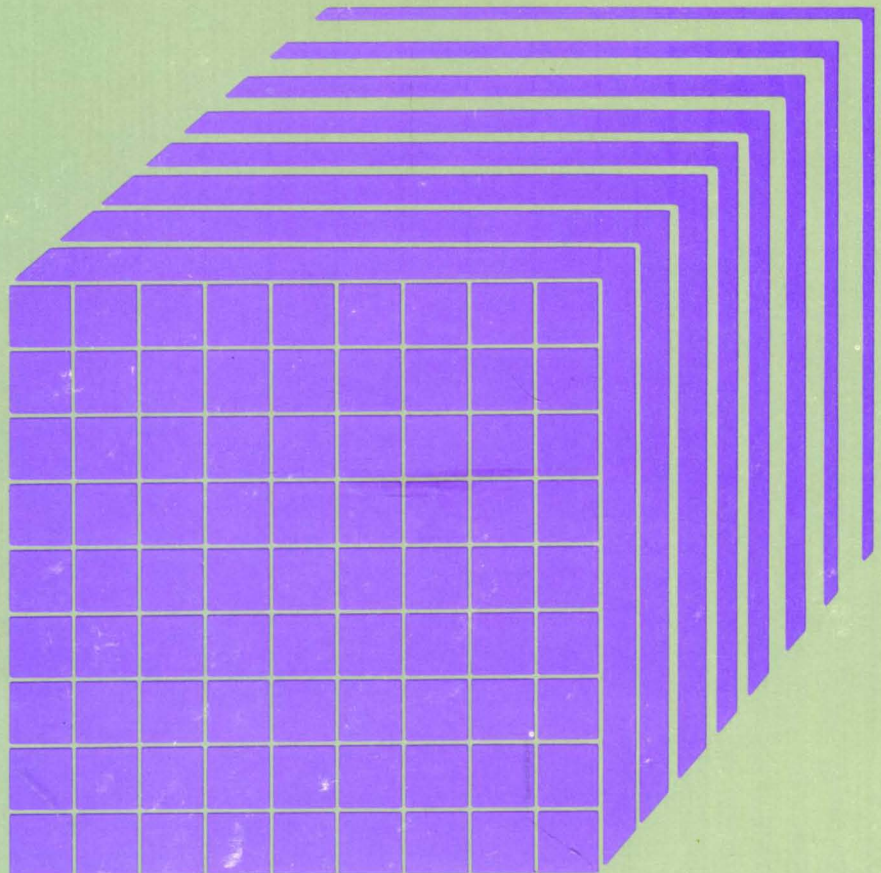


IBM

Virtual Machine/
System Product

**System Messages and
Codes**

Release 3

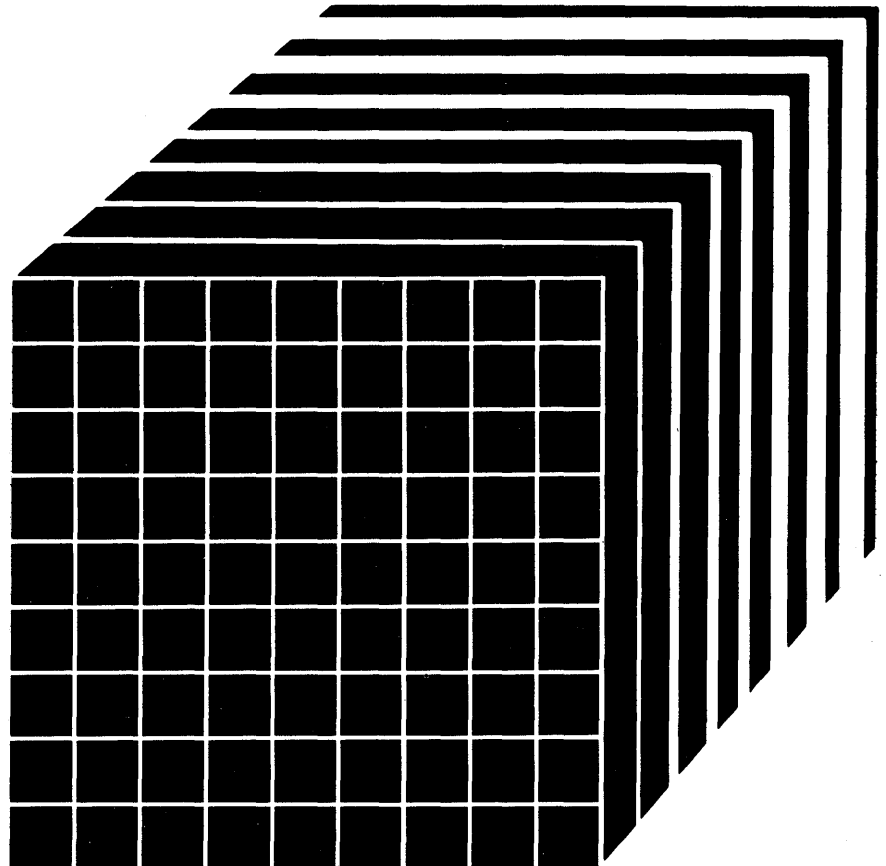




Virtual Machine/
System Product

**System Messages and
Codes**

Release 3



The term VM/SP, as used in this publication, refers to VM/SP when used in conjunction with VM/370 Release 6.

Third Edition (September 1983)

This edition is a major revision of SC19-6204-1 and Technical Newsletter SN24-5737, dated November 1, 1982. This edition applies to Release 3 of the IBM Virtual Machine/System Product (VM/SP) and to all subsequent releases until otherwise indicated in new editions or Technical Newsletters.

Summary of Amendments

For a detailed list of changes, see page iii.

Technical changes and additions to text and illustrations are indicated by a vertical bar to the left of the change.

Changes are periodically made to the information contained 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.

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SUMMARY OF CHANGES

Summary of Changes for SC19-6204-2 for VM/SP Release 3

PER Command

The PER command is added to allow monitoring of certain events in the user's virtual machine as they occur during program execution.

CMS Performance Enhancements

The CMS performance enhancements include: LISTFILE and RENAME migration, reduction of the SCBLOCK look-aside buffer, removal of the CMSSEG segment, and an enhancement to the GLOBALV command.

SQL/DS Support

CP and CMS changes and enhancements have been included in VM/SP Release 3 to allow SQL/DS to operate on VM/SP without either a guest VSE operating system or VSE/VSAM. These enhancements are provided in a general manner so that other applications may take advantage of them.

Nucleus Reduction

The CP resident nucleus has been modified by:

- making all or part of selected resident modules pageable
- constructing new modules from portions of selected resident modules so that you can delete current modules from the loadlist
- eliminating duplicate code in selected resident modules
- conditionally assembling AP/MP-only code

CATCHEK Support

CATCHECK is a new CMS command. The CATCHECK command allows the CMS VSAM user (with or without DOS set ON) to invoke the VSE/VSAM Catalog Check Service Aid to verify a complete catalog structure. CATCHECK produces a print file containing the catalog analysis.

DMSDOS Split

The DMSDOS module receives initial control on all VSE SVC invocations. Several SVCs have been split from the DMSDOS module and eleven new modules were created, all residing in the DMSDOS

discontiguous shared segment (DCSS). This was done to improve serviceability and maintainability. DMSDOS invokes the appropriate processing routines, and control returns to DMSDOS upon completion.

VM/SP Release 3 supports a new operand for SVC107, PCEXIT, which returns the pcehit routine address and save area in register 0 and register 1, respectively.

Also, CMS/DOS now simulates the VSE IDUMP macro. When a program product issues the VSE IDUMP macro, a dump is generated and sent to a virtual printer.

Assembler Language VSAM Support

CMS supports VSAM macros for use in CMS programs. All of the VSE/VSAM macros and their options and a subset of the OS/VSAM macros are supported by CMS.

System Product Interpreter Support

The System Product Interpreter is an interpretive command and macro processor. It may help you increase productivity with the creation and execution of EXEC-type command procedures and programs. Its functions are easy to learn and are written in a high-level language, known as the Restructured Extended Executor (REXX) language.

Programmable Operator Facility Enhancements

Several enhancements have been added to the Programmable Operator Facility. Among them are:

- message routing with nicknames
- availability enhancements
- enhanced text comparison
- EXEC action routines
- Enhancements to message recording and error handling (logging)

Enhancements to the SYSTEM PRODUCT EDITOR

Enhancements to the System Product Editor provide new or improved support in the following areas:

- color and extended highlighting
- prefix macros

- selective line editing
- screen layout control, including vertical screen split
- PF key changes
- several new functions
- modifications to miscellaneous existing functions

3088 Multisystem Communications Unit Support

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

Printer and Tape Support

VM/SP Release 3 includes support for the following printer and tape devices:

- 3262 Printer, Model 5
- 3800 Printing Subsystem Models 3 and 8
- 4245 Line Printer
- 4250 Printer
- 3430 Magnetic Tape Subsystem

Miscellaneous

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

Summary of Changes for SC19-6204-1 as Updated by SN24-5737 for VM/SP Release 2

Missing Interrupt Handler

The missing interrupt detector has been extended, so that CP not only detects missing interrupt conditions, but also attempts to correct them. CP informs the system operator whether or not the corrective action was successful.

To help give you the optimum system availability, the missing interrupt handler allows you to vary the time interval allowed for I/O completion for the supported devices.

3880 Speed Matching Buffer (Feature #6560)

The 3880 Speed Matching Buffer Feature for the IBM 3375 uses a 16K-byte storage buffer to modify the direct access data transfer path between the 3375 and the multiplexer channel. The feature allows attachment of the 3375 Direct Access Storage Device, with its 1.859 megabytes per second rate, to block multiplexer channels with data rates as low as 1.5 megabytes per second, as well as to high speed multiplexer channels.

Miscellaneous

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

**Summary of Changes
for SC19-6204-1
for VM/SP Release 2**

Programmable Operator Facility

This facility provides the capability to: log messages, suppress messages, redirect messages, execute messages, or preprogram message responses. The capabilities are under control of an editable message routine table in a CMS file.

Inter-User Communication Vehicle (IUCV) enhancements for message handling are also included.

CMS Nucleus Restructured

This facility provides a CMS system that is more flexible and extendible for development, serviceability, and maintenance purposes.

Trace Table Recording Facility

This facility records a history of system operations on spool. Selective recording of CP trace entries by type, VMBLOK address, interrupt code, and device type is provided. In addition, user-generated information from a virtual machine and CP information can be included. A utility program provides the user with the capability to print the collected information or display it on a terminal.

New CMS End-User Functions

New CMS end-user functions provide assistance for non-professional and professional users in utilizing the system.

New CMS Productivity Aids

New CMS productivity aids provide the DP professional with several productivity enhancements.

Miscellaneous

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

**Summary of Changes
for SC19-6204-0
as Updated by SN24-5704
for VM/SP Service Level 110**

**VM/SP Support for 3375 Input/Output
Configuration Program**

The VM/SP version of the Input/Output Configuration Program allows an installation to specify the I/O configuration of the 3081 Processor Complex using CMS.

**VM/SP Support for 3380 Speed-Matching
Buffer (Feature #6550)**

The 3380 Speed-Matching Buffer uses a 32K storage buffer to modify the direct access data transfer path between the channel and the device. This feature allows attachment of the 3380 to either standard or high-speed System/370 channels.

Miscellaneous

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

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).

Two components, CP and CMS, have been extensively modified and integrated into a VM/370 Release 6 base. This collective package (CP, CMS, RSCS, and IPCS) is referred to as VM/SP. The components RSCS and IPCS are technically at a Release 6 level of the product. They do not contain new function supportive of the new CP and CMS functions. However, there are recommended program products, (Remote Spooling Communication Subsystem (RSCS) Networking, program number 5748-XP1) and (Interactive Problem Control System (IPCS) Extension, program number 5748-SAL) available that have been technically advanced to function supportively with VM/SP.

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

The "Introduction" contains:

- The format of messages VM/SP 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
- CP abend codes
- CMS abend codes

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

- Control Program (CP) Messages
- Conversational Monitor System (CMS) Messages

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 Restrictions
- User Documentation Page

References to a stand-alone dump occur in various messages in this publication. One such program is the BPS Storage Print program, Program No. 360-UT-056.

Messages with 4nxx identifiers (CMSBAM, CMSVSAM, and CMSAMS) are documented in other message manuals, as described under "Introduction."

The following terms in this publication are defined as follows:

- "GAM/SP" refers to the IBM Graphic Access Method/System Product, 5668-978.
- "270x" refers to IBM 2701, 2702, and 2703 Transmission Control Units or the Integrated Communications Adapter (ICA) on the System/370, Model 135.
- "3088" refers to the 3088 Multisystem Communications Unit (MCU) Models 1 and 2.
- "3270" refers to a series of display devices, that are supported as VM/SP terminal display stations. A specific device type is used only when a distinction is required between device types.

The use of display terminals is applicable to VM/SP supported system consoles used in display mode only.

Information pertaining to the IBM 3284 or IBM 3286 printers includes any printers used for the display terminal copy function unless otherwise noted.

- "3330" refers to the IBM 3330 Disk Storage, Models 1, 2, or 11; the IBM 3333 Disk Storage and Control, Models 1 or 11; and the IBM 3350 Direct Access Storage operating in 3330/3333 Model 1 or 3330/3333 Model 11 compatibility mode.
- "3375" refers to the IBM 3375 Direct Access Storage Device.
- "370x" refers to IBM 3704 and IBM 3705 Communications Controllers.
- "3705" refers to the 3705 I and the 3705 II unless otherwise noted.
- "FB-512" refers to the 3310 and the 3370 Direct Access Storage Devices.

PREREQUISITE PUBLICATIONS

Virtual Machine/System Product:

Introduction, GC19-6200

CMS Command and Macro Reference, SC19-6209

CP Command Reference for General Users, SC19-6211

Operator's Guide, SC19-6202

IBM Virtual Machine Facility/370:

Remote Spooling Communications Subsystem (RSCS) User's Guide, GC20-1816

Note: The VM/SP user should be aware that for more effective use of RSCS, the RSCS Networking Program Product (5748-XP1) is available and recommended.

Interactive Problem Control System (IPCS) Users Guide, GC20-1823

Note: The VM/SP user should be aware that for more effective use of IPCS, the IPCS Extension Program Product (5748-SA1) is available and recommended.

VSE/Advanced Functions Messages, SC33-6098

VSE/VSAM Messages and Codes, SC24-5146

IBM Virtual Machine/System Product and Stand-Alone Versions: Input/Output Configuration Program User's Guide and Reference, GC20-1843

Corequisite Publication

Virtual Machine/System Product:

Planning Guide and Reference, SC19-6201

Installation Guide, SC24-5237

System Programmer's Guide, SC19-6203

EXEC 2 Reference, SC24-5219

System Product Editor User's Guide, SC24-5220

System Product Editor Command and Macro Reference, SC24-5221

Data Areas and Control Block Logic Volume 1 (CP), LY24-5220

Data Areas and Control Block Logic Volume 2 (CMS), LY24-5221

Also corequisite are programmer's guides to the various language processors. For anyone who used the CMS ESERV command under CMS/DOS, the Guide to the DOS/VSE Assembler, GC33-4024, is a corequisite because it contains all the ESERV error messages.

The access method services (IDC-prefix) messages, the access method services return and reason codes, and the VSAM error codes are contained in the VSE/VSAM Messages and Codes, SC24-5146.

Error messages issued by the OS/VS and DOS/VS Analysis Program-1 (AP-1) are described in the OS/VS and DOS/VS Analysis Program-1 (AP-1) User's Guide, GC26-3855.

Messages received at the operator's console of the OS/VS virtual machine used in support of the Mass Storage System (MSS) are documented in the OS/VS Message Library: Mass Storage System (MSS) Message, GC38-1000.

The OS/VS EREP messages that are issued in the VM/370 CMS environment are documented in the OS/VS, DOS/VSE, VM/370 EREP Messages, GC38-1045.

The GENIMAGE messages issued by the IEBIMAGE utility program can be found in the OS/VS Utilities Messages, GC38-1005.

Messages issued by the DOS/VS Sort/Merge Version 2 Program Product (5746-SM2) are described in the publication DOS/VS Sort/Merge Version 2 Programmer's Guide, SC33-4404.

Message issued by the IBM Graphics Access Method/System Product, 5668-978, are described in the publication CMS GAM/SP User's Guide, LC33-0126.

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INTRODUCTION

This section describes:

- The format messages VM/SP program product generates.
- Syntax conventions used in this publication.
- CP problem determination procedures.

VM/SP MESSAGE FORMAT

VM/SP 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:

xxxmmnnns

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 1.

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).

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

Figure 1. Types and Meanings of Severity Codes

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 Storage 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 CP Command Reference for General Users, and the VM/SP 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 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 [...] may be optionally left out, depending on the condition arising.

See Figure 2 for a list of variables used in this publication.

Variable	Meaning
'...'	Alphameric information
addr	Storage address
bbcchh	Bin, cylinder, and head
callee	Routine called by another executing routine
caller	Routine doing the calling
caw	Channel address word
cc	Cylinder number
cde	Code
char	Character
col	Column
csw	Channel status word
cuu	Virtual device address
cyl	Cylinder
dasd	Direct access storage device
device name	Mnemonic name for cuu
device type	IBM device type
fileid	fn ft [fm]
fm	filemode
fn	filename
ft	filetype
libname	Library Name
mode	Mode letter or mode letter and mode number
name	Saved system name
nn	Decimal information
nnnnnn	Block numbers
psw	Program status word
raddr	Real storage address
rc	Return code
rid	Resource information
rr	Record number
ssssssssss	Sense bytes
svc	Supervisor call number

Variable	Meaning
ucs	Universal character set
vaddr	Virtual storage address
xx	Hexadecimal information

Figure 2. Variables Used

CP PROBLEM DETERMINATION

CP error messages are divided into several categories according to the number (nnn) of the message. See Figure 3 for a complete list of message numbers and related functions.

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 3. CP Error Message Numbers

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

QUERY VIRTUAL

4. 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:

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

SET EMSG ON

3. Obtain the real machine's configuration status by issuing the CP command:

QUERY ALL

4. Reissue the CP command that has been causing the errors. If the problem recurs, force a CP abend 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 Glossary and Master Index, Order Number GC19-6207 for unfamiliar terms used in this publication.

SYSTEM CODES

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 4. 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 4. 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 5. 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 5. 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 6. 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

Figure 6. 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 3081 and 4341 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 3081 and 4341 processors as you will get invalid results.

003

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.

004

Explanation: A console or an output device is not operational, or a console or output device has produced an inexplicable error status. Probable hardware error. Issued by module DMKDMP.

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.

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 DMKWARM.

Operator Response: If the message is DMKWARM904W or DMKWARM921W, immediately retry warm start system initialization. If the error message recurs, move the VM/SP SYSRES pack to another location and try a warm start again. If message DMKWARM903W or DMKWARM912W 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 DMKWARM920W, 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 3081 and 4341 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 3081 and 4341 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 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 3081 and 4341 processors as you will get invalid results.

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

Note: VM/SP 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 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 3081 and 4341 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 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 STOPped. If neither processor has been manually stopped, there is probably a hardware error associated with the SIGP function.

01B

Explanation: A wrong or inconsistent allocation extent was found on during IPL. Issued by DMKCPI.

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

Note: The problem can occur even when the allocation extent map looks correct, if the system residence volume was restored or copied from a different sized FB-512 device (for example, from 3370 to 3310). Running IPL FMT's allocation function with END as the sole entry will fix this.

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 <u>VM/SP Planning Guide and Reference</u> .)
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 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 can occur if the address at which loading was to start was changed by an SLC card.

Operator Response: Check the SLC card to make sure it does not specify an address between 0 and 100. If you must place

data at an address in that range, do not do it with the loader, but use a program to place the data there with a Move Character instruction after the loaded system has started execution. It is the responsibility of the loaded program to initialize that part of storage.

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: Reexecute 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.

CP ABEND CODES

SYSTEM OPERATOR ACTION

When an abend occurs, the system operator must follow several steps to enable the error to be corrected.

1. Collect information about the error.
2. Collect information about the system status.
3. Recover from the abend so processing can continue.

Collecting Information

Unless the operator has issued the SET DUMP command and changed the default (which he should not do, generally), the system is set for SET DUMP AUTO CP. When an abend occurs, this causes the dump to be written on disk as a spool file. This spool file is automatically spooled to the virtual reader of the operator who was designated at system generation time to receive all dumps. This operator should then IPL CMS and issue the VMFDUMP command (see the VM/SP Operator's Guide). This formats the dump and prints it. This procedure should be followed for every abend.

For problem determination, the operator should save and submit:

1. The formatted dump.
2. The console sheet, as far back as the last IPL of the system.
3. The output of any Monitor program running at the time.

If an APAR (authorized program analysis report) is to be submitted, the documentation provided with it should include, in addition to the above, a load map showing applied updates and resolved locations. You can obtain as many copies of the load map as you need if, at system generation time, you respond "RDR" to the prompting message:

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

This sends to your virtual reader a copy of the load map, which can be read in as a CMS file named, for example, LOAD MAP.

When it is desirable to take a dump to tape and send the dump to another location (for example, when submitting an APAR by mail), use the following procedure:

1. Allow the dump to be written to a spool file by issuing
SET DUMP CP
2. Format this spool file and write it onto a CMS disk by issuing
VMFDUMP NOPRT
3. Write this disk file on tape by issuing the CMS command

TAPE DUMP

You can then send this tape to another location, where the file can be recreated on disk using the TAPE LOAD command.

Recovering from the Abend

The system usually reloads (via IPL) itself. If it does not, attempt to warm start. You may get errors from which you can recover; if so, correct the cause of the error and try again to warm start. If unrecoverable errors occur, clear storage and try to checkpoint (CKPT) start. If this fails, try to force start. If this also fails, as a last resort you must cold start the system.

SYSTEM PROGRAMMER ACTION

Figure 7 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 VMBLOCK 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 VMBLOCK to see if the VMBLOCK is locked by the attached processor. If so, VMLOCKER contains the base address of the obtainer of 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 VMABLOCK 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 RDEVBLOCKS 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 ACCRETBL have been altered. Investigate the routine that would allow alteration.
ATS006	The resident page count in the VMBLOCK (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 7 (Part 1 of 25). 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 routine by means of the return address and the base register in the save 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. SAVER13 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 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: <ul style="list-style-type: none"> • X'01' LOAD SYS • X'02' FIND SYS • X'04' PURGE SYS 	Identify the caller by the return address and base register in the save area pointed to by R13 to identify the source of the unsupported function request.
CFP001	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 CPEXBLOK does not exist on the VRRCPLEX. Queue to resume the task.

Figure 7 (Part 2 of 25). CP Abend Codes

Abend Code	Reason for Abend	Action
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. R11 contains the address of the user's VMBLOK. If invalid, the user's virtual I/O configuration has been altered because of the abend. Examine the dump to determine how it was altered.
CKS001	The map for a 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 DMKWORM. Check DMKWORM 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 RDEVBLK 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 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.

Figure 7 (Part 3 of 25). CP Abend Codes

Abend Code	Reason for Abend	Action
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 standalone 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.
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.
CP0003	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 online path information for these devices. The online path information in REDEVPTHS 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.

Figure 7 (Part 4 of 25). CP Abend Codes

Abend Code	Reason for Abend	Action
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.
CQP001	DMSCHRA 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. DMKSNRA 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 probably invalid.
CQQ001	DMSCNRA 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. DMKSNRA 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 probably invalid.
CVT001	The system TOD clock is in error or is not operational.	Call IBM for hardware support to fix the clock.
DRD001	The device code index in the compressed DASD address for the system dump file points to an RDEVBLK for an invalid DASD. The valid DASDs are 2305, 2314/2319, 3330, 3340, 3350, 3375, 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.

Figure 7 (Part 5 of 25). CP Abend Codes

Abend Code	Reason for Abend	Action
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.
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 VDEVBLK 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 VMRRCT, (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 in attached processor mode.	Use the trace table to help determine the caller of DMKDSPRU.

Figure 7 (Part 6 of 25). CP Abend Codes

Abend Code	Reason for Abend	Action
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.
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 FREE13 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.
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 the 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.

Figure 7 (Part 7 of 25). CP Abend Codes

Abend Code	Reason for Abend	Action
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 R0) 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 result 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 decremented to minus 1, thus generating an executed length code of X'FF', or an effective length of 256 bytes.
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).
FRE009	The address of the free storage block being returned matches the second block in the subpool for that size.	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.
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.

Figure 7 (Part 3 of 25). CP Abend Codes

Abend Code	Reason for Abend	Action
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 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 module 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.
FRE014	DMKFRE must defer satisfying a free storage request when it is necessary to call DMKPRTFR 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 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.

Figure 7 (Part 9 of 25). CP Abend Codes

Abend Code	Reason for Abend	Action
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 is unrecognizable.	The RDEVBLK 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 RDEVBLK 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 RDEVBLK to determine the last operation.
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 RDEVBLK 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 DMKICS, 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 not available path online. That is, the online path status in RDEVPTHS does not match the status indicated by RDEVDISA.	Examine the trace table and storage dump to determine what routine has incorrectly altered either RDEVDISA or RDEVPTHS.

Figure 7 (Part 10 of 25). CP Abend Codes

Abend Code	Reason for Abend	Action
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 IOBs, 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.
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.
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 <u>VM/SP System Programmer's Guide</u>).
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 7 (Part 11 of 25). 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).	Same as IUE001.
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 7 (Part 12 of 25). 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 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 number.</p>	<p>Inspect module that updated 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 7 (Part 13 of 25). CP Abend Codes

Abend Code	Reason for Abend	Action
PGT001	<p>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.</p>	<p>The RDEVALLN field of the RDEVBLK is the anchor for ALOCBLOK/ALOFBLOK chain for the device in question and points to either the ALOCPGFH (RECBLOK anchor for preferred FH paging cylinders), ALOCPGMH (RECBLOK anchor or preferred MH paging cylinders), ALOCRECS (RECBLOK anchor for non-preferred cylinders), or ALOCRECP (RECBLOK anchor for temporary cylinders on the page chain). Verify that a RECBLOK exists for each cylinder marked and allocated in the 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.</p>
	<p>For FB-512 devices (DMKPGT is allocating on an FB-512 device) the number of pages in use (ALOFUSED) is less than the maximum (ALOFMAX), but DMKPGT could not find a RECBLOK containing an available page.</p>	<p>Inspect the extents of TEMP space stored in the ALOFBLOK. The ALOFBLOK has a 24-byte extension for each extent of TEMP space pages on the volume. Anchored in this extension are the RECBLOKs that describe the availability of each page in this extent. Inspect each RECBLOK to see if all the pages in each RECBLOK are used. It is possible that the RECBLOK chain or the ALOFBLOK extension has been destroyed. If all pages are accounted for, the number of available pages in all RECBLOKs should add up to the number of available pages stored in the ALOFBLOK extension (ALOFNUMA). Also, the ALOFNUMA fields of all ALOFBLOK extensions should agree with the number of available pages described in the ALOFBLOK root (ALOFMAX-ALOFUSED). If these count fields do not agree, the updating logic in DMKPGT is in error.</p>
PGT002	<p>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.</p>	<p>If the RECBLOK in question is in use for paging, then locate a SWPTABLE entry for each page represented by this RECBLOK. FB-512 RECBLOKs describe the range of page numbers in fields RECSTRT and RECEND. However, 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.</p>

Figure 7 (Part 14 of 25). 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. Note: Because allocation of pages on an FB-512 device does not use this bit map, this code is not applicable to FB-512 devices.	The ALOCBLOK has probably been destroyed, or the chain pointer in the RDEVBLOK is in error.

Figure 7 (Part 15 of 25). 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 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.
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.	Same as PRG001.
PRG003	Program check (execute) in the control program.	Same as PRG001.
PRG004	Program check (protection) in the control program.	Same as PRG001.
PRG005	Program check (addressing) in the control program.	Same as PRG001.
PRG006	Program check (specification) in the control program.	Same as PRG001.
PRG007	Program check (data) in the control program.	Same as PRG001.
PRG008	Program check (fixed-point overflow) in the control program.	Same as PRG001.
PRG009	Program check (fixed-point divide) in the control program.	Same as PRG001.
PRG010	Program check (decimal overflow) in the control program.	Same as PRG001.
PRG011	Program check (decimal divide) in the control program.	Same as PRG001.
PRG012	Program check (exponential overflow) in the control program.	Same as PRG001.

Figure 7 (Part 16 of 25). CP Abend Codes

Abend Code	Reason for Abend	Action
PRG013	Program check (exponential underflow) in the control program.	Same as PRG001.
PRG014	Program check (significance) in the control program.	Same as PRG001.
PRG015	Program check (floating-point divide) in the control program.	Same as PRG001.
PRG016	Program check (segment) in the control program.	Same as PRG001.
PRG017	Program check (paging) in the control program.	Same as PRG001.
PRG018	Program check (translation) in the control program.	Same as PRG001.
PRG019	Program check (special operation) in the control program.	Same as PRG001.
PRG254	A translation specification exception has been received for a virtual machine that is not in extended control mode.	If the set of translation tables pointed to by RUNCRL is correct, a hardware failure has occurred, possibly with dynamic address translation. Otherwise, call IBM for software support.
PRG255	A PER (program event recording) has been received for a virtual machine that is running with PER disabled in its virtual PSW.	Retry the program causing the error; if the problem persists, call IBM for software support.
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 the 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. Check the unit address at X'B9' in the PSA to find paging device in error. This is a hardware error.

Figure 7 (Part 17 of 25). CP Abend Codes

Abend Code	Reason for Abend	Action
PSA004	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 interrupt occurred while in a wait state or during an enable window. If the interrupt occurred while in a wait state (CPWAIT on in CPSTATUS), the timer value at the time of the interrupt is stored in the PSAs 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 PSAs 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.
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.	Same as PTR002.
PTR004	The lock count in the CORTABLE entry for the page frame being unlocked has been decremented to a value that is less than 0.	Check the routines that update the lock count field and CORTABLE entry.
PTR007	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: <ol style="list-style-type: none"> <li data-bbox="808 1331 1360 1472">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. <li data-bbox="808 1478 1360 1808">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.

Figure 7 (Part 18 of 25). CP Abend Codes

Abend Code	Reason for Abend	Action
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.
PTR010	The count of the number of resident reserved pages incorrectly decremented so that the count is now less than zero.	The field DMKPTRRC contains the number of reserved pages. DMKPTRRC must always be less than DMKDSPNP. Check the routines that update these two count fields (DMKDSPNP and DMKPTRRC).
PTR011	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 the DMKPTRFT.
PTR012	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 DMKPTRFT, it probably contains an error.
PTR014	DMKPTRFT 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 DMKPTRFT. Check the FREELIST and flush list for validity. Restart the system and, if the problem persists, call IBM for software support.
PTR015	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.
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 is it 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 7 (Part 19 of 25). CP Abend Codes

Abend Code	Reason for Abend	Action
QC0001	An I/O buffer is being returned to FREE storage but the CORFPNT for the page does not contain the character string CONB. This means QCO is trying to return a page to the free list which was not used as an I/O buffer for a CONMODE 3270 SCRNSAVE operation.	Search the trace table to determine why the storage being released does not have CONB in CORFPNT. The page is obtained by a call to DMKPTRFR and is released by a call to DMKPRTRFT.
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	For RPA001, the virtual address supplied to DMKRPAGT is outside of the virtual storage being referenced. For RPA002, the virtual address supplied to DMKRAPT 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 registers 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.
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.

Figure 7 (Part 20 of 25). CP Abend Codes

Abend Code	Reason for Abend	Action
SCH002	A call was made to DMKSCHDL 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 BALRSAVE to find the caller to DMKSCHDL. See why the caller did not hold the global system lock.
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.
SC0001	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 VMBLOK (VMWCNT) is reduced to a negative value.	Inspect module that update VMWCNT. Determine which module decreased VMWCNT without a corresponding increment.
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 VMPRRCT (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.	Same as STR001.
STR004	An attempt is being made to bring a page into storage that does not exist.	Same as STR001.

Figure 7 (Part 21 of 25). CP Abend Codes

Abend Code	Reason for Abend	Action
STR007	The save area stack chain is invalid or the specific request could not be found on the chain.	Same as STR001.
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.
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 for 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.

