E NO FILEID(S) SPECIFIED
DMSRDC042E NO FILEID(S) SPECIFIED
DMSRSV042E NO FILEID(S) SPECIFIED
DMSTPE042E NO FILEID(S) SPECIFIED
DMSUTL042E NO FILEID(S) SPECIFIED
DMSLDS223E NO FILEMODE SPECIFIED
DMSAMS001E NO FILENAME SPECIFIED
DMSARN001E NO FILENAME SPECIFIED
DMSARX001E NO FILENAME SPECIFIED
DMSASM001E NO FILENAME SPECIFIED
DMSDLB001E NO FILENAME SPECIFIED
DMSDLK001E NO FILENAME SPECIFIED
DMSERV001E NO FILENAME SPECIFIED
DMSEXC001E NO FILENAME SPECIFIED
DMSICP001E NO FILENAME SPECIFIED
DMSIMA001E NO FILENAME SPECIFIED

DMSLBM001E NO FILENAME SPECIFIED
DMSLBT001E NO FILENAME SPECIFIED
DMSLIO001E NO FILENAME SPECIFIED
DMSLKD001E NO FILENAME SPECIFIED
DMSMDP001E NO FILENAME SPECIFIED
DMSMOD001E NO FILENAME SPECIFIED
DMSNCP001E NO FILENAME SPECIFIED
DMSNXL001E NO FILENAME SPECIFIED
DMSPRE001E NO FILENAME SPECIFIED
DMSRUN001E NO FILENAME SPECIFIED
DMSTMA001E NO FILENAME SPECIFIED
DMSUPD001E NO FILENAME SPECIFIED
DMSZAP001E NO FILENAME SPECIFIED
DMSMOD040E NO FILES LOADED
DMSDLB023E NO FILETYPE SPECIFIED
DMSFLD023E NO FILETYPE SPECIFIED
DMSIFC023E NO FILETYPE SPECIFIED
DMSTPE023E NO FILETYPE SPECIFIED
DMSFLD699E NO FILETYPE SPECIFIED OR 'vaddr' IS AN INVALID DISK ADDRESS
DMSLDS233I NO FREE SPACE AVAILABLE ON 'fm' DISK
DMSRUN999E NO ft MODULE FOUND
DMSRUN999E NO ft PROCESSOR FOUND
DMSDSK047E NO FUNCTION SPECIFIED
DMSDSL047E NO FUNCTION SPECIFIED
DMSDSV047E NO FUNCTION SPECIFIED
DMSGLB047E NO FUNCTION SPECIFIED
MSGLO047E NO FUNCTION SPECIFIED
DMSIMA047E NO FUNCTION SPECIFIED
DMSIMM047E NO FUNCTION SPECIFIED
DMSLBM047E NO FUNCTION SPECIFIED
DMSLBT047E NO FUNCTION SPECIFIED
DMSOVR047E NO FUNCTION SPECIFIED
DMSQRY047E NO FUNCTION SPECIFIED
DMSSET047E NO FUNCTION SPECIFIED
DMSTPE047E NO FUNCTION SPECIFIED
DMSUTL047E NO FUNCTION SPECIFIED
DMSVMF047E NO FUNCTION SPECIFIED
DMSZAP047E NO FUNCTION SPECIFIED
DMSIMM261E NO IMMEDIATE COMMAND NAME WAS SPECIFIED
DMSBTP105E NO JOB CARD PROVIDED
DMSDSL046E NO LIBRARY NAME SPECIFIED
DMSIMA046E NO LIBRARY NAME SPECIFIED
DMSLBM046E NO LIBRARY NAME SPECIFIED
DMSLBT046E NO LIBRARY NAME SPECIFIED
DMSXCG502W NO LINE TO RECOVER
DMSJOI585E NO LINE(S) CHANGED
DMS SPL585E NO LINE(S) CHANGED
DMSXSU585E NO LINE(S) CHANGED
DMSXGT562E NO LINE(S) SAVED BY PUT(D) SUBCOMMAND
DMSMDP018E NO LOAD MAP AVAILABLE
DMSZAP246W NO LOADER TABLE PRESENT FOR MODULE 'fn' - SET NO GO SWITCH
DMSLDS229I NO MEMBERS FOUND
DMSXFC557S NO MORE STORAGE TO INSERT LINES
DMSXSE538E NO NAME DEFINED
DMSWSF675E NO NAMES SPECIFIED
DMSWNT670E NO NAMES TO BE ADDED WERE SPECIFIED
DMSNXD624W NO NUCLEUS EXTENSIONS ARE LOADED
DMSNXN624I NO NUCLEUS EXTENSIONS ARE LOADED
DMSDSV027W NO PRIVATE CORE IMAGE LIBRARY
DMSFCH016E NO PRIVATE CORE IMAGE LIBRARY FOUND
DMSDSV024W NO PROCEDURE DIRECTORY
DMSAMS006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSARN006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']

DMSARX006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSASM006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSCMS006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSDLK006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSERV006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSGEN006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSLKD006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSLLU006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSPRV006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSQRS006E NO READ|WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSRRV006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSRRV006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSVMF006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSWNT006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSWRC006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSWSF006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMSICP006E NO READ/WRITE DISK ACCESSED
DMSCPY173E NO RECORDS WERE COPIED TO OUTPUT FILE 'fn ft fm'
DMSDSV023W NO RELOCATABLE DIRECTORY
DMSXMS063E NO SORT LIST GIVEN
DMSDSV025W NO SOURCE STATEMENT DIRECTORY
DMSXCT554S NO STORAGE AVAILABLE
DMSXDC554S NO STORAGE AVAILABLE
DMSXED554S NO STORAGE AVAILABLE
DMSXFD554S NO STORAGE AVAILABLE
DMSXIN554S NO STORAGE AVAILABLE
DMSXMS554S NO STORAGE AVAILABLE
DMSXPT554S NO STORAGE AVAILABLE
DMSXSE554S NO STORAGE AVAILABLE
DMSXDC542E NO SUCH SUBCOMMAND: name
DMSXSE552E NO SYNONYM CURRENTLY DEFINED
DMSSYN712I NO SYNONYMS. (DMSINA NOT IN NUCLEUS)
DMSSYN711I NO SYSTEM SYNONYMS IN EFFECT
DMSBOP302E NO SYSxxx OPERAND {ENTERED|SPECIFIED}
DMSDLB302E NO SYSxxx OPERAND {ENTERED|SPECIFIED}
DMSLLU303E NO SYSxxx SATISFIES REQUEST
DMSDSV021W NO TRANSIENT DIRECTORY
DMSSET061E NO TRANSLATION CHARACTER SPECIFIED
DMSUPD181E NO UPDATE FILES WERE FOUND
DMSDLB324I NO USER DEFINED DLBL IN EFFECT
DMSFLD324I NO USER DEFINED FILEDEF's IN EFFECT
DMSLBD324I NO USER DEFINED LABELDEF's IN EFFECT
DMSQRU324I NO USER DEFINED {DLBL|FILEDEF|LABELDEF}'s IN EFFECT
DMSQRX324I NO USER DEFINED {DLBL|FILEDEF|LABELDEF}'s IN EFFECT
DMSNAM634E NO VALUE TO SEARCH FOR WAS SPECIFIED
DMSERR215T NO VIRTUAL CONSOLE ATTACHED. RE-IPL CMS
DMSVIP230E NO. OF VSAM EXIT ROUTINES HAS EXCEEDED MAX OF 128 - UNABLE TO CONTINUE
DMSXSE524W NONDISP CHARACTER RESET TO ' '
DMSXFD560W NOT ENOUGH SPACE FOR SERIALIZATION BETWEEN TRUNC AND LRECL
DMSXSE560W NOT ENOUGH SPACE FOR SERIALIZATION BETWEEN TRUNC AND LRECL
DMSXCG505E NOT EXECUTED: THE TARGET LINE (nn) IS WITHIN THE LINES TO {MOVE|COPY}
DMSSCH586E NOT FOUND {ON SCREEN}
DMSSPL586E NOT FOUND
DMSXSU586E NOT FOUND
DMSFLD420E NSL EXIT FILENAME MISSING OR INVALID
DMSTMA420E NSL EXIT FILENAME MISSING OR INVALID
DMSTPD420E NSL EXIT FILENAME MISSING OR INVALID
DMSEIO618E NUCEXT FAILED
DMSGLO618E NUCEXT FAILED
DMSNAM618E NUCEXT FAILED
DMSNXL618E NUCEXT FAILED
DMSQRY618E NUXEXT FAILED
DMSINI609R NUCLEUS {CYL|BLK} ADDRESS = nnn
DMSINI083E NUCLEUS {CYL|BLK} SPECIFICATION UNACCEPTABLE, ERROR 'X'

DMSRDC701I NULL FILE
DMSTPE701I NULL FILE
DMSXCT536E NUMBER OF LINES EXCEEDS PHYSICAL SCREEN SIZE
DMSLBT106S NUMBER OF MEMBER NAMES EXCEEDS MAX 'nnnn'. FILE 'fn ft' NOT ADDED
DMSCPY103S NUMBER OF SPECS EXCEEDS MAX 20

DMSWV800E ONE OF THE FILES NEEDED FOR MACLIB GENERATION IS MISSING.
DMSVGN365R ONE OR MORE OF THE TEXT FILES LISTED IN THE fn EXEC ARE MISSING. THE VSAM
PP PID TAPE SHOULD BE ON TAPE DRIVE 181, Enter: 'GO' IF TAPE DRIVE IS READY
TO LOADFILE OR 'QUIT' to STOP GENERATION PROCESS
DMS SOP036E OPEN ERROR CODE 'nn' ON 'ddname'
DMSVIP778E OPEN ERROR ON ddname: POSSIBLE VOLUME ERROR. SEE VSE/VSAM
DOCUMENTATION FOR OPEN ERROR CODE code
DMSVIP779E OPEN ERROR ON ddname: POSSIBLE USER PROGRAMMING ERROR.
SEE VSE/VSAM DOCUMENTATION FOR OPEN ERROR CODE code
DMSVIP780E OPEN ERROR ON ddname: POSSIBLE DLBL/EXTENT ERROR.
SEE VSE/VSAM DOCUMENTATION FOR OPEN ERROR CODE code
DMSVIP781E OPEN ERROR ON ddname: POSSIBLE CATALOG ERROR.
SEE VSE/VSAM DOCUMENTATION FOR OPEN ERROR CODE code
DMSVIP782E OPEN ERROR ON ddname: POSSIBLE SYSTEM ERROR.
SEE VSE/VSAM DOCUMENTATION FOR OPEN ERROR CODE code
DMSXDS591E OPEN ERROR ON SYSIN
DMSJOI562E OPTION 'CURSOR' VALID IN DISPLAY MODE ONLY
DMSSPL562E OPTION 'CURSOR' VALID IN DISPLAY MODE ONLY
DMSWEX562E OPTION 'CURSOR' VALID IN DISPLAY MODE ONLY
DMSXCT526E OPTION 'option' VALID IN DISPLAY MODE ONLY
DMSXSE526E OPTION 'option' VALID IN DISPLAY MODE ONLY
DMSUPD187E OPTION 'STK' INVALID WITHOUT 'CTL'
DMSACC230W OS DISK - FILEID AND/OR OPTIONS SPECIFIED ARE IGNORED