Figure 7 (Part 22 of 25). CP Abend Codes

Abend Code	Reason for Abend	Action
TDK001 TDK002	<p>For 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. For FB-512 devices, the allocation control block is called ALOFBLOK.</p> <p>For TDK002, A program is attempting to deallocate cylinder(s) of T-disk space that are not marked allocated.</p>	<p>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 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 deallocated cylinder falls within an area defined for T-disk allocation, the ALOCBLOK or ALOFBLOK chained to the RDEVBLK may be destroyed.</p>
UDR001	<p>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.</p>	<p>Use the DASD Dump Restore program to print the UDIRBLOK page buffers from the directory device. Determine whether the chain pointers are valid.</p>
UDR002	<p>The resident page count in the VMBLOK (VMPAGES) is reduced to a negative number.</p>	<p>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.</p>
VCX001	<p>DMKVCX issues this abend if the Inter-User-Communication Vehicle (IUCV) paths for SNA Console Communications Services (SNA CCS) are invalid.</p>	<p>Check the IUCV paths and SNA CCW control blocks to determine what is in error.</p>
VCX002	<p>DMKVCX issues this abend if SNA Console Communication Services (SNA CCS) control block structure is invalid.</p>	<p>Examine the control block structure and SAN CCS trace table entry for the abend to determine what is in error.</p>
VDR002	<p>DMKSCNVU was unable to locate all of the virtual I/O control blocks for the virtual unit address.</p>	<p>Determine whether the unit address in register 1 is valid for the user. R11 contains the address of the users VMBLOK. If invalid, the user's virtual I/O configuration has been altered after losing control. Examine the dump to determine how it was altered.</p>

Figure 7 (Part 23 of 25). CP Abend Codes

Abend Code	Reason for Abend	Action
VDR003	The DASD link chain is invalid. In the case of minidisks, detaching a minidisk that points to an RDEVBLK 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 VDEVBLK and RDEVBLK 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 VRRBLK.	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 VRRBLK.
VI0002	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 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.
VI0003	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.
VI00C4	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. R11 contains the address of the users VMBLOK. If invalid, the user's virtual I/O configuration has been altered after losing control. Examine the dump to determine how it was altered.
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.

Figure 7 (Part 24 of 25). CP Abend Codes

Abend Code	Reason for Abend	Action
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.
VSV001	DMKVSULD 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 DMKVSULD and see why it was called when VSPCCW could not be handled by this module.

Figure 7 (Part 25 of 25). CP Abend Codes

CMS ABEND CODES

USER ACTION

When a CMS abend occurs, you can either:

1. Enter DEBUG mode and issue the DUMP subcommand, or
2. Get a CP read on your terminal, or type #cp, and issue the DUMP command.

Either of these actions causes a dump of storage to be performed. Do not issue the DUMP command in CMS mode, because abend processing will take place before the dump is performed and the indications of the error will be lost.

3. Save the console sheet. If you are using a display terminal as your virtual console, it is a good idea to spool your console output to the printer by issuing the CP command SPOOL CONSOLE START either at the start of the session or by having

the command in your PROFILE EXEC. Then if a problem does arise, a copy of your terminal activity is available for reference. If the session is uneventful, the resulting printer file can be purged.

4. After the DUMP command is executed, the system automatically initiates recovery procedures, so it should not be necessary to IPL CMS again. If, however, an error message is displayed indicating that error recovery has failed, you should reinitialize (via IPL) CMS.
5. To report a CMS problem, give the dump, the console sheet (or printed console file, if it was spooled), and copies of the CMS files involved to system support personnel.

Figure 8 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 <u>VSE/VSAM Messages and Codes</u> to determine the cause of the VSAM error.
035	DMSVIP	An error occurred in VSE/VSAM processing while running an OS/VSAM program for which there is no equivalent OS/VSAM error code.	Refer to the VSE/VSAM documentation for the error and return codes indicated in the CMS error message preceding the ABEND.

Figure 8 (Part 1 of 4). CMS Abend Codes

Abend Code	Module Name	Cause of Abend	Action
0Cx	DMSITP	<p>The specified hardware exception occurred at a specified location. "x" is the type of exception:</p> <p>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</p>	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 take place when the next command is entered.
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.	Same as 0F4.
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.

Figure 8 (Part 2 of 4). CMS Abend Codes

Abend Code	Module Name	Cause of Abend	Action
0F7	DMSFRE	Occurs when TYPCALL=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 TYPCALL=BALR is specified in the DMSFREE or DMSFRET Macro calls.	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 CMS console stack, or the editor was unable to allocate a save area.	Issue the XEDIT command again. If the problem persists, contact your system support personnel.
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.	Same as 174.
200	DMSSFF	There is an error in the overlay 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.

Figure 8 (Part 3 of 4). CMS Abend Codes

Abend Code	Module Name	Cause of Abend	Action
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 routing 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 - SVC10) 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. If you ran out of storage while trying to acquire a large GETMAIN area, and your virtual machine size is above the start of the CMS nucleus, you should IPL a CMS system generated at a higher virtual address than the one you are using. If the save system CMSL is available, IPL it, if not, contact your system support personnel.
905 90A	DMSSMN	An OS FREEMAIN macro (905 - SVC 5, 90A - SVC10) was issued specifying an area to be released whose address was not on a doubleword 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.	Same as 905 and 90A.

Figure 8 (Part 4 of 4). 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.

User Response: Reissue the command in full, or in the proper abbreviated form.

002E INVALID OPERAND - operand

Explanation: One of the operands was incorrectly specified, missing, or found in the wrong place on the command line. 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.

System Action: The entire command line is ignored.

User Response: Reissue the command with a valid operand.

003E INVALID OPTION - option

Explanation: One of the options was incorrectly specified or is invalid with the particular variation of the command. The option may be shorter than the minimum abbreviation required.

User Response: Reissue the command with a valid option.

004E INVALID HEXLOC - operand

Explanation: The hexadecimal location is incorrect because of nonhexadecimal data in the operand or the operand 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 with a READY command 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 valid 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 vaddr

Explanation: The device type is invalid. If this is a DIAL command, the device specified is not a virtual low speed line. If this is 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.

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 was 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.

User Response: Consult the VM/SP CP Command Reference for General Users 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 (accounting, dump, and monitor files).

User Response: This is an invalid

| command. No action possible.

**017E INSUFFICIENT SCREEN SPACE -
 CLEAR SCREEN AND REDIAL**

Explanation: A DIAL command was issued from a local 3270 terminal with an insufficient number of lines left on the screen to display the command and resulting message. If allowed to proceed, the terminal would go into a holding state. This would tie up the terminal, because the processing of DIAL disables the terminal from unsolicited 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

Explanation: The real device address is either missing or invalid. An invalid device address is more than three characters long or contains nonhexadecimal characters.

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. An invalid virtual device address either:

- Is longer than three characters, or
- Contains nonhexadecimal data, or
- Is greater than X'5FF' for a virtual machine running in basic control mode, or
- Is associated with an unsupported device type (specified in the command IPL vaddr), or
- Was previously used to define a device for your virtual machine.

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

023E VALID 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.

DMK

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, greater than 255, or zero.

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 it means that 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" it means that the FCB is too long for the printer.

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

User Response: Reissue the command using 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: The device address specified does not exist, or a TIO to that device resulted in condition code 3. 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.

If issued from DMKCPT after a VARY ONLINE command was issued, and the device is configured in CP as one of a string of DASD (but not head of string), then the device is either not operational or not ready. The hardware will return the same indication (CCI with intervention required in the sense) for either condition. The user should determine which condition applies. If not operational, the device cannot be varied online. If not ready, the user must ready the device before it can be varied online.

User Response: Reissue the command; specify the required real or virtual device address.

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 specified 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. The reasons that DMKTRR might not find the file include:

- 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
 DMKUCS = 1403 UCS Buffers
 DMKPPIA = 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.

DMK

047E {userid {vaddr|segname}|THE
CURRENT TRACESET|THE TRACESET
traceset|A SAVED TRACESET}
DOES NOT EXIST

Explanation:

1. 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.
2. For DMKSEG, the segname does not exist.
3. For the PER command, an action was requested to be performed on a traceset and the traceset does not exist.

User Response:

1. Reissue the command; specify only existing virtual device addresses for the receiving virtual machine.
2. For DMKSEG, reissue the command using a valid segname.
3. For PER, establish a traceset before requesting an operation to be performed on it.

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: An attempt was made to vary an active teleprocessing line or graphic device offline; or 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.

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: Send a message to the system operator stating 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 the userid 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
LARGE|NOT DISC|NO CONSOLE|
SMSG OFF|NOT AUTHORIZED|WNG
OFF|VMCF/IUCV ERROR nnn}

Explanation: The userid specified in a MESSAGE, SMSG, or WARNING command is not receiving because the user is disconnected, not authorized, or 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 reissue 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:

1. Either an I/O error occurred while a dump was being spooled to DASD, or spool space has been filled.
2. For PER, a problem has occurred while attempting to write PER output to the user's virtual printer.

User Response:

1. Notify the system programmer.
2. 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.

DMK

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.

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.

**074E 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 'raddr' IS NOT
 AVAILABLE**

Explanation: An ATTACH command has been processed to attach a 'raddr' to the system. However, the 'raddr' 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 'raddr' is not attached.

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

**076E THE 'volid' PARAMETER IS
 INVALID**

Explanation: The 'volid' parameter was specified with a range or multiple of real addresses on the ATTACH command. This not a valid combination.

System Action: No addresses are attached.

User Response: Reissue the command with a valid combination of operands.

DMK

**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.

**078E 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 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 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 VIRTYSYS requiring 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 VMSAVE AREA

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

System Action: The VMSAVE 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 VMSAVE ON or SET VMSAVE area-name to enable the option.

**081W VMSAVE AREA ALREADY IN USE,
 MUST USE SET COMMAND**

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

System Action: The VMSAVE option is not enabled.

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

**082E MORE THAN ONE VMSAVE AREA
 ALLOCATED, MUST SPECIFY AREA
 NAME**

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

System Action: The VMSAVE option is not enabled.

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

**083E VMSAVE AREA DOES NOT CONTAIN A
 VALID SYSTEM**

Explanation: The user has issued an IPL command to a VMSAVE 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 VMSAVE option was specified and an error occurred on the DASD.

System Action: The VMSAVE option is not enabled.

User Response: Reissue the set VMSAVE command to enable the VMSAVE 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. An example of this condition is a dedicated 2305 device which did not specify the first exposure address for both the virtual and real addresses on the DEDICATE statement.

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.

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 RDEVBLK is available for addressing the line when it is in emulation mode.

DMK

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

- The resource is already in network control mode.
- No RDEVBLK 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
 valid 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 machines's configuration, 16 virtual addresses are defined for that CTCA and a link using one of those addresses cannot be made.

User Response: Reissue the LINK command requesting a different virtual device address, detach the device with the conflicting virtual address from the virtual machine, and then reissue the LINK command.

**111E userid vaddr NOT LINKED; NO
 READ PASSWORD**

Explanation: The link to the user's virtual device has not been accomplished because no read access to it is allowed.

User Response: Contact your system programmer to request a directory change.

**112E userid vaddr NOT LINKED; NO
 WRITE PASSWORD**

Explanation: The link to the user's virtual device has not been accomplished because no write access to it is

allowed.

User Response: Contact your system programmer to request a directory change.

**113E userid vaddr NOT LINKED; NO
 MULT PASSWORD**

Explanation: The link to the user's virtual device has not been accomplished because no multiple-access password is specified for the user's minidisk.

User Response: Contact your system programmer to request a directory change.

**114E userid vaddr NOT LINKED; MODE
 OR PASSWORD INCORRECT**

Explanation: The link to the user's virtual device has not been accomplished because an incorrect password was entered.

User Response: Reissue the LINK command and specify the correct password.

**115E {AUTOLOG|LINK} INVALID;
 EXCESSIVE INCORRECT PASSWORDS**

Explanation: The AUTOLOG command issued from a virtual machine by a DIAGNOSE instruction is now invalid because the user has entered four incorrect passwords associated with the AUTOLOG command during the current terminal session.

The LINK command issued from a virtual machine by a DIAGNOSE instruction is now invalid because the user has entered ten incorrect unprompted passwords for access to minidisks during the current terminal session.

User Response: The command can still be entered from the CP command mode by signaling attention and reissuing the command. The AUTOLOG command can be issued from the virtual machine environment if you do not enter the password as part of the input line but allow the CP system to prompt you for it. This error condition from the AUTOLOG or LINK command is designed to prohibit password guessing by repetitive calls to the command from within the virtual machine.

**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.

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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: Reissue the ATTACH command specifying a different virtual device address for the user. You should first send a message, via the MESSAGE command, to the user asking what action should be taken and what virtual device should be assigned. The user may wish to detach the conflicting virtual device from his machine configuration and ask the operator to reissue the ATTACH command.

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 valid DOES
 NOT MATCH**

Explanation: The real device has not been attached to the system because the valid read from the label does not match the one specified with the command.

Operator Response: Reissue the ATTACH command specifying the correct valid.

**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 vaddr 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 vaddr 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 {vaddr|raddr} 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

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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: Reissue the command; specify only devices under CP control. The operator must detach the device from the specified user in order to make it available to another user.

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 (pswd) HAS
VIOLATED THE LIMIT OF yyy
[,A=userid]**

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

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

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

If the optional information "[,A=userid]" 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 PRESENTED CC=3 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.

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.

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.

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 command, the system issued 256 test I/O instructions to the DASK 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, reissued the ATTACH DASD command once the busy condition has been cleared.

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152E {PFCOPY|PFTAB} NOT AVAILABLE

Explanation: VM/SP 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, you can use the PRINT keys instead of the PFCOPY function if a 3102 is attached. See the related hardware publications for the affected device, listed in the preface.

System Action: Ignores the PF request.

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

**153E DEVICE {vaddr|RNG} EXCEEDED
 MAX NUMBER OF VIRTUAL DEVICES**

Explanation: An attempt was made to create (via LINK, DEFINE, or ATTACH) a virtual device or range of devices which would have resulted in the maximum number of virtual devices for the user's virtual machine.

System Action: The command is rejected.

User Response: Detach a sufficient number of existing virtual devices from the user's virtual machine so that the total number of virtual devices will not exceed the maximum allowable. Then reissue the command or request that the ATTACH be re-attempted.

**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.

**157E CLUSTER= PARM MISSING FROM
 RDEVICE MACRO - DEV raddr**

Explanation: While attempting to network enable a device for line XXX, DMKNET found that there was no cluster specified for the line (RDEVNICL = 0).

System Action: Network enable command processing is terminated.

User Response: Correct the RDEVICE macro for device XXX 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 XXX) the RDEVBLK 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 is beyond the range of the virtual machine storage size. Thus, the virtual region of a VS operating system running under VM/SP, 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 '000000E0' 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.

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. Optionally, 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.

171E SYSTEM name VOLID volid 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.

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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 I/O or addressing exception.

System Action: Defined in the message text.

COMMAND TERMINATED: Command terminated before completion of requested functions.

IPL FAILED: IPL not complete.

User Response: Reissue the command. If the failure persists, notify the system operator.

**175E {FAVORED|RESERVED|name}
 ALREADY IN USE BY userid**

Explanation: The FAVORED or 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 DMKCFSS, FAVORED or RESERVED turn off the FAVORED or 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/SYSTEM**

Explanation: The UNLOCK VIRT=REAL function could not be executed because the given userid is logged on and occupying the virtual=real area. If the userid is SYSTEM, the virtual=real area is not in use.

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 PARM EXCEEDS 64 CHARACTERS

Explanation: There are more than 64 characters in the PARM field being passed to the virtual system by the IPL command.

User Response: Reissue the command with no more than 64 characters in the PARM 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

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 and 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.

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 addr}

Explanation: A SET ASSIST or a SET SASSIST command was issued but the hardware assist feature is not available on the indicated processor address. 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 NOT SUPPORTED - CP ASSIST DISABLED

Explanation: When VM/SP 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.

DMK

187E TIMER ASSIST NOT AVAILABLE

Explanation: A SET ASSIST TMR command was issued on a processor that does not have VM/370 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 nnnnk 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.

DMK

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'.

211E MONITOR TAPE IS ALREADY ACTIVE

Explanation: The MONITOR START TAPE command was issued while monitor data collection was already active.

System Action: Processing continues.

User Response: None required; the Monitor is already active.

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.

DMK

**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 CUU 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, there is no assurance that the paper is still 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. If a virtual printer does not exist, issue the CP DEFINE command.

**240E PRT xxx, 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 xxx, INVALID LOAD MODULE
mmmmm 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 xxx (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 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.

DMK

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 image

Explanation: The 'image 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.

- The 370E parameter was indicated in the user's directory via an OPTION control statement.
- A SET S370E ON command was issued.
- A SET 370E 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 xxx, 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 valid 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 xxx, 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.

270E PRT xxx, 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 WCGMs 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.

DMK

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.

300E SAVE REQUEST BEYOND VIRTUAL MACHINE SIZE

Explanation: When the SAVESYS command was issued, one or more designated saved pages were in the SYSPGM 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 Response: Reissue a correct command.

302E I/O ERROR on 00C - XXXXXXXX

Explanation: XXXXXXXX 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 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 Response: Error is most likely due to manipulating the reader files since the TRAPRED started.

303E 00C READER FILE NOT LOCATABLE

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

System Action: The TRAPRED CMS reduction program is stopped.

User Response: The error is likely due to manipulating the reader files since 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 total command line is ignored.

User Response: 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 Response: 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 total command line is ignored.

User Response: 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, 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 Response: 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 Response: 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 for the 401st; it is not accepted.

System Action: The preceding operands are accepted, but not the in-error operand or any following operands.

User Response: 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

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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 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: Contact system support personnel.

350W DASD raddr SYSRES 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 SYSRES 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 indicate in use (TEMP SPACE). All checkpoint space (CHECKPOINT AREA) is in use.

System Action: When paging is required, the system will first examine the preferred paging area. If preferred paging area is full, the system will use temp space, if temp space is full the system may be unable to continue and reIPL will be required. 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."

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 file that can be selectively purged. SPTAPE could be used to dump and restore spool files and reduce system load. Logging off inactive users reduces temporary disk space usage.

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.

401I SYSTEM {TEMP SPACE|CHECKPOINT AREA} 90 PERCENT FULL

Explanation: Ninety percent of all temporary disk cylinders (TEMP SPACE) indicate 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. Probable hardware 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 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 FUN CUU ACCOUNTING DATA; FATAL I/O ERROR

Explanation: An unrecoverable input/output error occurred on the card punch at real address cuu. Accounting data was saved.

System Action: The failing device is varied offline and system operation continues.

Operator Response: Vary the device cuu 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.

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 writing the system to be saved, or the 3704/3705 control program image to be saved, to a DASD volume.

System Action: Execution of the command terminates. The system or control program image is not saved.

User Response: Be sure you entered the correct command -- e.g.,

```
IPL nnn
SAVESYS CMS
```

where

nnn is the 3-digit virtual address of the disk that contains the CMS system you created.

Try the command again, since the situation that caused 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.

DMK

**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.

**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 addr|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 addr 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 automatically taken. The 3704/3705 is

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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 xxx DUMP COMPLETE

CTLR xxx 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 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.

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 CUU 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 cuu COMMUNICATIONS SCANNER FAILURE

Explanation: During NCP initialization the scanner did not properly enable. The device is left "not ready."

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 'addr' 'devname' CMD
          REJECT CMD='cm' SNS='sense'
          CSW='csw' USERID='userid'
          [{{BECCHH='bbcchh'|BLOCK='nnnnnn'}}]cm
```

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:

addr	- the 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, 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 'addr' 'devname' INT REQ
          [CMD='cm' SNS='sense'
          CSW='csw' USERID='userid'
          {BECCHH='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:

addr	- the 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, 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      {CONS|PRT|PUN|RDR} 'addr'
          '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.

addr	- the unit address of the failing device.
devname	- the device name.
cm	- the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred.
sense	- the sense bytes, in hexadecimal, for the error condition.

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CSW - the failing channel status word (CSW) in hexadecimal.

System Action: System operation continues.

Operator Response: For the console, none; for the reader, printer, or punch, take appropriate action to make the device ready.

502I type 'addr' '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:

- addr - the 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, 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 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 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.

If the problem persists, call your system support personnel.

503A {RDR|PRT|PUN} 'addr' '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.

- addr - the 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, 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 'addr' '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:

- addr - the 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, 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. The BACKSPAC command can be used to recover the missing lines of data.

```
504A      {RDR|PRT} 'addr' '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.

addr - the 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, 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: Spool printer devices with Universal Character Set must have the Block Data Check set on.

Two procedures are available:

1. To continue - make the printer not-ready and then ready.
2. To reload the UCS Buffer using the LOADBUF command, which sets the Block Data Check automatically, flush the printer (using the FLUSH command with the HOLD operand), make the printer not-ready, and 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.

```
504D      {DASD|TAPE} 'addr' 'devname'
          DATA CK CMD='cm' SNS='sense'
          CSW='csw' USERID= 'userid'
          [BBCCHH='bbcchh']
```

Explanation: The disk error recovery routine (DASD) or tape error recovery routine (TAPE) found an unrecoverable

data check I/O error.

addr - the 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, 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: Reply "retry" or "cancel."

```
504I      type 'addr' '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

The other variables in the message are:

addr - the 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, 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, or take appropriate action to correct the problem. If the problem persists, contact your system support personnel.

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505A RDR 'addr' '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.

- addr - the 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, 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.

505D {DASD|TAPE} 'addr' 'devname'
OVERRUN CK CMD='cm'
SNS='sense' CSW='csw'
USERID='userid'
[BCCCHH='bbcchh']
BLOCK='nnnnnn']

Explanation: The disk error recovery routine (DASD) or tape error recovery routine (TAPE) found an unrecoverable overrun check I/O error.

- addr - the 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, 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: Reply "retry" or "cancel."

505I type 'addr' 'devname' OVERRUN
CK CMD='cm' SNS='sense'
CSW='csw' USERID='userid'
[BCCCHH='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:

- addr - the 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, 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 'addr' 'devname' TRKCOND
CK CMD='cm' SNS='sense'
CSW='csw' USERID='userid'
BCCCHH='bbcchh'

Explanation: The disk error recovery routine found an unrecoverable track condition check I/O error.

- addr - the 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, 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.

507D DASD 'addr' 'devname' SEEK CK
 CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'
 BBCCHH='bbcchh'

Explanation: The disk error recovery routine found an unrecoverable seek check I/O error.

addr - the 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, 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: Reply "retry" or "cancel."

508I {DASD|PRT|PUN|RDR} 'addr'
 '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.

addr - the 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, 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.

509I DASD 'addr' '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.

addr - the 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, 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 'addr' '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.

addr - the 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, 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 'addr' '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.

addr - the 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, of the channel

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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 'addr' '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.

addr - the 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, 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 {DASD|TAPE} 'addr' 'devname'
 FILE PROT CMD='cm' SNS='sense'
 CSW='csw' USERID='userid'
 [{BCCCHH='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.

addr - the 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, 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.

514D DASD 'addr' 'devname' ADDMRK
 CK CMD='cm' SNS='sense'
 CSW='csw' USERID='userid'
 BCCCHH='bbcchh'

Explanation: The disk error recovery routine found an unrecoverable missing address marker I/O error.

addr - the 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, 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: Reply "retry" or "cancel."

516I type 'addr' 'devname' BAD
 SENSE CMD='cm' SNS='sense'
 CSW='csw' USERID='userid'
 [{BCCCHH='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:

addr - the 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, 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 'addr' '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.

addr - the 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, 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 {LINE|TAPE} 'addr' '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.

addr - the 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, 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 {DASD|TAPE} 'addr' '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.

addr - the 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, 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.

519I TAPE 'addr' '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.

addr - the 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, 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 {RDR|PRT|PUN} 'addr' 'devname'
PERM ERROR CMD='cm'
SNS='sense' CSW='csw'
USERID='userid'

Explanation: The spooling error recovery routine found an unrecoverable error condition.

addr - the 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, of the channel command word (CCW) being executed when the error occurred.

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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 'addr' 'devname' CHAN
          ERROR CMD='cm' SNS='sense'
          CSW='csw' USERID='userid'
          [{{BBCCHH='bbcchh'}}]
          BLOCK='nnnnn']}]
```

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:

- addr - the 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, 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.
- nnnnn - the block number where the error occurred.

System Action: System operation continues.