DMSASN050E PARAMETER MISSING AFTER {DDNAME|SYSxxx|function}
DMSDLB050E PARAMETER MISSING AFTER {DDNAME|SYSxxx|function}
DMSFLD050E PARAMETER MISSING AFTER {DDNAME|SYSxxx|function}
DMSNXD050E PARAMETER MISSING AFTER {DDNAME|SYSxxx|function}
DMSSET050E PARAMETER MISSING AFTER {DDNAME|SYSxxx|function}
DMSZAP191W PATCH OVERLAPS - SET NO GO SWITCH
DMSMVE225I PDS MEMBER 'membername' MOVED
DMSRSV909E PERM I/O ERROR ON 'vaddr'. CSW ccccccc SENSE ssssssss
DMSFNS909T PERM I/O ERROR ON 'vaddr'. CSW ccccccc ccccccc SENSE ssssssss ssssssss
ssssssss ssssssss ssssssss ssssssss.
DMSCRD171T PERMANENT CONSOLE ERROR RE-IPL CMS.
DMSCWR171T PERMANENT CONSOLE ERROR RE-IPL CMS.
DMSCIT171T PERMANENT CONSOLE ERROR, RE-IPL CMS
DMSFOR125S PERMANENT UNIT CHECK ON DISK 'mode vaddr'
DMSFET710I PHASE 'phase' ENTRY POINT AT LOCATION XXXXXX
DMSFCH623S PHASE CANNOT BE LOADED AT LOCATION 'location' BECAUSE IT WOULD
OVERLAY THE CMS NUCLEUS
DMSFET623S PHASE CANNOT BE LOADED AT LOCATION 'location' BECAUSE IT WOULD
OVERLAY THE CMS NUCLEUS
DMSFCH115E PHASE LOAD POINT LESS THAN 'address'
DMSZAP193W PRECEDING CONTROL RECORD FLUSHED
DMSPSH661E PREFIX 'name' IS INVALID FOR THE LINE ON WHICH IT WAS ENTERED
DMPSW661E PREFIX 'name' IS INVALID FOR THE LINE ON WHICH IT WAS ENTERED
DMSPPX661E PREFIX 'name' IS INVALID FOR THE LINE ON WHICH IT WAS ENTERED
DMSXPX661E PREFIX 'name' IS INVALID FOR THE LINE ON WHICH IT WAS ENTERED
DMSXSU588E PREFIX SUBCOMMAND WAITING...
DMSPRE238E PRELOADER PROCESSING ERROR
DMSCMP010E PREMATURE EOF ON FILE 'fn ft [fm]'
DMSTPE010E PREMATURE EOF ON FILE ('fn ft [fm]|NUMBER 'nn')
DMSUPD010W PREMATURE EOF ON FILE 'fn ft fm' -- SEQ NUMBER '.....' NOT FOUND
DMSLBM167S PREVIOUS MACLIB FUNCTION NOT FINISHED
DMSSTT227I PROCESSING VOLUME 'no' IN DATA SET 'data set name'
DMSPOP709E PROPCHK NOT SPECIFIED IN RTABLE FOR NODE 'nodeid'

DMSPOR709E PROPCHK NOT SPECIFIED IN RTABLE FOR NODE 'nodeid'
DMSSPR199E PRT 'OOE' NOT A VIRTUAL 3800
DMSSPR196I PRT raddr SETUP COMPLETE
DMSLIO206W PSEUDO REGISTER ALIGNMENT ERROR
DMSLIO168S PSEUDO REGISTER TABLE OVERFLOW
DMSWSF674E PUNCH IS NOT READY
DMSXPT580W PUT NOT EXECUTED.

DMSDSK205W READER EMPTY OR NOT READY
DMSRDC205W READER EMPTY OR NOT READY
DMSDSK496S READER FILE ALTERED TO DISK LOAD AS: 'fn ft fm'. DISK LOAD STOPPED!
FILE HAS BEEN IN YOUR READER

DMSWPK674E READER IS NOT READY
DMSWRC674E READER IS NOT READY
DMSXSE515E RECFM MUST BE {F|V|FP|VP}
DMSEDI044E RECORD LENGTH EXCEEDS ALLOWABLE MAXIMUM
DMSPRTO44E RECORD LENGTH EXCEEDS ALLOWABLE MAXIMUM
DMSPUN044E RECORD LENGTH EXCEEDS ALLOWABLE MAXIMUM
DMSRDC738I RECORD LENGTH IS 'nnn' BYTES
DMSXGT563W RECORDS {TRUNCATED|SPILLED}
DMSXPT579E RECORDS TRUNCATED TO nn WHEN ADDED TO 'fn ft fm'
DMSEDI144S REQUESTED FILE IS IN ACTIVE STATUS
DMSPOR627E RESULT IS 'nnnn' BYTES TOO LARGE FOR CP COMMAND BUFFER
DMSXCM514E RETURN CODE 'nn' FROM 'command'
DMSNAM633E RETURNED VALUES WERE TRUNCATED
DMSINI607R REWRITE THE NUCLEUS? {YES|NO}
DMSITS140T routine ROUTINE CALLED FROM addr DID DMSKEY WITH NO RESET
DMSPOP620E RTABLE ERROR ON LINE 'nnn' - {NON-NUMERIC VALUE SPECIFIED|INCORRECT NUMBER
OF PARAMETERS|MISALIGNED FIELD|INVALID PROP USERID}

DMSITS154T SAVE AREA FOR SVC CALL FROM addr CANNOT BE ALLOCATED
DMSDOS091E SAVEAREA ADDRESS IN PARTITION PIB NOT EQUIVALENT TO LTA SAVEAREA ADDRESS
DMSSET142S SAVED SYSTEM NAME 'name' INVALID
DMSXPO614E SCREEN MODIFICATIONS LOST? 'SET FULLREAD ON' TO USE PAKEYS SAFELY
DMSXSC614E SCREEN MODIFICATIONS LOST? 'SET FULLREAD ON' TO USE PAKEYS SAFELY
DMSDSK078W SEQUENCE ERROR DETECTED LOADING 'fn ft' EXPECTED '.....' FOUND '.....'
DMSUPD174W SEQUENCE ERROR INTRODUCED IN OUTPUT FILE: '.....' TO '.....'
DMSXUP174W SEQUENCE ERROR INTRODUCED IN OUTPUT FILE: '.....' TO '.....'
DMSUPD182W SEQUENCE INCREMENT IS ZERO
DMSUPD186W SEQUENCE NUMBER ['.....'] NOT FOUND
DMSXUP186W SEQUENCE NUMBER ['.....'] NOT FOUND
DMSUPD176W SEQUENCING OVERFLOW FOLLOWING SEQ NUMBER '.....'
DMSGLO631I SETL/SETLP/SETLS CAN ONLY BE EXECUTED FROM AN EXEC 2 EXEC OR AS A COMMAND
DMSSPR198E SETPRT CAUSED A LOAD CHECK - SNS=ssssssss
DMSARN012W SEVERE ERROR MESSAGES ISSUED
DMSLKD012W SEVERE ERROR MESSAGES ISSUED
DMSINS100W SHARED {SSTAT|YSTAT} NOT AVAILABLE
DMSSET100W SHARED {SSTAT|YSTAT} NOT AVAILABLE
DMSIMM262E SPECIFIED IMMEDIATE COMMAND NOT FOUND
DMSIMM263E SPECIFIED IMMEDIATE COMMAND IS A NUCLEUS EXTENSION AND CANNOT
BE CLEARED

DMSIFC832S SOFTWARE INCOMPATIBILITY AT THE CPERP-EREP INTERFACE. CODE=nnn
DMSWPK655E SPOOLID 'nnnn' DOES NOT EXIST
DMSWRC655E SPOOLID 'nnnn' DOES NOT EXIST
DMSBOP413S STORAGE NOT INITIALIZED FOR VSAM PROCESSING
DMSLDF413S STORAGE NOT INITIALIZED FOR VSAM PROCESSING
DMSSCH551I STRING 'string' FOUND. --- PFnn SET FOR SELECTIVE CHANGE
DMSXCG511E STRING2 CONTAINS MORE ARBITRARY CHARACTERS THAN STRING1
DMSDOS092E STXIT SAVEAREA ADDRESS INVALID
DMSMOD529E SUBCOMMAND IS ONLY VALID IN {DISPLAY|EDITING} MODE
DMSPOW529E SUBCOMMAND IS ONLY VALID IN {DISPLAY|EDITING} MODE
DMSSCH529E SUBCOMMAND IS ONLY VALID IN {DISPLAY|EDITING} MODE
DMSXCT529E SUBCOMMAND IS ONLY VALID IN {DISPLAY|EDITING} MODE

DMSXMD529E SUBCOMMAND IS ONLY VALID IN {DISPLAY|EDITING} MODE
DMSXML529E SUBCOMMAND IS ONLY VALID IN {DISPLAY|EDITING} MODE
DMSITS136T SVC CALL FROM addr ILLEGALLY RE-ENTERS INTSVC. RE-IPL CMS
DMSPSH686E SYNONYM 'name' NOT RECOGNIZED BY PREFIX MACRO 'macroname'
DMSPPX686E SYNONYM 'name' NOT RECOGNIZED BY PREFIX MACRO 'macroname'
DMSXDC549E SYNONYM ABBREVIATION TOO LARGE
DMSXDC547E SYNONYM DEFINITION INCOMPLETE
DMSVGN363I sysname DOSLIB CREATED ON DISK 'A'
DMSBOP400S SYSTEM 'sysname' DOES NOT EXIST
DMSSET400S SYSTEM 'sysname' DOES NOT EXIST
DMSSSK400S SYSTEM 'sysname' DOES NOT EXIST
DMSVIB400S SYSTEM 'sysname' DOES NOT EXIST
DMSABN148T SYSTEM ABEND xxx CALLED FROM 'addr'
DMSPOQ148T SYSTEM ABEND xxx CALLED FROM 'addr'
DMSABN152T SYSTEM ABEND xxx CALLED FROM addr WHILE 'UFDBUSY' = xx. RE-IPL CMS
DMSINI606R SYSTEM DISK ADDRESS = addr
DMSSSK365E SYSTEM NAME NOT SPECIFIED
DMSVGN365I SYSTEM sysname SAVED
DMSDLB306E SYSxxx NOT ASSIGNED FOR 'IGNORE'

DMSTMA139S TAPE FILE EXCEEDS 9 CMS MACLIBS
DMSXDC546E TARGET NOT FOUND
DMSXFD698E TARGET STRING TOO LONG, UNABLE TO PARSE THE ENTIRE TARGET STRING
DMSTPD707I TEN FILES COPIED
DMSMVE706I TERM INPUT -- TYPE NULL LINE FOR END OF DATA
DMSARN016W TERMINAL ERROR MESSAGES ISSUED
DMSLKD016W TERMINAL ERROR MESSAGES ISSUED
DMSXIO572E TERMINAL ERROR. FORCED CASE UPPERCASE
DMSWNT688E THE 'ADD' OPTION MUST BE SPECIFIED ALONE
DMSFLE495E THE 'module1' MODULE CAN ONLY BE EXECUTED BY THE 'module2' MODULE,
IT CANNOT BE EXECUTED BY ITSELF
DMSWPK683E THE ENTIRE FILE MUST BE PEEKED AT TO BE REFORMATTED
DMSWPK683W THE FILE HAS AN LRECL GREATER THAN 255 AND CANNOT BE REFORMATTED
DMSLIO201W THE FOLLOWING NAMES ARE UNDEFINED:
DMSWVV791I THE LIBRARY NAME WILL BE "libname." PRESS "ENTER" TO CONTINUE,
ELSE ENTER "QUIT" OR THE NAME WILL BE USED FOR THE LIBRARY
DMSXCT697E THE LOGICAL SCREENS MUST COVER THE FULL PHYSICAL SCREEN WIDTH
DMSWNM660E THE NICKNAME FIELD MUST BE FILLED IN
DMSWNM645W THE USER TAG NAME 'tagname' IS TOO LONG TO DISPLAY IN THE PANEL
DMSWNM660E THE VALUE FOR THE 'tag' TAG IS TOO LONG TO DISPLAY IN THE PANEL
DMSWVV798R THE VSE/VSAM OPTIONAL SOURCE STATEMENT LIBRARY TAPE MUST BE
MOUNTED AS VIRTUAL 181. IF IT IS NOT, ENTER "QUIT" HERE AND HAVE THE
TAPE MOUNTED. ELSE PRESS "ENTER" TO CONTINUE
DMSWNM663W THERE {IS|ARE} nn UNDISPLAYED TAG(S)
DMSWRC681E THIS IS AN UNNAMED FILE. SPECIFY FILENAME AND FILETYPE
DMSWPK687E THIS IS A SYSTEM {HELP|DUMP} FILE. THIS FILE CANNOT BE {PEEKED
AT|RECEIVED}

DMSXMS596S THIS MODULE MUST BE CALLED WITHIN THE EDITOR
DMSXPO596S THIS MODULE MUST BE CALLED WITHIN THE EDITOR
DMSCPY172E TO LABEL 'label' {EQUALS|IS AN INITIAL SUBSTRING OF} FRLABEL 'label'
DMSXSU584I TOF:
DMSCPY102S TOO MANY FILEIDS
DMSXCT534E TOO MANY LOGICAL SCREENS DEFINED
DMSXDC550E TOO MANY OPERANDS IN SYNONYM DEFINITION
DMSNAM663E TOO MANY TAGS WERE ENCOUNTERED. MAXIMUM IS 64 PER LINE
DMSSPR204E TOO MANY WCGM'S NEEDED FOR 'CHARS'
DMSXMC576E TOTAL VERIFY WIDTH EXCEEDS SCREEN SIZE (nn)
DMSJOI503E {TRUNCATED|SPILLED}
DMSXCG503E {TRUNCATED|SPILLED}
DMSXMD503E {TRUNCATED|SPILLED}
DMSXCT523I TYPEWRITER MODE

DMSXUP598S UNABLE TO BUILD UPDATE FILE : INTERNAL LIST DESTROYED
DMSXUP599S UNABLE TO BUILD UPDATE FILE : SERIALIZATION DESTROYED
DMSAMS136S UNABLE TO LOAD 'IDCMAS'
DMSEDI143S UNABLE TO LOAD SAVED SYSTEM OR LOAD MODULE ['ERROR CODE = nn']
DMSEDI143S UNABLE TO LOAD SAVED SYSTEM OR LOAD MODULE ['ERROR CODE = nn']
DMSEDI143S UNABLE TO LOAD SAVED SYSTEM OR LOAD MODULE ['ERROR CODE = nn']
DMSXUP597E UNABLE TO MERGE UPDATES CONTAINING './ S' CARDS
DMSLOS073E UNABLE TO OPEN FILE ddname
DMSMVE073E UNABLE TO OPEN FILE ddname
DMSUTL073E UNABLE TO OPEN FILE ddname
DMSXIN500E UNABLE TO UNPACK FILE 'fn ft fm'
DMSXER556S UNDEFINED MESSAGE (DMSXER CALLED AT hex loc)
DMSWNM657E UNDEFINED PFKEY/PAKEY
DMSWSF657E UNDEFINED PFKEY/PAKEY
DMSSPR197S UNDIAGNOSED ERROR FROM PRINTER 'OOE'
DMSCPY901T UNEXPECTED ERROR AT 'addr': PLIST 'plist fn ft fm' AT addr, BASE addr, RC nn
DMSUTL901T UNEXPECTED ERROR AT 'addr': PLIST 'plist fn ft fm' AT addr, BASE addr, RC nn
DMSCVH161S UNEXPECTED ERROR CODE 'nn' ON 'SYSxxx'
DMSLDF161S UNEXPECTED ERROR CODE 'nn' ON 'SYSxxx'
DMSXCP161S UNEXPECTED ERROR CODE 'nn' ON 'SYSxxx'
DMSFRE166T UNEXPECTED ERROR IN FREE STORAGE MANAGEMENT ROUTINE (INTERNAL ERROR CODE nn).
RE-IPL CMS
DMSCPY904T UNEXPECTED UNPACK ERROR AT 'addr', BASE 'addr'
DMSPOR513E UNKNOWN CP/CMS COMMAND
DMSXCM513E UNKNOWN CP/CMS COMMAND
DMSPRE236E UNRESOLVED EXTERNAL REFERENCE(S) ENCOUNTERED
DMSMVE127S UNSUPPORTED DEVICE FOR ddname
DMSBOP088E UNSUPPORTED DTF TYPE 'dtftype'
DMSCLS088E UNSUPPORTED DTF TYPE 'dtftype'
DMSPPD088E UNSUPPORTED DTF TYPE 'dtftype'
DMSDOS119S UNSUPPORTED FORM OF {'macro'|'parm'}{MACRO|SVC}
DMSSTT119S UNSUPPORTED FORM OF {'macro'|'parm'}{MACRO|SVC}
DMSLIC096S UNSUPPORTED FUNCTION IN A LIOCS ROUTINE
DMSSTT229E UNSUPPORTED OS DATA SET, [ERROR 'code']
DMSXSU229E UNSUPPORTED OS DATA SET, [ERROR 'code']
DMSGMF121S UNSUPPORTED SVC svc (HEX xx) CALLED FROM addr
DMSSTT121S UNSUPPORTED SVC svc (HEX xx) CALLED FROM addr
DMSITS134S UNSUPPORTED SVC 203 CODE nn CALLED FROM addr
DMSNCP045E UNSUPPORTED 370X CONTROL PROGRAM TYPE
DMSXUP570W UPDATE 'updname' SPECIFIED IN THE 'UNTIL' OPTION FIELD NOT FOUND
DMSUPD304I UPDATE PROCESSING WILL BE DONE USING DISK
DMSOP036W UPDATE REQUESTED FOR READ-ONLY DISK
DMSUPD178I UPDATING 'fn ft fm' APPLYING 'fn ft fm' [APPLYING 'fn ft fm']
DMSXUP178I UPDATING ['fn ft fm'] WITH 'fn ft fm'
DMSXCG509W USE GET AND/OR PUT(D) TO MOVE LINES IN UPDATE MODE
DMSABN155T USER ABEND nnnn CALLED FROM addr
DMSSTT228I USER LABELS BYPASSED ON DATA SET 'data set name'
DMSWTL499E USER NOT AUTHORIZED TO ISSUE 'command' COMMAND
DMSWNT648E USERID 'name' NOT FOUND. CHECK THE 'userid NAMES' FILE
DMSWSF648E USERID 'name' NOT FOUND. NO FILES HAVE BEEN SENT
DMSWTL648E USERID 'name' NOT FOUND. NO MESSAGES HAVE BEEN SENT
DMSWNT647E USERID NOT SPECIFIED FOR 'nickname' IN 'userid NAMES' FILE
DMSWSF647E USERID NOT SPECIFIED FOR 'nickname' IN 'userid NAMES' FILE

DMSHLP252E VALID OPTIONS ARE: DESC FORM PARM ALL
DMSZAP200W VERIFY REJECT - SET NO GO SWITCH
DMSINI611R VERSION IDENTIFICATION =
DMSINI260T VIRTUAL MACHINE SIZE TOO SMALL TO IPL NON-SHARED COPY OF CMS
DMSWSF672E VIRTUAL PUNCH INVALID OR NOT DEFINED
DMSWPK672E VIRTUAL READER INVALID OR NOT DEFINED
DMSWRC672E VIRTUAL READER INVALID OR NOT DEFINED
DMSACC109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSAMS109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSBWR109S VIRTUAL STORAGE CAPACITY EXCEEDED

DMSCMP109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSDLB109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSERS109T VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSFCH109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSFNS109T VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSHLP109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSIMM109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSLBM109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSLIO109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSMOD109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSNCP109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSOVR109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSPRE109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSQRS109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSQRT109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSQRU109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSQRV109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSQRW109T VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSQRX109T VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSQRY109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSRSV109T VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSSMN109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSSOP109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSSTG109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSTMA109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSTPD109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSTPE109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSVIB109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSVIP109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSVMF109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSVPD109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSXBG109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSGAM952E VIRTUAL STORAGE SIZE TOO LARGE FOR 'CMMSGAM' SHARED SEGMENT TO LOAD AT nnnnnn
 DMSPRE162T VITAL FREE STORAGE POINTERS DESTROYED (INTERNAL ERROR CODE nn), RE-IPL CMS
 DMSBOP401S VM SIZE (size) CANNOT EXCEED 'sysname' START ADDRESS (address)
 DMSLDF401S VM SIZE (size) CANNOT EXCEED 'sysname' START ADDRESS (address)
 DMSSET401S VM SIZE (size) CANNOT EXCEED 'sysname' START ADDRESS (address)
 DMSVIB401S VM SIZE (size) CANNOT EXCEED 'sysname' START ADDRESS (address)
 DMSSSK364E VM STORAGE NOT LARGE ENOUGH TO CONTAIN SYSTEM LOADING AT startadr to endadr
 DMSSET444E VOLUME 'label' IS NOT A DOS SYSRES
 DMSCCK806S VSE/VSAM PHASE "IKQVCHK" NOT FOUND

DMSWNM660W WARNING: THIS ENTRY DUPLICATES AN EXISTING NICKNAME

DMSWNM660W WARNING: THIS ENTRY DUPLICATES AN EXISTING NICKNAME

DMSWPK684W WARNING: THIS FILE HAS NO RECORDS

DMSXFD559W WARNING FILE IS EMPTY

DMSXSU559W WARNING FILE IS EMPTY

DMSARN004W WARNING MESSAGES ISSUED

DMSLKD004W WARNING MESSAGES ISSUED

DMSUPD177I WARNING MESSAGES ISSUED (SEVERITY = nn). {'REP' OPTION IGNORED}

DMSXFD592W WRAPPED ...

DMSXML592W WRAPPED ...

DMSDIO905S WRITE-INHIBIT SWITCH SET ON DRIVE ...NOTIFY OPERATOR

DMSXSE558W WRONG FILE FORMAT FOR SERIALIZATION

DMSXMD587I XEDIT:

DMSXSU587I XEDIT:

DMSINI615R Y - DISK ADDRESS = addr

DMSWNM662E YOU ARE NOT ON AN ENTRY. PRESS PF 5, 7, OR 8 TO MOVE TO AN ENTRY

DMSZAP750I ZAP PROCESSING COMPLETE

DMSSCR151E 3278 MOD 5 DISPLAY TERMINAL NOT SUPPORTED BY OLD CMS EDITOR

RSCS Message Summary

DMTCMX300I ACCEPTED BY TASK task
DMTCMX700I ACTIVATING LINK linkid task type vaddr c
DMTINI410R ALSO IPL CYLINDER 0? [YES|NO]

DMTNPT530I COMMAND FORWARDED ON LINK linkid
DMTCMX205E CONFLICTING KEYWORD keyword
DMTCMX207E CONFLICTING OPTION keyword option

DMTSML937E DECOMPRESSION ERROR ON linkid -- LINK DEACTIVATED
DMTCMX703E DEV cuu IS NOT A LINE PORT -- LINK linkid NOT ACTIVATED
DMTCMX707E DRIVER type FILE FORMAT INVALID -- LINK linkid NOT ACTIVATED
DMTCMX705E DRIVER type NOT FOUND ON DISK vaddr -- LINK linkid NOT ACTIVATED

DMTCMX706E FATAL ERROR LOADING FROM vaddr -- LINK linkid NOT ACTIVATED
DMTAXS104I FILE SPOOLED TO userid2 -- ORG locid1 (name1) mm/dd/yy hh:mm:ss
DMTAXS524E FILE spoolid ACTIVE -- NO ACTION TAKEN
DMTCMX661I FILE spoolid ACTIVE ON LINK linkid
DMTSML510I FILE spoolid BACKSPACED
DMTNPT510I FILE spoolid BACKSPACED
DMTAXS520I FILE spoolid CHANGED
DMTAXS101I FILE spoolid ENQUEUED ON LINK linkid
DMTSML600I FILE spoolid FORWARD SPACED
DMTNPT600I FILE spoolid FORWARD SPACED
DMTAXS521I FILE spoolid HELD FOR LINK linkid
DMTCMX660I FILE spoolid INACTIVE ON LINK linkid
DMTAXS525E FILE spoolid IS FOR LINK linkid -- NO ACTION TAKEN
DMTCMX655I FILE spoolid locid userid CL a PR mm REC nnnnnn {A|I}
DMTAXS106I FILE spoolid MISSING -- DEQUEUED FROM LINK linkid
DMTSML581E FILE spoolid NOT ACTIVE
DMTNPT581E FILE spoolid NOT ACTIVE
DMTCMX664E FILE spoolid NOT FOUND
DMTAXS526E FILE spoolid NOT FOUND -- NO ACTION TAKEN
DMTCMX662I FILE spoolid ORG locid1 userid1 mm/dd/yy hh:mm:ss TO locid2 userid2
DMTAXS102I FILE spoolid PENDING FOR LINK linkid
DMTCMX663I FILE spoolid PR mm CL a CO nn {HO|NOH} DI distcode, NA {fn ft|dsname}
DMTSML580I FILE spoolid PROCESSING TERMINATED
DMTNPT580I FILE spoolid PROCESSING TERMINATED
DMTAXS105I FILE spoolid PURGED
DMTAXS103E FILE spoolid REJECTED -- INVALID DESTINATION ADDRESS
DMTAXS522I FILE spoolid RELEASED FOR LINK linkid
DMTCMX001I FREE STORAGE = nn PAGES
DMTSML170I FROM linkid: (MSG message text)
DMTNPT170I FROM linkid: (MSG message text)