Operator Response: None.

```
521I      type 'addr' '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:

- addr - the 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, 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 'addr' '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.

addr - the 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, 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 'addr' '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.

addr - the 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, 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 PRT cuu 'devname' LOAD CHECK
CMD='cm' SNS='sense' CSW='csw'
USERID='userid'

Explanation: An attempt was made to load an invalid buffer to the printer. If this is a response to the LOADBUF UCS command, then CMD=FB or F3 indicates an invalid UCS buffer. If this is an operator message during printing, then CMD=63 indicates an invalid FCB was transmitted to the printer.

cuu - the 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, 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. If the LOAD CHECK is encountered during printing, the printer is drained and the file is put in SYSTEM HOLD.

Operator Response: Retry the operation. If encountered during printing and the message is due to an invalid FCB image (CMD=63), send the file to a printer that will accept the image, or NOOP the command (for example, 3211 type printer started with the DEFFCB option).

525I {GRAF|RDR|PRT|PUN} 'addr'
'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.

addr - the 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, 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 'addr' '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.

addr - the 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, 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 {LINE|CONS} 'addr' '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.

addr - the 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, 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 {LINE|CONS} 'addr' '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.

addr - the unit address of the failing device.
devname - the device name.

DMK

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 {GRAF|RDR|PRT|PUN} 'addr' '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.

addr - the 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, 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 'addr' 'devname' UNIT SPEC CMD='cm' SNS='sense' CSW='csw' USERID='userid'

Explanation: The terminal error recovery routine found an unrecoverable device-detected error.

addr - the 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, 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 'addr' '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.

addr - the 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, 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 'addr' '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.

addr - the 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, 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 'addr' '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.

addr - the 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, 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 'addr' 'devname' BKSIZ
 EX CMD='cm' SNS='sense'
 CSW='csw' USERID='userid'
 BLOCK='nnnnnn'

Explanation: The FB-512 error recovery routine encountered an unrecoverable error.

addr - the 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, 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 'addr' 'devname' WRT
 INHIBT CMD='cm' SNS='sense'
 CSW='csw' USERID='userid'
 BLOCK='nnnnnn'

Explanation: The FB-512 error recovery routine encountered an unrecoverable error.

addr - the 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, 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 CUU '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:

cuu - device address on which the error was reported.
 devname - devicename 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 'addr' '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.

addr - the 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 'addr' 'devname' BOT FAIL
 CMD='cm' SNS='sense' CSW='csw'
 USERID='userid'

Explanation: The tape error recovery routine found an unrecoverable beginning of tape fail I/O error.

addr - the unit address of the failing device.
 devname - the device name.
 cm - the command code, in hexadecimal, of the channel command word (CCW) being executed when the error occurred.
 sense - the sense bytes, in hexadecimal, for the error condition.

DMK

csw - the failing channel status word (CSW) in hexadecimal.

System Action: System operation continues.

Operator Response: None

540I PRT cuu '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.

cuu - the 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: No action, printing operations on the device continue.

Operator Response: Schedule maintenance as soon as possible.

546I INTERRUPTION {CLEARED|PENDING}
{DEVICE|CONTROL UNIT} cuu CSW
CSW USERID userid

Explanation: If PENDING appears in the message text, the missing interrupt handler has found device end pending for device cuu 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.

cuu - 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.

550E ERROR RECORDING AREA 90
PERCENT FULL; RUN CPREP

Explanation: The error recording area specified in the message is 90% full. This message is a warning to prevent loss of error records.

System Action: System operation continues.

Operator Response: Run the CPREP program to print the records on the affected area, and then clear the area. Save the printed output for your system support personnel.

551E ERROR RECORDING AREA FULL; RUN
CPREP

Explanation: The error recording area specified in the message is full. Further errors of that type cannot be recorded.

System Action: System operation continues, but no I/O errors, or machine check and channel check errors, are recorded.

Operator Response: Run the CPREP program to print the error records that are on the error recording area that is full, and then clear the area. Save the printed output for your system support personnel.

552I FORMATTING ERROR RECORDING
AREA

Explanation: The recording area specified in the message is not in the proper format. The area is rewritten in the correct CP format at this time. This should only occur at the first IPL of a new system with a new error

recording area. If this message appears at other times, it is probably due to a hardware error.

System Action: System operation continues.

Operator Response: If you did not expect this formatting to take place, ensure that the allocation of the system volume does not overlap cylinders or disk space and then call your system support personnel.

**553I ERROR RECORDING AREA CLEARED;
USER 'userid'**

Explanation: DMKIOG has been invoked by user 'userid' to clear the error recording area specified in the message. Error recording in that area is reenabled.

System Action: System operation continues.

Operator Response: None.

**558I UNRECOVERABLE I/O ERROR; ERROR
RECORDING DISABLED**

Explanation: Unrecoverable input/output errors were encountered while trying to read or write in the error recording area at system initialization time. Error recording has been disabled. Probable hardware error.

System Action: System operation continues but error recording is not being done.

Operator Response: System operation without error recording is not recommended. Whenever possible, try to restart the system, with the system disk on another drive. If the problem persists, call your system support personnel.

**559W SRF CUU NOT ACCESSIBLE; FRAMES
NOT ON ERROR CYLINDERS**

Explanation: One of the following conditions has occurred on a 3031, 3032, or 3033 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. (Only one of the two SRF devices of a 3036 console is accessible at any given time by VM/SP control program. Therefore, 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 to be successfully accessed during error recording 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: Processing continues. System will run, EREP data is collected. Reports are unformatted.

User Response:

1. Reassemble DMKRIO with the proper address for the 7443 devices and include "SRF=" on the RIOGEN macro, refer to the VM/SP 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 CPEREP CLEARF. Refer to the 3033 Processor Complex Operating Procedures, GC38-0031.
3. Rerun CPEREP when both console stations are operational, generate reports then run CPEREP CLEARF to clear and obtain the frame records.

**560W ERRORS ON SRF CUU: FRAMES NOT
ON ERROR CYLINDERS**

Explanation: A permanent I/O error was encountered during an I/O operation with SRF cuu. The SRF cuu 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 CPEREP 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 CUU**

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.

DMK

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 ADD=raddr,
USERID=userid**

Explanation: The VM/SP 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 error routines are invoked for recording counter and buffer overflow statistics for various devices, for recording amounts, and for recording general statistical data.

System Action: System operation continues.

Operator Response: Run CPERP to document the error. If the problem persists, call your system support personnel.

**601E CHANNEL CONTROL CHECK DEV xxx;
USER 'userid'**

Explanation: A channel control check occurred on the channel specified by device xxx, where:

xxx - Channel, control unit, and 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 xxx;
USER 'userid'**

Explanation: A channel control check occurred on the channel specified by device xxx, where:

xxx - Channel, control unit, and 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
xxx; USER 'userid'**

Explanation: An interface control check occurred on channel specified in device xxx, where:

xxx - Channel, control unit, and 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
xxx; USER 'userid'**

Explanation: An interface control check occurred on channel specified in device xxx, where:

xxx - Channel, control unit, and 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.

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. Do not use the SEREP program on 308x, 9083, and 4341 processors as you will get invalid results. If the problem persists, call your system support personnel.

To restart, IPL the system, specifying CKPT start.

**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 CPERP 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 3081 and 4341 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 3081 and 4341 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 308x, 9083, and 4341 processors as you will get invalid results.

613I SOFT MACHINE CHECK RECORDING DISABLED cpuid

Explanation: The error reporting interrupt mechanism for soft machine checks has been disabled.

System Action: System operation continues.

Operator Response: None.

614I MACHINE CHECK; DAMAGED PAGE NOW DELETED cpuid

Explanation: The machine check handler has deleted a page of storage as a result of storage data failures. Probable hardware error.

System Action: System operation continues.

Operator Response: The system operator should note that the system is operating with 4K bytes less storage each time this message appears.

If the problem recurs, run the CPREP program to document the error, then contact your system support personnel.

615I MACHINE CHECK RECORDING FAILURE cpuid

Explanation: This message appears:

- If an unrecoverable I/O error is encountered while recording on the error recording cylinder, or
- When the machine check recording cylinder is full.

System Action: System operation continues.

Operator Response: Run the CPREP program to print the error records and clear the MCH recording cylinder. If the problem recurs, contact your system support personnel.

616I MACHINE CHECK; USER userid TERMINATED cpuid

Explanation: The user identified by userid has encountered a machine check error and the user's virtual machine has been reset. Probable hardware error.

System Action: System operation continues.

DMK

Operator Response: Run the CPEREP program to document the error. If the problem recurs, contact your system support personnel.

617I MACHINE CHECK; BUFFER OR DLAT DAMAGE cpuid

Explanation: The Machine Check Handler has encountered a buffer storage or DLAT partially disabled.

System Action: System operation continues.

Operator Response: Run the CPEREP program to document the error. If the problem recurs, contact your system support personnel.

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 MACHINE CHECK; AFFINITY SET OFF

Explanation: The attached processor is no longer being used by the system because of a malfunction alert, or an unrecoverable machine check. 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.

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 3081 and 4341 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 CPREP 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 CPREP program to document the error and save the output for system support personnel.

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 is terminated after scanning the remaining statements for syntax. Otherwise, the correct statement is solicited from the 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.

701E INVALID OPERAND - operand

Explanation: The specified operand is invalid.

System Action: If the input is from cards or a CMS file, the card image is printed above the message, and the program is terminated after scanning the remaining statements for syntax. Otherwise, the correct statement is solicited from the console.

User Response: Correct the operand and resubmit the job.

**702E CONTROL STATEMENT SEQUENCE
ERROR**

Explanation: The control statement is not in the proper sequence.

System Action: If the input is from cards or a CMS file, the card image is displayed above the error message. The program is terminated after scanning the remaining statements for syntax. Otherwise, the correct statement is solicited from the console. Note that all DUMP, RESTORE, or COPY statements must be delimited by an INPUT or an OUTPUT control statement. When multiple, explicit cylinder extents are defined, the DUMP, COPY, and RESTORE statements must not be intermixed.

User Response: Place the control statements in the proper sequence, or correct the error, and resubmit the job.

703E OPERAND MISSING

Explanation: The above control statement contains insufficient information.

System Action: If the input is from cards or a CMS file, the card image is displayed before the message. The program is terminated after scanning the remaining statements for syntax. Otherwise, the correct statement is solicited from the console.

User Response: Provide the missing operand and resubmit the job.

704E DEV CUU NOT OPERATIONAL

Explanation: cuu is the device address of the unit that is not operational.

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 statement is solicited from the console.

User Response: Either attach the proper device to your system or redefine the device in error. In either case, the function control statement must be reentered.

**705E I/O ERROR cuu 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:

ccu - the unit address of the device in error.
sense - the sense bytes, in hexadecimal, describing the error.
csw - channel status word from the error.

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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 DMKRG, 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 308x, 9083, and 4341 processors as you will get invalid results.

708E INVALID INPUT OR OUTPUT DEFINITION

Explanation: The INPUT and/or OUTPUT statement is not defined or is defined as the wrong device type. For example, the DUMP statement must have the input unit defined as a DASD device and the output unit defined as a tape 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 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 cuu INTERVENTION REQUIRED

Explanation: cuu is the 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 valid2 [NOT
valid1] DO YOU WISH TO
CONTINUE? RESPOND YES NO OR
REREAD:**

Explanation:

valid1 - The volume serial number from the input or output control statement; valid1 is displayed only if it was entered.
valid2 - 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, 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.

DMK

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

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:

PRINTR--the CMS return code plus 100

WAITRD--the CMS return code plus 200

RDBUF--the CMS return code plus 300

TYPE or TYPLIN--the CMS return code plus 400

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 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, 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 valid of the original nucleus volume is different from the valid 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.

DMK

727E FLAGGED TRK xxxxxxxxxxxxxx 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, etc.)

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 IBCDASDI.

729I FULL TRACK READ FEATURE NOT
 AVAILABLE

Explanation: The FTR keyword has been requested on the DASD Dump/Restore DUMP control statement but the FTR hardware feature is not available. The output dump tape is created in the old format.

System Action: The output dump tape is created in the old format.

User Response: None. (This is an informational message only.)

730E DEV CUU NOT OPERATIONAL OR NOT
 READY

Explanation: The device at address cuu is not operational (SIO gave cc=3) or not ready (intervention required indicated in sense data).

System Action: If the input is from cards, the card in error is printed and the job step is terminated. If the input is from the console, the proper device address is requested from the user.

User Response: Ready the device, attach the proper device to the system, or specify the proper device in the control statement.

732E MACHINE CHECK

Explanation: A machine check hardware error has occurred.

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 that further analysis can be done. Then attempt to rerun the job. If the error persists, save all output and

notify your system support personnel. Do not use the SEREP program on 308x, 9083, and 4341 processors as you will get invalid results.

733E VOLID READ IS valid1 NOT
 valid2

Explanation: The wrong volume is mounted on the device described by the ALLOCATE control statement.

valid1 the volume serial number as read from the DASD device.

valid2 the volume serial number from the ALLOCATE control statement.

Note: If valid1 = "none," no record 3 was found on cylinder 0, track 0.

System Action: If the input is from cards, the card in error is printed and the job step is terminated. If it is console input, the proper volume serial number is requested from the user.

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 valid1, 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 CUU
{CCHHR=cchhr|BLOCK=nnnnnn}
SENSE=sense**

Explanation: An I/O error has been detected.

cuu - The 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 CUU INTERVENTION REQUIRED

Explanation: Intervention is required on the device at address cuu.

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 CUU IS zzzz NOT xxxx-nn
AS SPECIFIED. RESPECIFY OR
NOTIFY SYSTEM SUPPORT**

Explanation: The incorrect device type was entered.

System Action: The following prompt is displayed to allow the user to re-enter the device address:

ENTER DEVICE ADDRESS (CUU):

User Response: Check previously entered device address. If it is not 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.

DMK

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 error persists, check that the real 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.

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 user

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 cuu NOT OPERATIONAL

Explanation: The device at address cuu 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 CUU CSW CSW SENSE sense

Explanation: An I/O error has been detected.

cuu - the 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 (ensure that 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 308x, 9083, and 4341 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 CUU)

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.
cuu - 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:

DMK

RDBUF - the CMS return code plus 100.
TYPLIN - the CMS return code plus 200.

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**

Explanation: Single processor mode was not established because of one of the following:

1. The system is not in uniprocessor mode.
2. There is no V=R area.
3. There is no multiprocessor feature

System Action: None.

Operator Response: Use the SPMODE ON command only when the proper conditions are satisfied.

**805E SINGLE PROCESSOR MODE OFF
 REJECTED**

Explanation: Single processor mode has not been reset because V=R virtual machine has a nonzero value.

System Action: None

Operator Response: Use the SPMODE OFF command only if 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: Whenever single processor mode is turned on, the value loaded into to prefix register by the system is displayed.

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, adstop, or CCW translation is being used.

System Action: None.

Operator Response: Turn off tracing, adstop, or CCW translation 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. 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, or
- 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.

DMK

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 1200 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 308x, 9083, and 4341 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.

902W 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 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 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 009).

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 mounted before attempting another warmstart or CKPT start. If all else fails, force a CP abend dump to the printer by pressing the RESTART key. IPL the system again, specifying 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.

DMK

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 308x, 9083, and 4341 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.

Operator Response: No action can be taken at this point to recover the system dump data. You should reload the system, go through the normal initialization procedures, and perform a system warm start.

908I SYSTEM FAILURE; CODE - code PROCESSOR nn

Explanation: The CP system has encountered a severe software failure, which caused a system dump. (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.

Note: The processor address is displayed in decimal format.

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 4300 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 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 system residence volumes mounted (use the DDR PRINT function).
- To restart, clear storage and IPL the VM/SP 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.

DMK

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 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 '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. When this has been accomplished, the system should be reinitialized using 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 raddr**

Explanation: The system has detected a failing storage frame. This is a hardware error.

where:

raddr 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'.

DMK

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.

**950A OPERATOR NOT LOGGED ON;
EXPLICIT LOGON REQUIRED**

Explanation: The operator has not been automatically logged on. The reason may be given in one of the logon failure messages that preceded this message.

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 Operator's Guide, entering the required password. The system can then resume normal operation.

951I CP VOLID valid 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.

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.

If the CPU is a 4331 or a 4341, control storage may have overflowed into main storage. This then makes some main storage unavailable for VM and can cause this message to be outputted.

**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 valid 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

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 cuu VOLID volid 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 volid on the new volume is different from the volid of the previously mounted volume, or the volid 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 ddddddK, 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 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.

DMK

**962I CP OWNED DASD cuu VOLID valid
INVALID ALLOCATION RECORD**

Explanation: No valid allocation was found on the CP-owned volume indicated. If the message is issued by DMKVDE, 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, 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'.

963I 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 (mmmmnnn) 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
mmmmnnn 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 NO WARMSTART, PREVIOUS DATA
STILL VALID**

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] {FILEI(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 Planning Guide and Reference.

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 1) erases or renames the TXTLIB or LOADLIB, or 2) releases the disk on which it resides,
- if the CMS segment is not available when the user accesses an OS disk or DMSSVT.

System Action: RC = 0
TXTLIB file could not be found. Execution of the command continues.

RC = 28
LOADLIB file could not be found. Execution of the command is terminated. The system status remains the same.

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 or, if the option is truncatable, it may have been truncated improperly, or 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: The user does not have access to a read/write disk on which the command can write its output or utility files. If the message displayed is NO READ/WRITE 'A' DISK ACCESSED, the command, in order to be executed, requires that the A-disk be accessed in read/write mode. For 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.

| For DMSQRS, RC = 1.

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 'cuu' {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 fn and ft of the file in error are not available so the number of the file being read is given. This number represents how many files have been 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.

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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 function '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 (TAPi, 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 'cuu'

Explanation: The device address 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 device address and reissue the command.

Note:

Note: For a virtual machine with ECMODE on, a valid cuu is within the range X'001' through X'FFF'. Otherwise, a valid cuu 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 passed 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.

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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'] [option]

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 DMSCPY, 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 DMSCPY, 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 RECEIVE command format, see the VM/SP Command and Macro Reference or issue the HELP command.

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 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'} 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.

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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.

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).
- 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.
- 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 [cuul]' 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:

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1. a filemode was specified on the RECEIVE command and this mode is READ/ONLY 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) and 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 the OUTMODE option was specified, then the output files are placed on the disk 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 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 user, 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 DMSCPY, in multiple output file mode, several output files may have been created before the error was discovered.

For DMSDSK, 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 (TAP*i*, 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(cuu)' 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 DMSPUN, 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 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 (TAPi, where: i = 1, 2, 3, 4) or TAP1. Otherwise, the system status remains the same.

User Response: Reissue the command with the desired function.

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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 (TAPi, 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. TEXTLIB files created on EDF disks must have "PDS" in columns 4-6 of record one. TEXTLIB 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 TEXTLIB 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 TEXTLIB 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 gloaled and 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 TEXTLIB 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.

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 (TAPi, where: i = 1, 2, 3, 4) or TAP1.

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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 (TAPi, 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 'cuu' ALREADY ACCESSED AS READ/WRITE 'mode' DISK.

Explanation: You are trying to access the specified device in read-only mode, but you have already accessed it read/write mode. 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 (cuu)' WILL NOT BE ACCESSED

Explanation: The files requested were not on the specified disk or if the disk contains no files and you accessed it as an extension, your access fails; therefore, the disk is not accessed. If another disk was already accessed as mode "fm," it is released.

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.

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069E DISK {'mode'|'cuu'|'valid'}
NOT ACCESSED. {'A' MUST BE R/W
FOR 'DISK LOAD'}

Explanation: The specified disk has not been accessed.

For the RECEIVE command, either:

1. a filemode was specified on the RECEIVE command and this mode is READ/ONLY 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) and in order to use DISK LOAD to read the file in, the A-disk must be accessed in READ/WRITE mode.

For DMSDSL, the A-disk must be accessed when the DOSLIB MAP function is performed and the output is directed to disk.

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 [OUTPUT] DISK 'mode' 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.

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 dms072e 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 by what filemode that disk should be accessed. (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.

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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 fields.

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 255 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

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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.

089E {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 DTFCF 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.
- 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.

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- 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 nonVSAM 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 a nonVSAM 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 save area address in the PIB (Partition Information Block) is not the same as the save area 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 save area 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).

**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 the CMS system was last saved. This can occur if either disk was accessed in R/W mode and then released

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even if the disk was not specifically altered; the RELEASE command will rewrite the directory.

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 table(s) were created

For DMSLBM, the condition of the MACLIB file is unpredictable.

For DMSGLB, that library is not gloaled but the operation continues for any other libraries named in the command.

For DMSXGT, if the error occurred during a GET 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 (TAPi, 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 a 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.

The problem may be that the in-core directory for the M-disk that contains

the file being loaded, does not match the actual directory. The real disk directory may have been changed since the disk was last accessed, or if on the system disk, the saved system may need resaving.

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. |

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- 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.

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, DMSSTRT, 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 modaset 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) 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.

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.

System Action: The user job is flushed and the next batch job is started.

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 FREELOWE, 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

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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 trying to load a sparse file onto disk from tape.

For DMSQRS, DMSQRT, DMSQRU, DMSQRV, DMSQRW, DMSWRX, and DMSQRY, the stack and/or FIFO or LIFO option was chosen, 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 start of the CMS nucleus, you should IPL a CMS system 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.

If you ran out of storage while trying to acquire a large GETMAIN area, and your virtual machine size is above the start of the CMS nucleus, you should IPL a CMS system 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.

110E CORRECT FORM IS: DOSGEN LOCATION {SEGNAME}

Explanation: An invalid form of the DOSGEN 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 {(cuu)}'

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 (cuu)'

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 (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: Reissue the command. If the error persists, contact your system support personnel.

112S 'mode (cuu)' 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|TAPEIN|TAPOUT} (cuu) 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 'cuu' IS AN UNSUPPORTED DEVICE, OR REQUESTED BLKSIZE IS NOT SUPPORTED FOR THE DEVICE

Explanation: VM/SP 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, or issue the command with a valid block size for the device.

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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 'cuu'

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 System Product Editor 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.

120S {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.
 255 BDAM or BSAM (CREATE)- either:
 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:
 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

DMS

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.

**121S 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 HNDSVC 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 (HNDSVC) to provide your own routine to handle the specified SVC.

**122S 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'0F3'.

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(cuu)'**

Explanation: An unrecoverable I/O error occurred on the specified disk. RC = 100

System Action: Execution of the command is terminated. Some cylinders may have been formatted. If so, the number is indicated by message DMSFOR732I.

User Response: Contact your system support personnel.

**126S ERROR {READING|WRITING} LABEL
ON DISK 'mode(cuu)'**

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.

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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 GD, 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 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 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)} NOT
SUPPORTED IN CMS/DOS

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 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.

DMS

141T exception EXCEPTION OCCURRED
 AT addr IN ROUTINE called

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'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.

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 Data Areas and Control Block Logic Volume 2 (CMS).

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

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.

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 mismatch between the FCB and carriage control. If the FCB needs to be loaded, refer to LOADBUF command in the Operator's Guide.

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. The identifier is the jobname in bytes 24-31 of the Partition Communication Region at the time of the IDUMP request.

System Action: This message is for information only. Processing continues.

User Response: None.

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.

DMS

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 Data Areas and Control Block Logic Volume 2 (CMS).

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.

DMS

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 TYPCALL=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.

161T 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:
 - 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 TYP CALL=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 (FRELOWE) 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 0F7 occurs.
- If the call was unconditional and was made by specifying TYP CALL=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.

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.

DMS

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:

- The block was not within either the low storage free storage area or the user program area (between FREELWE 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 DMSFRES) 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 (cuu)' 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.

DMS

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 DMSEXEC.

System Action: RC = 10000
Execution is terminated at the point of the error.

User Response: Correct the parameter list and reexecute the EXEC.

176W 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.

177I 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' [IAPPLYING '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.

DMS

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 CMSUTI
 $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.

DMS

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 cuu 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 -
SNG=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 'ssssssssss') 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: Either the card reader contains no files, or it has not been readied.

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 "./X" 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.

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- 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.

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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]

DMS

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 entry precedes its position entry.
- 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. Insure 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 DMSPPIO. 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.
- 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 per line in HELP.

System Action: RC = 12
Execution of the command continues and the line in question is ignored.

DMS

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 65536 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 MISSPELLED, 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 to obtain available HELP files.

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 a 800-byte block size or is not a CMS disk.

System Action: RC = 16 Execution of the command is terminated.

User Response: Reformat the disk using 512, 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.

DMS

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 'ddname2' 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 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 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.

DMS

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 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: RC = 36
VSAMGEN has terminated. The system returns to CMS command mode. 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 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 specifying a filemode of a CMS disk in read/write mode. Alternatively, the 'OUTMODE' option can be eliminated 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.

DMS

User Response: Reissue the command, specifying a valid storage protect key.

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 DMSVPD, DMSVPD (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 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.

DMS

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 'sagname' 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 to names of the saved segments for the CMS virtual machine. Any requested segment must have been saved via procedures documented in the VM/SP 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.

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 (cuu)' 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.

DMS

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, specify label type as BLP or LABOFF and try again.

422E 'TAPN (cuu)' 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 (cuu)' 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 (cuu)' 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 EOF1 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 (cuu)' 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 (cuu)' UNEXPIRED FILE ENTER 'IGNORE' OR 'ERROR'

Explanation: The system is trying to write over a HDR1 record on tape cuu 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' will cause CMS to disregard the expiration date and write over the existing record except when DISP MOD was specified for OS simulation. In this case, the tape will be positioned at the end of the file, ready to add new records.

427R 'TAPn (cuu)' EOVI LABEL READ

Explanation: While processing trailer labels for an input tape file, an EOVI label was read instead of an EOFI 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 (cuu)' 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 (cuu)' 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 (cuu)' 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 labeldefid 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 (cuu)' 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 (cuu)' VOLID valid DOES NOT MATCH LABELDEF VOLID FOR 'filename'

Explanation: The volume serial number (valid) 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 valid displayed in the message is the one found on the tape label.

DMS

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' (valid) OR 'REJECT'

Explanation: This message is issued when an output OPEN routine finds a tape that has a VOLL valid that does not match the one specified or if an output tape has been specified as SL and no VOLL label is on it. The message is issued only in situations where a DOS/VS or OS/VS operating system allows a VOLL 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 VOLL 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 VOLL label with an owner field you must use the WVOLL function on the TAPE command.

434E 'TAPn (cuu)' 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 (cuu)' 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 (cuu)' 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 theid 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 REXX program could not be read from the disk. This problem almost always occurs only 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 REXX 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

```
When a=b then
  Say 'A equals B'
  exit
Otherwise nop
end
```

Select

```
When a=b then DO
  Say 'A equals B'
  exit
end
Otherwise nop
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; Say EQUALS exit else Say NOT EQUALS	If a=b then do; Say EQUALS exit end 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 can not 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 by 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, by 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 because no internal routines are active, or because 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 REXX 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.

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 stepping 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 REXX 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 REXX 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 subcommand 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: module1 can only be executed by module2, and cannot be invoked and executed by itself.

System Action: Execution of module1 is terminated.

User Response: Do not attempt to execute module1 by itself.

**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.

DMS

System Action: RC=100

The file is not loaded and is left in the reader.

User Response: Determine who sent this altered file by issuing CP QUERY Reader. 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. Since trailing blanks can be significant they are considered when computing length.

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 to be 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 MSGNOH command.

System Action: RC = 40
The command is rejected.

User Response: Reissue the DEFAULTS EXEC to set msgcmd to either MSG or MSGNOH.

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 or CDELETE 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.

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 or EXPAND subcommand.

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.

505E NOT EXECUTED: THE TARGET LINE (nn) IS WITHIN THE LINES TO MOVE

Explanation: The destination line for a move 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 REXX or 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.

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 user is in CMS SUBSET mode.

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.

DMS

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 RECFM 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, they were truncated; otherwise, they were spilled.

System Action: RC=3

User Response: Issue SET SPILL ON|WORD 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, MSGLINE, RESERVED, 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 doublequote (").

System Action: None.

User Response: None.

525E INVALID {PFKEY|PFKEY/PAKEY} NUMBER

Explanation: A SET or QUERY PFn or SCHANGE subcommand was issued, and 'n' was either zero or greater than 24; or, a SET or QUERY 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 only valid in display mode:

CMDLINE	SCALE
CURLINE	SCREEN
MSGLINE	TABLINE
RESERVED	TERMINAL

For the EXECUTE, JOIN, or SPLIT subcommands, the CURSOR operand was specified and the terminal is not in display mode.

System Action: RC=3

User Response: None.

527E INVALID COLUMN NUMBER

Explanation: A CURSOR or MERGE 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|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	RGTLEFT
BACKWARD	SCHANGE
CURSOR	SOS
FORWARD	SPLTJOIN
MODIFY	Prefix subcommand A
POWERINP	Prefix subcommand I
REFRESH	

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 FMODE) 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 that is not currently reserved.

System Action: RC=4
The subcommand is not executed.

User Response: Reissue the subcommand.

534E TOO MANY LOGICAL SCREENS DEFINED.

Explanation: A SET SCREEN subcommand was issued, and 'n' specified too many logical screens 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' or 'SET SCREEN WIDTH' subcommand was issued, and the number of lines or columns specified exceed 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' subcommand was issued that specified 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 NAME 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. If the EXECUTE subcommand was issued with a negative number, this message is generated. The EXECUTE subcommand only accepts numbers greater than or equal to zero.

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 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 is issued when using the OLDDATE option of DISK LOAD and the time of the file being loaded is blank.

System Action: The file is loaded with a new date and time.

User Response: None.

**551I {TARGET|STRING} 'string'
 FOUND. [---PFnn SET FOR
 SELECTIVE CHANGE.]**

Explanation: An SCHANGE macro was executed. If a CLOCATE subcommand was typed in the command line or saved in the LASTLORC buffer, the first part of the message is displayed. If a CHANGE subcommand was typed in the command line or saved in the LASTLORC buffer, 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 a subcommand that requires free storage was issued.

System Action: RC=104
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, SET FMODE, SET FNAME, or SET FTYPE 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.

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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, POWERINP, REPLACE, SPLIT, SPLITJOIN, and the following prefix subcommands: A, C, M,."

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, or release all unnecessary disks.

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 SCHANG option, and the cursor was not on a file line, or the cursor or column specified was outside the current zones.

System Action: RC=1 or 3
RC=1 for JOIN CURSOR
RC=3 for SOS and SPLIT CURSOR

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|SPILLED}.

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 SET SPILL ON|OFF|WORD.

User Response: None.

564W EOF REACHED

Explanation: A GET subcommand was executed, and lines were inserted up to the end of the file. This message is also issued for the JOIN subcommand.

System Action: RC=1 (JOIN)

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 were truncated or spilled.

System Action: RC=3
Lines are spilled or truncated depending on SET SPILL ON|OFF|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 SCREENS
{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 THIS
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 and the LASTLORC buffer does not contain a 'CHANGE' or 'CLOCATE' subcommand.

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 'updname' 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. The SCHANGE macro was executed with a CLOCATE subcommand typed in the command line or saved in the LASTLORC buffer. Then, the PF key set for the selective change was pressed.
2. The PF key assigned to the SCHANGE macro was pressed, and a CHANGE subcommand is typed in the command line or saved in the LASTLORC buffer. 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.

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575E **INVALID [ARGUMENT OR]
 {JOIN|SPLIT|TABS|VERIFY|ZONE}
 COLUMN(S) 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 (on a typewriter terminal the maximum screen size is 132); or a LEFT or RGTLEFT subcommand was issued, and the total value of 'n' (when added to the value of 'n' specified in previous LEFT or RIGHT subcommands, if any) exceeds the logical record length of the file.

System Action: RC=5
The subcommand is not executed.

User Response: Correct and reissue the subcommand.

577E **FILE HAS BEEN CHANGED. USE
 QUIT 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 'QUIT' 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 macro with the given name was currently in storage.

System Action: RC=3
No macro is purged from storage.

User Response: Correct the name and reissue the subcommand.

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.

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 **TOF:**

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 a subcommand was issued that attempted to change the null TOP OF FILE or END OF FILE line.

System Action: RC=1 or 4
RC=1 for JOIN, SPLIT, and SPLTJOIN subcommands.
The change is not made.

User Response: None.

586E NOT FOUND {ON SCREEN}

Explanation: A FIND, FINDUP, NFOUND, or NFOUNDUP subcommand was issued, and the specified 'text' operand is not found. The CHANGE 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 CHANGE 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 System Product 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 continued past the end of file (or top of file) and stopped when the line where it started was reached again.

System Action: None.

User Response: None.

593E nn LINES MERGED, nn LINE(S) {TRUNCATED|SPILLED}.

Explanation: In executing the MERGED subcommand, some lines were 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

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subcommand. SET SPILL also allows you to avoid losing any characters by truncation.

594E FILE 'fn ft fm' ALREADY EXISTS. USE FFILE/SSAVE.

Explanation: 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 or XEDIT or LOAD subcommand 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' was issued and the n2 was less than n1.

System Action: RC=5
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(cuu)'. 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 = cuu

Explanation: "cuu" 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 cuu is also the IPL device address.

System Action: The system waits for a response. If you enter an invalid device address, the message

DMSINI079E 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 = cuu

Explanation: "cuu" 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 cuu

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.

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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 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 REL3 mm/dd/yy hh:mm
```

where mm/dd/yy is the month, day, and year and hh.mm is the hour and minute the CMS nucleus was created.

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:

```
VM/SP 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 was 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 = cuu