DMTSML070E I/O ERROR vaddr SIOCC cc CSW csw SENSE sense CCW ccw
DMTNPT070E I/O ERROR vaddr SIOCC cc CSW csw SENSE sense CCW ccw
DMTSML934E ID CARD MISSING ON LINK linkid -- INPUT FILE PURGED
DMTNPT934E ID CARD MISSING ON LINK linkid -- INPUT FILE PURGED
DMTRET091T INITIALIZATION FAILURE -- RSCS SHUTDOWN
DMTCMX201E INVALID COMMAND command
DMTINI480E INVALID CYLINDER NUMBER - REENTER
DMTINI479E INVALID DEVICE ADDRESS - REENTER
DMTCMX204E INVALID KEYWORD keyword
DMTCMX202E INVALID LINK linkid
DMTCMX206E INVALID OPTION keyword option
DMTINI481E INVALID REPLY - ANSWER "YES" OR "NO"
DMTSML906E INVALID SML BUFFER PARAMETER -- LINK (linkid) NOT ACTIVATED
DMTSML901E INVALID SML MODE SPECIFIED -- LINK (linkid) NOT ACTIVATED
DMTSML190E INVALID SPOOL BLOCK FORMAT ON FILE spoolid
DMTNPT190E INVALID SPOOL BLOCK FORMAT ON FILE spoolid

```

DMTCMX203E INVALID SPOOL FILE ID spoolid
DMTCMX208E INVALID USER ID userid
DMTINI402T IPL DEVICE READ I/O ERROR
DMTINI431S IPL DEVICE WRITE I/O ERROR

DMTCMX704E LINE vaddr CC=3 NOT OPERATIONAL -- LINK linkid NOT ACTIVATED
DMTSML160I LINE vaddr DISABLED FOR LINK linkid
DMTNPT160I LINE vaddr DISABLED FOR LINK linkid
DMTCMX702E LINE vaddr IS IN USE BY LINK linkid1 -- LINK linkid2 NOT ACTIVATED
DMTSML141I LINE vaddr READY FOR CONNECTION TO LINK linkid
DMTNPT141I LINE vaddr READY FOR CONNECTION TO LINK linkid
DMTSML935E LINK (linkid) IN RJE MODE -- PRINT FILE (spoolid) PURGED
DMTCMX670I LINK linkid ACTIVE -- LINE vaddr {HO|NOH}
DMTCMX551E LINK linkid ACTIVE -- NOT DELETED
DMTCMX542E LINK linkid ACTIVE -- NOT REDEFINED
DMTCMX652I LINK linkid ACTIVE task type vaddr c {HO|NOH} {DR|NOD} {TRA|TRE|NOT} Q=m P=n
DMTCMX751I LINK linkid ALREADY ACTIVE -- NEW CLASS(ES) SET AS REQUESTED
DMTCMX750E LINK linkid ALREADY ACTIVE -- NO ACTION TAKEN
DMTSML612E LINK linkid ALREADY IN HOLD STATUS
DMTNPT612E LINK linkid ALREADY IN HOLD STATUS
DMTSML571E LINK linkid ALREADY SET TO DEACTIVATE
DMTNPT571E LINK linkid ALREADY SET TO DEACTIVATE
DMTREX002I LINK linkid DEACTIVATED
DMTCMX653I LINK linkid DEFAULT task type vaddr c R=m
DMTSML801I LINK linkid ERROR TRACE STARTED
DMTNPT801I LINK linkid ERROR TRACE STARTED
DMTCMX003I LINK linkid EXECUTING: (command line text)
DMTSML611I LINK linkid FILE TRANSMISSION SUSPENDED
DMTNPT611I LINK linkid FILE TRANSMISSION SUSPENDED
DMTCMX552E LINK linkid HAS A FILE QUEUE -- NOT DELETED
DMTCMX671I LINK linkid INACTIVE
DMTCMX651I LINK linkid INACTIVE
DMTCMX303E LINK linkid IS NOT ACTIVE
DMTCMX302E LINK linkid IS NOT DEFINED
DMTSML149I LINK linkid LINE ACTIVITY: TOT= mmm; ERRS= nnn; TMOUTS= ppp
DMTNPT149I LINK linkid LINE ACTIVITY: TOT= mmm; ERRS= nnn; TMOUTS= ppp
DMTSML142I LINK linkid LINE vaddr CONNECTED
DMTNPT142I LINK linkid LINE vaddr CONNECTED
DMTSML143I LINK linkid LINE vaddr DISCONNECTED
DMTNPT143I LINK linkid LINE vaddr DISCONNECTED
DMTCMX543E LINK linkid NOT DEFINED -- LINK LIMIT REACHED
DMTCMX544E LINK linkid NOT DEFINED -- TYPE NOT SPECIFIED
DMTSML591E LINK linkid NOT IN HOLD STATUS
DMTNPT591E LINK linkid NOT IN HOLD STATUS
DMTCMX550I LINK linkid NOW DELETED
DMTSML570I LINK linkid NOW SET TO DEACTIVATE
DMTNPT570I LINK linkid NOW SET TO DEACTIVATE
DMTCMX654I LINK linkid Q=m P=n
DMTAXS523I LINK linkid QUEUE REORDERED
DMTCMX541I LINK linkid REDEFINED
DMTSML590I LINK linkid RESUMING FILE TRANSFER
DMTNPT590I LINK linkid RESUMING FILE TRANSFER
DMTCMX752I LINK linkid STILL ACTIVE -- DRAIN STATUS RESET
DMTSML610I LINK linkid TO SUSPEND FILE TRANSMISSION
DMTNPT610I LINK linkid TO SUSPEND FILE TRANSMISSION
DMTSML810E LINK linkid TRACE ALREADY ACTIVE
DMTNPT810E LINK linkid TRACE ALREADY ACTIVE
DMTSML803I LINK linkid TRACE ENDED
DMTNPT803I LINK linkid TRACE ENDED
DMTSML811E LINK linkid TRACE NOT ACTIVE
DMTNPT811E LINK linkid TRACE NOT ACTIVE
DMTSML802I LINK linkid TRACE STARTED
DMTNPT802I LINK linkid TRACE STARTED

```

DMTCMX710E MAX (nn) ACTIVE -- LINK linkid NOT ACTIVATED

DMTCMX540I NEW LINK linkid DEFINED
DMTAXS640I nn FILE(S) PURGED ON LINK linkid
DMTAXS107I nn PENDING FILES FOR LINK linkid MISSING
DMTSML511E NO FILE ACTIVE ON LINK linkid
DMTNPT511E NO FILE ACTIVE ON LINK linkid
DMTCMX672I NO LINK ACTIVE
DMTCMX673I NO LINK DEFINED
DMTSML936E NO REMOTE PUNCH AVAILABLE ON LINK linkid -- FILE spooled PURGED
DMTNPT936E NO REMOTE PUNCH AVAILABLE ON LINK linkid -- FILE spoolid PURGED
DMTCMX701E NO SWITCHED LINE AVAILABLE -- LINK linkid NOT ACTIVATED
DMTSML902E NON-SIGNON CARD READ ON LINK linkid
DMTNPT902E NON-SIGNON CARD READ ON LINK linkid
DMTINI409R NUCLEUS CYL ADDRESS = nnn
DMTINI483E NUCLEUS WILL OVERLAY CMS FILES - RECOMPUTE

DMTSML903E PASSWORD SUPPLIED ON LINK linkid IS INVALID
DMTNPT903E PASSWORD SUPPLIED ON LINK linkid IS INVALID

DMTSML145I RECEIVED: FILE FROM locid1 (name1) FOR locid2 (userid2)
DMTNPT145I RECEIVED: FILE FROM locid1 (name1) FOR locid2 (userid2)
DMTSML144I RECEIVING: FILE FROM locid1 (name1) FOR locid2 (userid2)
DMTNPT144I RECEIVING: FILE FROM locid1 (name1) FOR locid2 (userid2)
DMTCMX304E REJECTED BY TASK task -- NOT RECEIVING
DMTCMX301E REJECTED BY TASK task -- PREVIOUS COMMAND ACTIVE
DMTINI407R REWRITE THE NUCLEUS? [YES|NO]
DMTCMX200I RSCS
DMTRET000I RSCS (VER v, LEV l, mm/dd/yy) READY
DMTCMX560I RSCS DISCONNECTING

DMTSML146I SENDING: FILE spoolid ON LINK linkid, REC nnnnnn
DMTNPT146I SENDING: FILE spoolid ON LINK linkid, REC nnnnnn
DMTSML147I SENT: FILE spoolid ON LINK linkid
DMTNPT147I SENT: FILE spoolid ON LINK linkid
DMTNPT905I SIGNON OF LINKID (linkid) COMPLETE
DMTSML905I SIGNON OF LINKID linkid COMPLETE
DMTNPT904E SIGNON PARAMETER=parameter INVALID
DMTNPT907E SIGNON TYPE PARAMETER MISSING
DMTINI482E SYSTEM DISK ERROR - REENTER
DMTSML108E SYSTEM ERROR READING SPOOL FILE spoolid
DMTNPT108E SYSTEM ERROR READING SPOOL FILE spoolid
DMTAXS108E SYSTEM ERROR READING SPOOL FILE spoolid

DMTCMX709E TASK NAME task ALREADY IN USE -- LINK linkid NOT ACTIVATED

DMTCMX561E USERID userid NOT RECEIVING

DMTCMX708E VIRTUAL STORAGE CAPACITY EXCEEDED -- LINK linkid NOT ACTIVATED

IPCS Message Summary

```
DMMDSC721I &NAME TABLE IS FULL
DMMMOD706I 'entry name' NOT FOUND IN THE LOAD MAP
DMMMOD707I 'module' 'page' PAGE NOT VALID
DMMCPA805I 'nnn' ABEND CODE NOT RECOGNIZED BY DATA EXTRACTION
DMMREG724I {AP} REGISTERS REQUESTED FOR UNIPROCESSOR DUMP
DMMREG724I {MP} REGISTERS REQUESTED FOR UNIPROCESSOR DUMP

DMMINI800S DATA EXTRACTION FAILURE
DMMIOB712I DEVICE 'cuu' NOT FOUND
DMMEDM861I DUMP FILE 'filename' NOT FOUND

DMMMAP806R ENTER 'filename filetype fm' OF NUCLEUS LOAD MAP OR ENTER NULL
DMMDSC701R ENTER DUMP NUMBER AND MODE
DMMINI803S ERROR 'nnn' ATTEMPTING TO LOADMOD VMFDUMP2
DMMINI400S ERROR 'nnn' CLOSING 'filename filetype fm'
DMMDSC719I ERROR 'nnn' IN FSSTATE 'filename filetype fm'
DMMPRO300S ERROR 'nnn' ON FSSTATE 'filename filetype fm'
DMMINI300S ERROR 'nnn' ON FSSTATE 'filename filetype fm'
DMMMAP810I ERROR 'nnn' READING FILE 'fileid'
DMMSUM100S ERROR 'nnn' READING FILE 'filename filetype fm'
DMMSTA100S ERROR 'nnn' READING FILE 'filename filetype fm'
DMMSEA100S ERROR 'nnn' READING FILE 'filename filetype fm'
DMMREG100S ERROR 'nnn' READING FILE 'filename filetype fm'
DMMPRO100S ERROR 'nnn' READING FILE 'filename filetype fm'
DMMMOD100S ERROR 'nnn' READING FILE 'filename filetype fm'
DMMINI100S ERROR 'nnn' READING FILE 'filename filetype fm'
DMMGRC100S ERROR 'nnn' READING FILE 'filename filetype fm'
DMMGET100S ERROR 'nnn' READING FILE 'filename filetype fm'
DMMWRT200S ERROR 'nnn' WRITING FILE 'filename filetype fm'
DMMSUM200S ERROR 'nnn' WRITING FILE 'filename filetype fm'
DMMSTA200S ERROR 'nnn' WRITING FILE 'filename filetype fm'
DMMPRO200S ERROR 'nnn' WRITING FILE 'filename filetype fm'
DMMPRM200S ERROR 'nnn' WRITING FILE 'filename filetype fm'
DMMMAP200S ERROR 'nnn' WRITING FILE 'filename filetype fm'
DMMINI200S ERROR 'nnn' WRITING FILE 'filename filetype fm'
DMMDSC500S ERROR 'nnn' WRITING TO VIRTUAL PRINTER
DMMMOD705E ERROR IN ITEM TABLE

DMMEDM860I FATAL I/O ERROR READING DUMP
DMMEDM852I FATAL I/O ERROR WRITING DUMP

DMMDSC722I INVALID ENTRY INTO &NAME TABLE
DMMLOC717I INVALID FORM OF LOCATE COMMAND
DMMEDM863E INVALID PARAMETER - parameter
DMMSUM501S INVALID PARM 'badparm' PASSED TO SUMMARY UPDATE PROGRAM

DMMDSC720I LOAD MAP ALREADY PRESENT
DMMVMB711I LOOP IN VMBLOK CHAIN

DMMEDM853I NO DUMP FILE EXIST
DMMSCR709I NO VALID SCROLL ADDRESS
DMMFEX704I NON-HEX CHARACTER IN ADDRESS - RETRY
DMMFED703I NON-HEX CHARACTER IN ADDRESS - RETRY
DMMFED702I NON-HEX CHARACTER IN COUNT - RETRY
DMMHEX714I NON-HEX CHARACTER IN INPUT - RETRY
DMMLOC715I NON-HEX CHARACTER IN STRING
DMMTRC710I NON-NUMERIC COUNT CHARACTER - RETRY
DMMMAP801I NUC MAP 'filename filetype fm' IS NOT VALID FOR THIS DUMP.
DMMMAP808I NUCLEUS MAP INVALID 'filename filetype fm'
```

DMMSTA601I OPERAND 'operand' NOT RECOGNIZED

DMMGET708I PAGE 'page' NOT FOUND IN DUMP
DMMEDM864I PAGE REFERENCED NOT AVAILABLE WHILE EDITING xxxxxxxx
DMMSUM502S PROBLEM 'PRBnnnnn' NOT FOUND IN SYMPTOM SUMMARY
DMMMAP802I PROCEEDING....
DMMPRM804I PROCESSING ERROR IN DATA EXTRACTION

DMMGRC809I REQUESTED ADDRESS NOT IN DUMP

DMMLOC716I STRING 'string'{NOT FOUND|NOT FOUND BEFORE END OF DUMP}

DMMEDM851I TEN DUMP FILES ALREADY EXIST
DMMDSC723I THE DUMP IS NOT ON THE A-DISK
DMMMOD718I THIS DUMP HAS NO LOAD MAP - SEE MAP SUBCOMMAND
DMMDSC700I TYPE 'HELP' OR ENTER

DMMMAP807I UNABLE TO LOCATE 'filename filetype fm'
DMMEDM850I UNABLE TO READ DUMP FROM READER
DMMIOB713I USER 'userid' VMBLOK NOT FOUND

Appendix E. Restrictions

VM/SP High Performance Option when used in conjunction with VM/System Product, is an operating system capable of running an IBM System/370 operating system as long as certain restrictions are not violated.