Explanation: "cuu" 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 cuu 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

```
DMSINI079E 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 Response: 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 used 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 Response: 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=4n where 'nn' is NUCEXT's return code to the calling module. Execution of the command that called NUCEXT terminates.

User Response: Verify that the level of CMS being used contains support for nucleus extensions; take action indicated by return code 'nn' as appropriate.

619E MODULE 'module name' NOT FOUND

Explanation: The module requested does not exist.

System Action: RC=28

User Response: 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 if 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.

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- 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|QUERY} MUST BE INVOKED AS A NUCLEUS EXTENSION

Explanation: {EXECIO|QUERY} was invoked by an assembler program and passed the incorrect parameter list for a nucleus extension call.

User Response: 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 Response: Reissue the command with the disk argument. :

INPUT FILE 'fileid' DOES NOT EXIST

Explanation: The indicated file cannot be found.

User Response: Check to 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 Response: Check to 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 Response: Check to make sure that you have not misspelled an option name.

VALUE MISSING AFTER 'option' OPTION

Explanation: There is not 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 Response: 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 'Case3' is used in a call to EXECIO, the message will read '...VALUE 3 NOT VALID FOR CASE OPTION.'

User Response: 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 Response: Check the syntax of the command.

'option' OPTION NOT VALID WITH 'operation' OPERATION

Explanation: The indicated option cannot be specified with the indicated operation. For example, the FINIS option is not valid if PRINT is specified as the second operand on the command line.

User Response: 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 Response: Check the command syntax.

DEVICE AND LINES ARGUMENTS ARE REQUIRED

Explanation: The first two EXECIO command line operands are always required.

User Response: Check the command syntax.

INVALID VALUE 'value' FOR NUMBER OF LINES

Explanation: The number of lines specified to be processed must be either a non-negative integer or an asterisk.

User Response: Check the value specified for the number of lines to be processed.

MISSING 'DEVICE' ARGUMENT

Explanation: The EXECIO command requires a 'DEVICE' argument.

User Response: 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 Response: Check the command syntax.

INVALID VALUE 'value' FOR DISK FILE LINE NUMBER

Explanation: The line number specified is negative or a non-numeric value.

User Response: Check the command syntax.

DISK FILEMODE REQUIRED FOR DISKW

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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 Response: Check the command syntax.

INVALID RECORD FORMAT 'recfm' -- MUST 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 Response: 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 Response: 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 Response: 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 Response: Check the logical record length 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 supplies 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 Response: 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 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 Response: 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 Response: Check the command syntax.

System Action: (for all variations of this message): RC=24 Execution is terminated.

622E INSUFFICIENT FREE STORAGE [message]

Explanation: Insufficient storage was available for 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 command terminates.

FOR EXECCOMM
RC=104
Execution of command terminates.

FOR EXECIO
RC=41
The request 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: Execution halts.

User Response: 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 for 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 invocations of NAMEFIND will not cause this warning to be displayed.

User Response: 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 either causing the module or phase to 1) overlay the CMS nucleus, or 2) overlay the Free Storage Pointers (as 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 Response: 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 Response: None.

624W NON NUCLEUS EXTENSIONS ARE
 LOADED

Explanation: No nucleus extensions have been loaded and therefore cannot be dropped.

System Action: RC=28

User Response: None.

626E INVALID ACTION ROUTINE
 PARAMETER 'parameter'

Explanation: The parameter passed to module DMSPOR in the routing table contains an invalid routine name.

System Action: None.

User Response: 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
QUERY	TOVM
STOP	SET

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 Response: 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 Response: 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 Response: 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 Response: 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 that contained 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 Response: 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 on 130 characters to be displayed.

System Action: RC=88
Processing is completed.

User Response: 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 Response: 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 Response: None.

636E UNSUPPORTED TYPE OF NETDATA FILE

Explanation: A file in the reader is not able to 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 Response: 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 Response: 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 Response: 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 Response: 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 Response: 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
{CUU}, 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 Response: Check the return codes for the ACCESS command to better identify the problem.

640R HELP DISK ADDRESS = CUU

Explanation: "cuu" 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 Response: 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 Response: Reissue the command and specify a command and at least one option.

642E DEFAULT 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 Response: 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 Response: You can use the RDRLIST command to see if there are any files in your reader other than those having the

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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 Response: 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 Response: 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 Response: 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 for your computer.

System Action: RC=32
Execution of the command is terminated.

User Response: Validate the value for the userid and insert it correctly into the NAMES file or reissue the command with correct userid.

649E EXTRANEOUS PARAMETER 'parameter'

Explanation: There were more operands specified than the command issued will accept.

System Action: RC=24
Execution of the command is terminated.

User Response: 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 Response: 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 Response: 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 Response: 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**

Explanation: An error was encountered while executing the specified command.

System Action: RC=40
Processing is terminated.

User Response: Check the return code for the command shown in the message to better identify the problem.

**654E INVALID SYMBOL 'string' ['/0'
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 Response: Re-enter 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 Response: 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 Response: 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 Response: 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 Response: 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:
XXXXX**

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 prefixed 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 Response: 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 Response: 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

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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 when SCOPE is DISPLAY. Also, if an F or P was specified as the target for an M prefix subcommand and they were entered on a line within the lines being moved, this message is issued. If an E 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, and it is prefixed by a "?."

User Response: None.

662W YOU ARE NOT ON AN ENTRY. PRESS PF 5, 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 Response: 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 Response: 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: PF 5, 7 or 8 was pressed and the search failed to find an entry.

System Action: None.

User Response: 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 Response: 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 Response: 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:," "FROM:," "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 Response: 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 Response: 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 Response: 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 Response: 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 Response: 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 NOT 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=36

User Response: 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 Response: Check that the proper addressees are contained in the NOTE header and reissue the command without specifying any addressees.

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 Response: 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 Response: 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 Response: 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 Response: Check the format of the options line as described in the NOTE command description and correct the

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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 Response: 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 Response: 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 fm' 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 Response: 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 Response: Reissue the command, specifying a filename and 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 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 Response: 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 Response: 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

User Response: 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 Response: 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 Response: None.

685E JOINED LINES(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 prefixed 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 Response: 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 in was not in the correct format. The correct format is either fixed-format with a LECL of 108 or variable format.

System Action: The command is not executed.

User Response: Correct the format of the file.

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: One of the following statements is missing from the RTABLE: LGLOPR, or ROUTE.

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 'cuu'
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 reissued 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.

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713E CANNOT CONNECT TO MESSAGE
SYSTEM SERVICE, CMSIUCV ERROR,
CODE= code

Explanation: 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 (cuu) [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 'cuu' REPLACES 'mode (ccu)'

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.

726I 'cuu 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.

726I 'cuu 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(cuu)'

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.

777E 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 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.

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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 VSEVSAM 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: VSEVSAM 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 3 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 CATCHeck is invalid. This might indicate that the catalog name or password is too long.

System Action: RC = 4

User Response: Refer to the CATCHeck 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.

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.

'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.
- 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

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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 'cuu'. 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 'cuu'. 'nn' indicates the nature of the error; it may be one of the following:

Code Meaning

Directory messed up or disk not properly formatted. Reformat disk.
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.

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 RDTRK/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 'cuu'. CSW
CCCCCCC SENSE SSSSSSS**

Explanation: An uncorrectable I/O error has occurred on virtual device address 'cuu'. 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: 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.

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909T PERM I/O ERROR ON 'cuu'. CSW
CCCCCCCC CCCCCCCC SENSE
SSSSSSSS SSSSSSSS SSSSSSSS
SSSSSSSS SSSSSSSS SSSSSSSS.

Explanation: An uncorrectable I/O error has occurred on virtual device address 'cuu'. 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 whenever 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 the 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 this 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 'CMMSGAM' SHARED SEGMENT TO
LOAD AT nnnnnn

Explanation: An attempt was made to load the shared segment (CMMSGAM) 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 'CMMSGAM' 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 (CMMSGAM) 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 'CMMSGAM' 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 use of a shared segment (CMMSGAM) 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 CMMSGAM shared segment has been loaded but then overwritten.

955E 'CMMSGAM' SHARED SEGMENT PAGING
I/O ERRORS WITH ccccccc

Explanation: An application program was using the shared segment (CMMSGAM) containing GAM/SP when a paging error occurred in the shared segment. ccccccc 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 (CMMSGAM) 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.

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 MODULE 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 STMT nnnnn

Explanation: This message occurs for VS BASIC 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 STMT nnnnn

Explanation: This message occurs with VS BASIC files only. RENUM cannot convert the line number operand in statement nnnnn because of incorrect language usage. The old line number is

EDIT

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 STMT nnnnn, NOT FOUND

Explanation: This message occurs for VS BASIC 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 "incrn" that would result in a line number that exceeds 99999 for VS BASIC files or 99999999 for FREEFOT files. The RENUM subcommand is terminated by the Editor. To continue, reissue RENUM with proper strtno and incrn 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 VS BASIC 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 FREEFOT 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.

EDIT

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 (cuu)' 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

DEBUG

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

SYSTEM PRODUCT INTERPRETER MESSAGES

The System Product Interpreter generates messages DMSREX450E through DMSREX492E.

Descriptions of these messages are found in the "Conversational Monitor System (CMS) Messages" section.

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

DMKACO425A PUN cuu ACCOUNTING DATA; FATAL I/O ERROR
 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

DMKCFD004E INVALID HEXLOC - hexloc
 DMKCFD026E OPERAND MISSING OR INVALID
 DMKCFD160E HEXLOC hexloc EXCEEDS STORAGE
 DMKCFD164E HEXLOC hexloc NON-ADDRESSABLE STORAGE

ATTACH

DMKNEA121E PRT resid NOT ATTACHED TO userid
 DMKSSS070E DEVICE NOT AVAILABLE - MSS DEVICES ALLOCATED
 DMKSSS071E DEVICE NOT AVAILABLE - MSS CANNOT BE ACCESSED
 DMKSSS072E DEVICE NOT AVAILABLE - 'raddr' NOT PROPER TYPE
 DMKSSS074E MISSING INTERRUPT - DEVICE 'raddr'
 DMKSSS075E DEVICE 'raddr' IS NOT AVAILABLE
 DMKSSS078I MSS MOUNT PROCEEDING FOR VOLUME 'valid'
 DMKVDE003E INVALID OPTION - option
 DMKVDE006E INVALID DEVICE TYPE - addr
 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 addr DOES NOT EXIST
 DMKVDE045E userid NOT LOGGED ON
 DMKVDE046E type raddr OFFLINE
 DMKVDE120E type raddr NOT ATTACHED; userid vaddr ALREADY DEFINED
 DMKVDE121E type raddr NOT ATTACHED TO userid
 DMKVDE122E 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
 DMKVDE128I DASD raddr ERROR READING ALLOCATION RECORD
 DMKVDE131E INSUFFICIENT FREE STORAGE AVAILABLE FOR ATTACH REQUEST
 DMKVDE133E DASD raddr NOT READY
 DMKVDE134E type vaddr 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
 DMKVDE199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DVHVDE962I CP OWNED DASD cuu VOLID valid INVALID ALLOCATION RECORD

ATTACH CHANNEL

DMKACR149E DEVICE PATH raddr PROC addr 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

DMK

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

DMKCS0003E INVALID OPTION - option
DMKCS0006E INVALID DEVICE TYPE - addr
DMKCS0021E RADDR MISSING OR INVALID
DMKCS0040E DEV addr DOES NOT EXIST
DMKCS0046E type raddr OFFLINE
DMKCS0140E type raddr ATTACHED TO userid
DMKCS0141E type raddr NOT ACTIVE
DMKCS0441E NOT ACCEPTED. PREVIOUS BACKSPACE STILL BEING PROCESSED
DMKRSE240E PRT cuu, FCB-FORMS MISMATCH, FILEID nnn {HELD|PURGED}
DMKRSE241E PRT cuu, INVALID LOAD MODULE mmmm SPECIFIED,
FILE nnnn {HELD|PURGED}
DMKRSE242E PRT cuu (3800) INTERVENTION REQD, STATUS CODE cc
DMKRSE252I PRT cuu, FILE nnnn REQUEUED AND HELD
DMKRSE255I PRT cuu, PAGE BUFFER DESTROYED, BACK UP PAGE COUNT = nnnn

BEGIN

DMKCFJ004E 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

DMKCSQ003E INVALID OPTION - option
DMKCSQ006E INVALID DEVICE TYPE - addr
DMKCSQ013E CONFLICTING OPTION - option
DMKCSQ022E VADDR MISSING OR INVALID
DMKCSQ029E FNAME FTYPE MISSING OR INVALID
DMKCSQ032E DIST CODE MISSING OR INVALID
DMKCSQ040E DEV addr DOES NOT EXIST

COUPLE

DMKDIB003E INVALID DEVICE TYPE - addr
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

CPTRAP

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
DMKTRP304E CPTRAP IS STOPPING, NO INPUT ALLOWED

DMKTRP305I CPTRAP SELECTIVITY RESET
 DMKTRP306I CPTRAP IS ALREADY ACTIVE
 DMKTRP309E OPERAND IGNORED SELECT TABLE FULL
 DMKTRT307I CPTRAP (CP/VIRTUAL) cccc INTERFACE DATA IGNORED
 DMKTRT308I CPTRAP DATA LOST

DCP

DMKCDB003E INVALID OPTION - option
 DMKCDB004E INVALID HEXLOC - hexloc
 DMKCDB009E INVALID RANGE - range
 DMKCDB026E OPERAND MISSING OR INVALID
 DMKCDB033E HEXLOC MISSING OR INVALID
 DMKCDB160E HEXLOC hexloc EXCEEDS STORAGE

DDR

DMKDDR700E INPUT UNIT IS NOT A CPVOL
 DMKDDR701E INVALID OPERAND - xxxxxx
 DMKDDR702E CONTROL STATEMENT SEQUENCE ERROR
 DMKDDR703E OPERAND MISSING
 DMKDDR704E DEV cuu NOT OPERATIONAL
 DMKDDR705E I/O ERROR cuu CSW csw SENSE sense
 INPUT bbcchh OUTPUT bbcchh CCW ccw
 DMKDDR705E I/O ERROR cuu CSW csw SENSE sense
 INPUT bbcchh OUTPUT {bbcchh|nnnnnn} CCW ccw
 DMKDDR707E MACHINE CHECK
 DMKDDR708E INVALID INPUT OR OUTPUT DEFINITION
 DMKDDR709E WRONG INPUT TAPE MOUNTED
 DMKDDR710A DEV cuu INTERVENTION REQUIRED
 DMKDDR711R VOLID READ IS valid2 [NOT valid1]
 DO YOU WISH TO CONTINUE? RESPOND YES NO OR REREAD:
 DMKDDR712E NUMBER OF EXTENTS EXCEEDS 20
 DMKDDR713E OVERLAPPING OR INVALID EXTENTS
 DMKDDR714E RECORD bbcchh NOT FOUND ON TAPE
 DMKDDR715E LOCATION bbcchh 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 valid1 TO BE RESTORED TO valid2.
 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
 DMKDDR721E RECORD cchhr 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
 DMKDDR729I FULL TRACK NOT AVAILABLE
 DMKDDR756E PROGRAM CHECK PSW = psw

DEFINE

DMKDEF003E INVALID OPTION - option
 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
 DMKDEF040E DEV addr DOES NOT EXIST
 DMKDEF091E DASD vaddr NOT DEFINED; TEMP SPACE NOT AVAILABLE
 DMKDEF092E DEV vaddr NOT DEFINED; type vaddr ALREADY DEFINED
 DMKDEF095E DEV vaddr NOT DEFINE; INSUFFICIENT FREE STORAGE
 DMKDEF136E DEV vaddr NOT DEFINED; CHAN x DEDICATED
 DMKDEF136E DEVICE {vaddr|raddr} NOT {DEFINED|VARIED}; CHANNEL XX DEDICATED
 DMKDEF153E DEVICE {vaddr|RNG} EXCEEDED MAX NUMBER OF VIRTUAL DEVICES
 DMKDEG025E STORAGE MISSING OR INVALID
 DMKDEG026E OPERAND MISSING OR INVALID
 DMKDEG094E STORAGE EXCEEDS ALLOWED MAXIMUM
 DMKDEI274E DEV 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

DMK

DMKDEI278E DEVICE NOT A DASD
DMKDEI279E DASD NOT VUA
DMKDEI280E raddr ALREADY VIRTUAL

DETACH

DMKNEA020E USERID MISSING OR INVALID
DMKVDD0006E 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
DMKVDD020E USERID MISSING OR INVALID
DMKVDE034E CHANNEL MISSING OR INVALID
DMKVDE039E PROCESSOR ADDRESS 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

DMKDIR751E INVALID OPERAND - xxxxxx
DMKDIR752E STATEMENT SEQUENCE ERROR FOLLOWING USER user
DMKDIR753E OPERAND MISSING
DMKDIR754E DEV cuu NOT OPERATIONAL
DMKDIR755E I/O ERROR cuu 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
DMKDIR762E DIRECTORY STATEMENT MISSING
DMKDIR763E INVALID FILENAME OR FILE NOT FOUND
DMKDIR764E ERROR IN routine

DISABLE

DMKCPV003E INVALID OPTION - option
DMKCPV006E INVALID DEVICE TYPE - addr
DMKCPV021E RADDR MISSING OR INVALID
DMKCPV026E OPERAND MISSING OR INVALID
DMKCPV040E DEV addr DOES NOT EXIST
DMKCPV046E type raddr OFFLINE
DMKCPV140E type raddr ATTACHED TO userid
DMKCPV199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
DMKCPV923I FAILING STORAGE FRAME AT LOCATION raddr
DMKCPV924I xxxx ADDITIONAL FAILING STORAGE FRAMES EXIST

DISCONN

DMKUS0003E INVALID OPTION - option
 DMKUS0197E SECONDARY USER IS NOT AVAILABLE

DISPLAY

DMKCDB003E INVALID OPTION - option
 DMKCDB004E INVALID HEXLOC - hexloc
 DMKCDB009E INVALID RANGE - range
 DMKCDB010E INVALID REGISTER - register
 DMKCDB160E HEXLOC hexloc EXCEEDS STORAGE

DMCP

DMKCDM003E INVALID OPTION - option
 DMKCDM004E INVALID HEXLOC - hexloc
 DMKCDM009E INVALID RANGE - range
 DMKCDM033E HEXLOC MISSING OR INVALID
 DMKCDM160E HEXLOC hexloc EXCEEDS STORAGE

DRAIN

DMKCS0003E INVALID OPTION - option
 DMKCS0006E INVALID DEVICE TYPE - addr
 DMKCS0021E RADDR MISSING OR INVALID
 DMKCS0040E DEV addr DOES NOT EXIST
 DMKCS0046E type raddr OFFLINE
 DMKCS0140E type raddr ATTACHED TO userid

DUMP

DMKCDM004E INVALID HEXLOC - hexloc

ECHO

None.

ENABLE

DMKCPV003E INVALID OPTION - option
 DMKCPV006E INVALID DEVICE TYPE - addr
 DMKCPV021E RADDR MISSING OR INVALID
 DMKCPV026E OPERAND MISSING OR INVALID
 DMKCPV040E DEV addr DOES NOT EXIST
 DMKCPV046E type raddr OFFLINE
 DMKCPV140E type raddr ATTACHED to userid
 DMKCPV199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DMKLD0923I FAILING STORAGE FRAME AT LOCATION raddr
 DMKLD0924I xxxx ADDITIONAL FAILING STORAGE FRAMES EXIST

EXTERNAL

DMKCPB005E INVALID HEXDATA - hexdata

FLUSH

DMKCS0003E INVALID OPTION - option
 DMKCS0006E INVALID DEVICE TYPE - addr
 DMKCS0013E CONFLICTING OPTION - option
 DMKCS0021E RADDR MISSING OR INVALID
 DMKCS0040E DEV addr DOES NOT EXIST
 DMKCS0046E type raddr OFFLINE
 DMKCS0140E type raddr ATTACHED TO userid
 DMKCS0141E type raddr NOT ACTIVE

FORCE

DMKUS0003E INVALID OPTION - option
 DMKUS0020E USERID MISSING OR INVALID
 DMKUS0045E userid NOT LOGGED ON

FREE

DMKCS0006E INVALID DEVICE TYPE - addr
 DMKCS0007E INVALID USERID - userid
 DMKCS0020E USERID MISSING OR INVALID
 DMKCS0053E userid NOT IN CP DIRECTORY

HALT

DMKCP0144W type vaddr RESET BY userid
 DMKCP021E RADDR MISSING OR INVALID
 DMKCP040E DEV addr DOES NOT EXIST

HOLD

DMK

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 cuu, PRT FCB-FORMS MISMATCH, FILEID nnnn {HELD|PURGED}
 DMKTCS241E PRT cuu, INVALID LOAD MODULE mmmm SPECIFIED,
 FILE nnnn {HELD|PURGED}
 DMKTCT270E 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
 DMKCLK437E SYSTEM PAGING SPACE NOT AVAILABLE, IPL TERMINATED
 DMKCLK970W TOD CLOCK SYNC CHECK RECEIVED
 DMKCPI185E CP ASSIST LEVEL xx NOT SUPPORTED - CP ASSIST DISABLED
 DMKCPI913I CP OWNED VOLID xxxxxx INVALID FOR 3330V
 DMKCPI914I TRACE TABLE IS SMALLER THAN REQUESTED
 DMKCPI923I FAILING STORAGE FRAME AT LOCATION raddr
 DMKCPI924I xxxxx ADDITIONAL FAILING STORAGE FRAMES EXIST
 DMKCPI950A OPERATOR NOT LOGGED ON; EXPLICIT LOGON REQUIRED
 DMKCPI958I ATTACHED PROCESSOR NOT OPERATIONAL
 DMKCPI959W ATTACHED PROCESSOR NOT ONLINE
 DMKCPI962I CP OWNED DASD cuu VOLID volid INVALID ALLOCATION RECORD
 DMKCPI963I SECOND PROCESSOR NOT ONLINE
 DMKCPI964I PROC xx INITIALIZED; PROC yy INITIALIZED
 DMKCPI971I SYSTEM IS {UP|AP|MP} GENERATED
 DMKCPJ966I INITIALIZATION COMPLETE
 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

DMKJRL145I USERID: userid AT term-raddr WITH INVALID PASSWORD NO. xxx (pswd)
 HAS VIOLATED THE LIMIT OF yyy [,A=userid]

LINK

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 raddr NOT LINKED; COMMAND FORMAT NOT VALID
DMKLNK119E USERID vaddr NOT LINKED; INSUFFICIENT FREE STORAGE
DMKLNK137E DASD vaddr NOT LINKED; CHAN x DEDICATED
DMKLNK139E DASD addr NOT LINKED; 3330V NOT ACCEPTED AS SYSTEM VOLUME
DMKLNK153E DEVICE {vaddr|RNG} EXCEEDED MAX NUMBER OF VIRTUAL DEVICES
DMKLNK199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
DMKSSS070E DEVICE NOT AVAILABLE - MSS DEVICES ALLOCATED
DMKSSS071E DEVICE NOT AVAILABLE - MSS CANNOT BE ACCESSED
DMKSSS073E DEVICE NOT AVAILABLE - MSS ERROR
DMKSSS078I MSS MOUNT PROCEEDING FOR VOLUME 'volid'

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
DMKCSB040E DEV addr DOES NOT EXIST
DMKCSB043E BUFFER name DOES NOT EXIST
DMKCSB046E 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

LOADVFCB
DMKCSB006E INVALID DEVICE TYPE - addr
DMKCSB022E VADDR MISSING OR INVALID
DMKCSB026E OPERAND 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

LOCATE
DMKCFD021E RADDR MISSING OR INVALID
DMKCFD022E VADDR MISSING OR INVALID
DMKCFD026E OPERAND MISSING OR INVALID
DMKCFD040E DEV addr 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
DMKLOG003E INVALID OPTION - option
DMKLOG020E USERID MISSING OR INVALID
DMKLOG050E PASSWORD INCORRECT
DMKLOG052E ERROR IN CP DIRECTORY
DMKLOG053E userid NOT IN CP DIRECTORY
DMKLOG054E ALREADY LOGGED ON {LINE|GRAF|LUNAME} raddr
DMKLOG067E COMMAND FORMAT NOT VALID
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

DMK

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
 DMKLOG188E SPECIFIED PROCESSOR UNAVAILABLE
 DMKLOG189E AFFINITY NOT SET; SYSTEM IN UNIPROCESSOR MODE
 DMKLOG250E 370E IS NOT AVAILABLE (ON PROC xx)
 DMKLOG251E 370E IS NOT ACTIVE
 DMKLOH196E SECONDARY USER IS NOT IN CP DIRECTORY
 DMKLOH206E CANNOT CONNECT TO HOST VIRTUAL MACHINE
 DMKSSS070E DEVICE NOT AVAILABLE - MSS DEVICES ALLOCATED
 DMKSSS071E DEVICE NOT AVAILABLE - MSS CANNOT BE ACCESSED
 DMKSSS072E DEVICE NOT AVAILABLE - 'raddr' NOT PROPER TYPE
 DMKSSS073E DEVICE NOT AVAILABLE - MSS ERROR
 DMKSSS078I MSS MOUNT PROCEEDING FOR VOLUME 'valid'

LOGOFF

DMKUS0003E INVALID OPTION - option

MONITOR

DMKCPI229I USER OF MONITOR DOES NOT EXIST
 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 type raddr OFFLINE
 DMKMCC140E type raddr ATTACHED TO userid
 DMKMCC143E type raddr IN USE BY SYSTEM
 DMKMCC199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DMKMCC211E MONITOR TAPE IS ALREADY ACTIVE
 DMKMCD212E MONITOR TAPE IS NOT 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
 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 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
 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

MSG

DMKMSG003E INVALID OPTION - option
 DMKMSG020E USERID MISSING OR INVALID
 DMKMSG045E userid NOT LOGGED ON
 DMKMSG057W userid NOT RECEIVING; {DISCONNECTED|MSG OFF|NOT DISC|NO
 CONSOLE|MSG 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
 DMKRND861E DUMP FILE 'filename' NOT FOUND
 DMKRND863E INVALID PARAMETER - parameter

NETWORK

DMKNES002E INVALID OPERAND - operand
 DMKNES004E 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 CTLR raddr ATTACHED TO userid
 DMKNES160E HEXLOC hexloc EXCEEDS STORAGE
 DMKNES199E COMMAND REJECTED; DEVICE raddr PENDING
 DMKNES706E LINE addr NOT ENABLED
 DMKNET002E INVALID OPERAND - operand
 DMKNET003E INVALID OPTION - option
 DMKNET004E 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 addr DOES NOT EXIST
 DMKNLD044E SYSTEM name DOES NOT EXIST
 DMKNLD046E CTLR raddr OFFLINE
 DMKNLD140E CTLR raddr ATTACHED TO userid
 DMKNLD143E CTLR 'raddr' IN USE BY SYSTEM
 DMKNLD170E SYSTEM name EXCEEDS STORAGE
 DMKNLD171E SYSTEM name VOLID valid NOT MOUNTED
 DMKNLD199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DMKNLD460E CTLR raddr LOAD FAILED: PROGRAM CHECK
 DMKNLD461R CTLR raddr IPL NOT REQUIRED; ENTER 'YES' TO CONTINUE
 DMKNLD470E CTLR raddr LOAD FAILED: PAGING I/O ERROR
 DMKNLD471E CTLR raddr LOAD FAILED: UNRECOVERABLE I/O ERROR
 DMKNLE003E INVALID OPTION - option
 DMKNLE006E INVALID DEVICE TYPE - raddr
 DMKNLE021E RADDR MISSING OR INVALID
 DMKNLE040E DEV addr DOES NOT EXIST
 DMKNLE046E CTLR raddr OFFLINE
 DMKNLE140E CTLR raddr ATTACHED TO userid
 DMKNLE143E CTLR 'raddr' IN USE BY SYSTEM
 DMKNLE199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DMKNLE460E CTRL raddr DUMP FAILED: PROGRAM CHECK
 DMKNLE461R CTRL raddr IPL NOT REQUIRED; ENTER 'YES' TO CONTINUE
 DMKNLE464I CTRL raddr CC = 3; DEPRESS 370X "LOAD" BUTTON
 DMKNLE469E CTRL raddr DUMP FAILED; TEMP SPACE NOT AVAILABLE
 DMKNLE470E CTRL raddr DUMP FAILED: PAGING I/O ERROR
 DMKNLE471E CTRL raddr DUMP FAILED: UNRECOVERABLE I/O ERROR

NOTREADY
 DMKCPB003E INVALID DEVICE TYPE - addr
 DMKCPB022E VADDR MISSING OR INVALID
 DMKCPB040E DEV addr 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

DMK

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 - addr
 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 cuu, FCB-FORMS MISMATCH, FILEID nnnn {HELD|PURGED}
 DMKTCS241E PRT cuu, INVALID LOAD MODULE mmmm SPECIFIED, FILE nnnn {HELD|PURGED}

QUERY

DMKCFJ026E OPERAND MISSING OR INVALID
 DMKCCG020E USERID MISSING OR INVALID
 DMKCCG022E VADDR MISSING OR INVALID
 DMKCCG027E SPOOLID MISSING OR INVALID
 DMKCCG040E DEV addr DOES NOT EXIST
 DMKCCG042E SPOOLID nnnn DOES NOT EXIST
 DMKCCG045E userid NOT LOGGED ON
 DMKCCP003E INVALID OPTION - option
 DMKCCP023E VOLID MISSING OR INVALID
 DMKCCP040E DEV addr DOES NOT EXIST
 DMKCCP466I CTRL cuu IN BUFFER SLOWDOWN MODE
 DMKCCQ006E INVALID DEVICE TYPE - addr
 DMKCCQ021E RADDR MISSING OR INVALID
 DMKCCQ022E VADDR MISSING OR INVALID
 DMKCCQ023E VOLID MISSING OR INVALID
 DMKCCQ040E DEV addr DOES NOT EXIST
 DMKCCQ045E userid NOT LOGGED ON
 DMKCCQ466I CTRL cuu IN BUFFER SLOWDOWN MODE
 DMKCCR003E INVALID OPTION - option
 DMKCCR020E USERID MISSING OR INVALID
 DMKCCR026E OPERAND MISSING OR INVALID
 DMKCCR028E CLASS MISSING OR INVALID
 DMKCCR045E userid NOT LOGGED ON
 DMKCCS003E INVALID OPTION - option
 DMKCCY020E USERID MISSING OR INVALID
 DMKCCY026E OPERAND MISSING OR INVALID
 DMKCCY045E userid NOT LOGGED ON
 DMKPEQ003E INVALID OPTION - option
 DMKPEI047E {userid {vaddr|segname}|THE CURRENT TRACESET|THE TRACESET traceset|A SAVED TRACESET} DOES NOT EXIST
 DMKPEQ180E PER TRACE NOT IN EFFECT

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 addr DOES NOT EXIST

REPEAT

DMKCS0003E INVALID OPTION - option
 DMKCS0006E INVALID DEVICE TYPE - addr
 DMKCS0013E CONFLICTING OPTION - option
 DMKCS0021E RADDR MISSING OR INVALID
 DMKCS0030E COPIES MISSING OR INVALID
 DMKCS0040E DEV addr DOES NOT EXIST
 DMKCS0046E type raddr OFFLINE
 DMKCS0140E type raddr ATTACHED TO userid
 DMKCS0141E type raddr NOT ACTIVE

RESET

DMKCPB022E VADDR MISSING OR INVALID
 DMKCPB040E DEV addr DOES NOT EXIST

REWIND

DMKCPB006E INVALID DEVICE TYPE - addr
 DMKCPB022E VADDR MISSING OR INVALID
 DMKCPB040E DEV addr DOES NOT EXIST

SAVESYS

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 PROCESSOR proc addr}
 DMKCF0186E CP ASSIST NOT AVAILABLE
 DMKCF0188E SPECIFIED PROCESSOR UNAVAILABLE
 DMKCF0250E 370E IS NOT AVAILABLE (ON PROC xx)
 DMKCF0255W 370E FEATURE NOW DISABLED
 DMKCF0003E INVALID OPTION - option
 DMKCF0006E INVALID DEVICE TYPE - addr
 DMKCF026E OPERAND MISSING OR INVALID
 DMKCF045E userid NOT LOGGED ON
 DMKCF046E DEV type raddr OFFLINE
 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
 DMKCFU003E INVALID OPTION - option
 DMKCFU006E INVALID DEVICE TYPE - addr
 DMKCFU013E CONFLICTING OPTION - option
 DMKCFU021E RADDR MISSING OR INVALID
 DMKCFU026E OPERAND MISSING OR INVALID

DMK

DMKCFU040E DEV addr DOES NOT EXIST
 DMKCFU046E 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 AUTO DUMP REALLOCATED TO DASD raddr
 DMKCFU953I UNABLE TO ALLOCATE SYSTEM AUTO DUMP
 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
 DMKMCIO03E INVALID OPTION - option
 DMKMCIO26E OPERAND MISSING OR INVALID
 DMKMSG003E INVALID OPTION - option
 DMKVAT064E SHADOW TABLE BYPASS; RESET

SHUTDOWN

None.

SLEEP

DMKCFJ002E INVALID OPERAND - operand

SMSG

DMKMSG002E USERID MISSING OR INVALID
 DMKMSG045E userid NOT LOGGED ON
 DMKMSG057W userid NOT RECEIVING; {DISCONNECTED|SMSG OFF|NOT AUTHORIZED|WNG OFF}

SPACE

DMKCS0006E INVALID DEVICE TYPE - addr
 DMKCS0021E RADDR MISSING OR INVALID
 DMKCS0040E DEV addr DOES NOT EXIST
 DMKCS0046E type raddr OFFLINE
 DMKCS0140E type raddr ATTACHED TO userid
 DMKCS0141E type raddr NOT ACTIVE
 DMKSPS026E OPERAND MISSING OR INVALID
 DMKSPS028E CLASS MISSING OR INVALID
 DMKSPS037E TAPE raddr INVALID FOR STORAGE 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
 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

SPMODE

DMKSPM026E OPERAND MISSING OR INVALID
 DMKSPM804E SINGLE PROCESSOR MODE ON REJECTED
 DMKSPM805E SINGLE PROCESSOR MODE OFF REJECTED
 DMKSPM808I SINGLE PROCESSOR MODE ACTIVE

SPTAPE

DMKSPS037E TAPE raddr INVALID FOR SPTAPE COMMAND
 DMKSPT199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE

SPOOL

DMKCQH013E CONFLICTING OPTION - option
 DMKCQH024E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
 DMKCS0024E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
 DMKCS003E 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
 DMKCSP030E COPIES 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
 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

START

DMKCS0003E INVALID OPTION - option
 DMKCS0006E INVALID DEVICE TYPE - addr
 DMKCS0013E CONFLICTING OPTION - option
 DMKCS0021E RADDR MISSING OR INVALID
 DMKCS0028E CLASS MISSING OR INVALID
 DMKCS0040E DEV addr DOES NOT EXIST
 DMKCS0046E type raddr OFFLINE
 DMKCS0140E type raddr ATTACHED TO userid
 DMKCS0243E FLASH MISSING OR INVALID
 DMKCS0245E CHARS MISSING OR INVALID
 DMKCS0246E FCB MISSING OR INVALID
 DMKCS0253E MODIFY MISSING OR INVALID

STCP

DMKCDS0004E INVALID HEXLOC - hexloc
 DMKCDS0005E INVALID HEXDATA - hexdata
 DMKCDS026E OPERAND MISSING OR INVALID
 DMKCDS033E HEXLOC MISSING OR INVALID
 DMKCDS160E HEXLOC hexloc EXCEEDS STORAGE
 DMKCDS162E INVALID ECR x - hexdata
 DMKCDS166E CHANGED SHARED PAGE NOT WRITTEN TO AUXILIARY STORAGE
 DMKVMA161E SHARED PAGE hexloc ALTERED BY userid

STORE

DMKCDS0004E INVALID HEXLOC - hexloc
 DMKCDS0005E 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
 DMKCDS162E INVALID ECR x - hexdata
 DMKCDS163E STORE EXCEEDS MAXIMUM REGISTER
 DMKCDS164E HEXLOC hexloc NON-ADDRESSABLE STORAGE
 DMKCDS166E CHANGED SHARED PAGE NOT WRITTEN TO AUXILIARY STORAGE

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

DMK

DMKCFT002E INVALID OPERAND - operand
 DMKCFT006E INVALID DEVICE TYPE - addr
 DMKCFT026E OPERAND MISSING OR INVALID
 DMKGRF457E TERMINAL SCRNSAVE UNSUCCESSFUL

TRACE

DMKTRA002E INVALID OPERAND - operand
 DMKTRA003E INVALID OPTION - option
 DMKTRA013E CONFLICTING OPTION - option
 DMKTRA026E OPERAND MISSING OR INVALID
 DMKTRA180W TRACE NOT IN EFFECT

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

TRAPRED

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 00C - XXXXXXXXXXXX
 DMKTRR303E 00C READER FILE NOT LOCATABLE
 DMKTRR305I TRAPRED SELECTIVITY RESET
 DMKTRR764E ERROR IN ROUTINE XXXXXXXXX

UNLOCK

DMKCPV004E 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

DMKCP0049E type raddr IN USE
 DMKCP0124E DASD raddr IN USE BY nnn USERS
 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 PROCESSOR nn
 DMKCPP623I CHANNEL SET CONNECTED TO PROCESSOR nn
 DMKCPT003E INVALID OPTION - option
 DMKCPT021E RADDR MISSING OR INVALID
 DMKCPT026E OPERAND MISSING OR INVALID
 DMKCPT040E DEV addr DOES NOT EXIST
 DMKCPT046E {DEV rid|type raddr} OFFLINE
 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
 DMKCPU192E VARY PROCESSOR COMMAND FAILED
 DMKCPU193I PROCESSOR nn ONLINE
 DMKCPU194I PROCESSOR nn OFFLINE
 DMKCPU812E MSSF RESPONSE CODE TO VARY CP {ON|OFF} IS nnnn
 | 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

DMS

CMS MESSAGE SUMMARY

ACCESS

DMSACC002E FILE 'DMSROS TEXT' NOT FOUND
 DMSACC003E INVALID OPTION 'option'
 DMSACC017E INVALID DEVICE ADDRESS 'cuu'
 DMSACC048E INVALID MODE 'mode'
 DMSACC059E 'cuu' ALREADY ACCESSED AS READ/WRITE 'mode' DISK
 DMSACC060E FILE(S) 'fn [ft [fm]]' NOT FOUND. DISK 'mode(cuu)' WILL NOT BE
 ACCESSED
 DMSACC109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSACC112S 'mode (cuu)' DEVICE ERROR
 DMSACC113S 'mode (cuu)' NOT ATTACHED
 DMSACC230W OS DISK-FILEID AND/OR OPTIONS SPECIFIED ARE IGNORED
 DMSACC240S ERROR LOADING READ OS ROUTINE 'DMSROS TEXT'
 DMSACC723I mode (cuu) {R/O|R/W} [-OS|-DOS]
 DMSACC724I 'cuu' REPLACES 'mode (cuu)'
 DMSACC725I cuu ALSO = 'mode' [-OS|-DOS] DISK
 DMSACC726I 'cuu mode [/ext]' RELEASED

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
 DMSDLB069E DISK 'mode' NOT ACCESSED
 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} (cuu)' 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
 DMSDLB069E DISK 'mode' NOT ACCESSED
 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

COPYFILE
 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[(cuu)]' IS READ/ONLY
 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 NOT ACCESSED
 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:

DMS

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'

DEBUG

DMSDBG113S PRINTER (cuu) NOT ATTACHED
DMSDBG728I DEBUG ENTERED [EXTERNAL INT|BREAKPOINT nn AT xxxxxx]

DEFAULTS

DMSSTT062E INVALID CHARACTER 'character' IN FILEID 'fn ft fm'
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'|'OPTION'
option for 'COMMAND'}
DMSWDF653E ERROR EXECUTING 'GLOBALV'

DISCARD

DMSWDC649E EXTRANEIOUS PARAMETER 'parameter'
DMSWDC651E DISCARD MUST BE ISSUED FOR RDRLIST, PEEK OR FILELIST
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[*cuu*]' IS READ/ONLY
DMSDSK047E NO FUNCTION SPECIFIED
DMSDSK048E INVALID MODE 'mode'
DMSDSK054E INCOMPLETE FILEID SPECIFIED
DMSDSK062E INVALID * IN FILEID ['fn ft fm']
DMSDSK069E DISK 'MODE [*cuu*]' NOT ACCESSED
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
DMSDSK109S VIRTUAL STORAGE CAPACITY EXCEEDED
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
DMSDLB027E NO FILETYPE SPECIFIED
DMSDLB043E INVALID MODE 'mode'
DMSDLB050E PARAMETER MISSING AFTER DDNAME
DMSDLB065E 'option' OPTION SPECIFIED TWICE
DMSDLB066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSDLB069E DISK 'mode' NOT ACCESSED
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
 DMSDSL046E NO LIBRARY NAME SPECIFIED
 DMSDSL047E NO FUNCTION SPECIFIED
 DMSDSL069E DISK 'mode' NOT ACCESSED
 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' NOT ACCESSED
 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'

DMS

DMSERS037E DISK 'mode (cuu)' IS READ/ONLY
 DMSERS048E INVALID MODE 'mode'
 DMSERS054E INCOMPLETE FILEID ['fn [ft]] SPECIFIED
 DMSERS069E DISK 'mode' NOT ACCESSED
 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
 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: xxxxx
 DMSEIO622E INSUFFICIENT FREE STORAGE FOR EXECIO
 DMSEIO632E I/O ERROR IN EXECIO: RC=nnn FROM 'command' COMMAND

EXECUPDT

DMSLST048E INVALID MODE 'mode'
 DMSSTT002E FILE 'fn ft fm' NOT FOUND
 DMSSTT048E INVALID MODE 'mode'
 DMSSTT062E INVALID CHARACTER 'char' IN FILEID 'fn ft'
 DMSSTT069E DISK 'mode' NOT ACCESSED
 DMSUPD002E FILE 'fn ft fm' NOT FOUND
 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 'UPDATE CMSUT1 fm' ALREADY EXISTS
 DMSUPD065E 'option' OPTION SPECIFIED TWICE
 DMSUPD066E 'option' and 'option' ARE CONFLICTING OPTIONS
 DMSUPD104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
 DMSUPD105S ERROR 'nn' WRITING FINE 'fn ft fm' ON DISK
 DMSUPD174W SEQUENCE ERROR INTRODUCED IN OUTPUT FILE '.....'
 TO '.....'
 DMSUPD176W SEQUENCING OVERFLOW FOLLOWING SEQ NUMBER '.....'
 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
 DMSUPD183E INVALID (CONTROL[AUX]) FILE CONTROL CARD
 DMSUPD184W './S' NOT FIRST CARD IN INPUT 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 UPDATED
 DMSWUP649E EXTRANEIOUS PARAMETER 'parm'
 DMSWUP054E INCOMPLETE FILEID SPECIFIED
 DMSWUP002E FILE 'fn ft fm' NOT FOUND
 DMSWUP671E ERROR UPDATING fn ft fm. RC=xx FROM XEDIT
 DMSWU0637E MISSING 'value' FOR THE 'CTL' OPTION

EXECUTE

DMSWEX526E OPTION 'CURSOR' VALID IN DISPLAY MODE ONLY
 DMSWEX543E INVALID NUMBER : xxxxxxxx
 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}

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 (cuu) 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' AS THIS AREA IS
 AVAILABLE FOR SYSTEM USE ONLY
 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' AS THIS AREA IS
 AVAILABLE FOR SYSTEM USE ONLY
 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 'cuu'
 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
 DMSFLD069E DISK 'mode' NOT ACCESSED
 DMSFLD070E INVALID PARAMETER 'parameter'
 DMSFLD220R ENTER DATA SET NAME:
 DMSFLD221E INVALID DATA SET NAME '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 'cuu' IS AN INVALID DISK ADDRESS
 DMSFLD704I INVALID CLEAR REQUEST
 DMSSTT228I USER LABELS BYPASSED ON DATA SET 'data set name'

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 WHT 'FILELIST' OPTION
 DMSWFL680E INVALID CHARACTER 'character' IN FILEID 'fn ft fm'

FORMAT

DMSFOR003E INVALID OPTION 'option'
 DMSFOR005E NO 'option' SPECIFIED
 DMSFOR017E INVALID DEVICE ADDRESS 'cuu'
 DMSFOR028E NO DEVICE SPECIFIED
 DMSFOR037E DISK 'mode[(cuu)]' IS READ/ONLY
 DMSFOR048E INVALID MODE 'mode'
 DMSFOR069E DISK {'mode'|'cuu'} NOT ACCESSED
 DMSFOR070E INVALID PARAMETER 'parameter'
 DMSFOR113S {TAPn(cuu)|mode(cuu)|READER|PUNCH|PRINTER} NOT ATTACHED
 DMSFOR114S 'cuu' IS AN UNSUPPORTED DEVICE TYPE
 DMSFOR114S 'cuu' IS AN UNSUPPORTED DEVICE, OR REQUESTED BLKSIZE IS NOT
 SUPPORTED FOR THE DEVICE
 DMSFOR125S PERMANENT UNIT CHECK ON DISK 'mode(cuu)'
 DMSFOR126S ERROR {READ|WRIT}ING LABEL ON DISK 'mode(cuu)'

DMS

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(cuu)'.
 DO YOU WISH TO CONTINUE? (YES|NO):
 DMSFOR605R ENTER DISK LABEL:
 DMSFOR705I DISK REMAINS UNCHANGED
 DMSFOR732I 'nnn' CYLINDERS FORMATTED ON DISK 'mode(cuu)'.
 DMSFOR732I 'nnn' {CYLINDERS|FB-512 BLOCKS} FORMATTED ON DISK 'mode(cuu)'.
 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' FROM DISK
 DMSGLO618E NUCEXT FAILED
 DMSGLO622E INSUFFICIENT FREE STORAGE - NO TABLE MADE
 DMSGLO628E INVALID GLOBALV FUNCTION 'function'
 DMSGLO631E SETL/SETLP/SETLS CAN ONLY BE EXECUTED FROM AN EXEC 2 OR REXX EXEC
 [OR AS A CMS COMMAND]
 DMSGLO649E EXTRANEIOUS PARAMETER 'parameter'

HELP

DMSHEL529E 'subcommand' SUBCOMMAND IS ONLY VALID IN EDITING MODE
 DMSHEL545E MISSING OPERAND(S)
 DMSHEL586E STRING NOT FOUND
 DMSHEL561E CURSOR IS NOT ON A VALID DATA FIELD
 DMSHEL640E UNABLE TO ACCESS HELP DISK {cuu}, RC=nn FROM ACCESS COMMAND
 DMSHEL657E UNDEFINED PFKEY
 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
 DMSHLP907T I/O ERROR ON FILE 'fn ft fm'

IDENTIFY

DMSIDE003E INVALID OPTION 'option'
 DMSIDE056E FILE 'fn ft' CONTAINS INVALID RECORD FORMAT
 DMSIDE070E INVALID PARAMETER 'parameter'
 DMSIDE104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK

IMMCMD

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

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'

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' AS THIS AREA IS AVAILABLE FOR SYSTEM USE ONLY
 DMSLIO740I EXECUTION BEGINS ...
 DMSLIO907T I/O ERROR ON FILE 'fn ft fm'

IOCP

DMSICP001E NO FILENAME SPECIFIED
 DMSICP003E FILE 'filename' IOCP NOT FOUND
 DMSICP003E INVALID OPTION 'option'
 DMSICP036E 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

DMS**LISTDS**

DMSLDS002E DATA SET NOT FOUND
 DMSLDS003E INVALID OPTION 'option'
 DMSLDS048E INVALID MODE 'mode'
 DMSLDS069E DISK 'mode' NOT ACCESSED
 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[(cuu)]' IS READ/ONLY
 DMSLST048E INVALID MODE 'mode'
 DMSLST066E 'option' and 'option' ARE CONFLICTING OPTIONS
 DMSLST069E DISK {'mode'|'cuu'} NOT ACCESSED
 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' AS THIS AREA IS
 AVAILABLE FOR SYSTEM USE ONLY
 DMSLIO740I EXECUTION BEGINS ...
 DMSLIO907T I/O ERROR ON FILE 'fn ft fm'
 DMSSTT062E INVALID * IN FILEID

LOADLIB

DMSUTL003E INVALID OPTION 'option'
 DMSUTL014E INVALID FUNCTION 'function'
 DMSUTL024E FILE 'fn ft fm' ALREADY EXISTS
 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 FILE FILE 'fn ft fm'

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
 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[(cuu)]' IS READ/ONLY
 DMSLBM046E NO LIBRARY NAME SPECIFIED
 DMSLBM047E NO FUNCTION SPECIFIED
 DMSLBM056E FILE 'fn ft fm' CONTAINS INVALID RECORD FORMATS
 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
 DMSMVE041E INPUT AND OUTPUT FILES ARE THE SAME
 DMSMVE069E OUTPUT DISK 'mode' IS NOT ACCESSED
 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'

DMS

NAMEFIND

DMSNAM003E FILE 'fn ft fm' NOT FOUND
 DMSNAM003E INVALID OPTION 'option'
 DMSNAM029E INVALID PARAMETER 'parm' IN THE OPTION 'option' FIELD
 DMSNAM104S ERROR 'nn' READING 'fn ft fm' FROM 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
 DMSNAM636E UNSUPPORTED TYPE OF NETDATA FILE
 DMSNAM637E MISSING VALUE FOR THE 'option' OPTION
 DMSNAM688E 'XEDIT' OPTION ONLY VALID FROM XEDIT ENVIRONMENT

NAMES

DMSWNM006E NO READ/WRITE DISK ACCESSED
 DMSWNM645W THE USER TAG NAME 'tagname' IS TOO LONG TO DISPLAY IN THE PANEL
 DMSWNM649E EXTRANEIOUS PARAMETER 'value'
 DMSWNM653E ERROR EXECUTING 'GLOBALV'
 DMSWNM656E ERROR SEARCHING YOUR NAME FILE, RC = XX FROM NAMEFIND COMMAND
 DMSWNM657E UNDEFINED PFKEY/PAKEY
 DMSWNM658W THE VALUE FOR THE '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
 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' FILE
 DMSWNT648E USERID 'name' NOT FOUND. CHECK TO 'Userid NAMES' FILE
 DMSWNT651E {'CANCEL'|'ADD'} MUST BE ISSUED FROM NOTE
 DMSWNT653E ERROR EXECUTING 'command'
 DMSWNT665E FILE 'USERID NOTE *' NOT FOUND. TO BEGIN A NEW NOTE ENTER "NOTE NAME"
 DMSQWT666E 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
 DMSWNT676E INVALID CHARACTER '*' FOR NETWORK ID
 DMSWNT677E INVALID OPTION 'option' IN OPTION LINE

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 INSUFFICIENT FREE STORAGE

OPTION

DMSOPT070E INVALID PARAMETER 'parameter'
 DMSOPT099E CMS/DOS ENVIRONMENT NOT ACTIVE

OSRUN

DMSOSR001E NO FILENAME SPECIFIED
 DMSOSR002E FILE &fn' LOADLIB NOT FOUND
 DMSLOS013E MEMBER member name NOT FOUND IN LIBRARY
 DMSOSR052E MORE THAN 100 CHARACTERS OF OPTIONS SPECIFIED
 DMSOSR070E INVALID PARAMETER
 DMSLOS073E UNABLE TO OPEN FILE 'fn'

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'
 DMSWPK653E ERROR EXECUTING 'EXECIO'
 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
 DMSWPK683W THE FILE IS TOO LARGE TO BE REFORMATTED
 DMSWPK684E FILE CONTAINS INVALID RECORDS AND CANNOT BE REFORMATTED
 DMSWPK684W 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

DMSPR002E FILE 'fn ft fm' NOT FOUND
 DMSPR003E INVALID OPTION 'option'
 DMSPR008E DEVICE 'cuu' {INVALID OR NONEXISTENT|UNSUPPORTED DEVICE TYPE}
 DMSPR013E MEMBER 'name' NOT FOUND IN LIBRARY
 DMSPR029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
 DMSPR033E FILE 'fn ft fm' IS NOT A LIBRARY
 DMSPR039E NO ENTRIES IN LIBRARY 'fn ft fm'
 DMSPR044E RECORD LENGTH EXCEEDS ALLOWABLE MAXIMUM
 DMSPR048E INVALID MODE 'mode'
 DMSPR054E INCOMPLETE FILEID SPECIFIED
 DMSPR062E INVALID * IN FILEID
 DMSPR069E DISK 'mode' NOT ACCESSED
 DMSPR070E INVALID PARAMETER 'parameter'
 DMSPR104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
 DMSPR123S 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
 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 (cuu) NOT ATTACHED
 DMSPRV411S INPUT ERROR CODE 'nn' ON 'SYSRES'

PUNCH

DMSPUN002E FILE 'fn' NOT FOUND
 DMSPUN003E INVALID OPTION 'option'
 DMSPUN008E DEVICE 'cuu' {INVALID OR NONEXISTENT|UNSUPPORTED DEVICE TYPE}

DMS

DMS PUN013E MEMBER 'name' NOT FOUND IN LIBRARY
DMS PUN033E FILE 'fn ft fm' IS NOT A LIBRARY
DMS PUN039E NO ENTRIES IN LIBRARY 'fn ft fm'
DMS PUN044E RECORD LENGTH EXCEEDS ALLOWABLE MAXIMUM
DMS PUN054E INCOMPLETE FILEID SPECIFIED
DMS PUN062E INVALID * IN FILEID
DMS PUN069E DISK 'mode' NOT ACCESSED
DMS PUN104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMS PUN118S ERROR PUNCHING FILE 'fn ft fm'
DMS PUN125S ERROR 'nn' PUNCHING FILE 'fn ft fm'

QUERY

DMS QRS006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
DMS QRS026E INVALID PARAMETER 'parameter' FOR 'function' FUNCTION
DMS QRS109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMS QRS639E ERROR IN 'routine' ROUTINE. RETURN CODE WAS 'xx'
DMS QRT109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMS QRT639E ERROR IN 'routine' ROUTINE. RETURN CODE WAS 'xx'
DMS QRU109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMS QRU324I NO USER DEFINED {DLBL|FILEDEF|LABELDEF}'s IN EFFECT
DMS QRU639E ERROR IN 'routine' ROUTINE. RETURN CODE WAS 'xx'
DMS QRV026E INVALID PARAMETER 'parameter' FOR 'function' FUNCTION
DMS QRV109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMS QRV639E ERROR IN 'routine' ROUTINE. RETURN CODE WAS 'xx'
DMS QRW109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMS QRW639E ERROR IN 'routine' ROUTINE. RETURN CODE WAS 'xx'
DMS QRX070E INVALID PARAMETER 'parameter'
DMS QRX099E CMS/DOS ENVIRONMENT {NOT} ACTIVE
DMS QRX109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMS QRX324I NO USER DEFINED DLBLS IN EFFECT
DMS QRX639E ERROR IN 'routine' ROUTINE. RETURN CODE WAS 'xx'
DMS QRY003E INVALID OPTION 'option'
DMS QRY005E NO 'option' SPECIFIED
DMS QRY014E INVALID FUNCTION 'function'
DMS QRY026E INVALID PARAMETER 'parameter' FOR 'function' FUNCTION
DMS QRY047E NO FUNCTION SPECIFIED
DMS QRY065E 'option' OPTION SPECIFIED TWICE
DMS QRY066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMS QRY070E INVALID PARAMETER 'parameter'
DMS QRY109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMS QRY618E NUCEXT FAILED
DMS QRY621E BAD PLIST

RDR

DMS RDR070E INVALID PARAMETER 'parm'
DMS RDR630S ERROR ACCESSING SPOOL FILE

RDRLIST

DMS WRL003E INVALID OPTION 'option'
DMS WRL205E NO FILES IN YOUR READER
DMS WRL637E MISSING VALUE FOR THE 'PROFILE' OPTION
DMS WRL649E EXTRANEIOUS PARAMETER 'parameter'
DMS WRL651E 'APPEND' MUST BE ISSUED FROM RDRLIST OR FILEIST
DMS SST062E INVALID CHARACTER 'char' IN FILEID 'fn ft'

READCARD

DMS RDC008E DEVICE 'ccu' {INVALID OR NONEXISTENT|UNSUPPORTED DEVICE TYPE}
DMS RDC037E DISK 'mode' NOT ACCESSED
DMS RDC042E NO FILEID SPECIFIED
DMS RDC054E INCOMPLETE FILEID SPECIFIED
DMS RDC062E INVALID * IN FILEID
DMS RDC105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMS RDC124S ERROR 'nn' READING CARD FILE
DMS RDC205W READER EMPTY OR NOT READY
DMS RDC701I NULL FILE
DMS RDC702I READ CONTROL CARD IS MISSING. FOLLOWING ASSUMED:
DMS RDC702I :READ {fn ft fm|READCARD CMSUT1 A1}
DMS RDC738I RECORD LENGTH IS 'nnn' BYTES

RECEIVE

DMS WRC003E INVALID OPTION 'option'
DMS WRC006E NO READ/WRITE DISK ACCESSED
DMS WRC024E FILE 'fn ft fm' ALREADY EXISTS, SPECIFY 'REPLACE' OPTION
DMS WRC037E DISK 'mode' NOT ACCESSED. {'A' MUST BE R/W FOR 'DISK LOAD'}

DMSWRC062E INVALID CHARACTER '*' IN FILEID 'fn ft fm'
DMSASN069E DISK 'mode' NOT ACCESSED. {'A' MUST BE R/W FOR 'DISK LOAD'}
DSMWRC630S 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 'nnn'
DMSWRC653E ERROR EXECUTING 'command'
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' FROM 'A' DISK TO 'mode' DISK
DMSWRC687E THIS IS A SYSTEM {HELD|DUMP} FILE. THIS FILE CANNOT BE PEEKED AT
DMSSTT062E INVALID CHARACTER 'character' IN FILEID 'fn ft'

RELEASE

DMSARE017E INVALID DEVICE ADDRESS 'ccu'
DMSARE028E NO DEVICE SPECIFIED
DMSARE048E INVALID MODE 'mode'
DMSARE069E DISK {'mode'|'ccu'} 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
DMSRNM048E INVALID MODE 'mode'
DMSRNM051E INVALID MODE CHANGE
DMSRNM054E INCOMPLETE FILEID ['fn[ft]'] SPECIFIED
DMSRNM062E INVALID * IN OUTPUT FILEID
DMSRNM069E DISK 'mode' NOT ACCESSED

RESERVE

DMSRSV037E [OUTPUT] DISK 'mode [ccu]' IS READ/ONLY. {'A'
MUST BE R/W FOR 'DISK LOAD'}
DMSRSV042E NO FILEID [(S)] SPECIFIED
DMSRSV054E INCOMPLETE FILEID SPECIFIED
DMSRSV069E DISK {'mode'|'ccu'|'valid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}
DMSRSV070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument&eq.}