Many of these restrictions also apply to VM/SP and should not be construed strictly as VM/SP High Performance Option system limitations.

Channel Programs

Avoid using channel programs that loop. Execution of a Backward Transfer In Channel CCW followed by an I/O CCW that present concurrent Channel End and Device End may result in locking out the device as well as the channel. Users attempting to access devices on the channel will also be locked out. To recover from this situation, issue the CP HALT command to the device or have the operator issue a SYSTEM RESET.

Dynamically Modified Channel Programs

In general, virtual machines may not execute channel programs that are dynamically modified (that is, channel programs that are changed between the time the START I/O (SIO) is issued and the time the I/O ends, either by the channel program itself or by the processor).

Exceptions (that is, dynamically modified channel programs given special consideration by CP) are:

- Those generated by the Indexed Sequential Access Method (ISAM) running under OS/PCP, OS/MFT, and OS/MVT
- Those generated by ISAM running in an OS/VS virtual = real partition
- Those generated by the OS/VS Telecommunications Access Method (TCAM) Level 5, with the VM/370 option
- Those containing polling sequences

The self-modifying channel programs that ISAM generates for some of its operations receive special handling if the virtual machine using ISAM has that option specified in its directory entry. If ISAM is to run in an OS/VS virtual = real partition, you must specify the ISAM option in the directory entry for the OS/VS virtual machine. You do not have to specify the ISAM option in the directory entry for an OS/VS virtual machine running DOS/ISAM or ISAM in a virtual = virtual partition.

Virtual machines using OS/VS TCAM (Level 5, generated or invoked with the VM/370 option) modify the channel program with a DIAGNOSE instruction. This instruction causes CP to forward the change made in the virtual CCW string to the real CCW string being executed by the channel. CP is then able to execute the dynamically modified channel program properly.

When a virtual machine starts a channel program containing a polling sequence, the CCW translation sets the PCI bit in the real CCW string. Each time the real CCW string is executed, the resulting PCI interruption causes CP to examine the corresponding virtual CCW string for changes. Any changes to the virtual CCW string are also made to the real CCW string while it is executing.

The restrictions for using dynamically modified channel programs do not apply if the virtual machine is using the virtual = real performance option of the SET command with the NOTRANS option set ON.

Minidisk Restrictions

The following restrictions exist for minidisks:

1. In the case of Read Home Address with the Skip bit off, CP modifies the home address data in user storage at the completion of the channel program because the addresses must be converted for minidisks. Therefore, the data buffer area may not be dynamically modified during the input/output operation.
2. In the case of read device characteristics to an FBA device with the Skip bit off, CP modifies the data in user storage at completion of the channel program so the data reflects the true minidisk size and characteristics. Therefore, the data buffer area cannot be dynamically modified during the input/output operation.

Note: You should not attempt to use this data during the I/O operation.

3. On a minidisk, if a CCW string uses multitrack search on input/output operations, subsequent operations to that disk must have preceding seeks or continue to use multitrack operations. There is no restriction for dedicated disks.
4. OS/PCP, MFT, and MVT ISAM or OS/VS ISAM running virtual = real may be used with a minidisk only if the minidisk is located at the beginning of the physical disk (that is, at cylinder 0). There is no such restriction for DOS ISAM or OS/VS ISAM running virtual = virtual.

Note: Because the VS1 system does no paging, CP treats any ISAM programs run under VS1 as though they are running in an ADDRSPC = REAL partition.

5. CP does not return an end-of-cylinder condition to a virtual machine that has a virtual 2311 mapped to the top half (that is, tracks 0 through 9) of 2314 or 2319 cylinders.
6. If the user's channel program for a count-key-data minidisk does not perform a Seek operation, then to prevent accidental accessing, CP inserts a positioning Seek operation into the user's channel program. Thus, certain channel programs may generate a condition code (CC) of 0 on a SIO instead of an expected CC of 1, which is returned to the virtual machine. The final status is returned to the virtual machine as an interruption.
7. A DASD channel program directed to a 3330, 3340, 3350, 3375, or 3380 device may give results on dedicated drives that differ from results on minidisks having nonzero relocation factors. This occurs if the channel program includes multiple-track operations and depends on a Search Id High or Search Id Equal or High I/O command code to terminate the program. This is because the record 0 count fields on the 3330, 3340, 3350, 3375, and 3380 devices must contain the real cylinder number of the track on which they

reside. Therefore, a Search Id High, for example, based on a low virtual cylinder number may terminate prematurely if a real record 0 is encountered.

- a. Minidisks with nonzero relocation factors on 3330, 3340, 3350, 3375, and 3380 devices are not usable under OS and OS/VS systems. This is because the locate catalog management function employs a Search Id Equal or Search Id High I/O command code to find the end of the VTOC.
 - b. This restriction also applies to minidisks with a VTOC of more than one track.
 - c. On a 3330, 3340, or 3350 DASD with a VTOC of more than one track, an OS or OS/VS minidisk must start at real cylinder 0.
8. If the DASD channel programs directed to 3330, 3340, 3350, 3375, or 3380 devices include a write record R(0), then results differ depending on whether the direct access storage device is dedicated (this includes a minidisk defined as the entire device) or nondedicated. For dedicated devices of the listed device types, a write R(0) is allowed, but the user must be aware that the track descriptor record may not be valid from one DASD to another. For a nondedicated device, a write record R(0) is replaced by a read record R(0) and the skip flag is set on. This could result in a command reject condition due to an invalid command sequence.
 9. When performing DASD I/O the real Search Id command uses the relocated search argument instead of the argument that was read dynamically. To avoid this problem, the record field of a Search Id I/O command should not be set to binary zero if the search argument is to be dynamically read or if a Search Id on record 0 is not intended.
 10. On FBA devices, the use of the CE area is different for dedicated devices and minidisks. Any user with a dedicated device can use the CE area. However, only class F users can use the CE area for minidisks.
 11. FBA diagnostic commands are also handled differently for dedicated devices and minidisks. Any user with a dedicated device can issue diagnostic CCWs. For minidisks, however, only users with a minidisk equal to the size of the entire pack can issue a diagnostic control command. Because Diagnostic Sense commands must be chained from a Diagnostic Control command, this restriction indirectly applies to those commands also.
 12. Diagnostic Read Home Address and Diagnostic Write Home Address I/O commands are supported only for:
 - Dedicated devices
 - Minidisks that start at real cylinder 0Only privilege class F users may use the I/O command Diagnostic Write Home Address.
 13. Refer to *Device Support Facilities*, GC35-0033, for procedures to format 3375/3380 DASD for use in an OS/VS operating system running in a virtual machine.
 14. Any minidisk that is used by an MVS/SP virtual machine operating with preferred machine assist, must be allocated as a full-extent virtual disk (the entire pack). Because a temporary disk (TDISK) is never full-extent, do not specify a TDISK for a virtual machine using preferred machine assist.
 15. Do not use duplicate volume ID's for SYSRES or CP-owned volumes as the results are undesirable.

16. For minidisks with virtual reserve/release capabilities – Guest virtual machines must issue a SIO sense command after a unit check occurs. This ensures correct information processing in the event that another user has already reserved the same minidisk.

If a guest fails to do so and proceeds to RESERVE or UNCONDITIONALLY RESERVE the minidisk, there will be no indication that the minidisk in question remains unreserved to the guest. Results will be unpredictable.

Timing Dependencies

Time dependent applications in input/output devices or programming do not function consistently under VM/SP High Performance Option:

1. The following telecommunication access methods (or the designated option) violate the restriction on timing dependency by using program-controlled interruption techniques and/or the restriction on dynamically modified channel programs:
 - OS Basic Telecommunications Access Method (BTAM) with the dynamic buffering option.
 - OS Queued Telecommunications Access Method (QTAM).
 - DOS Queued Telecommunications Access Method (QTAM).
 - OS Telecommunications Access Method (TCAM).
 - OS/VS Telecommunications Access Method (TCAM) Level 4 or earlier, and Level 5 if TCAM is not generated or invoked with the VM/SP High Performance Option.

These access methods may run in a virtual = real machine with CCW translation suppressed by the SET NOTRANS ON command. Even if SET NOTRANS ON is issued, CCW translation will take place if one of the following conditions is in effect:

- The channel program is directed at a nondedicated device (such as a spooled unit record device, a virtual CTCA, a minidisk, or a console).
- The channel program starts with a Sense operation code.
- The channel program is for a terminal invoked by the DIAL command.
- Start I/O tracing is in effect.
- The CAW is in page zero or beyond the end of the virtual = real area.

(OS BTAM can be generated without dynamic buffering, in which case no virtual machine execution violations occur. However, the BTAM reset poll macro will not execute under VM/SP High Performance Option if issued from third level storage. For example, a reset poll macro has no effect if executed from a virtual = virtual storage under a VS1 system that is running under VM/SP High Performance Option.)

2. Programming that makes use of the PCI channel interruption for channel program or processor signalling must be written to allow processing to continue normally if the PCI interruption is not recognized until I/O completion or if the modifications performed are not executed by the channel.

3. Devices that expect a response to an interruption within a fixed period of time may not function correctly because of execution delays caused by normal VM/SP High Performance Option system processing. An example of such a device is the IBM 1419 Magnetic Character Reader.
4. The operation of a virtual block multiplexer channel is time dependent. For this reason, the channel appears available to the virtual machine operating system, and channel interruptions are not observed. However, operations on virtual block-multiplexing devices should use the available features like Rotational Position Sensing to enhance utilization of the real channels.

Processor Model-Dependent Functions

On the System/370 Model 158 and the I/O processor of the 158AP, the Virtual Machine Assist feature and the System/370 Extended Feature are mutually exclusive; however, installation of RPQ (#MK3272) allows coexistence of Virtual Machine Assist and the System/370 Extended Feature on a 158-3.

Programs written for processor-model dependent functions may not execute properly in the virtual machine under VM/SP High Performance Option. The following points should be noted:

1. Programs written to examine the machine logout area do not have meaningful data since CP does not reflect the machine logout data to a virtual machine.
2. Programs written to obtain processor identification (via the CP command STIDP) receive the real processor value. When the STIDP instruction is issued by a virtual machine, the version code contains the value 255 in hexadecimal ("FF") to represent a virtual machine.
3. No simulation of other processor models is attempted by VM/SP High Performance Option.
4. Since an operating system's channel error recovery procedures may be model-dependent for processors and channels, operating systems that will run in a virtual machine may have to be generated for the same model of processor that VM/SP High Performance Option will be running on.
5. Shared segments and named systems created on processors utilizing 2K storage protection keys may not execute correctly on processors that utilize 4K storage protection keys.
6. User application programs that rely on 2K key virtual storage may not execute correctly when loaded on a 4K key processor or when loaded on a processor that contains both 4K key and 2K key real storage frames.
7. Virtual machines saved on 2K key processors using the CP command VMSAVE or SAVESYS may not execute correctly when loaded on 4K key processors.
8. Guest virtual machine operating systems that use 2K pages cannot be executed on processors with extended storage.
9. For Release 3.4, System/370 Model 155-II and System 370 Model 165-II are supported in uniprocessor mode only.

Channel Model-Dependent Functions

Channel checks (channel data check, channel control check, and interface control check) are returned to the virtual machine as are other I/O errors. This provides the operating system or other programs in the virtual machine with the opportunity to attempt recovery or close out its operation in an orderly manner. To take full advantage of this, the virtual machine should comply with the following requirement:

- Each virtual channel should map to real channels of a single type. In other words, the virtual devices on a virtual channel should all map to real devices on real channels of a single type and model. These real channels should all be the same as each other, but not necessarily the same as the virtual channel.

If the I/O configuration of a virtual machine does not meet the above requirement, no warning message is issued and the virtual machine will run successfully until a channel check occurs. In this case, when a channel check occurs, there is a possibility that the channel extended logout data area may be inconsistent with the data provided by the store channel id (STIDC) instruction.

Note: Virtual machines running CMS need not comply with these requirements. Here, only unit record spooling and diagnose I/O are performed. For unit record spooling, there are no channel checks and for diagnose I/O, CP attempts to perform the error recovery itself.

When the store channel id instruction (STIDC) is executed in a virtual machine, it returns information from an arbitrary channel. The type, model, and logout length data returned by the STIDC are the same as the real channel except that when a real channel is a block multiplexer and the virtual channel is a selector, the type field returned by STIDC indicates a selector channel.

Since the STIDC returns identifying data from the real channel, channel type-dependent error recovery procedures can use STIDC to identify the channel.

Channel extended logouts are reflected to the virtual machine in a manner that is model-dependent for processors and channels and consistent with the data returned by STIDC (provided that the virtual-to-real channel mapping the requirement stated previously is met).

A deviation in handling channel extended logouts occurs if the virtual machine uses the control bit in register 14 to mask out channel extended logouts. Channel extended logouts will not be lost when they are kept pending along with their associated I/O interruptions. Regardless of whether or not the setting causes the virtual machine to lose the channel extended logout, CP will still successfully record the logout in its own error recording areas.

Virtual Machine Characteristics

Other characteristics that exist for a virtual machine under VM/SP High Performance Option are as follows:

1. The minimum virtual machine size is 8K. The maximum size for a virtual machine is 16 megabytes. The size is defined in the user directory and may be temporarily altered by the user with the CP command DEFINE.

2. If the virtual=real option is selected for a virtual machine, input/output operations specifying data transfer into or out of the virtual machine's page zero, or into or out of storage locations whose addresses are greater than the storage allocated by the virtual=real option, must not occur. The storage protection key mechanism of the processor and channels operates in these situations but is unable to provide predictable protection to other virtual machines. In addition, violation of this restriction may compromise the integrity of the system. The results are unpredictable.
3. The DIAGNOSE instruction cannot be issued by the virtual machine for its normal function. CP uses this instruction to allow the virtual machine to communicate system services requests. The diagnose interface requires the operand storage addresses passed from the virtual machine issuing the DIAGNOSE instruction to be real. For more information about the DIAGNOSE instruction in a virtual machine, see the *VM/SP High Performance Option System Programmer's Guide*.
4. A two-channel switch can be used between the processor executing a virtual machine under VM/SP High Performance Option and another processor.
5. A control unit normally does not appear busy to a virtual machine. An exception exists when a forward space file or backward space file command is executed for a tape drive. Subsequent I/O operations to the same virtual control unit result in a control unit busy condition until the forward space file or backward space file command completes. If the real tape control unit is shared by more than one virtual machine, a control unit busy condition is reflected only to the virtual machine executing the forward space file or backward space file command. When a virtual machine attempts an I/O operation to a device for which its real control unit is busy, the virtual machine is placed in I/O wait (nondispatchable) until the real control unit is available. If the virtual machine executed a SIOF instruction (rather than SIO) and was enabled for block-multiplexing, it is not placed in I/O wait for the above condition.
6. The CP command IPL cannot simulate self-modifying IPL sequences from dedicated unit record devices or certain self-modifying IPL sequences from tape devices.
7. The VM/SP High Performance Option spooling facilities do not support punch-feed-read, stacker selection, or column binary operations. Detection of carriage control channels is supported for a virtual 3211 only.
8. VM/SP High Performance Option does not support count control on the virtual 1052 operator's console.
9. Programs that use the integrated emulators function only if the real computing system has the appropriate compatibility feature. VM/SP High Performance Option does not attempt simulation. The DOS emulator running under OS or OS/VS is not supported under VM/SP High Performance Option.
10. The Read Direct and Write Direct instructions are not supported for a virtual machine.
11. The SET CLOCK instruction cannot be simulated, and hence, is ignored if issued by a virtual machine. The STORE CLOCK instruction is a nonprivileged instruction and cannot be trapped by the control program; it provides the true TOD clock value from the real processor.

12. The 1050/1052 Model 2 Data Communication System is supported only as a keyboard operator's console. Card reading, paper tape I/O, and other modes of operation are not recognized as unique, and hence may not work properly. This restriction applies only when the 1050 system is used as a virtual machine operator's console. It does not apply when the 1050 system is attached to a virtual machine via a virtual 2701, 2702, or 2703 line.
13. The pseudo-timer (usually device address 0FF, device type TIMER) does not return an interruption from a Start I/O; therefore, do not use EXCP to read this device.
14. A virtual machine device IPL with the NOCLEAR option overlays one page of virtual machine storage. The IPL simulator uses one page of the virtual machine to initiate the IPL function. The starting address of the overlaid page is either the result of the following formula:

$$\frac{\text{virtual machine size}}{2} = \text{starting address of the overlaid page or the hexadecimal value 2000, whichever is smaller.}$$

15. To maintain system integrity, data transfer sequences to and from a virtual system console are limited to a maximum of 2032 bytes. Channel programs containing data transfer sequences that violate this restriction are terminated with an interruption whose CSW status indicates incorrect length and a channel program check.
 - a. A data transfer sequence is defined as one or more connected read or write CCWs. The introduction of command chaining defines the start of a new data transfer sequence.
 - b. Data chained Seek CCWs with counts of less than four are inconsistent with VM/SP High Performance Option data security and therefore will give an error when attempting to use.
16. When a unit check occurs on a device, the processor maintains a contingent connection between that device and the virtual machine until CP issues a SENSE CHANNEL command and records sense data. No other I/O activity can occur on the device at this time. However, other I/O activity from a different virtual machine or another processor can begin on this device when CP sends the sense data to the virtual machine. On a shared disk, the access mechanism may possibly move during this time and cause an I/O error.
17. The mode setting for 7-track tape devices is maintained by the control unit. Therefore, when a virtual machine issues the Set Mode channel command to a 7-track tape device, it changes the mode setting of all 7-track tape devices attached to that control unit.

This has no effect on virtual machines (such as OS or DOS) that issue Set Mode each time a CCW string is to be executed. However, it can cause a problem if a virtual machine fails to issue a Set Mode with each CCW string executed. Another virtual machine may change the mode setting for another device on the same control unit, thereby changing the mode setting for all 7-track tape devices attached to that control unit.

18. A shared system or one that uses discontinuous saved segments cannot be loaded (via IPL) into a virtual machine running in the virtual=real area.

19. The DUMMY feature for VSAM data sets is not supported and should not be used at program execution time. Specifying this option on the DLBL command will cause an execution-time OPEN error.
20. The 3066 is supported as a 3215. It is not supported as a graphics terminal; therefore, it is recommended that the NODISP option of the EDIT command be used when editing in a 3066.
21. The Program Controlled Interruption (PCI) FETCH option for load module retrieval is not supported for OS/MFT or VS1.
22. 4341, 4381, 308x processor complex, and 3090 processors, do not permit use of one megabyte segments for virtual machines. Any attempt by a relocatable virtual machine using 1 Mb segments to invoke the DAT facility for address translation, results in a translation exception.
23. MVS subsystems and application programs that issue the store processor id (STIDP) instruction to determine whether they are executing under VM/SP High Performance Option, should consider the following:
 - a. If the MVS/SP virtual machine is using preferred machine assist and the STIDP instruction gives a return code X'FE', this indicates that CP will not intercept any DIAGNOSE instructions. The MVS/SP virtual machine with preferred machine assist runs in supervisor state.
 - b. If the MVS/SP virtual machine is using preferred machine assist and the STIDP instruction gives a return code X'FE', the MVS subsystem or application program must use the TEST BLOCK instruction to determine available storage locations. Do not use the MVCL instruction. Use of the MVCL instruction for determining available storage locations produces unpredictable results.
24. VM/SP High Performance Option executes in a virtual machine under VM/System Product Release 2 and subsequent releases; however, such a virtual machine cannot use preferred machine assist.
25. If you are executing MVS/SP version 1 release 3 or a later release in a V=R virtual machine on a 3033 processor, before issuing the SPMODE or QVM command you must activate either preferred machine assist or cross memory assist.
26. When MVS/SP is executing with preferred machine assist active, the Diagnose instruction cannot be used to communicate between MVS/SP and VM/SP High Performance Option.
27. Extended control mode (ECMODE) virtual machines executing on a processor with DAT on where available storage exceeds 16Mb must use 4K pages. The ECMODE virtual machine receives a program check if the page size is not 4K.
28. The MVS/SP V=R virtual machine will not be recovered following a CP abend if a different CP nucleus was loaded onto the system disk after the system became operational. Do not load a new CP nucleus onto the system disk after VM/SP HPO is IPLed. If a new nucleus is loaded, MVS/SP V=R recovery results are unpredictable.
29. When you issue CCW's containing an address, that address must be within the virtual machine size whether or not data transfer is involved. Using an address above the virtual machine size will result in VM/SP HPO forcing a channel program check.

Device Dependent Restriction

VM/SP and VM/SP HPO do not provide alternate track recovery for overflow records on 3340/3344 devices. When this situation arises, a unit check occurs and produces sense data that state "TRACK CONDITION CHECK" and "OPERATION INCOMPLETE". A fatal I/O error results.

Mass Storage System Restrictions

1. There are two OS/VS system data sets associated with Mass Storage System: The mass storage volume inventory and the mass storage volume control journal. There is one copy of each data set per Mass Storage System, not necessarily one per operating system. If more than one OS/VS system (running either in native mode or in a virtual machine) is connected to a common Mass Storage System, then the OS/VS systems must share a common inventory and journal.
2. When a real 3330V device is dedicated to a virtual machine as a virtual 3330V, the programming support in the virtual machine must recognize and access the virtual device as a 3330V.
3. The following must be compatible: the definition of 3330V addresses in the MCS tables; the DMKRIO module; and the IOGEN for any OS/VS system running in a virtual machine with a dedicated MSC port.
4. Each active volume in the MSS must have a unique volume number. If you wish to have two or more user volumes having the same volume serial (such as different versions of an OS/VS2 system residence volume both having a volume serial of VS2037), then create two MSS volumes having different volume serials and allocate the user volumes as minidisks.
5. Mass Storage System volumes may not be used for system residence, paging, spooling, or temporary disk space.
6. You must not change the volume serial of a real 3330V volume (the volume serial as known by the MSC) except by using the OS/VS access method services utilities. If, for example, cylinder 0 of a 3330V is dedicated to a virtual machine and that virtual machine alters the volume serial using DDR, then the volume cannot be mounted.
7. The MSS Central Service Application Program is not supported by MVS/SP when MVS is executing with preferred machine assist.
8. CP commands that require action from the MSS Control Server must not be issued from the Central Server virtual system.

3880 Storage Subsystem Restrictions

The following restrictions apply to 3880 Storage Control Models 11 and 21:

1. You cannot use 3880 devices for spooling, to define minidisks or temporary storage, to hold directories, as system residence volumes, or to receive VMSAVE data.

2. The subsystem cache cannot be shared. If the cache is in use, it must be dedicated to a single virtual machine or owned by the system.
3. When using 308x processors, you must execute the Input/Output Configuration Program to define the device to the system.
4. The system programmer must code the FEATURE= operand of the RCTLUNIT macro as FEATURE = 32-DEVICE because 3880 Storage Control addresses span multiple control units.
5. You must supply the base address when defining a device in the RDEVICE macro or when referring to devices in a CP command (for example, the VARY, ATTACH, or DETACH commands). On the Model 21, the exception to this restriction is the QUERY command. You may QUERY a paging address.
6. System programmers should format all subsystem storage devices as PAGE space. Storage devices formatted as any other type will be reallocated as PERM space.
7. You should be aware of the following when coding a device address for either Storage Subsystem Model:

As a real device --

- you may use a maximum of four addresses per storage director
- for the Model 11 only, the control unit portion (second digit from the right) of the address must be an even number; and
the device portion (rightmost digit) of the address must range from 0 to 7.
- for the Model 21 only, the device portion of the address must range from 0 to 3.

As a virtual device --

- in addition to the restrictions above, the device portion of the address must match that of the real device.