DMSRSV109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSRSV260E DISK NOT PROPERLY FORMATTED FOR RESERVE
DMSRSV908E FILE SYSTEM ERROR DETECTED. VIRTUAL ADDRESS 'ccu' REASON
CODE 'nn'
DMSRSV909E PERM I/O ERROR ON 'ccu'. CSW ccccccc 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 (ccu) 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 PARAMETER 'parameter'
DMSRUN999E NO [ft] PROCESSOR FOUND

SAVENCP

DMSNCP001E NO FILENAME SPECIFIED
DMSNCP002E [INPUT|OVERLAY] {FILE(S)|DATA SET|NOTE} ['fn [ft [fm]]'] NOT FOUND

DMS

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

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 FILEID 'fn ft fm'
 DMSWSF069E DISK 'mode' NOT ACCESSED
 DMSWSF081E INVALID REPLY - ANSWER "YES" or "NO"
 DMSWSF637E MISSING NODID FOR THE AT OPERAND
 DMSWSF647E USERID NOT SPECIFIED FOR 'nickname' IN 'USERID NAMES' FILE
 DMSWSF648E USERID 'name' NOT FOUND. NO FILES HAVE BEEN SENT
 DMSWSF653E ERROR EXECUTING 'command'
 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

DMSLI0002I 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'
 DMSSET099E CMS/DOS ENVIRONMENT NOT ACTIVE
 DMSSET100W SHARED {S-STAT|Y-STAT} NOT AVAILABLE
 DMSSET142S SAVED SYSTEM NAME 'name' INVALID
 DMSSET333E nnnnnK PARTITION TOO LARGE FOR THIS VIRTUAL MACHINE
 DMSSET40AS SYSTEM 'sysname' DOES NOT EXIST
 DMSSET40.S VM SIZE (size) CANNOT EXCEED 'DMSDOS' START ADDRESS (address)
 DMSSET410S CONTROL PROGRAM ERROR INDICATION 'retcode'
 DMSSET444E VOLUME LABEL IS NOT A DOS SYSRES

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=5555555555
 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
 DMSSRT053E INVALID SORT FIELD PAIR DEFINED
 DMSSRT054E INCOMPLETE FILEID SPECIFIED
 DMSSRT062E INVALID {=*|CHAR.'char'} IN FILEID ['fn ft fm']
 DMSSRT063E NO LIST ENTERED
 DMSSRT069E DISK 'mode' NOT ACCESSED
 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 (cuu) NOT ATTACHED
 DMSSRV194S BOOK 'subl.book' CONTAINS BAD RECORDS
 DMSSRV411S INPUT ERROR CODE 'nn' ON '{SYSRES|SYSSLB}'

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' NOT ACCESSED
 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

DMS

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 'cuu'
 DMSTPE023E NO FILETYPE SPECIFIED
 DMSTPE027E INVALID DEVICE 'device name'
 DMSTPE029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
 DMSTPE037E DISK 'mode' IS READ/ONLY
 DMSTPE042E NO FILEID[(S)] SPECIFIED
 DMSTPE043E 'TAPn (cuu)' 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 (cuu)'
 DMSTPE111S ERROR WRITING 'TAPn (cuu)'
 DMSTPE113S TAPn(cuu) NOT ATTACHED
 DMSTPE115S {CONVERSION|{7|9}-TRACK|{800|6250} BPI|TRANSLATION|DUAL DENSITY}
 FEATURE NOT SUPPORTED ON DEVICE 'cuu'
 DMSTPE431E 'TAPn (cuu)' 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
 DMSWTL653E ERROR EXECUTING 'command'
 DMSWTL675E NO NAMES SPECIFIED
 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'
 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
 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 NOT ACCESSED
 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
 DMSUPD048E INVALID MODE 'mode'
 DMSUPD065E 'option' OPTION SPECIFIED TWICE
 DMSUPD066E 'option' AND 'option' ARE CONFLICTING OPTIONS
 DMSUPD069E DISK 'A' NOT ACCESSED
 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'.....'
 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
 DMSUPD361E DISK 'mode' IS NOT A {CMS|DOS} DISK

XEDIT

DMSALT520E INVALID OPERAND : operand
 DMSALT545E MISSING OPERAND(S)
 DMSCAN520E INVALID OPERAND : operand
 DMSJOI503E {TRUNCATED|SPILLED}.
 DMSJOI526E OPTION 'CURSOR' VALID IN DISPLAY MODE ONLY.
 DMSJOI561E CURSOR IS NOT ON A VALID DATA FIELD.
 DMSJOI564W EOF REACHED
 DMSJOI575E INVALID ARGUMENT OR JOIN COLUMN(S) DEFINED.
 DMSJOI585E NO LINE(S) CHANGED.
 DMSJOI685E JOINED LINE(S) EXCEED ZONE SETTINGS.
 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.

DMS

DMSPSH646E 'macroname' MACRO MUST BE INVOKED FROM THE PREFIX AREA.
 DMSPSH659E INVALID PREFIX SUBCOMMAND: xxxxxx
 DMSPSH661E PREFIX 'name' IS INVALID FOR THE LINE ON WHICH IT WAS ENTERED.
 DMSPSH686E SYNONYM 'name' NOT RECOGNIZED BY PREFIX MACRO 'macroname'.

DMSPSW646E 'macroname' MACRO MUST BE INVOKED FROM THE PREFIX AREA.
 DMSPSW659E INVALID PREFIX SUBCOMMAND: xxxxxx
 DMSPSW661E PREFIX 'name' IS INVALID FOR THE LINE ON WHICH IT WAS ENTERED.

DMSPXX646E 'macroname' MACRO MUST BE INVOKED FROM THE PREFIX AREA.
 DMSPXX659E INVALID PREFIX SUBCOMMAND: xxxxxx
 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 NUMBER
 DMSSCH529E SUBCOMMAND IS ONLY VALID IN DISPLAY MODE.
 DMSSCH545E MISSING OPERAND(S)
 DMSSCH551I {TARGET|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
 DMSSPL526E OPTION 'CURSOR' VALID IN DISPLAY MODE ONLY.
 DMSSPL561E CURSOR IS NOT ON A VALID DATA FIELD.
 DMSSPL575E INVALID SPLIT COLUMNS DEFINED.
 DMSSPL585E NO LINE(S) CHANGED.
 DMSSPL586E NOT FOUND
 DMSSTA024E FILE 'fn XEDIT A' ALREADY EXISTS
 DMSSTA520E INVALID OPERAND : operand
 DMSSTA671E ERROR CREATING FILE 'fn ft fm' RC=xx FROM 'command'
 DMSSTA703I FILE 'fn XEDIT A1' CREATED.
 DMSXBG109S VIRTUAL STORAGE STORAGE EXCEEDED
 DMSXCG498E NOT EXECUTED: THE TWO AREAS TO MERGE OVERLAP EACH OTHER.
 DMSXCG501I nn LINE(S) DELETED
 DMSXCG502I {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
 DMSXCG506I nn LINES COPIED
 DMSXCG506I nn LINES MERGED
 DMSXCG509E 'subcommand' SUBCOMMAND NOT VALID FROM A PREFIX MACRO.
 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 LINES MERGED, nn LINE(S) {TRUNCATED|SPILLED}.
 DMSXCM512E INVALID SUBSET COMMAND
 DMSXCM513E 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 SCREENS (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 FFFILE/SSAVE.
 DMSXCT697E THE LOGICAL SCREENS MUST COVER THE FULL PHYSICAL SCREEN WIDTH.
 DMSXDC497E OPERAND OF SET option EXCEEDS MAXIMUM LENGTH
 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 NOT FOUND.
 DMSXDC547E SYNONYM DEFINITION INCOMPLETE.
 DMSXDC548E INVALID SYNONYM OPERAND : operand
 DMSXDC549E SYNONYM ABBREVIATION TOO LARGE.
 DMSXDC550E TOO MANY OPERANDS IN SYNONYM DEFINITION.
 DMSXDC554E 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
 DMSXED554E NO STORAGE AVAILABLE.
 DMSXED555E FILE 'fn ft fm' ALREADY IN STORAGE.
 DMSXER556S UNDEFINED MESSAGE (DMSXER CALLED AT hex loc)
 DMSXFC557S NO MORE STORAGE TO INSERT LINES.
 DMSXFD554E 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'
 DMSXIN554E 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).
 DMSXMC545E MISSING OPERAND(S)
 DMSXMC575E INVALID VERIFY COLUMNS DEFINED.
 DMSXMC576E {TOTAL VERIFY 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 MODE.
 DMSXMD573I INPUT MODE:
 DMSXMD587I XEDIT:
 DMSXML529E SUBCOMMAND IS ONLY VALID IN DISPLAY MODE.
 DMSXML592W WRAPPED
 DMSXMS009E COLUMN 'nn' EXCEEDS RECORD LENGTH (nn).
 DMSXMS053E INVALID SORT FIELD PAIR DEFINED
 DMSXMS063E NO SORT LIST GIVEN
 DMSXMS493E SORT INVALID IN UPDATE MODE

DMS

DMSXMS554E NO STORAGE AVAILABLE.
 DMSXMS596S THIS MODULE MUST BE CALLED WITHIN THE EDITOR.
 DMSXP0596S THIS MODULE MUST BE CALLED WITHIN THE EDITOR.
 DMSXP0614E 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
 DMSXPT554E NO STORAGE AVAILABLE.
 DMSXPT571I CREATING NEW FILE:
 DMSXPT579E RECORDS TRUNCATED TO nn WHEN ADDED TO 'fn ft fm'.
 DMSXPX659E INVALID PREFIX SUBCOMMAND: xxxxx
 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).
 DMSXSE037E DISK 'mode' IS READ ONLY
 DMSXSE048E INVALID MODE 'mode'
 DMSXSE515E RECFM MUST BE FIV|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.
 DMSXSE554E NO STORAGE AVAILABLE.
 DMSXSE558E 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.
 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' NOT ACCESSED
 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 'updname' 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'
 DMSZAP751I MEMBER FOUND IN LIBRARY 'fn'

CMS INITIALIZATION ROUTINE

DMSINS100W SHARED {S-STAT|Y-STAT} 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 (cuu)' NOT ATTACHED
 DMSCLS140S SEOV/FEOV MACRO NOT SUPPORTED
 DMSCLS429I 'TAPn (cuu)' 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
 DMSBOP043E TAPn IS FILE PROTECTED
 DMSBOP058E END-OF-FILE OR END-OF-TAPE ON 'TAPn'
 DMSBOP069E DISK 'mode' NOT ACCESSED
 DMSBOP086W DLBL 'ddname' DUMMY INVALID FOR VSAM
 DMSBOP088E UNSUPPORTED DTF TYPE 'dtftype'
 DMSBOP089E OPEN ERROR CODE 'nn' ON {fn|SYSxxx|TAPN}
 DMSBOP113S {TAPn|mode (cuu)} NOT ATTACHED
 DMSBOP302E NO SYSxxx OPERAND SPECIFIED
 DMSBOP308E 'mode' DISK IN CMS FORMAT; INVALID FOR NON-CMS DATASET
 DMSBOP401S 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'
 DMSDOS121S 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'|'cuu'|'valid'} NOT ACCESSED.

DMS

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      {'A' MUST BE R/W FOR 'DISK LOAD'}
DMSLDF004E {BOOK 'subl.book'|MODULE 'module'|PHASE 'phase'|
DMSLDF140S PROCEDURE 'procedure'} NOT FOUND
      {'function'|FEOVD|SEOV|FEOV} {MACRO|FUNCTION(S) NOT SUPPORTED
CMS/DOS}
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 MVCOM MACRO ATTEMPTING TO ALTER OTHER THAN POSITION 12-23 OF COMREG
DMSMCM094E FROM ADDRESS ON MVCOM MACRO INVALID
DMSSTX092E STXIT SAVEAREA ADDRESS INVALID
DMSSTX326E ILLEGAL SVC svc (HEX xx) CALLED FROM addr
DMSSUB119S UNSUPPORTED FORM OF {'macro'|'parm'} {MACRO|SVC}

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DUMP/IDUMP/JDUMP/PDUMP ROUTINE

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DMSDMP020W INVALID {PUDUMP|IDUMP} ADDRESS 'address' - NO DUMP OPERATION
PERFORMED

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EXCP ROUTINE

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DMSXCP037E OUTPUT DISK mode (cuu) IS READ/ONLY
DMSXCP043E TAPE (cuu) 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 (cuu)' NOT ATTACHED
DMSXCP161S UNEXPECTED ERROR CODE 'nn' ON 'SYSxxx'
DMSXCP411S {INPUT|OUTPUT} ERROR CODE 'nn' ON 'SYSxxx'

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OS OPEN AND CLOSE ROUTINE

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DMSSOP036E OPEN ERROR CODE 'nn' ON 'ddname'
DMSSOP036W UPDATE REQUESTED FOR READ-ONLY DISK
DMSSOP109S VIRTUAL STORAGE CAPACITY EXCEEDED

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OS I/O ROUTINES

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DMSSEB429I 'TAPn (cuu)' EOT ON OUTPUT

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TAPE LABEL PROCESSING ROUTINES

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DMSTLB027E INVALID DEVICE 'device name'
DMSTLB043E 'TAPn (cuu)' IS FILE PROTECTED
DMSTLB058E END-OF-FILE or END-OF-TAPE [ON TAPn]
DMSTLB110S ERROR READING 'TAPn [(cuu)]'
DMSTLB111S ERROR WRITING 'TAPn (cuu)'
DMSTLB113S 'TAPn (cuu)' NOT ATTACHED
DMSTLB421E 'TAPn (cuu)' HDR1 LABEL MISSING FOR 'filename'
DMSTLB422E 'TAPn (cuu)' POSITIONED WRONG FOR 'filename'
DMSTLB423I 'TAPn (cuu)' POSITION PARAMETER IGNORED. OUTPUT FILE
WILL BE WRITTEN IMMEDIATELY AFTER NEW VOL1 LABEL
DMSTLB424E 'TAPn (cuu)' NOT POSITIONED AT EOF1 LABEL
DMSTLB425R 'TAPn (cuu)' BLOCK COUNT ERROR FOR 'filename'
ENTER 'IGNORE' OR 'CANCEL'
DMSTLB426R 'TAPn (cuu)' UNEXPIRED FILE ENTER 'IGNORE' OR 'ERROR'
DMSTLB427I 'TAPn (cuu)' EOF1 LABEL READ
DMSTLB428I 'TAPn (cuu)' EOF1 LABEL WRITTEN
DMSTLB430E 'TAPn (cuu)' LABELDEF INFORMATION MISSING FOR 'filename'
DMSTLB431E 'TAPn (cuu)' VOL1 LABEL MISSING
DMSTLB432E 'TAPn (cuu)' VOLID volid DOES NOT MATCH LABELDEF VOLID FOR 'filename'
DMSTLB433R ENTER 'WRITE (VOLID)' OR 'REJECT'
DMSTLB434E 'TAPn (cuu)' INPUT LABEL CHECK ERROR FOR FIELD 'fieldname'
FILE 'filename'
DMSTLB435R ENTER 'IGNORE' OR 'CANCEL'
DMSTLB436I 'TAPn (cuu)' MISSING USER STANDARD LABEL FOR 'ddname'
DMSTLB437I 'TAPn (cuu)' NSL ROUTINE RETURNED AN ERROR CODE 'nnnnn' FOR
'filename'

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SAVED SYSTEM ROUTINES

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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'

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VSAMGEN EXEC PROCEDURE

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DMSVGN069E DISK 'A' NOT ACCESSED
DMSVGN360E INVALID RESPONSE 'response'
DMSVGN360I CMS/VSAM TEXT FILES CREATED ON DISK 'A'

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DMSVGN360R ENTER EITHER 'INSTALL' OR 'UPDATE':
 DMSVGN361E DISK 'mode' IS NOT A {CMS|DOS} DISK
 DMSVGN361I CREATING CMS TEXT FILES...
 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
 DMSVGN371R sysname IS LOADED. ENTER CP MODE TO APPLY ZAPS, ELSE 'NULL'
 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)
 DMSVDP113S TAP1 (181) NOT ATTACHED
 DMSVDP367I 'modulename TEXT' WRITTEN ON DISK 'A'
 DMSVDP368I count NEW PTF DECKS WILL BE APPLIED
 DMSVDP383R 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

DMS

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

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

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DMKAC0425A PUN cuu ACCOUNTING DATA; FATAL I/O ERROR
DMKAC0425E I/O ERROR ON SPOOL DEVICE DURING ACCOUNTING

DMKACR149E DEVICE PATH raddr PROC addr PRESENTED cc3 ON I/O REQUEST
DMKACR603W CHANNEL ERROR
DMKACR622W MACHINE CHECK; MULTIPLE CHANNEL ERRORS

DMKALG059E AUTOLOG FAILED FOR userid-{IPL MISSING|IPL FAILED|ACCOUNTING ERROR}
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 'addr' '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'

DMKCCH601I CHANNEL 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

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DMK

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

DMKCF001E ?CP: command

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

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

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.

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 addr]
 DMKCF0186E CP ASSIST NOT AVAILABLE
 DMKCF0188E SPECIFIED PROCESSOR UNAVAILABLE
 DMKCF0250E 370E IS NOT AVAILABLE (ON PROC xx)
 DMKCF0255W 370E FEATURE NOW DISABLED

DMKCFP046E {DEV rid|type raddr} OFFLINE
 DMKCFP164E HEXLOC hexloc NON-ADDRESSABLE STORAGE
 DMKCFP179E SYSTEM name VOLID volid NOT CP OWNED
 DMKCFP435E PAGING ERROR WRITING SAVED SYSTEM
 DMKCFP546I INTERRUPTION {CLEARED|PENDING} {DEVICE|CONTROL UNIT} cuu CSW csw

USERID id

DMKCFQ546I INTERRUPTION {CLEARED|PENDING} {DEVICE|CONTROL UNIT} cuu CSW csw
USERID id

DMKCF5003E INVALID OPTION - option
DMKCF5006E INVALID DEVICE TYPE - addr
DMKCF5026E OPERAND MISSING OR INVALID
DMKCF5044E SYSTEM name DOES NOT EXIST
DMKCF5080E NO PREALLOCATED VMSAVE AREA
DMKCF5081W VMSAVE AREA ALREADY IN USE, MUST USE SET COMMAND
DMKCF5082E MORE THAN ONE VMSAVE AREA ALLOCATED, MUST SPECIFY AREA NAME
DMKCF5086E I/O ERROR ON DASD
DMKCF5170E SYSTEM name EXCEEDS STORAGE
DMKCF5171E SYSTEM name VOLID valid NOT MOUNTED
DMKCF5175E {FAVORED|RESERVE|NETWORK TRACE|name} ALREADY IN USE BY userid
DMKCF5179E SYSTEM name VOLID valid NOT CP OWNED
DMKCF5183E VM ASSIST NOT ACTIVE
DMKCF5184E VM ASSIST NOT AVAILABLE
DMKCF5187E TIMER ASSIST NOT AVAILABLE
DMKCF5250E 370E IS NOT AVAILABLE (ON PROC xx)
DMKCF5251E 370E IS NOT ACTIVE

DMKCF002E INVALID OPERAND - operand
DMKCF006E INVALID DEVICE TYPE - addr
DMKCF026E 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 rid|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 AUTO DUMP REALLOCATED TO DASD raddr
DMKCFU953I UNABLE TO ALLOCATE SYSTEM AUTO DUMP

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

DMKCKP536I cuu '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 'valid' 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

DMK

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 'valid' ALLOCATION ERROR
 {CYLINDER='cylinder'|PAGE='page'}
 DMKCKT912W SYSTEM RECOVERY FAILURE; VOLID 'valid' 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='nnnnn'}]
 DMKCNS501A type 'addr' 'devname' INT REQ [CMD='cm' SNS='sense' CSW='csw'
 USERID='userid' {BBCCHH='bbcchh'|BLOCK='nnnnn'}]
 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='nnnnn'}]
 DMKCNS503I type 'addr' 'devname' EQUIP CK CMD='cm' SNS='sense' CSW='csw'
 USERID='userid' [{BBCCHH='bbcchh'|BLOCK='nnnnn'}]
 DMKCNS504I type 'addr' 'devname' DATA CK CMD='cm' SNS='sense' CSW='csw'
 USERID='userid' [{BBCCHH='bbcchh'|BLOCK='nnnnn'}]
 DMKCNS505I type 'addr' 'devname' OVERRUN CK CMD='cm' SNS='sense' CSW='csw'
 USERID='userid' [{BBCCHH='bbcchh'|BLOCK='nnnnn'}]
 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

DMKCP1131E INSUFFICIENT FREE STORAGE AVAILABLE FOR {ATTACH|LOGON} REQUEST
 DMKCP1185E CP ASSIST LEVEL xx NOT SUPPORTED - CP ASSIST DISABLED
 DMKCP1913I CP OWNED VOLID xxxxxx INVALID FOR 3330V
 DMKCP1914I TRACE TABLE IS SMALLER THAN REQUESTED
 DMKCP1923I FAILING STORAGE FRAME AT LOCATION raddr
 DMKCP1924I xxxx ADDITIONAL FAILING STORAGE FRAMES EXIST
 DMKCP1950A OPERATOR NOT LOGGED ON; EXPLICIT LOGON REQUIRED
 DMKCP1951I CP VOLID valid NOT MOUNTED
 DMKCP1952I nnnnK SYSTEM STORAGE
 DMKCP1953I UNABLE TO ALLOCATE SYSTEM AUTO DUMP
 DMKCP1954E DASD raddr VOLID valid NOT MOUNTED; DUPLICATE OF DASD raddr
 DMKCP1955W INSUFFICIENT STORAGE FOR VM/SP
 DMKCP1957I STOR sssssK, NUC nnnK, DYN ddddK, TRA tttK, FREE ffffK, V=R vvvvvK
 DMKCP1958I ATTACHED PROCESSOR NOT OPERATIONAL
 DMKCP1959W ATTACHED PROCESSOR NOT ONLINE
 DMKCP1961W SYSTEM SHUTDOWN COMPLETE
 DMKCP1962I CP OWNED DASD cuu VOLID valid INVALID ALLOCATION RECORD
 DMKCP1963I SECOND PROCESSOR NOT ONLINE
 DMKCP1964I PROC xx INITIALIZED; PROC yy INITIALIZED
 DMKCP1968I NO WARMSTART, PREVIOUS DATA STILL VALID
 DMKCP1971I SYSTEM IS [UP|AP|MP] GENERATED

DMKCPJ229I USE OF MONITOR DOES NOT EXIST
 DMKCPJ966I INITIALIZATION COMPLETE
 DMKCPJ967I DISCONNECT userid - SYSTEM RESTARTED (mmmmnn) AND SYSTEM CONSOLE
 NOT VM OPERATOR CONSOLE

DMKCP0049E type raddr IN USE
 DMKCP0124E DASD raddr IN USE BY nnn USERS
 DMKCP0140E type raddr ATTACHED TO userid
 DMKCP0142E type raddr NOT DRAINED
 DMKCP0143E type raddr IN USE BY SYSTEM
 DMKCP0143E type raddr IN USE BY SYSTEM
 DMKCP0198W LAST PATH TO DEVICE raddr ON PROCESSOR nn

 DMKCPP623I CHANNEL SET CONNECTED TO PROCESSOR nn

 DMKCP5144W type vaddr RESET BY userid

 DMKCP003E INVALID OPTION - option
 DMKCP021E RADDR MISSING OR INVALID
 DMKCP026E OPERAND MISSING OR INVALID
 DMKCP040E DEV addr DOES NOT EXIST
 DMKCP046E {DEV rid|type raddr} OFFLINE
 DMKCP049E LINE addr IN USE
 DMKCP123E DASD raddr CP OWNED
 DMKCP124E DASD raddr IN USE BY nnn USERS
 DMKCP136E DEVICE {vaddr|raddr} NOT {DEFINED|VARIED}; CHANNEL XX DEDICATED
 DMKCP140E type raddr ATTACHED TO userid
 DMKCP142E type raddr NOT DRAINED
 DMKCP143E type raddr IN USE BY SYSTEM
 DMKCP154E DEV raddr VARY FAILED, VARY IN PROCESS
 DMKCP192E VARY PROCESSOR COMMAND FAILED
 DMKCP601E CHANNEL CONTROL CHECK DEV xxx; USER 'userid'
 DMKCP602E INTERFACE CONTROL CHECK DEV xxx; USER 'userid'

 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
 DMKCPV006E INVALID DEVICE TYPE - addr
 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 raddr
 DMKCPV924I xxxxx ADDITIONAL FAILING STORAGE FRAMES EXIST

 DMKCCQG020E USERID MISSING OR INVALID
 DMKCCQG022E VADDR MISSING OR INVALID
 DMKCCQG027E SPOOLID MISSING OR INVALID
 DMKCCQG028E CLASS MISSING OR INVALID
 DMKCCQG040E DEV addr DOES NOT EXIST
 DMKCCQG042E SPOOLID nnnn DOES NOT EXIST
 DMKCCQG045E userid NOT LOGGED ON

 DMKCCQH013E CONFLICTING OPTION - option
 DMKCCQH024E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID

 DMKCCQP003E INVALID OPTION - option
 DMKCCQP023E VOLID MISSING OR INVALID
 DMKCCQP040E DEV addr DOES NOT EXIST
 DMKCCQP466I CTRL cuu IN BUFFER SLOWDOWN MODE

DMK

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DMKCQQ006E  INVALID DEVICE TYPE - addr
DMKCQQ021E  RADDR MISSING OR INVALID
DMKCQQ022E  VADDR MISSING OR INVALID
DMKCQQ023E  VOLID MISSING OR INVALID
DMKCQQ040E  DEV addr 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

DMKCQS002E  INVALID OPERAND - operand
DMKCQS003E  INVALID OPTION - option

DMKCQY020E  USERID MISSING OR INVALID
DMKCQY026E  OPERAND MISSING OR INVALID
DMKCQY045E  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

DMKCS0003E  INVALID OPTION - option
DMKCS0006E  INVALID DEVICE TYPE - addr
DMKCS0013E  CONFLICTING OPTION - option
DMKCS0021E  RADDR MISSING OR INVALID
DMKCS0024E  {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKCS0028E  CLASS MISSING OR INVALID
DMKCS0030E  COPIES MISSING OR INVALID
DMKCS0040E  DEV addr DOES NOT EXIST
DMKCS0046E  {DEV rid|type raddr} OFFLINE
DMKCS0140E  type raddr ATTACHED TO userid
DMKCS0141E  type raddr NOT ACTIVE
DMKCS0243E  FLASH MISSING OR INVALID
DMKCS0244E  IMAGE LIBRARY MISSING OR INVALID
DMKCS0245E  CHARS MISSING OR INVALID
DMKCS0246E  FCB MISSING OR INVALID
DMKCS0441E  NOT ACCEPTED. PREVIOUS BACKSPACE STILL BEING PROCESSED

DMKCSP007E  INVALID USERID - userid
DMKCSP020E  USERID MISSING OR INVALID
DMKCSP024E  {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKCSP026E  OPERAND MISSING OR INVALID
DMKCSP028E  CLASS MISSING OR INVALID
DMKCSP030E  COPIES MISSING OR INVALID
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

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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

DMKCSU007E INVALID USERID - userid
DMKCSU013E CONFLICTING OPTION - option
DMKCSU020E USERID MISSING OR INVALID
DMKCSU024E {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKCSU029E FNAME FTYPE MISSING OR INVALID
DMKCSU030E COPIES MISSING OR INVALID
DMKCSU032E DIST CODE MISSING OR INVALID
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 nnnn DOES NOT EXIST

DMKDAD500I type 'addr' 'devname' CMD REJECT CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [{BCCCHH='bbcchh'|BLOCK='nnnnnn'}]
DMKDAD501A type 'addr' 'devname' INT REQ [CMD='cm' SNS='sense' CSW='csw'
USERID='userid' {BCCCHH='bbcchh'|BLOCK='nnnnnn'}]
DMKDAD502I type 'addr' 'devname' BUSOUT CK CMD='CM' SNS='SENSE' CSW='csw'
USERID='userid' [{BCCCHH='bbcchh'|BLOCK='nnnnnn'}]
DMKDAD503I type 'addr' 'devname' EQUIP CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [{BCCCHH='bbcchh'|BLOCK='nnnnnn'}]
DMKDAD504I type 'addr' 'devname' DATA CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [{BCCCHH='bbcchh'|BLOCK='nnnnnn'}]
DMKDAD505I type 'addr' 'devname' OVERRUN CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [{BCCCHH='bbcchh'|BLOCK='nnnnnn'}]
DMKDAD506I DASD 'addr' 'devname' TRKCOND CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid' BCCCHH='bbcchh'
DMKDAD508I {DASD|RDR|PRT|PUN} 'addr' 'devname' PERM ERROR CMD='cm' SNS='sense'
CSW='csw' USERID='userid' [BCCCHH='bbcchh']
DMKDAD513I {DASD|TAPE} 'addr' 'devname' FILE PROT CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [{BCCCHH='bbcchh'|BLOCK='nnnnnn'}]
DMKDAD516I type 'addr' 'devname' BAD SENSE CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [{BCCCHH='bbcchh'|BLOCK='nnnnnn'}]
DMKDAD517I {LINE|TAPE} 'addr' 'devname' NOT/KNOWN CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKDAD518I {DASD|TAPE} 'addr' 'devname' RECV ERROR CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BCCCHH='bbcchh'|BLOCK='nnnnnn']
DMKDAD520I type 'addr' 'devname' CHAN ERROR CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BCCCHH='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 DASD cuu VOLID volid NOT MOUNTED; NOW OFFLINE

DMKDAS500I type 'addr' 'devname' CMD REJECT CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [{BCCCHH='bbcchh'|BLOCK='nnnnnn'}]
DMKDAS501A type 'addr' 'devname' INT REQ [CMD='cm' SNS='sense' CSW='csw'
USERID='userid' {BCCCHH='bbcchh'|BLOCK='nnnnnn'}]
DMKDAS502I type 'addr' 'devname' BUSOUT CK CMD='CM' SNS='SENSE' CSW='csw'

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DMKDAS503I  USERID='userid' [(BBCCHH='bbcchh'|BLOCK='nnnnnn')]
              type 'addr' 'devname' EQUIP CK CMD='cm' SNS='sense' CSW='csw'
DMKDAS504D  USERID='userid' [(BBCCHH='bbcchh'|BLOCK='nnnnnn')]
              {DASD|TAPE} 'addr' 'devname' DATA CK CMD='cm' SNS='sense' CSW='csw'
              USERID='userid' [BBCCHH='bbcchh']
DMKDAS504I  type 'addr' 'devname' DATA CK CMD='cm' SNS='sense' CSW='csw'
              USERID='userid' [(BBCCHH='bbcchh'|BLOCK='nnnnnn')]
DMKDAS505D  {DASD|TAPE} 'addr' 'devname' OVERRUN 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')]
DMKDAS506I  DASD 'addr' 'devname' TRKCOND CK CMD='cm' SNS='sense' CSW='csw'
              USERID='userid' BBCCHH='bbcchh'
DMKDAS507D  DASD 'addr' 'devname' SEEK CK CMD='cm' SNS='sense' CSW='csw'
              USERID='userid' BBCCHH='bbcchh'
DMKDAS508I  {DASD|RDR|PRT|PUN} 'addr' 'devname' PERM ERROR CMD='cm' SNS='sense'
              CSW='csw' USERID='userid' [BBCCHH='bbcchh']
DMKDAS509I  DASD 'addr' 'devname' TRKOVERUN CMD='cm' SNS='sense' CSW='csw'
              USERID='userid' BBCCHH='bbcchh'
DMKDAS513I  {DASD|TAPE} 'addr' 'devname' FILE PROT CMD='cm' SNS='sense' CSW='csw'
              USERID='userid' [(BBCCHH='bbcchh'|BLOCK='nnnnnn')]
DMKDAS514D  DASD 'addr' 'devname' ADDMRK CK CMD='cm' SNS='sense' CSW='csw'
              USERID='userid' BBCCHH='bbcchh'
DMKDAS516I  type 'addr' 'devname' BAD SENSE CMD='cm' SNS='sense' CSW='csw'
              USERID='userid' [(BBCCHH='bbcchh'|BLOCK='nnnnnn')]
DMKDAS517E  DASD 'addr' 'devname' NOT/KNOWN CMD='cm' SNS='sense' CSW='csw'
              USERID='userid' [(BBCCHH='bbcchh'|BLOCK='nnnnnn')]
DMKDAS518I  {DASD|TAPE} 'addr' 'devname' RECV ERROR CMD='cm' SNS='sense' CSW='csw'
              USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']
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  DASD cuu VOLID valid NOT MOUNTED; NOW OFFLINE

DMKDAU533I  DASD 'addr' 'devname' CHECK DATA CMD='cm' SNS='sense' CSW='csw'
              USERID='userid' BLOCK='nnnnnn'
DMKDAU534I  DASD 'addr' 'devname' USERID='userid' BKSIZ EX CMD=&q1/cm' SNS='sense'
              CSW='csw' USERID='userid' BLOCK='nnnnnn'
DMKDAU535I  DASD 'addr' 'devname' WRT INHIUSERID='userid' BT CMS='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  cuu 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc; NOTIFY CE
DMKDDR700E  INPUT UNIT IS NOT A CPVOL
DMKDDR701E  INVALID OPERAND - operand
DMKDDR702E  CONTROL STATEMENT SEQUENCE ERROR
DMKDDR703E  OPERAND MISSING
DMKDDR704E  DEV cuu NOT OPERATIONAL
DMKDDR705E  IO ERROR cuu CSW='csw' SENSE='sense' INPUT={'bbcchh'|'nnnnnn'}
              OUTPUT='bbcchh' CCW='ccw'
DMKDDR707E  MACHINE CHECK
DMKDDR708E  INVALID INPUT OR OUTPUT DEFINITION
DMKDDR709E  WRONG INPUT TAPE MOUNTED
DMKDDR710A  DEV cuu INTERVENTION REQUIRED
DMKDDR711R  VOLID READ IS valid2 [NOT valid1] 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 valid1 TO BE RESTORED TO valid2. 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
DMKDDR721E  RECORD cchhr 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

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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
 DMKDDR729I FULL TRACK READ FEATURE NOT AVAILABLE
 DMKDDR756E PROGRAM CHECK PSW = psw

DMKDEF003E INVALID OPTION - option
 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
 DMKDEF136E DEVICE {vaddr|raddr} NOT {DEFINED|VARIED}; CHANNEL XX DEDICATED
 DMKDEF153E DEVICE {vaddr|RNG} EXCEEDED MAX NUMBER OF VIRTUAL DEVICES
 DMKDEF258I ALL 3800 DATA CHECKS WILL BE REFLECTED
 DMKDEF259E SIZE PARAMETERS MISSING OR INVALID

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 SYSVIRT
 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
 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

DMKDID546I INTERRUPTION {CLEARED|PENDING} {DEVICE|CONTROL UNIT} cuu CSW csw
 USERID id