The restrictions that follow apply to the 3880 Storage Control Model 21 only:

1. To define this subsystem, you must code the DEVTYPE operand of the RDEVICE macro as 3351P.
2. If you choose to use both storage directors available on the Model 21, you must code the ALTCU operand of the RDEVICE macro. In addition, the storage directors must be placed on separate channels.
3. If you do not specify the ALTCU operand when you code the RDEVICE macro, you must place both strings of DASDs on the same channel.
4. In a multiprocessing configuration, online channel paths must be symmetrical. See the "Hardware Configuration" section of *VM/SP HPO 3880 Model 21 Storage Subsystem* for more information.

General Restrictions for Preferred Machine Assist

1. Preferred machine assist supports *only* MVS/SP Version 1 Release 1 with Release 1 Enhancement or later releases. MVS/SP Version 1 Release 3 or later releases are needed to support "extended storage" above 16 megabytes. Any attempt to run another system using the preferred machine assist feature may result in CP abending.
2. The MSS Central Server Application Program, a VM/370 Release 6 Program that runs under MVS, cannot run when preferred machine assist is active unless control switch assist is also active.
3. Devices on channels that belong to the preferred virtual machine are not defined to VM/SP HPO at system generation. Because these devices are unknown to VM/SP HPO, the VM/SP HPO system operator cannot vary them online to VM/SP HPO without reinitializing the system and including the devices in DMKRIO.
4. Do not issue DIAGNOSE instructions when running a guest MVS system with preferred machine assist, unless control switch assist is also active and you IPLed the guest with the PMAV operand. Otherwise, the results of using a DIAGNOSE in a preferred machine assist environment are unpredictable.

For example, suppose an MVS guest is running with preferred machine assist but not control switch assist. If you issue a DIAGNOSE X'80' to vary a channel offline, the DIAGNOSE instruction will go directly to the hardware and the channel will be varied offline. VM/SP HPO is unable to intercept the DIAGNOSE in this case.

5. An MVS V=R guest that was IPLed with the PMAV operand cannot issue a DIAGNOSE or IUCV instruction from above the 16 Mb line, nor can it specify on the operands of such an instruction an address above the 16 Mb line.
6. When you are running either in single processor mode or as a preferred machine assist guest, I/O deadlocks can occur if you have CP and MVS DASD on the same string. For example, if an MVS guest has a channel of its native processor to the same string on which CP owns a channel, deadlocks may occur. Therefore:
 - You must segregate MVS and CP spool DASD onto separate strings if you are using virtual spool devices.
 - You must segregate MVS and CP DASD if you issue CP commands from the MVS virtual machine console and you are not using the Single Console Image Facility.
7. If you started single processor mode on a 308x or 3033 UP-generated system to IPL with the PMA or PMAV option, the MVS guest must vary off the native side before issuing SPMODE off.
8. If you are running single processor mode on a 308x or 4381 processor and you IPL with the PMAV option, the MVS guest must issue DIAGNOSE and IUCV instructions from the CP side (not the native side). In order to accomplish this, the MVS system programmer must establish affinity for the program issuing the DIAGNOSE and IUCV instructions.
9. When you are running in either single processor mode or as a preferred machine assist guest, do not use the CP PER command.

10. To use preferred machine assist on the 3090 processor, you must use the release of MVS currently supported on the 3090 processor.

Conversational Monitor System Restrictions

The following restrictions apply to CMS, the conversational monitor system of VM/SP.

Note: VM/SP High Performance Option adds no additional functions to the CMS component of VM/SP.

compact

1. CMS executes only on a virtual machine controlled by VM/SP or VM/SP High Performance Option.
2. CMS employs the spooling facilities of VM/SP to perform unit record I/O. However, a program running under CMS can issue its own SIOs to attached dedicated unit record devices.
3. Only those OS and DOS facilities that are simulated by CMS can be used to execute OS and DOS programs produced by language processors under CMS.
4. Programs that operate under CMS are encouraged to use documented interfaces. Those programs which modify DMSNUC or other CMS control blocks in order to accomplish their interfaces with the CMS system, may hamper the performance and reliability of the system.
5. CMS can read sequential and partitioned OS data sets and sequential VSE files.

The following restrictions apply when CMS reads OS data sets that reside on OS disks:

- Except for VSAM, read-password-protected data sets are not read.
- BDAM and ISAM data sets are not read.
- Multivolume data sets are read as single-volume data sets. End-of-volume is treated as end-of-file and there is no end-of-volume switching.
- Except for VSAM, keys are ignored and only the data is read.
- User labels in user-labeled data sets are bypassed. The following restrictions apply when CMS reads VSE files that reside on DOS disks:
 - Only VSE sequential files can be read. CMS options and operands that do not apply to OS sequential data sets (such as the MEMBER and CONTACT options of FILEDEF and the PDS option of MOVEFILE) also do not apply to VSE sequential files.

- The following types of DOS files cannot be read:
 - VSE DAM and ISAM files
 - Files with the input security indicator on
 - VSE files that contain more than 16 extents

Note: User labels occupy the first extent; therefore, the file can hold only 15 additional data extents.
 - Multivolume files are read as single-volume files. End-of-volume is treated as end-of-file. There is no end-of-volume switching.
 - User labels in user-labeled files are bypassed.
 - Since VSE files do not contain BLKSIZE, RECFM, or LRECL parameters, these parameters must be specified via FILEDEF or DCB parameters; otherwise, defaults of BLOCKSIZE = 32760 and RECFM = U are assigned. LRECL is not used for RECFM = U files.
 - CMS does not support the use of OS/VS DUMMY VSAM data sets at program execution time. Specifying the DUMMY option with the DLBL command causes an error.
6. Assembler program usage of VSAM and the ISAM Interface Program (IIP) is not supported.
 7. If CMS cannot calculate a valid time, it will display *.* in place of n.nn or x.xx.
 8. Only those OS and DOS facilities that are simulated by CMS can be used to execute OS and VSE programs produced by language processors under CMS.
 9. Many types of object programs produced by CMS (and OS) languages can be executed under CMS using CMS's simulation of OS supervisory functions. Although supported in OS and VSE virtual machines under VM/SP the writing and updating of non-VSAM OS data sets and VSE files are not supported under CMS.
 10. Setting the PSW EC mode bit on is not recommended because CMS handles interrupts in BC mode only.
 11. CMS/DOS support is based on the VSE/Advanced Functions program product. With VSE, prior releases of VSAM are not supported under CMS/DOS.
 12. System logical units (SYSIN, SYSRDR, SYSIPT, SYSLST, and SYSPCH), are not supported for VSE formatted FBA devices because the SYSFIL function (SVC 103) of VSE is not supported under CMS/DOS.
 13. Programs compiled using CMS/DOS are not recommended for transfer directly to a VSE machine. The following explanations support this restriction:
 - The CMS/DOS VSE linkage editor is designed to link edit VSE programs under CMS/DOS only.
 - Programs compiled using the CMS/DOS assembler may have incorrect external symbol dictionaries. In this situation, the OS assembler is used. The OS assembler is **not** compatible with VSE.

- Some VSE macros and SVC's are simulated. The code generated is not complete under CMS/DOS.
- CMS handles interruptions in BC mode only, therefore, setting the PSW EC mode bit on is not recommended.

14. The maximum sizes (in cylinders or blocks) of CMS minidisks are as follows:

Device Type	Model(s)	CMS/VSAM	CMS 800-Byte Format	CMS 1K, 2K, or 4K Format
2314/2319	-	200 cyl	203 cyl	203 cyl
3310	-	126,016 blk	not supported	126,016 blk
3330	1 or 2	404 cyl	246 cyl	404 cyl
3330	11	808 cyl	246 cyl	808 cyl
3333	1	404 cyl	246 cyl	404 cyl
3333	11	808 cyl	246 cyl	808 cyl
3348	35	349 cyl	348 cyl	348 cyl
3348	70	696 cyl	682 cyl	696 cyl
3350	native mode	555 cyl	115 cyl	555 cyl
3370	A1 or B1	558,000 blk	not supported	558,000 blk
3370	A2 or B2	712,752 blk	not supported	712,752 blk
3375	--	959 cyl	182 cyl	959 cyl
3380	--	885 cyl	121 cyl	885 cyl

15. To ensure that the saved copy of the S-STAT or Y-STAT is current, a validity check is performed only for S-DISKS and Y-DISKS formatted in 1024, 2048, or 4096-byte CMS blocks. For 800-byte block disks, the saved copy of the S-STAT or Y-STAT is used.
16. Programs that operate under CMS should use documented interfaces. Those programs which modify DMSNUC or other CMS control blocks in order to accomplish their interfaces with the CMS system may hamper the performance and reliability of the system.

Miscellaneous Restrictions

1. The number of pages used for input/output must not exceed the total number of user pages available in real storage. Violation of this restriction causes the real computing system to be put into an enabled wait state.
2. When you define virtual devices for a virtual machine, you must consider free storage requirements for virtual device tables. Virtual device tables must reside in contiguous free storage, and sometimes enough is not available.

For Release 3.6, if you define more than 51 devices for a virtual machine, you may receive an error message because you need more than one page of contiguous free storage. The number "51" results from the size of the VDEVBLOK as it relates to a full page (512 doublewords) of free storage. Because the size of the VDEVBLOK varies from one release to the next, the device number will be different for each release. Consider the following to avoid the free storage problem:

- You need 512 doublewords of contiguous free storage for every (512/VDEVBLOK size) virtual devices. (For Release 3.6, the size of the VDEVBLOK is 10 doublewords. 512 divided by 10 is 51.2. Thus, if you define more than 51 devices you need more than one page of contiguous free storage.

- Virtual machines with more than 51 devices should be the first to logon after IPL. Contiguous pages of free storage are sure to be available only immediately after IPL, before other virtual machines have logged on.
 - For the current size of the VDEVBLOK (virtual device block), see *VM/SP HPO Data Areas and Control Block Logic- CP*.
3. If the number of virtual devices exceeds the formula (7FFF divided by the VDEVBLOK size) unpredictable results may occur. This is due to the design usage of the virtual control block structure.
 4. For remote 3270's, VM/SP High Performance Option supports a maximum of 256 binary synchronous lines, minus one (if there are any 3704/3705 Communications Controllers in emulation mode).
 5. If an I/O device (such as a disk or tape drive) drops ready status while it is processing virtual I/O activity, any virtual machine users performing I/O on that device are unable to continue processing or to log off. Also, the CP commands LOGOFF and FORCE are not effective because they do not complete until all outstanding I/O is finished. The system operator should determine which I/O device is involved and make that device ready.
 6. Any modifications to local OPTIONS COPYFILE, unless otherwise specified in existing documentation, is not supported.
 7. If an installation is using an IBM 3031, 3032, or 3033 processor, it must dedicate the service record file (SRF) device to the control program. Thus, the channel on which the SRF is located cannot be dedicated to any virtual machine.
 8. When using the SPOOL, DEDICATE, and SPECIAL directory control statements to define virtual devices, specify virtual addresses that do not conflict or contend with the virtual control unit interface. This conflict or contention occurs because devices can require special I/O interface protocol from control units such as shared and nonshared subchannel operations. Putting devices that require different real control units on the same virtual control unit can result in a hung or busy condition. To avoid this problem, users must define (and separate) devices within their own control unit range. For example, if the entry specifies:

```
SPOOL 102 3211
SPECIAL 103 3270
```

the control unit 0 on channel 1 controls both a nonshared device (the 3211 printer) and a shared device (the 3270 display unit). Processing of channel programs involving these two devices can result in a hung or busy condition.

9. Logical device support is not designed to simulate all aspects of real device support. Some instances are:
 - Logical device support always presents the channel status words Channel End and Device End to the virtual machine at the same time.
 - Logical device support does not manipulate the PCI bit in the CCW.
 - Only the I/O ending status is returned to the virtual machine. Never the initial status.

10. When using two channel-to-channel adapters dedicated to virtual machines and the CTCAs are operating on the same channels on each processor, the virtual machines should use the control CCW to prevent locking out the channel.
11. The SEREP program is not supported as a service strategy on the 4341, 4381, 308x processor complex, and 3090 processors.
12. When sending a large graphics data stream, a user may incur a performance degradation.
13. When TERMINAL CONMODE 3270 is invoked, tracing should not be performed at the same console; the results are unpredictable.
14. If using CONMODE 3270 with a guest system control program such as MVS, SCRNSAVE ON must be specified. If not specified, unpredictable results can occur.
15. If a terminal has an inhibited (non-display) read up and either a delayed PF key or an undefined PF key is used, the input area will be rewritten without the inhibited attribute byte. Any data typed in at this point is displayed. To rewrite the inhibited read, use the clear key after using the PF key.
16. VM/SP High Performance Option does not support the VM/System Product Small CP Option.
17. If a NETWORK ENABLE is issued to a device with advanced features and a NETWORK ATTACH is issued prior to powering the device on, then the advanced features will be non-operational. The device must be powered on and enabled prior to the NETWORK ATTACH.
18. The DIAL command does not reset a 3278-Mod 4 to default mode (a 24 line screen) after the system has switched the terminal to alternate mode (a 43 line screen). Alternate mode is initiated after the system has written the logo and issued an erase write alternate to the screen.
19. In Single Processor Mode, CP owned volumes must be on strings and control units that are not online to the MVS native side.
20. Support of the 3800 as a non-dedicated virtual spooling device does not save the loaded FCB between spool files. When a virtual spool file is closed, the loaded FCB is not kept. When a spool file is opened, a default FCB is set. A X'63' (LOAD FCB) CCW must be issued to set up any other FCB for the spool file. This support is inconsistent with VM/SP HPO support of other virtual spooling devices, such as the 3211.
21. Do not use volume identifiers for SYSRES or CP-owned volumes that are the same as volume IDs specified for dedicated volumes or minidisk volumes.
22. When using the virtual channel-to-channel adapter, it is possible to receive a spurious attention interrupt after receiving attention plus busy in response to a data transfer operation. The spurious attention interrupt might occur if both virtual CTCAs are doing the same data transfer operation (for example, if both are doing writes or both are doing reads).

23. Do not define swap areas on the following types of devices:
 - 3310 or 3370 FBA devices
 - 3375 or 3380 devices equipped with Extended-Count-Key-Data support that are not attached to a high speed channel
 - 2314 or 3340 disk devices
24. Allocate paging and spooling areas on pseudo cylinder boundaries for FBA devices. This is necessary because the system does not use pages outside of cylinder boundaries even though these pages are within allocation extents.
25. If the system terminates the Input/Output Configuration Program (IOCP) prematurely while an input/output configuration data set write is in progress, the CP IOCP write lock will remain set. To clear the lock, you must do one of the following:
 - Rerun the IOCP program to completion.
 - Perform a virtual system restart.
 - Re-IPL the virtual machine.
26. The total number of area specifications in all the SYSPAG macros cannot exceed 255.
27. You can specify a given void only once on the same SYSPAG macro. However, you can specify a given void on different SYSPAG macros.
28. Areas that you specify as TYPE = PS on a SYSPAG macro must be areas allocated as TEMP by DMKFMT.
29. Areas that you specify as TYPE = DU on a SYSPAG macro must be areas allocated as DUMP by DMKFMT.
30. When the VM/SP HPO product is installed, the system cannot be shutdown by an IPL of a new nucleus.
31. When migrating between VM/SP HPO Release 3.4 and 3.2, if you have spool files on FBA devices, a warmstart is not permitted. To recover spool files, perform a checkpoint start and then issue the SPTAPE command.
32. When a real channel uses a hardware LIFO stacking mechanism, missing interrupts may occur at the control unit level. Because the hardware LIFO mechanism stacks the interrupts in the channel, the channel may present the control unit end interrupt to the host *before* it presents the control unit busy interrupt. Use the missing-interrupt handler to relieve this situation.
33. If you attach a channel to a virtual machine, any device on that channel may experience trouble when the virtual machine issues an Assembler Language Clear Channel (CLRCH) command.
34. In order to defer error processing, VM uses the stacking of CPEXBLOKs to device-dependent error recovery modules. Subsequent interrupts may occur before error processing is completed for the first interrupt. As a result, two CPEXBLOKs may be stacked to the ERP module for the same IOBLOK.
35. An MVS guest operating system using preferred machine assist, single processor mode, or non-disruptive transition on the 3090 processor, must use the release of MVS currently supported on the 3090 processor.

Index

A

abbreviations
 message 2
abend
 See abnormal termination (abend)
abnormal termination (abend)
 CMS
 action for 48-50
 codes 48-50
 reason for 48-50
 recovery 45
 collect information 15
 CP
 codes 18-45
 dump 15
 reason for 18-45
 CP abend codes 18-45
 in CMS 45
 in CP 15
 problem determination 15, 45
 recovery 45

C

channel programs
 dynamically modified 645-646
characteristics
 virtual machine 650-654
CMS (Conversational Monitor System)
 abnormal termination (abend)
 action for 48-50
 codes 48-50
 collect information 45
 problem determination 45
 reason for 48-50
 recovery 45
 command-to-message cross-reference 483-510
 dump at abnormal termination 45
 error messages 191-395
 CMS Editor 397-403
 CMS EXEC interpreter 407
 DEBUG command 404-406
 VM/SP System Product Editor 191-395
 messages
 alphanumerically by message
 identifier 542-571
 command-to-message cross reference 483-510
 message text-to-message identifier
 cross-reference 612-638
 message-to-module cross-reference 582-588
 restrictions 657-659

 return codes 6
CMS commands
 See CMS (Conversational Monitor System)
CMS EDIT subcommand
 messages 397-403
CMS Editor messages 397-403
CMS EXEC messages 407
codes
 abend
 CMS 48-50
 CP 18-45
 wait state
 CP 6
 loader 11-14
 RSCS 15
command-to-message cross-reference
 CMS 483-510
 CP 465-482
 IPCS 516-517
 RSCS 511-516
Control Program
 See CP (Control Program)
control switch assist 656
Conversational Monitor System
 See CMS (Conversational Monitor System)
CP (Control Program)
 abnormal termination (abend)
 action for 18-45
 codes 18-45
 dump 17
 reason for 18-45
 SET DUMP command 17
 TAPE DUMP command 17
 VMFDUMP command 17
 command-to message cross-reference 465-482
 error message numbers 2
 error messages 51-189
 messages
 alphanumerically by message
 identifier 519-541
 command-to-message cross-reference 465-482
 message text-to-message identifier
 cross-reference 591-611
 message-to-module cross-reference 577-581
 problem determination 2
 return codes 6
 wait state codes 6-11
 description of 6-11
CP commands
 See CP (Control Program)
cross-reference
 command-to-message
 CMS 483-510
 CP 465-482
 IPCS 516-517
 RSCS 511-516

message text-to-message identifier

CMS 612-638
CP 591-611
IPCS 642-643
RSCS 639-641

message-to-module

CMS 582-588
CP 577-581
IPCS 590
RSCS 589

D

DDR command

return codes 6

DEBUG command

error messages 404-406

debugging

for CMS abnormal termination (abend) 45

for CP abnormal termination (abend) 2, 17,
18-45

dependencies

timing 648-649

Device Support Facility disk initialization program

messages 451-464

DIAGNOSE instructions

use with control switch assist 656

diagnostic messages

Device Support Facility 451-464

DIRECT command

return codes 6

displaying message identifier 2

displaying messages

at the terminal 2

default settings 2

E

error messages

CMS 191-395

CMS EXEC interpreter 407

CP 51-189

DEBUG command 404-406

Device Support Facility 451-464

EXEC 2 interpreter 407

IPCS 441-451

RSCS 411-439

errors

action

by general user 2

by system operator 2

EXEC 2

messages 407

F

format of messages

identifier 1

text 1

functions

channel

model-dependent 650

processor

model-dependent 649

G

general user

action on CP errors 2

I

Interactive Problem Control System

See IPCS (Interactive Problem Control System)

IPCS (Interactive Problem Control System)

messages 441-451

alphanumerically by message

identifier 575-576

command-to-message cross-reference 516-517

message text-to-message identifier

cross-reference 642-643

message-to-module cross-reference 590

return codes 6

L

loader

wait conditions 11-14

wait state codes 11-14

M

Mass Storage System (MSS)

restrictions 654

message

format 1

identifier 1

message number

description of 1

message summary

alphanumerically by message identifier

CMS 542-571

CP 519-541
 IPCS 575-576
 RSCS 572-574
 message syntax conventions 2
 message text-to-message identifier cross reference
 CMS 612-638
 CP 591-611
 IPCS 642-643
 RSCS 639-641
 message-to-module cross-reference
 CMS 582-588
 CP 577-581
 IPCS 590
 RSCS 589
 messages
 CMS EDIT subcommand 397-403
 CMS EXEC interpreter 407
 DEBUG command 404-406
 default setting for displaying 2
 diagnostic
 Device Support Facility 451-464
 displaying at the terminal 2
 error
 CMS 191-395
 CP 51-189
 Device Support Facility 451-464
 IPCS 441-451
 RSCS 411-439
 EXEC 2 interpreter 407
 format 1
 identifier
 message number 1
 module code 1
 prefix 1
 type code 1
 special 2
 syntax conventions 2
 abbreviations 2
 System Product Editor 1
 text 1
 MNOTES 2
 model-dependent functions
 channel 650
 processor 649
 module code
 description of 1
 MSS restrictions 654

P

PER command
 when not to use 656
 preferred machine assist
 summary of restrictions 656
 prefix
 description of 1
 problem determination
 CP procedures 2

general user action 2
 system operator action 2

R

RC
 See return codes
 Remote Spooling Communication Subsystem
 See RSCS (Remote Spooling Communications System)
 responses
 unnumbered 2
 restrictions
 CMS 657-659
 minidisk 646-648
 miscellaneous 659-662
 MSS 654
 VM/SP HPO 645-662
 when using preferred machine assist 656
 return codes
 CMS
 DDR command 6
 example of 6
 CP
 DIRECT command 5
 example of 5
 IPCS 6
 RSCS (Remote Spooling Communications System)
 error messages 411-439
 messages
 alphamerically by message
 identifier 572-574
 command-to-message cross-reference 511-516
 message text-to-message identifier
 cross-reference 639-641
 message-to-module cross-reference 589
 wait state codes 15
 RSCS commands
 See RSCS (Remote Spooling Communications System)

S

severity codes
 meanings 1
 types 1
 special message facility 2
 subcommands
 DEBUG messages 404-406
 EDIT messages 397-403
 syntax conventions
 messages 2
 system operator
 action on CP errors 2
 System Product Editor

See Virtual Machine/System Product(VM/SP)

T

terminals
displaying messages at 2
termination
abnormal
 CMS abend codes 48-50
 CP abend codes 18-45
type code
description of 1

V

virtual machine characteristics 650-654
Virtual Machine/System Product (VM/SP) High
Performance Option
restrictions 645-662
Virtual Machine/System Product(VM/SP)
System Product Editor 1
VM/SP
See Virtual Machine/System Product(VM/SP)
VM/SP High Performance Option
restrictions 645-662

W

wait state codes
CP 6-11
loader 11-14
RSCS 15

Order No. SC19-6226-4

This manual is part of a library that serves as a reference source for systems analysts, programmers, and operators of IBM systems. You may use this form to communicate your comments about this publication, its organization, or subject matter, with the understanding that IBM may use or distribute whatever information you supply in any way it believes appropriate without incurring any obligation to you. Your comments will be sent to the author's department for whatever review and action, if any, are deemed appropriate.

Note: Copies of IBM publications are not stocked at the location to which this form is addressed. Please direct any requests for copies of publications, or for assistance in using your IBM system, to your IBM representative or to the IBM branch office serving your locality.

How did you use this publication?

- [] As an introduction [] As a text (student)
[] As a reference manual [] As a text (instructor)
[] For another purpose (explain) _____

Is there anything you especially like or dislike about the organization, presentation, or writing in this manual? Helpful comments include general usefulness of the book; possible additions, deletions, and clarifications; specific errors and omissions.

Page Number:

Comment:

NOTE: STAPLES CAN CAUSE PROBLEMS WITH AUTOMATIC MAIL-SORTING EQUIPMENT.
PLEASE USE PRESSURE-SENSITIVE OR OTHER GUMMED TAPE TO SEAL THIS FORM.

What is your occupation? _____

Newsletter number of latest Technical Newsletter (if any) concerning this publication: _____

If you wish a reply, give your name and address: _____

IBM branch office serving you _____

Thank you for your cooperation. No postage stamp necessary if mailed in the U.S.A. (Elsewhere, an IBM office or representative will be happy to forward your comments or you may mail directly to the address in the Edition Notice on the back of the title page.)

Reader's Comment Form

Fold and Tape

Please Do Not Staple

Fold and Tape



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

BUSINESS REPLY MAIL
FIRST CLASS PERMIT NO. 40 ARMONK, N.Y.



POSTAGE WILL BE PAID BY ADDRESSEE:

**International Business Machines Corporation
Department 52Q
Neighborhood Road
Kingston, New York 12401**

Fold and Tape

Please Do Not Staple

Fold and Tape



SC19-6226-4

VM/SP HPO System Messages and Codes File No. S370-40 Printed in U.S.A. SC19-6226-4

IBM[®]

SC19-6226-04