DMKDIR536I cuu '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 cuu NOT OPERATIONAL
 DMKDIR755E IO ERROR cuu CSW='csw' SENSE='sense'
 DMKDIR756E PROGRAM CHECK PSW = psw
 DMKDIR757E MACHINE CHECK
 DMKDIR758E DUPLICATE UNIT DEFINITION
 DMKDIR760E NOT ENOUGH SPACE ALLOCATED FOR DIRECTORY

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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 cuu '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 cuu VOLID valid NOT MOUNTED; NOW OFFLINE

DMKDSP450W CP ENTERED; DISABLED WAIT PSW 'psw'
DMKDSP452W CP ENTERED; EXTERNAL INTERRUPT LOOP

DMKFMT536I cuu 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc; NOTIFY CE
DMKFMT730E DEV cuu 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 cuu {CCHHR=cchhr|BLOCK=nnnnnn} SENSE='sense'
DMKFMT737E INVALID OPERAND
DMKFMT738A DEV cuu 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 cuu IS zzzz NOT xxxx-nn AS SPECIFIED. RESPECIFY OR
DMKFMT741E 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 CPREP

DMKIOG551E ERROR RECORDING AREA FULL; RUN CPREP.
DMKIOG552I FORMATTING ERROR RECORDING AREA
DMKIOG553I ERROR RECORDING AREA CLEARED; USER 'userid'
DMKIOG558I UNRECOVERABLE I/O ERROR; ERROR RECORDING DISABLED

DMKIOH559W SRF cuu NOT ACCESSIBLE; FRAMES NOT ON ERROR CYLINDERS
DMKIOH560W ERRORS ON SRF cuu: FRAMES NOT ON ERROR CYLINDERS
DMKIOH561W MORE THAN 50 MCH OR CCH FRAMES WERE READ FROM SRF cuu

DMKJRL145I USERID:userid AT term-raddr WITH INVALID {LINK|LOGON} PASSWORD NO.xxx
(pswd) HAS VIOLATED THE LIMIT OF yyy [,A=userid]

DMKLD0923I FAILING STORAGE FRAME AT LOCATION raddr
DMKLD0924I xxxx ADDITIONAL FAILING STORAGE FRAMES EXIST

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 {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
 DMKLNK139E DASD raddr NOT {LINKED|ATTACHED}; 3330V NOT ACCEPTED AS SYSTEM VOLUME
 DMKLNK153E DEVICE {vaddr|RNG} EXCEEDED MAX NUMBER OF VIRTUAL DEVICES
 DMKLNK199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE

 DMKLOG003E INVALID OPTION - option
 DMKLOG020E USERID MISSING OR INVALID
 DMKLOG050E PASSWORD INCORRECT. REINITIATE LOGON PROCEDURE
 DMKLOG052E ERROR IN CP DIRECTORY
 DMKLOG053E userid NOT IN CP DIRECTORY
 DMKLOG054E ALREADY LOGGED ON {LINE|GRAF|LUNAME} raddr
 DMKLOG067E COMMAND FORMAT NOT VALID
 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
 DMKLOG188E SPECIFIED PROCESSOR UNAVAILABLE
 DMKLOG189E AFFINITY NOT SET; SYSTEM IN UNIPROCESSOR MODE
 DMKLOG250E 370E IS NOT AVAILABLE (ON PROC xx)
 DMKLOG251E 370E IS NOT ACTIVE

 DMKLOH196E SECONDARY USER NOT IN CP DIRECTORY
 DMKLOH206E CANNOT CONNECT TO HOST VIRTUAL MACHINE

 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
 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

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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

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

DMKMCI003E INVALID OPTION - option
 DMKMCI026E OPERAND MISSING OR INVALID
 DMKMCI618I {INSTRUCTION RETRY|MAIN STORAGE} NOW IN {RECORD|QUIET} MODE cpuid

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

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 TOO LONG|SMSG OFF|NOT
 DISC|NO CONSOLE|NOT AUTHORIZED|WNG OFF}

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 [PRT rid|type raddr] NOT ATTACHED; userid vaddr ALREADY DEFINED
 DMKNEA121E [PRT rid|type raddr] NOT ATTACHED TO userid
 DMKNEA122E [PRT rid|type raddr] ALREADY ATTACHED TO userid
 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
 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 - 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 valid 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

DMKPEL013E CONFLICTING OPTION - {option|option1 AND option2}
 DMKPEL013W CONFLICTING OPTION- {NORUN CONFLICTS WITH PRINTER|PRINTER CONFLICTS

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

DMKPEL047E {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 PAGEING 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

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 cuu COMMUNICATIONS SCANNER FAILURE

DMKRSE240E PRT cuu, FCB-FORMS MISMATCH, FILEID nnnn {HELD|PURGED}

DMKRSE241E PRT cuu, INVALID LOAD MODULE mmmm SPECIFIED, FILE nnnn {HELD|PURGED}

DMKRSE242E PRT cuu (3800) INTERVENTION RECQD, STATUS CODE cc

DMKRSE252I PRT cuu, FILE nnnn REQUEUED AND HELD

DMKRSE255I PRT cuu, PAGE BUFFER DESTROYED, BACKUP PAGE COUNT = nnnn

DMKRSE500I type 'addr' 'devname' CMD REJECT CMD='cm' SNS='sense' CSW='csw'

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DMKRSE501A USERID='userid' [{BCCCHH='bbcchh'|BLOCK='nnnnnn'}]
type 'addr' 'devname' INT REQ [CMD='cm' SNS='sense' CSW='csw'
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' [{BCCCHH='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' [{BCCCHH='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' [{BCCCHH='bbcchh'|BLOCK='nnnnnn'}]
DMKRSE505A RDR 'addr' 'devname' OVERRUN CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKRSE508I {DASD|RDR|PRT|PUN} 'addr' 'devname' PERRM ERROR CMD='cm' SNS='sense'
CSW='csw' USERID='userid' [BCCCHH='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' [{BCCCHH='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 cuu 'devname' MAINT REQ CMD='cm' SNS='sense' CSW='csw'
USERID='userid'

DMKRSP239I PRT cuu DRAINED. POSSIBLE FCB-FORMS MISMATCH
DMKRSP426E {RDR|TAPE} raddr SPOOL SPACE FULL; FILE PURGED
DMKRSP428E {PRT|PUN|RDR|TAPE} raddr SPOOL ERROR; FILE {HELD|PURGED}
DMKRSP431A RDR raddr ID CARD MISSING OR INVALID
DMKRSP432A RDR raddr ID CARD; 'userid' NOT IN CP DIRECTORY
DMKRSP433A RDR raddr ID CARD; INVALID DATA - 'data'
DMKRSP434A RDR raddr FATAL I/O ERROR; FILE PURGED

DMKSAV350W DASD raddr SYSRES VOLID NOT aaaaaa
DMKSAV351W DASD raddr SYSRES NOT READY
DMKSAV352W FATAL DASD I/O ERROR
DMKSAV353W SYSRES DEVICE TYPE INVALID
DMKSAV536I cuu '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
DMKSPM805E SINGLE PROCESSOR MODE OFF 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

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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 cuu 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc; NOTIFY CE

DMKSSS070E DEVICE NOT AVAILABLE - MSS DEVICES ALLOCATED
DMKSSS071E DEVICE NOT AVAILABLE - MSS CANNOT BE ACCESSED
DMKSSS072E DEVICE NOT AVAILABLE - 'raddr' NOT PROPER TYPE
DMKSSS074E MISSING INTERRUPT - DEVICE 'raddr'
DMKSSS075E DEVICE 'raddr' IS NOT AVAILABLE
DMKSSS078I MSS MOUNT PROCEEDING FOR VOLUME 'valid'

DMKTAP500I type 'addr' 'devname' CMD REJECT CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [{BCCCHH='bbcchh'|BLOCK='nnnnnn'}]
DMKTAP501A type 'addr' 'devname' INT REQ [CMD='cm' SNS='sense' CSW='csw'
USERID='userid' {BCCCHH='bbcchh'|BLOCK='nnnnnn'}]
DMKTAP502I type 'addr' 'devname' BUSOUT CK CMD='cm' SNS='SENSE' CSW='csw'
USERID='userid' [{BCCCHH='bbcchh'|BLOCK='nnnnnn'}]
DMKTAP503I type 'addr' 'devname' EQUIP CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [{BCCCHH='bbcchh'|BLOCK='nnnnnn'}]
DMKTAP504D {DASD|TAPE} 'addr' 'devname' DATA CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BCCCHH='bbcchh']
DMKTAP505D {DASD|TAPE} 'addr' 'devname' OVERRUN CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [{BCCCHH='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' [{BCCCHH='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' [BCCCHH='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' [{BCCCHH='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='cm' SNS='sense' CSW='csw'
USERID='userid'

DMKTCS240E PRT cuu, FCB-FORMS MISMATCH, FILEID nnnn {HELD|PURGED}
DMKTCS241E PRT cuu, INVALID LOAD MODULE mmmm SPECIFIED, FILE nnnn {HELD|PURGED}

DMKTCT270E PRT xxx, 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

DMKTTR042E SPOOLID nnnn DOES NOT EXIST [OR IS HELD]

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DMKTTY152E {PFCOPY|PFTAB} NOT AVAILABLE

DMKTRP002E INVALID OPERAND - operand
 DMKTRP005E INVALID HEXDATA - hexdata
 DMKTRP013E CONFLICTING OPTION - {option|option1 AND option2}
 DMKTRP020E USERID MISSING OR INVALID
 DMKTRP026E OPERAND MISSING OR INVALID
 DMKTRP045E userid NOT LOGGED ON
 DMKTRP304I CPTRAP IS STOPPING, NO INPUT ALLOWED
 DMKTRP305I (CPTRAP/TRAPRED) 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 nnn DOES NOT EXIST [OR IS HELD]
 DMKTRR301E REQUESTED FILE IS NOT A CPTRAP FILE
 DMKTRR302E I/O ERROR ON 00C - XXXXXXXX
 DMKTRR303E 00C READER FILE NOT LOCATABLE
 DMKTRR305I (CPTRAP/TRAPRED) SELECTIVITY RESET
 DMKTRR764E ERROR IN routine

DMKTRT307I CPTRAP (CP/VIRTUAL) cccc INTERFACE IGNORED
 DMKTRT308I CPTRAP DATA LOST

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

DMKVDA039E PROCESSOR ADDRESS MISSING OR INVALID
 DMKVDA076E THE 'valid' PARAMETER IS INVALID
 DMKVDA077E INVALID REQUEST FOR DEVICE 'nnn'
 DMKVDA135E TYPE vaddr NOT DETACHED; CHAN x DEDICATED
 DMKVDA140E type raddr 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 {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
 DMKVDE020E USERID MISSING OR INVALID
 DMKVDE021E RADDR MISSING OR INVALID raddr
 DMKVDE022E VADDR MISSING OR INVALID vaddr

DMK

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 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 vaddr 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
 DMKVDE199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
 DMKVDE962I CP OWNED DASD cuu VOLID valid INVALID ALLOCATION RECORD

 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

 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}

 DMKWARM904W SYSTEM RECOVERY FAILURE; INVALID WARM START DATA
 DMKWARM912W SYSTEM RECOVERY FAILURE; VOLID 'valid' NOT MOUNTED
 DMKWARM920I NO WARM START DATA; CKPT START FOR RETRY
 DMKWARM921W SYSTEM RECOVERY FAILURE; UNRECOVERABLE I/O ERROR

 DMKWARN400I SYSTEM {TEMP SPACE|CHECKPOINT AREA} FULL
 DMKWARN915E PERMANENT I/O ERROR ON CHECKPOINT AREA
 DMKWARN919E 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 'cuu'
DMSACC048E INVALID MODE 'mode'
DMSACC059E 'cuu' ALREADY ACCESSED AS READ/WRITE 'mode' DISK
DMSACC060E FILE(S) 'fn [ft [fm]]' NOT FOUND. DISK 'mode(cuu)' WILL NOT BE ACCESSED
DMSACC109S VIRTUAL STORAGE CAPACITY EXCEEDED
DMSACC112S DISK 'mode (cuu)' DEVICE ERROR
DMSACC113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (cuu)
NOT ATTACHED
DMSACC230W OS DISK - FILEID AND/OR OPTIONS SPECIFIED ARE IGNORED
DMSACC240S ERROR LOADING READ OS ROUTINE 'DMSROS TEXT'
DMSACC723I mode (cuu) {R/O|R/W} [-OS|-DOS]
DMSACC724I cuu REPLACES mode (ccu)
DMSACC725I cuu ALSO = 'mode' [-OS|-DOS] DISK
DMSACC726I 'cuu 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
DMSACC113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (cuu)
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 'cuu'
DMSARE028E NO {DEVICE|LOGICAL UNIT} SPECIFIED
DMSARE048E INVALID MODE 'mode'
DMSARE069E DISK {'mode'|'cuu'|'valid'} NOT ACCESSED
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}

DMS

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'|'cuu'|'volid'} NOT ACCESSED
 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 [cuu]' IS READ/ONLY
 DMSBOP043E 'TAPn(cuu)' IS FILE PROTECTED
 DMSBOP058E END-OF-FILE OR END-OF-TAPE [ON 'TAPn']
 DMSBOP069E DISK {'mode'|'cuu'|'volid'} NOT ACCESSED
 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 {(cuu)}' IS FULL
 DMSBWR109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSBWR170S DISK 'mode (cuu)' 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 PAHSE &q.IKQVCHK&eq. NOT FOUND
 DMSCCK807S ERROR ENCOUNTERED ISSUING ASSGN FOR CATALOG

DMSCIO113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (cuu)
 NOT ATTACHED

DMSCIO145S INTERVENTION REQUIRED ON {PRINTER|PUNCH}

DMSCIT171T PERMANENT CONSOLE ERROR, RE-IPL CMS

DMSCLS043E 'TAPn(cuu)' IS FILE PROTECTED
 DMSCLS058E END-OF-FILE OR END-OF-TAPE [ON 'TAPn']

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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} (cuu)
NOT ATTACHED
DMSCLS140S {'function'|FEOVD|SEOV|FEOV}{MACRO|FUNCTION(S)} MACRO NOT SUPPORTED
DMSCLS429I 'TAPn (cuu)' 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'|'cuu'|'valid'} NOT ACCESSED
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 DOGEN 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 [cuu]' IS READ/ONLY
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'|'cuu'|'valid'} NOT ACCESSED
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} (cuu)
NOT ATTACHED
DMSDBG728I DEBUG ENTERED [EXTERNAL INT|BREAKPOINT nn AT xxxxxx]

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DMS

DMSDDL003E INVALID OPTION 'option'
 DMSDDL006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
 DMSDDL024E FILE 'fn ft fm' ALREADY EXIST [-- SPECIFY 'REPLACE'] [option]
 DMSDDL070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
 DMSDDL078E INVALID CARD IN READER {DECK|FILE 'cardimage'}
 DMSDDL545E MISSING OPERAND(S)
 DMSDDL636E UNSUPPORTED TYPE OF NETDATA FILE
 DMSDDL636W RECEIVED NULL FILE -- NO FILE CREATED
 DMSDDL637E MISSING {VALUE|'value'} FOR THE {'option' OPTION|'operand' OPERAND}
 DMSDDL638E fn ft fm TOO WIDE TO APPEND TO 'fn ft fm'
 DMSDDL639E ERROR IN 'routine' ROUTINE. RETURN CODE WAS 'xx'
 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'|'cuu'|'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|IDUMP} ADDRESS 'address' - NO DUMP OPERATION PERFORMED
 DMSDMP146I IDUMP FOR identifier CALLED FROM 'addr'
 DMSDMP325W IDUMP FOR jobname TERMINATED DUE TO ERROR ON '00E'

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
 DMSDOS787E ERROR DECOMPRESSING macro MACRO

DMSDSK002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
 DMSDSK009E COLUMN 'col' EXCEEDS RECORD LENGTH
 DMSDSK014E INVALID KEYWORD 'function'
 DMSDSK037E [OUTPUT] DISK 'mode [cuu]' IS READ/ONLY
 DMSDSK047E NO FUNCTION SPECIFIED
 DMSDSK048E INVALID MODE 'mode'
 DMSDSK054E INCOMPLETE FILEID SPECIFIED
 DMSDSK062E INVALID [CHAR|CHARACTER] '[=*|char]' IN [OUTPUT] FILEID ['fn ft [fm]]'
 DMSDSK069E [OUTPUT] DISK 'MODE [cuu]' NOT ACCESSED

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' '.....' 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 KEYWORD 'function'
 DMSDSL037E [OUTPUT] DISK 'mode [cuu]' IS READ/ONLY
 DMSDSL046E NO LIBRARY NAME SPECIFIED
 DMSDSL047E NO FUNCTION SPECIFIED
 DMSDSL069E DISK {'mode'|'cuu'|'volid'} NOT ACCESSED
 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'|'cuu'|'volid'} NOT ACCESSED
 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']
 DMSEDI144S REQUESTED FILE IS IN ACTIVE STATUS

DMSEDX069E DISK {'mode'|'cuu'|'volid'} NOT ACCESSED

DMSEI0618E NUEXT FAILED
 DMSEI0621E BAD PLIST:
 DMSEI0622E INSUFFICIENT FREE STORAGE [message]
 DMSEI0632E I/O ERROR IN EXECIO: RC=nnn 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 [cuu]' IS READ/ONLY
 DMSERS048E INVALID MODE 'mode'

DMS

DMSERS054E INCOMPLETE FILEID SPECIFIED
 DMSERS069E DISK {'mode'|'cuu'|'valid'} NOT ACCESSED
 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 [cuu]' IS READ/ONLY
 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} (cuu)
 NOT ATTACHED
 DMSFCH115E PHASE LOAD POINT LESS THAN 'address'
 DMSFCH411S {INPUT|OUTPUT} ERROR CODE 'nn' ON 'SYSxxx'
 DMSFCH623S {MODULE|PHASE} CANNOT BE LOADED AT LOCATION 'location' AS THIS AREA IS
 AVAILABLE FOR SYSTEM USE ONLY
 DMSFCH777S DOS PARTITION TOO SMALL TO ACCOMMODATE FETCH REQUEST

 DMSFET003E INVALID OPTION 'option'
 DMSDOS004E {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 {MODULE|PHASE} CANNOT BE LOADED AT LOCATION 'location' AS THIS AREA IS
 AVAILABLE FOR SYSTEM USE ONLY
 DMSFET710I PHASE 'phase' ENTRY POINT AT LOCATION XXXXXX

 DMSFLD003E INVALID OPTION 'option'
 DMSFLD017E INVALID DEVICE ADDRESS 'cuu'
 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'|'cuu'|'valid'} NOT ACCESSED
 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 {DLBL|FILEDEF|LABELDEF}'s IN EFFECT
 DMSFLD420E NSL EXIT FILENAME MISSING OR INVALID
 DMSFLD699E NO FILETYPE SPECIFIED OR 'cuu' IS AN INVALID DISK ADDRESS
 DMSFLD704I INVALID CLEAR REQUEST

 DMSFLE495E THE 'module1' 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 'cuu'. REASON CODE 'nn'.
 DMSFNS909T PERM I/O ERROR ON 'cuu'. CSW ccccccc ccccccc SENSE ssssssss
 ssssssss ssssssss ssssssss ssssssss ssssssss

 DMSFOR003E INVALID OPTION 'option'
 DMSFOR005E NO 'option' SPECIFIED
 DMSFOR017E INVALID DEVICE ADDRESS 'cuu'

DMSFOR028E NO {DEVICE|LOGICAL UNIT} SPECIFIED
DMSFOR037E [OUTPUT] DISK 'mode [cuu]' IS READ/ONLY
DMSFOR048E INVALID MODE 'mode'
DMSFOR069E DISK {'mode'|'cuu'|'valid'} NOT ACCESSED
DMSFOR070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSFOR113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (cuu)
NOT ATTACHED
DMSFOR114S 'cuu' IS AN UNSUPPORTED DEVICE TYPE
DMSFOR125S PERMANENT UNIT CHECK ON DISK 'mode(cuu)'
DMSFOR126S ERROR {READ|WRIT}ING LABEL ON DISK 'mode(cuu)'
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(cuu)'. 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(cuu)'
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

DMSGLB002W FILE 'fn ft [fm]' NOT FOUND
DMSGLB014E INVALID KEYWORD 'function'
DMSGLB047E NO FUNCTION SPECIFIED
DMSGLB108S MORE THAN 8 LIBRARIES SPECIFIED

DMSGLO047E NO FUNCTION SPECIFIED
DMSGLO104S ERROR 'nn' READING FILE 'fn ft fm' FROM {DISK|XEDIT}
DMSGLO618E NUEXT FAILED
DMSGLO622E INSUFFICIENT FREE STORAGE [message]
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

DMS

DMSGRN048E INVALID MODE 'mode'
DMSGRN054E INCOMPLETE FILEID SPECIFIED
DMSGRN078E INVALID CARD IN READER {DECK|FILE 'cardimage'}

DMSGVE069E DISK {'mode'|'cuu'|'valid'} NOT ACCESSED.
{'A' MUST BE R/W FOR 'DISK LOAD'}

DMSHEL529E 'subcommand' SUBCOMMAND IS ONLY VALID IN EDITING MODE
DMSHEL545E MISSING OPERAND(S)
DMSHEL561E CURSOR IS NOT ON A VALID DATA FIELD
DMSHEL586E STRING NOT FOUND
DMSHEL640E UNABLE TO ACCESS HELP DISK (cuu), RC=nn FROM ACCESS COMMAND
DMSHEL657E UNDEFINED PFKEY

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 [fm]' CONTAINS INVALID {NAME|ALIAS|ENTRY|ESD} RECORD
FORMATS

DMSIDE070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSIDE104S ERROR 'nn' READING FILE 'fn ft fm' FROM {DISK|XEDIT}

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 KEYWORD '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'

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

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
DMSINI260T VIRTUAL MACHINE SIZE TOO SMALL TO IPL NON-SHARED COPY OF CMS
DMSINI606R SYSTEM DISK ADDRESS = cuu
DMSINI607R REWRITE THE NUCLEUS? {YES|NO}
DMSINI608R IPL DEVICE ADDRESS = cuu
DMSINI609R NUCLEUS {CYL|BLK} ADDRESS = nnn
DMSINI610R ALSO IPL {CYL|BLK} 0? {YES|NO}

DMSINI611R VERSION IDENTIFICATION =
 DMSINI612R INSTALLATION HEADING =
 DMSINI615R Y - DISK ADDRESS = cuu
 DMSINI640R HELP DISK ADDRESS = cuu
 DMSINI902T IPL DEVICE READ I/O ERROR

| DMSINS100W SHARED {S-STAT|Y-STAT} 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 20 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}.
 DMSJOI526E OPTION 'CURSOR' VALID IN DISPLAY MODE ONLY.
 DMSJOI561E CURSOR IS NOT ON A VALID DATA FIELD.
 DMSJOI564W EOF REACHED
 DMSJOI575E INVALID ARGUMENT OR {JOIN|SPLIT|TABS|VERIFY|ZONE} COLUMN(S) DEFINED.
 DMSJOI585E NO LINE(S) CHANGED.
 | DMSJOI685E JOINED LINE(S) EXCEED ZONE SETTINGS.

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 KEYWORD 'function'
 DMSLBM037E [OUTPUT] DISK 'mode [cuu]' IS READ/ONLY
 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'

DMS

DMSLBT013E MEMBER 'name' NOT FOUND IN LIBRARY ['fn ft fm'|libname]
DMSLBT014E INVALID KEYWORD '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 'subl.book'|MODULE 'module'|PHASE 'phase'|PROCEDURE
'procedure'} NOT FOUND
DMSLDF140S {'function'|FEVD|SEVD|SEOV|FEV} {MACRO|FUNCTION(S) NOT SUPPORTED IN
CMS/DOS}
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'|'cuu'|'valid'} NOT ACCESSED
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|PHASE} CANNOT BE LOADED AT LOCATION 'location' AS THIS AREA IS
AVAILABLE FOR SYSTEM USE ONLY
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'}

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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

| DMSLOS002E [INPUT|OVERLAY] {FILE(S)|DATA SET|NOTE} ['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 [cuu]' IS READ/ONLY
DMSLST048E INVALID MODE 'mode'
DMSLST066E 'option' AND 'option' ARE CONFLICTING OPTIONS
DMSLST069E DISK {'mode'|'cuu'|'valid'} NOT ACCESSED
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 [cuu]' IS READ/ONLY
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 [cuu]' IS READ/ONLY
DMSMVE041E INPUT AND OUTPUT FILES ARE THE SAME
DMSMVE048E INVALID MODE 'mode'
DMSMVE069E DISK {'mode'|'cuu'|'valid'} NOT ACCESSED
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}

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DMS

DMSNAM002E [INPUT|OVERLAY] {FILES[(S)]|DATA SET|NOTE} ['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:
DMSNAM622E INSUFFICIENT FREE STORAGE [message]
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
DMSNAM636E UNSUPPORTED TYPE OF NETDATA FILE
DMSNAM637E MISSING {VALUE|'value'} FOR THE {'option' OPTION|'operand' OPERAND}
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 {DDNAME|SYSxxx|function}
DMSNXD079E INVALID DEVICE ADDRESS - REENTER
DMSNXD616W 'name' DOES NOT EXIST
DMSNXD617E ERROR CODE nn FROM DMSFRET WHILE UNLOADING 'module name' MODULE
DMSNXD624W NON NUCLEUS EXTENSIONS ARE LOADED

DMSNXL001E NO FILENAME SPECIFIED
DMSNXL070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSNXL104S ERROR 'nn' READING FILE 'fn ft fm' FROM {DISK|XEDIT}
DMSNXL589E MISSING FILEDEF FOR DDNAME SYSIN
DMSNXL618E NUCEXT FAILED
DMSNXL619E MODULE 'module name' NOT FOUND
DMSNXL622E INSUFFICIENT FREE STORAGE [message]

DMSNXL070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSNXM622E INSUFFICIENT FREE STORAGE [message]
DMSNXM624I INVALID GLOBALV FUNCTION 'function'

DMSOPL089E {OPEN|CLOSE} ERROR CODE 'nn' ON {fn|SYSxxx|TAPn}
DMSOPL158E NO CMS/DOS PROCEDURE LIBRARY SUPPORT

DMSOPT070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSOPT099E CMS/DOS ENVIRONMENT NOT ACTIVE

DMSOSR001E NO FILENAME SPECIFIED
DMSOSR002E FILE 'fn' LOADLIB NOT FOUND
DMSOSR013E MEMBER member name NO FOUND IN LIBRARY
DMSOSR052E MORE THAN 100 CHARS OF OPTIONS SPECIFIED
DMSOSR070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSOSR073E UNABLE TO OPEN FILE 'fn'

DMSOVR014E INVALID KEYWORD 'function'
DMSOVR047E NO FUNCTION SPECIFIED
DMSOVR104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSOVR109S VIRTUAL STORAGE CAPACITY EXCEEDED

DMSPPD088E UNSUPPORTED DTF TYPE 'dtftype'

DMSPI0113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (cuu)
NOT ATTACHED
DMSPI0145S INTERVENTION REQUIRED ON {PRINTER|PUNCH}

DMSPOL070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}

DMSPOP002E [INPUT|OVERLAY] {FILE[(S)]|DATA 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}
 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

 DMSPQ148T SYSTEM ABEND CALLED FROM 'addr'
 DMSPQ620E RTABLE ERROR ON LINE 'nnn' -
 DMSPQ691I VMDUMP TAKEN, PROP WILL IPL CMS
 DMSPQ692I ACTION ROUTINE 'name' ABENDED, PROP CONTINUING
 DMSPQ693E MISSING 'statement' STATEMENT IN RTABLE
 DMSPQ694E MORE THAN ONE 'statement' STATEMENT IN RTABLE

 DMSPOR014E INVALID FUNCTION 'function'
 DMSPOR047E NO FUNCTION SPECIFIED
 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 BUFFER
 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: xxxxx
 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: xxxxx
 DMSPSW661E PREFIX 'name' IS INVALID FOR THE LINE ON WHICH IT WAS ENTERED.

 DMSPXX646E 'macroname' MUST BE INVOKED FROM THE PREFIX AREA.
 DMSPXX659E INVALID PREFIX SUBCOMMAND: xxxxx
 DMSPXX661E PREFIX 'name' IS INVALID FOR THE LINE ON WHICH IT WAS ENTERED.
 DMSPXX686E 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

 DMSPRT002E [INPUT|OVERLAY] {FILE(S)|DATA SET} ['fn [ft [fm]]'] NOT FOUND
 DMSPRT003E INVALID OPTION 'option'
 DMSPRT008E DEVICE 'cuu' {INVALID OR NONEXISTENT|UNSUPPORTED DEVICE TYPE}
 DMSPRT013E MEMBER 'name' NOT FOUND IN LIBRARY '['fn ft fm'|libname]'
 DMSPRT029E INVALID PARAMETER 'parameter' IN THE OPTION 'option' FIELD
 DMSPRT033E FILE 'fn ft fm' IS NOT A LIBRARY
 DMSPRT039E NO ENTRIES IN LIBRARY 'fn ft fm'
 DMSPRT044E RECORD LENGTH EXCEEDS ALLOWABLE MAXIMUM
 DMSPRT048E INVALID MODE 'mode'
 DMSPRT054E INCOMPLETE FILEID SPECIFIED
 DMSPRT062E INVALID [CHAR|CHARACTER] '[=|x|char]' IN [OUTPUT] FILEID ['fn ft [fm]]'
 DMSPRT069E DISK {'mode'|'cuu'|'valid'} NOT ACCESSED
 DMSPRT070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
 DMSPRT104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
 DMSPRT123S ERROR 'nn' {PRINTING|PUNCHING} FILE 'fn ft fm'

 DMSPRV003E INVALID OPTION 'option'
 DMSPRV004E {BOOK 'subl.book'|MODULE 'module'|PHASE 'phase'|PROCEDURE 'procedure'}

DMS

NOT FOUND
 DMSPRV006E NO READ/WRITE ['A'] DISK ACCESSED [FOR 'fn ft']
 DMSPRV037E [OUTPUT] DISK 'mode [cuu]' IS READ/ONLY
 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} (cuu)
 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 'cuu' {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'|'cuu'|'volid'} NOT ACCESSED
 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 DIFINED {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'

 DMSQRX070E INVALID PARAMETER 'parameter'
 DMSQRX099E CMS/DOS ENVIRONMENT {NOT} ACTIVE
 DMSQRX109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSQRX324I NO USER DIFINED {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 KEYWORD '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'}
 DMSQRY109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSQRY618E NUEXT FAILED
 DMSQRY621E BAD PLIST:

 DMSQWT666E NOTE ALREADY EXISTS. ENTER 'NOTE' TO CONTINUE OR
 SPECIFY 'REPLACE'

 DMSRDC008E DEVICE 'cuu' {INVALID OR NONEXISTENT|UNSUPPORTED DEVICE TYPE}
 DMSRDC037E [OUTPUT] DISK 'mode [cuu]' IS READ/ONLY
 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

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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'|ARGUMENT 'argument'}
DMSRDR630S ERROR ACCESSING SPOOL FILE

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 [cuu]' IS READ/ONLY
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'|'cuu'|'volid'} NOT ACCESSED

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

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DMS

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} (cuu)
NOT ATTACHED
DMSRRV411S {INPUT|OUTPUT} ERROR CODE 'nn' ON 'SYSxxx'
DMSRSV037E [OUTPUT] DISK 'mode [cuu]' 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 'cuu' REASON CODE 'nn'
DMSRSV909E PERM I/O ERROR ON 'cuu'. 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 {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSRUN999E NO ft PROCESSOR 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 {TARGET|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 (cuu)' 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'}
DMSSET099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSSET100W SHARED {S-STAT|Y-STAT} NOT AVAILABLE
DMSSET142S SAVED SYSTEM NAME 'name' INVALID
DMSSET333E nnnnK 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

DMSSPL526E OPTION 'option' VALID IN DISPLAY MODE ONLY.
 DMSSPL561E CURSOR IS NOT ON A VALID DATA FIELD.
 DMSSPL575E INVALID {JOIN|SPLIT|TABS|VERIFY|ZONE} COLUMNS DEFINED.
 DMSSPL585E NO LINE(S) CHANGED.
 DMSSPL586E NOT FOUND

DMSSPR002E [INPUT|OVERLAY] {FILE(S)|DATA SET} ['fn [ft [fm]]'] NOT FOUND
 DMSSPR014E INVALID KEYWORD 'function'
 DMSSPR026E INVALID PARAMETER 'parameter' FOR 'function' FUNCTION
 DMSSPR113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (cuu)
 NOT ATTACHED
 DMSSPR145S INTERVENTION REQUIRED ON {PRINTER|PUNCH}
 DMSSPR196I PRT cuu SETUP COMPLETE
 DMSSPR197S UNDIAGNOSED ERROR FROM PRINTER '00E'
 DMSSPR198E SETPRT CAUSED A LOAD CHECK - SNS=ssssssss
 DMSSPR199E PRT '00E' NOT A VIRTUAL 3800
 DMSSPR204E TOO MANY WCGM'S NEEDED FOR 'CHARS'
 DMSSPR352E INVALID SETPRT DATA IN FILE 'fn ft'

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 [cuu]' IS READ/ONLY
 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'|'cuu'|'valid'} NOT ACCESSED
 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} (cuu)
 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 fn' 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'|'cuu'|'valid'} NOT ACCESSED
 DMSSTT070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
 DMSSTT227I PROCESSING VOLUME 'no' IN DATA SET 'data set name'

DMS

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(cuu)' IS FILE PROTECTED
 DMSTLB058E END-OF-FILE or END-OF-TAPE[[ON 'TAPn']]
 DMSTLB110S ERROR READING 'TAPn {{cuu}}'
 DMSTLB111S ERROR WRITING 'TAPn (cuu)'
 DMSTLB113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (cuu)
 NOT ATTACHED
 DMSTLB421E 'TAPn (cuu)' HDR1 LABEL MISSING FOR 'filename'
 DMSTLB422E 'TAPn (cuu)' POSITIONED WRONG FOR 'filename'
 DMSTLB423I 'TAPn (cuu)' POSITIONED PARAMETER IGNORED. OUTPUT FILE WILL BE WRITTEN
 IMMEDIATELY AFTER NEW VOL1 LABEL
 DMSTLB424E 'TAPn (cuu)' NOT POSITIONED AT EOF1 LABEL
 DMSTLB425R 'TAPn (cuu)' BLOCK COUNT ERROR FOR 'filename' ENTER 'IGNORE' OR 'CANCEL'
 DMSTLB426R 'TAPn (cuu)' UNEXPIRED FILE ENTER 'IGNORE' OR 'ERROR'
 DMSTLB427I 'TAPn (cuu)' EOVI LABEL READ
 DMSTLB428I 'TAPn (cuu)' EOVI LABEL WRITTEN
 DMSTLB430E 'TAPn (cuu)' LABELDEF INFORMATION MISSING FOR FILE 'filename'
 DMSTLB431E 'TAPn (cuu)' VOL1 LABEL MISSING
 DMSTLB432E 'TAPn (cuu)' VOLID volid DOES NOT MATCH LABELDEF VOLID FOR 'filename'
 DMSTLB433R ENTER 'WRITE (VOLID' OR 'REJECT'
 DMSTLB434E 'TAPn (cuu)' INPUT LABEL CHECK ERROR FOR FILE 'filename'
 DMSTLB435R ENTER 'IGNORE' OR 'CANCEL'
 DMSTLB436I 'TAPn (cuu)' MISSING USER STANDARD LABEL FOR 'ddname'
 DMSTLB437I 'TAPn (cuu)' 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 {{cuu}}'
 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 {{cuu}}'
 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 KEYWORD 'function'
 DMSTPE017E INVALID DEVICE ADDRESS 'cuu'
 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 [cuu]' IS READ/ONLY
 DMSTPE042E NO FILEID(S) SPECIFIED
 DMSTPE043E 'TAPn(cuu)' 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 {(cuu)}'
 DMSTPE111S ERROR WRITING 'TAPn (cuu)'
 DMSTPE113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (cuu)
 NOT ATTACHED
 DMSTPE115S {CONVERSION|[7|9]-TRACK|[800|6250] BPI|TRANSLATION|DUAL-DENSITY}
 FEATURE NOT SUPPORTED ON DEVICE 'cuu'
 DMSTPE431E 'TAPn (cuu)' 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
 DMSTYP062E INVALID [CHAR|CHARACTER] '[=*|char]' IN [OUTPUT] FILEID ['fn ft [fm]]'
 DMSTYP069E DISK {'mode'|'cuu'|'valid'} NOT ACCESSED
 DMSTYP104S 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 [cuu]' IS READ/ONLY
 DMSUPD048E INVALID MODE 'mode'
 DMSUPD065E 'option' OPTION SPECIFIED TWICE
 DMSUPD066E 'option' and 'option' ARE CONFLICTING OPTIONS
 DMSUPD069E DISK {'mode'|'cuu'|'valid'} NOT ACCESSED
 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
 DMSUPD361E DISK 'mode' IS NOT A {CMS|DOS} DISK

DMSUTL003E INVALID OPTION 'option'
 DMSUTL014E INVALID KEYWORD 'function'
 DMSUTL024E FILE 'fn ft fm' ALREADY EXISTS [-- SPECIFY 'REPLACE']
 DMSUTL032E INVALID FILETYPE 'ft'

DMS

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'|'cuu'|'valid'} NOT ACCESSED
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
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 MODULES HAVE BEEN RESTORED
DMSVGN368R ERASE sysname DOSLIB?...ENTER 'YES' OR 'NO':
DMSVGN371R 'sysname' IS LOADED. ENTER CP MODE TO APPLY ZAPS, ELSE 'NULL'
DMSVGN382R ENTER NUMBER OF TAPE FILES TO BE PROCESSED:

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 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
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 {(cuu)}'
DMSVMF113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (cuu)
NOT ATTACHED
DMSVMF117S ERROR WRITING TO DISPLAY TERMINAL
DMSVMF383R APPLY 'fn'? ...ENTER 'NO' OR EOB:

DMSVDP070E INVALID {PARAMETER 'parameter'|ARGUMENT 'argument'}
DMSVDP105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK

DMSVPD109S VIRTUAL STORAGE CAPACITY EXCEEDED
 DMSVPD110S ERROR READING 'TAPn {(cuu)}'
 DMSVPD113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (cuu)
 NOT ATTACHED
 DMSVPD368I count MODULES HAVE BEEN RESTORED
 DMSVPD383R APPLY 'fn'? ...ENTER 'NO' OR EOB:

DMSWDC649E EXTRANEIOUS PARAMETER 'parameter'
 DMSWDC651E DISCARD MUST BE ISSUED FROM RDRLIST, PEEK OR FILELIST
 DMSWDC652E MISSING OPERAND(S). ENTER EXECUTE [n] DISCARD
 DMSWDC653E ERROR EXECUTING 'GLOBALV', RC=nn

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 {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
 DMSWEX543E INVALID NUMBER : xxxxxxxx
 DMSWEX561E CURSOR IS NOT ON A VALID DATA FIELD
 DMSWEX651E 'EXECUTE' MUST BE ISSUED FRO 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

DMSWNM006E NO READ/WRITE DISK ACCESSED
 DMSWNM649E EXTRANEIOUS PARAMETER 'value'
 DMSWNM653E ERROR EXECUTING 'GLOBALV'
 DMSWNM656E ERROR SEARCHING YOUR NAME 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&eq1} MUST BE ISSUED FROM NOTE
 DMSWNT653E ERROR EXECUTING 'command'
 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
 DMSWNT675E INVALID CHARACTER '*' FOR NETWORK ID
 DMSWNT677E INVALID OPTION 'option' IN OPTION LINE

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

DMS

DMSWPK643E NO CLASS 'class' FILES IN YOUR READER
 DMSWPK644E ALL READER FILES ARE IN HOLD STATUS OR NOT CLASS 'class'
 DMSWPK649E EXTRANEIOUS PARAMETER 'parameter'
 DMSWPK650E INVALID SPOOLID 'nnnn'
 DMSWPK653E ERROR EXECUTING 'EXECIO'
 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 SYTEM {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. {'A' MUST BE R/W FOR 'DISK LOAD'}
 DMSWRC062E INVALID CHARACTER '*' IN FILEID 'fn ft fm'
 DMSWRC069E DISK 'mode' NOT ACCESSED. {'A' MUST BE R/W FOR 'DISK LOAD'}
 DMSWRC630S ERROR ACCESING 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'
 DMSWRC653E ERROR EXECUTING 'command'
 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'
 DMSWRC687E THIS IS A SYSTEM {HELD|DUMP} FILE. THIS FILE CANNOT BE
 PEEKED AT

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

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 FILEID 'fn ft fm'
 DMSWSF069E DISK 'mode' NOT ACCESSED
 DMSWSF081E INVALID REPLY - ANSWER "YES" OR "NO"
 DMSWSF637E MISSING NODIED FOR THE 'AT' OPERAND
 DMSWSF647E USERID NOT SPECIFIED FOR 'nickname' IN 'userid NAMES FILE
 DMSWSF648E USERID 'name' NOT FOUND. NO FILES HAVE BEEN SENT
 DMSWSF653E ERROR EXECUTING 'command'
 DMSWSF657E UNDEFINED PKFEY/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, DO 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. NOT 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
 DMSWTL653E ERROR EXECUTING 'command'
 DMSWTL675E NO NAMES SPECIFIED
 DMSWTL676E INVALID CHARACTER '*' FOR NETWORK ID

 DMSWU0637E MISSING VALUE FOR THE 'CTL' OPTION

 DMSWUP649E EXTRANEIOUS PARAMETER 'parameter'
 DMSWUP054E INCOMPLETE FILEID SPECIFIED
 DMSWUP002E FILE 'fn ft fm' NOT FOUND
 DMSWUP671E ERROR UPDATING fn ft fm. RC=xx FROM XEDIT

 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 :q1.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 SCAN" 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, PERSS "ENTER" TO CONTINUE
 DMSWVV799E ERROR READING FORM "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. PRES "ENTER" TO
 CONTINUE OR "QUIT" TO EXIT
 DMSWVV809E ERROR COPYING "VSEVSAM SCAN" FILE FROM S-DISK TO A-DISK

 DMSXBG109S VIRTUAL STORAGE CAPACITY EXCEEDED

 DMSXCG498E NOT EXECUTED: THE TWO AREAS TO MERGE OVERLAP EACH OTHER.
 DMSXCG501I nn LINE(S) DELETED
 DMSXCG502I {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.
 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 LINES 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 [cuu]' IS READ/ONLY
 DMSXCP043E 'TAPn(cuu)' 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} (cuu)
 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.

DMS

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.
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)
DMSXCT554E NO STORAGE AVAILABLE.
DMSXCT566E LOGICAL SCREEN (s11,sw1,sh1,sv1) IS OUTSIDE THE PHYSICAL SCREEN.
DMSXCT567E LOGICAL SCREENS (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.

DMSXDC497E OPERAND OF SET option EXCEEDS MAXIMUM LENGTH
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 NOT FOUND.
DMSXDC547E SYNONYM DEFINITION INCOMPLETE.
DMSXDC548E INVALID SYNONYM OPERAND : operand
DMSXDC549E SYNONYM ABBREVIATION TOO LARGE.
DMSXDC550E TOO MANY OPERANDS IN SYNONYM DEFINITION.
DMSXDC554E 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
DMSXED554E NO STORAGE AVAILABLE.
DMSXED555E FILE 'fn ft fm' ALREADY IN STORAGE.

DMSXER556S UNDEFINED MESSAGE (DMSXER CALLED AT hex loc)

DMSXFC557S NO MORE STORAGE TO INSERT LINES.

DMSXFD554E 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 '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'
DMSXIN554E 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).
DMSXMC545E MISSING OPERAND(S)
DMSXMC575E INVALID [ARGUMENT OR] {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
DMSXMS493E SORT INVALID IN UPDATE MODE
DMSXMS554S NO STORAGE AVAILABLE
DMSXMS596S THIS MODULE MUST BE CALLED WITHIN THE EDITOR

DMSXP0596S THIS MODULE MUST BE CALLED WITHIN THE EDITOR
DMSXP0614E 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.
DMSXSE554E NO STORAGE AVAILABLE.
DMSXSE558E 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 {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.

DMS

DMSXSU048E INVALID MODE 'mode'
 DMSXSU062E INVALID CHARACTER IN FILEID 'fn ft fm'
 DMSXSU069E DISK {'mode'|'cuu'|'volid'} NOT ACCESSED
 DMSXSUI37S 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 'updname' 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 KEYWORD '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'

APPENDIX C. MESSAGE-TO-MODULE CROSS-REFERENCE

This appendix contains all the VM/SP message identifiers, listed in numerical order vertically. Use this appendix when you want to find out which modules issue a given message. Find the message number within its component code group (CP, CMS, RSCS, or IPCS); all the message identifiers with the same number appear together.

Note: RSCS and IPCS messages remain at the VM/370 Release 6 level.

CP MESSAGE SUMMARY

DMKCF001E	DMKCF004E	DMKCF012E	DMKNLD021E	DMKDEF026E
DMKCF002E	DMKCF004E	DMKCPB012E	DMKNLE021E	DMKDEG026E
DMKCF002E	DMKCFD004E	DMKCFG013E	DMKSPT021E	DMKDEI026E
DMKCF002E	DMKCPV004E	DMKCFU013E	DMKVDD021E	DMKMCC026E
DMKCFW002E	DMKNES004E	DMKCFQ013E	DMKVDE021E	DMKMCD026E
DMKCF002E	DMKNET004E	DMKCSB013E		DMKMCI026E
DMKMCC002E	DMKCF005E	DMKCS0013E	DMKCFD022E	DMKNEA026E
DMKMCD002E	DMKCPB005E	DMKCS0013E	DMKCFG022E	DMKNES026E
DMKMNI002E	DMKTRP005E	DMKCSU013E	DMKCPB022E	DMKNET026E
DMKNEA002E	DMKTRR005E	DMKCSV013E	DMKCFQ022E	DMKNLD026E
DMKNES002E		DMKPEL013E	DMKCFQ022E	DMKPEI026E
DMKNET002E	DMKCF006E	DMKTRA013E	DMKCSB022E	DMKPEN026E
DMKNLD002E	DMKCF006E	DMKTRP013E	DMKCSQ022E	DMKSPM026E
DMKPEI002E	DMKCFU006E	DMKVMD013E	DMKCS022E	DMKSPS026E
DMKPEN002E	DMKCPB006E	DMKPEL013W	DMKDEF022E	DMKTHI026E
DMKSPT002E	DMKCPV006E		DMKDIA022E	DMKTRA026E
DMKTHI002E	DMKCFQ006E	DMKSPS014E	DMKDIB022E	DMKTRP026E
DMKTRA002E	DMKCSB006E		DMKLNK022E	DMKTRR026E
DMKTRP002E	DMKCS006E	DMKCS016E	DMKVDD022E	
MDKTRR002E	DMKCSQ006E	DMKDIA017E	DMKVDE022E	DMKCFQ027E
	DMKCS006E		DMKVMIO22E	DMKCS027E
	DMKCSU006E			DMKCSU027E
DMKCF003E	DMKDIB006E	DMKCF0020E	DMKCFQ023E	DMKTRR027E
DMKCF003E	DMKCF006E	DMKCPV020E	DMKCFQ023E	
DMKCF003E	DMKMCC006E	DMKCFQ020E	DMKVDE023E	DMKCFQ028E
DMKCF003E	DMKNEA006E	DMKCFQ020E		DMKCFQ028E
DMKCF003E	DMKNES006E	DMKCFQ020E	DMKCFH024E	DMKCSB028E
DMKCFU003E	DMKNET006E	DMKCFQ020E	DMKCS024E	DMKCS028E
DMKCP003E	DMKNLD006E	DMKCFQ020E	DMKCS024E	DMKCS028E
DMKCPV003E	DMKNLE006E	DMKCFQ020E	DMKCSQ024E	DMKCSU028E
DMKCFQ003E	DMKSPT006E	DMKCFQ020E	DMKCSU024E	DMKSPS028E
DMKCFQ003E	DMKVDD006E	DMKDIA020E	DMKCSV024E	
DMKCFQ003E	DMKVDE006E	DMKDIB020E	DMKDEF024E	DMKCSQ029E
DMKCSB003E		DMKLNK020E	DMKSPT024E	DMKCSU029E
DMKCS003E	DMKCPV007E	DMKLOG020E		
DMKCS003E	DMKCS007E	DMKMSG020E	DMKDEF025E	DMKCS0030E
DMSCSQ003E	DMKCSU007E	DMKNEA020E	DMKDEG025E	DMKCS030E
DMKCS003E		DMKQVM020E		DMKCSU030E
DMKCSU003E	DMKCSU008E	DMKSN020E	DMKCF026E	
DMKDEF003E	DMKSPT008E	DMKTRP020E	DMKCFD026E	DMKCSB031E
DMKLOG003E	DMKTRR008E	DMKUS0020E	DMKCFG026E	DMKCSQ032E
DMKMCC003E		DMKVDD020E	DMKCFH026E	DMKCSU032E
DMKMCI003E	DMKCF009E	DMKVDE020E	DMKCFJ026E	
DMKMSG003E	DMKCF009E	DMKVMD020E	DMKCFJ026E	DMKCF026E
DMKNET003E	DMKDEI009E		DMKCF026E	DMKCF026E
DMKNLE003E	DMKDEI009E	DMKCFD021E	DMKCF026E	DMKCF026E
DMKPEI003E	DMKNES009E	DMKCFU021E	DMKCF026E	DMKCF026E
DMKPEN003E	DMKNET009E	DMKCFU021E	DMKCF026E	DMKCF026E
DMKPEQ003E	DMKVMD009E	DMKCPV021E	DMKCF026E	DMKCF026E
DMKPE003E		DMKCFQ021E	DMKCF026E	DMKCF026E
DMKSPT003E	DMKCF010E	DMKCSQ021E	DMKCF026E	DMKCF026E
DMKTHI003E	DMKCF010E	DMKCSB021E	DMKCF026E	DMKCF026E
DMKTRA003E	DMKPEI010E	DMKCS021E	DMKCF026E	DMKCF026E
DMKUS0003E		DMKDEI021E	DMKCF026E	DMKCF026E
DMKVDE003E	DMKDIA011E	DMKMCC021E	DMKCF026E	DMKCF026E
	DMKDIB011E	DMKMCD021E	DMKCF026E	DMKCF026E
		DMKNES021E	DMKCF026E	DMKCF026E
DMKCF004E		DMKNET021E	DMKCF026E	DMKCF026E
DMKCF004E			DMKCF026E	DMKCF026E

DMK

DMKDDR038E	DMKNLD046E	DMKVDA077E	DMKNEA120E	DMKCSB142E
DMKVMD038E	DMKNLE046E		DMKVDE120E	DMKVDD142E
	DMKSPT046E	DMKSSS078I		DMKVDE142E
DMKVDA039E	DMKVDD046E		DMKNEA121E	
DMKVDE039E		DMKCF5080E	DMKVDD121E	DMKCFU143E
	DMKDIA047E	DMKLOG080E	DMKVDE121E	DMKCP0143E
DMKCFD040E	DMKDIB047E	DMKCF5081W		DMKCP143E
DMKCFG040E	DMKPEI047E	DMKLOG081W	DMKNEA122E	DMKDEI143E
DMKCFU040E	DMKPEL047E		DMKVDE122E	DMKMCC143E
DMKCPB040E	DMKPEN047E	DMKCF5082E		DMKNLD143E
DMKCP040E	DMKPEQ047E	DMKLOG082E	DMKCP123E	DMKNLE143E
DMKCPV040E			DMKVDD123E	DMKSPT143E
DMKCCG040E	DMKVCH048E	DMKCFG083E	DMKVDE123E	DMKVDD143E
DMKCCP040E				DMKVDE143E
DMKCCQ040E		DMKCF5086E	DMKCP0124E	
DMKCSB040E	DMKCP0049E		DMKCP124E	DMKCP5144W
DMKCSO040E	DMKCP049E	DMKLOG090E	DMKVDD124E	
DMKCSQ040E	DMKNES049E		DMKVDE124E	DMKJRL145I
DMKCS040E	DMKNET049E	DMKDEF091E		
DMKCS040E		DMKLOG091E	DMKVDE125E	DMKVMD146I
DMKDEF040E	DMKLOG050E	DMKDEF092E	DMKVDE126E	DMKVCH147E
DMKDIB040E		DMKLOG092E		DMKCSB148E
DMKMCC040E	DMKCFY052E		DMKVDE127E	DMKACR149E
DMKMCD040E	DMKLNK052E	DMKLOG093E	DMKVDE128E	DMKQCN150A
DMKNEA040E	DMKLOG052E		DMKVCH129E	
DMKNES040E		DMKDEF094E	DMKVCH130E	DMKVDE151I
DMKNET040E	DMKCFY053E			DMKTTY152E
DMKNLD040E	DMKCS053E	DMKDEF095E	DMKCPI131E	
DMKNLE040E	DMKCSU053E	DMKLOG095E	DMKLOG131E	DMKDEF153E
DMKSPT040E	DMKLNK053E		DMKVDE131E	DMSLNK153E
DMKVDD040E	DMKLOG053E	DMKDIA098E		DMKVDE153E
DMKVDE040E	DMKVMD053E	DMKNES098E	DMKVCH132E	
		DMKNET098E		DMKCP154E
DMKCCG042E	DMKLOG054E		DMKVCH133E	
DMKCS042E	DMKDIA055E	DMKLNK101W	DMKVDE133E	DMKNET157E
DMKCSU042E				DMKCSB158I
DMKTRR042E	DMKDIA056E	DMKLNK102W	DMKVDD134E	DMKCD160E
			DMKVDE134E	DMKCDM160E
DMKCSB043E	DMKMSG057W	DMKLNK103W		DMKCD160E
			DMKVDA135E	DMKCFD160E
DMKCFG044E	DMKDIB058E	DMKLNK104E	DMKVDD135E	DMKCPV160E
DMKCFH044E				DMKNES160E
DMKCF5044E	DMKALG059E	DMKLNK105E	DMKCP136E	DMKNET160E
DMKNLD044E			DMKDEF136E	DMKVMD160E
DMKSNC044E	DMKCDM060E	DMKLNK106E		
			DMKLNK137E	DMKCD161E
DMKCF0045E	DMKCDM061E	DMKLNK107E	DMKVCH138E	DMKVMA161E
DMKCFY045E	DMKPET061E			
DMKCPV045E		DMKLNK108E	DMKLNK139E	DMKCD162E
DMKCCG045E	DMKCFV062E			DMKCD162W
DMKCCQ045E	DMKCFV063E	DMKLNK109E		
DMKCCR045E		DMKLNK110E	DMKCFU140E	DMKCD163E
DMKCCY045E	DMKVAT064E		DMKCP0140E	DMKCD164E
DMKDIA045E	DMKLOG067E	DMKLNK111E	DMKCP140E	DMKCFD164E
DMKDIB045E			DMKCPV140E	DMKCFP164E
DMKMSG045E	DMKSND068E	DMKLNK112E	DMKCSB140E	
DMKSND045E	DMKSSS070E		DMKCS0140E	
DMKTHI045E	DMKSSS071E	DMKLNK113E	DMKMCC140E	DMKCD164E
DMKTRP045E			DMKNES140E	DMKCFD164E
DMKUS0045E	DMKSSS072E	DMKLNK114E	DMKNET140E	DMKCFP164E
DMKVDD045E	DMKSSS073E		DMKNLD140E	
DMKVDE045E	DMKSSS074E	DMKLNK115E	DMKNLE140E	DMKCPV165I
			DMKSPT140E	
DMKCFP046E	DMKSSS075E	DMKLNK116E	DMKVDA140E	DMKCD166E
DMKCF5046E			DMKVDD140E	
DMKCF046E	DMKDEI075E	DMKLNK117E		DMKCFG170E
DMKCPU046E	DMKSSS075E		DMKCS0141E	DMKCFH170E
DMKCPV046E		DMKLNK118E	DMKCP0142E	DMKCF5170E
DMKCSB046E	DMKVDA076E		DMKCP142E	DMKNLD170E
DMKCSO046E		DMKLNK119E		
DMKDEI046E				
DMKMCC046E				
DMKNEA046E				
DMKNES046E				
DMKNET046E				

DMKCFG171E	DMKUS0197E	DMKVMI231E	DMKDEI278E	DMKRSP428E
DMKCFH171E				DMKSPS428E
DMKCF171E	DMKCP0198W	DMKVMI232E	DMKDEI279E	
DMKNLD171E				DMKVSP429I
DMKSNC171E	DMKCFU199E	DMKVMI233E	DMKDEI280E	DMKVST429I
	DMKCPV199E			
DMKCFG172E	DMKDIA199E	DMKVMI234E	DMKCFH300E	DMKRSP431A
DMKCFH172E	DMKLNK199E			
	DMKMCC199E	DMKRSP239I	DMKTRR301E	DMKRSP432A
DMKCFG173E	DMKNES199E			
DMKCFH173E	DMKNET199E	DMKRSE240E	DMKTRR302E	DMKRSP433A
	DMKNLD199E	DMKTCS240E		
DMKCFG174E	DMKNLE199E	DMKRSE241E	DMKTRR303E	DMKRSP434A
DMKPER174E	DMKSPT199E	DMKTCS241E	DMKTRP304I	DMKCFH435E
	DMKVDE199E			DMKCFP435E
DMKCFG175E				DMKSNC435E
DMKCF0175E	DMKBLD200E	DMKRSE242E	DMKTRP305I	
DMKCF175E			DMKTRR305I	
DMKNES175E	DMKBLD201E	DMKCS0243E	DMKTRT306E	DMKCFH436E
		DMKCS0243E		
DMKCPV176E	DMKBLD202E	DMKCSU243E	DMKTRT307I	DMKCLK437E
	DMKCPV202E			
DMKCFG177E		DMKCS0244E	DMKTRT308I	DMKCKT438I
DMKSNC178E	DMKCFG203E			
	DMKCPV203E	DMKCS0245E	DMKTRP309E	DMKCS0441E
DMKCFG179E		DMKCS0245E		
DMKCFH179E	DMKCPV204E	DMKCSU245E	DMKMID310E	DMKDSP450W
DMKCFP179E				
DMKCF179E	DMKDIA206E	DMKCS0246E	DMKPEL311E	DMKDSP452W
DMKSNC179E	DMKLOH206E	DMKCSU246E	DMKPEN311E	
DMKPEN180E	DMKNEA208E	DMKNMT247I	DMKPEI312E	DMKCNS454I
DMKPEQ180E				DMKRG454I
DMKPET180E	DMKMCC211E	DMKNMT248E	DMKPER313E	DMKRNH454I
DMKTRA180W	DMKMCD212E		DMKPET313E	
		DMKNMT249E		
DMKATS181E	DMKMCC213E	DMKCF0250E	DMKPER314W	DMKCNS455I
		DMKCF181E	DMKPET314W	DMKRG455I
DMKTRA182E	DMKMCD214E	DMKCF181E		
DMKPER182I		DMKLOG250E	DMKSAV350W	DMKVMA456W
	DMKMCC215E			
DMKCF183E	DMKMCC216E	DMKCF183E	DMKSAV351W	DMKGRF457E
		DMKLOG251E		
DMKCF0184E	DMKMCC217E	DMKRSE252I	DMKSAV352W	DMKNLD460E
DMKCF184E				DMKNLE460E
DMKCPI185E	DMKMCD218E	DMKCF0253E	DMKSAV353W	DMKNLD461R
		DMKCSU253E		DMKNLE461R
DMKCF0186E	DMKMON219I	DMKNMT254E	DMKCKS400I	DMKRNH462I
			DMKPGT400I	
DMKCF187E	DMKMON220I	DMKRSE255I	DMKWRN400I	DMKRNH463I
		DMKCF0255W		
DMKCF0188E	DMKMCC221E	DMKNMT256E	DMKCKT401I	DMKNLE464I
DMKCFY188E			DMKCKV401I	DMKRNH464I
DMKLOG188E	DMKMCD222E	DMKNMT257E	DMKPGT401I	
DMKVCH188E				
DMKCFY189E	DMKMCD223E	DMKDEF258I	DMKPTR410W	DMKVDS465W
DMKLOG189E				
DMKCF190I	DMKMCD224E	DMKDEF259E	DMKPRG411W	DMKCCQP466I
				DMKCCQQ466I
DMKCPU191E	DMKMNI225E	DMKDEF259E	DMKPAH415E	DMKRNH468I
		DMKTCT270E	DMKCST424E	
DMKCP192E	DMKMCD226E	DMKVDD273E		DMKNLE469E
DMKCP192E			DMKAC0425A	
	DMKMCD227E	DMKDEI274E	DMKAC0425E	DMKNLD470E
DMKCP193I				DMKNLE470E
	DMKMCD228E	DMKDEI275E	DMKRSP426E	DMKNLD471E
DMKCP194I			DMKSPS426E	DMKNLE471E
	DMKMIA229E	DMKDEI276E	DMKVSP427I	
DMKLOH196E	DMKCPJ229I		DMKVST427I	DMKUDR475I
	DMKVMI230E	DMKDEI277E		

DMK

DMKBSC500I	DMKBSC516I	DMKRSE540I	DMKMCH624I	DMKFMT735E
DMKCNS500I	DMKDAD516I			
DMKDAD500I	DMKDAS516I	DMKCFP546I	DMKMCT625I	DMKFMT736E
DMKDAS500I	DMKTAP516I	DMKCFQ546I		
DMKGRF500I		DMKDID546I	DMKMCT626E	DMKFMT737E
DMKRSE500I	DMKDAS517E			
DMKTAP500I	DMKBSC517I	DMKCFU547E	DMKDDR700E	DMKFMT738A
	DMKDAD517I			
	DMKTAP517I	DMKIOF550E	DMKDDR701E	DMKFMT739E
DMKBSC501A				
DMKCNS501A	DMKDAD518I	DMKIOG551E	DMKDDR702E	DMKFMT740E
DMKDAD501A	DMKDAS518I			
DMKDAS501A	DMKTAP518I	DMKIOG552I	DMKDDR703E	DMKDIR751E
DMKRSE501A				
DMKTAP501A	DMKTAP519I	DMKIOG553I	DMKDDR704E	DMKDIR752E
DMKCNS501I				
DMKRSE501I	DMKRSE520A	DMKIOG558I	DMKDDR705E	DMKDIR753E
	DMKBSC520I		DMKRG705I	
DMKBSC502I	DMKDAD520I	DMKIOH559W		
DMKCNS502I	DMKDAS520I		DMKNES706E	DMKDIR754E
DMKDAD502I	DMKRSE520I	DMKIOH560W		
DMKDAS502I	DMKTAP520I		DMKDIA707A	DMKDIR755E
DMKGRF502I		DMKIOH561W	DMKDDR707E	DMKDDR756E
DMKRSE502I	DMKGRF521I			DMKDIR756E
DMKTAP502I	DMKRSE521I	DMKVER575I	DMKDDR708E	DMKFMT756E
	DMKTAP521I			
DMKRSE503A		DMKCPT601E	DMKDDR709E	DMKDIR757E
DMKBSC503I	DMKTAP522I	DMKCCH601I		
DMKCNS503I			DMKDDR710A	DMKDIR758E
DMKDAD503I	DMKTAP523I	DMKCPT602E	DMKDDR711R	DMKDIR760E
DMKDAS503I		DMKCCH602I		
DMKGRF503I	DMKRSE524I		DMKDDR712E	DMKDIR761E
DMKRSE503I		DMKACR603W		
DMKTAP503I	DMKGRF525I	DMKCCH603W	DMKDDR713E	DMKDIR762E
	DMKRSE525I			
DMKRSE504A		DMKCCH605I	DMKDDR714E	DMKDIR763E
DMKDAS504D	DMKTAP526I			
DMKTAP504D		DNKMCH609W	DMKDDR715E	DMKDIR764E
DMKBSC504I	DMKBSC527I		DMKDDR716R	DMKTRR764E
DMKCNS504I	DMKCNS527I	DMKMCH610W		
DMKDAD504I		DMKMCT610W	DMKDDR717R	DMKQVM800E
DMKDAS504I	DMKBSC528I			
DMKGRF504I	DMKCNS528I	DMKMCH611W	DMKDDR718E	DMKQVM801E
DMKRSE504I		DMKMCT611W	DMKDDR719E	DMKQVM802E
	DMKGRF529I			
DMKRSE505A	DMKRSE529I	DMKMCH612W	DMKDDR720E	DMKQVM803E
DMKDAS505D		DMKMCT612W	DMKDDR721E	DMKSPM804E
DMKTAP505D	DMKGRF530I			
DMKBSC505I		DMKMCH613I	DMKDDR722E	DMKSPM805E
DMKCNS505I	DMKGRF531I			
DMKDAD505I		DMKMCH614I	DMKDDR723E	DMKQVM806E
DMKDAS505I	DMKGRF532I	DMKMCH615I	DMKDDR724E	DMKQVM807E
		DMKMCT616I	DMKIOB724I	DMKSPM808I
DMKDAD506I	DMKDAU533I			
DMKDAS506I		DMKMCH616I	DMKDDR725R	DMKQVM809E
	DMKDAU534I	DMKMCT616I	DMKDDR726E	DMKCPU812E
DMKDAS507D				
	DMKDAU535I	DMKMCH617I	DMKDDR727E	DMKRND850I
DMKDAD508I				
DMKDAS508I	DMKCKP536I	DMKMC1618I	DMKDDR729I	DMKRND851I
DMKRSE508I	DMKDAD536I			
	DMKDAS536I	DMKMCH619I	DMKFMT730E	DMKRND852I
DMKDAS509I	DMKDAU536I	DMKMCT619I	DMKFMT732E	DMKRND853I
	DMKDDR536I			
DMKTAP510I	DMKDIR536I	DMKMCT620I	DMKFMT733E	DMKRND861E
	DMKDMP536I			
DMKTAP511I	DMKFMT536I	DMKMCT621I		
	DMKSAV536I			
DMKTAP512I	DMKSSP536I	DMKACR622W	DMKFMT734E	
		DMKMCH622W		
DMKDAD513I				
DMKDAS513I	DMKDAD538I	DMKCPP623I		
		DMKMCT623I		
DMKDAS514D	DMKTAP539I			

DMKRND863E	DMKCKP910W	DMKDMP918I	DMKCPI950A	DMKCKP960I
DMKRND864I	DMKCKP911W	DMKCKS919E	DMKCPI951I	DMKCKP961W
DMKCKP900W	DMKCKT912W	DMKWRN919E	DMKCPI952I	DMKCPI961W
DMKCKP901W	DMKCKV912W	DMKWRM920I	DMKCFU953I	DMKCPI962I
DMKCKP902W	DMKWRM912W	DMKWRM921W	DMKCPI953I	DMKVDE962I
DMKCKT903W	DMKCPI913I	DMKCKP922W	DMKCPI954E	DMKCPI963I
DMKWRM904W	DMKDMP913I	DMKCKP922W	DMKCPI955W	DMKCPI964I
DMKDMP905W	DMKCPI914I	DMKCPI923I	DMKCPI955W	DMKCPJ966I
DMKDMP906W	DMKCKS915E	DMKCPV923I	DMKDAD956A	DMKCPJ967I
DMKDMP907W	DMKCKV915E	DMKLD0923I	DMKDAS956A	DMKCPJ967I
DMKDMP908I	DMKWRN915E	DMKCPI924I	DMKDSB956A	DMKCPI968I
DMKDMP909W	DMKCKT916E	DMKCPV924I	DMKCPI957I	DMKCPI968I
	DMKCKV916E	DMKLD0924I	DMKCPI958I	DMKCLK970W
	DMKCKV917E	DMKCFU925I	DMKCPI959W	DMKCPI971I
		DMKDRD925I		

DMS

CMS MESSAGE SUMMARY

DMSAMS001E	DMSZAP002E	DMSRRV004E	DMSIMA013E	DMSNCP025E
DMSARN001E	DMSLGT002I	DMSSRV004E	DMSLBT013E	DMSDSV025W
DMSARX001E	DMSLIO002I	DMSARN004W	DMSLOS013E	
DMSASM001E	DMSLOS002I	DMSLKD004W	DMSNCP013E	DMSQRS026E
DMSDLB001E	DMSGLB002W		DMSPR013E	DMSQRV026E
DMSDLK001E	DMSGND002W	DMSCMP005E	DMSPUN013E	DMSQRY026E
DMSERV001E	DMSLBT002W	DMSDLB005E	DMSTYP013E	DMSSET026E
DMSEX001E	DMSZAP002W	DMSFOR005E	DMSDSL013W	DMSSPR026E
DMSICP001E		DMSLIO005E	DMSLBM013W	DMSDSV026W
DMSIMA001E	DMSACC003E	DMSLKD005E		
DMSLBM001E	DMSAMS003E	DMSMOD005E	DMSDSK014E	DMSASN027E
DMSLBT001E	DMSARN003E	DMSQRY005E	DMSDSL014E	DMSDSV027E
DMSLIO001E	DMSARX003E	DMSTYP005E	DMSGLB014E	DMSERV027E
DMSLKD001E	DMSASM003E		DMSIMA014E	DMSFLD027E
DMSMDP001E	DMSASN003E	DMSAMS006E	DMSIMM014E	DMSTLB027E
DMSMOD001E	DMSCMP003E	DMSARN006E	DMSLBM014E	DMSTPE027E
DMSNCP001E	DMSCPY003E	DMSARX006E	DMSLBT014E	DMSDSV027W
DMSNXL001E	DMSDDL003E	DMSASM006E	DMSOVR014E	
DMSOSR001E	DMSDLB003E	DMSCMS006E	DMSPOR014E	DMSARE028E
DMSPRE001E	DMSDLK003E	DMSDDL006E	DMSQRY014E	DMSASN028E
DMSRUN001E	DMSDSL003E	DMSDLK006E	DMSSET014E	DMSFOR028E
DMSTMA001E	DMSDSV003E	DMSERV006E	DMSSPR014E	DMSDSV028W
DMSUPD001E	DMSEDI003E	DMSGEN006E	DMSTPE014E	
DMSZAP001E	DMSERS003E	DMSICP006E	DMSUTL014E	DMSASN029E
	DMSFET003E	DMSLKD006E	DMSWDF014E	DMSCMP029E
DMSACC002E	DMSFLD003E	DMSLLU006E	DMSZAP014E	DMSCPY029E
DMSAMS002E	DMSFOR003E	DMSPRV006E		DMSEDI029E
DMSARN002E	DMSGRN003E	DMSQRS006E	DMSINT015E	DMSFET029E
DMSARX002E	DMSHLP003E	DMSRRV006E		DMSFLD029E
DMSASM002E	DMSICP003E	DMSSRV006E	DMSFCH016E	DMSLBD029E
DMSCMP002E	DMSIDE003E	DMSVMF006E	DMSARN016W	DMSLIO029E
DMSCPY002E	DMSIMA003E	DMSWNM006E	DMSLKD016W	DMSNAM029E
DMSDSK002E	DMSLBD003E	DMSWNT006E		DMSPR029E
DMSDSL002E	DMSLBM003E	DMSWRC006E	DMSACC017E	DMSTPE029E
DMSERS002E	DMSLBT003E	DMSWSF006E	DMSARE017E	DMSTYP029E
DMSERV002E	DMSLDS003E		DMSFOR017E	DMSWDF029E
DMSGRN002E	DMSLIO003E	DMSAMS007E	DMSTPE017E	DMSWPK029E
DMSICP002E	DMSLLU003E	DMSARN007E		DMSWRC029E
DMSIMA002E	DMSLST003E	DMSARX007E	DMSMDP018E	DMSXIN029E
DMSLBM002E	DMSMOD003E	DMSASM007E		
DMSLBT002E	DMSMVE003E	DMSDLK007E	DMSCMP019E	DMSCPY030E
DMSLDS002E	DMSNAM003E	DMSGRN007E	DMSRNM019E	DMSRNM030E
DMSLIO002E	DMSNCP003E	DMSICP007E	DMSRRT019E	
DMSLKD002E	DMSPOP003E	DMSLKD007E		DMSSET031E
DMSLST002E	DMSPRE003E	DMSSYN007E	DMSDMP020W	
DMSMDP002E	DMSPR003E	DMSUPD007E		DMSMOD032E
DMSMOD002E	DMSPRV003E	DMSXUP007E	DMSGND021E	DMSSYN032E
DMSMVE002E	DMSPPUN003E	DMSZAP007E	DMSLIO021E	DMSUTL032E
DMSNAM002E	DMSQRY003E		DMSMOD021E	
DMSNCP002E	DMSRNM003E	DMSPR008E	DMSNCP021E	DMSPR033E
DMSOSR002E	DMSRRV003E	DMSPUN008E	DMSDSV021W	DMSPUN033E
DMSP0002E	DMSSRV003E	DMSRDC008E		DMSSVT033E
DMSPRE002E	DMSSYN003E	DMSARN008W	DMSGND022E	DMSTYP033E
DMSPR002E	DMSTMA003E	DMSLKD008W	DMSDSV022W	
DMSPUN002E	DMSTPD003E			DMSRRT034E
DMSRNM002E	DMSTPE003E	DMSCMP009E	DMSDLB023E	
DMSRUN002E	DMSTYP003E	DMSDSK009E	DMSFLD023E	DMSASN035E
DMSSLN002E	DMSUPD003E	DMSSRT009E	DMSTPE023E	DMSFLD035E
DMSSPR002E	DMSUTL003E	DMSTYP009E	DMSDSV023W	DMSVMF035E
DMSSRT002E	DMSWFL003E	DMSXMC009E		
DMSSTT002E	DMSWNT003E	DMSXMS009E	DMSCPY024E	DMS SOP036E
DMSSYN002E	DMSWPK003E	DMSXSE009E	DMSDDL024E	DMSSOP036W
DMSTPE002E	DMSWRC003E		DMSEDI024E	
DMSTYP002E	DMSWRL003E	DMSCMP010E	DMSRNM024E	DMSBOP037E
DMSUPD002E	DMSWSF003E	DMSTPE010E	DMSSTA024E	DMSCPY037E
DMSWFL002E	DMSXIN003E	DMSUPD010W	DMSUPD024E	DMSDSK037E
DMSWSF002E	DMSZAP003E		DMSUTL024E	DMSDSL037E
DMSWUP002E		DMSCMP011E	DMSWRC024E	DMSERS037E
DMSXCT002E	DMSFET004E		DMSXIN024E	DMSERV037E
DMSXGT002E	DMSLDF004E	DMSARN012W	DMSDSV024W	DMSFOR037E
DMSXIN002E	DMSLOS004E	DMSLKD012W		DMSLBM037E
DMSXUP002E	DMSPRV004E			DMSLST037E

DMSMOD037E	DMSDLB048E	DMSTPD058E	DMSIDX069E	DMSVMF070E
DMSMVE037E	DMSDSK048E	DMSTPE058E	DMSERS069E	DMSVPD070E
DMSPRV037E	DMSERS048E	DMSVMF058E	DMSFOR069E	DMSWFL070E
DMSRDC037E	DMSFOR048E		DMSGVE069E	DMSXIN070E
DMSRNM037E	DMSGRN048E	DMSACC059E	DMSLDS069E	DMSZAP070E
DMSRSV037E	DMSLDS048E		DMSLST069E	
DMSRRT037E	DMSLST048E	DMSACC060E	DMSMVE069E	DMSERS071E
DMSTPE037E	DMSMVE048E		DMSPRRT069E	
DMSUPD037E	DMSPRRT048E	DMSSET061E	DMSRNM069E	DMSEXT072E
DMSWRC037E	DMSRNM048E		DMSRSV069E	DMSLOS073E
DMSXCP037E	DMSRUN048E	DMSCMP062E	DMSRRT069E	DMSMVE073E
DMSXCT037E	DMSSET048E	DMSCPY062E	DMSSTT069E	DMSUTL073E
DMSXPT037E	DMSSTT048E	DMSDSK062E	DMSTYP069E	
DMSXSE037E	DMSTPE048E	DMSPRRT062E	DMSUPD069E	DMSARX074E
	DMSUPD048E	DMSPUN062E	DMSVGN069E	DMSASM074E
DMSARX038E	DMSWSF048E	DMSRDC062E	DMSWRC069E	
DMSASM038E	DMSXSE048E	DMSRNM062E	DMSWSF069E	DMSARX075E
DMSICP038E	DMSXSU048E	DMSRRT062E	DMSXSU069E	DMSASM075E
		DMSSTT062E	DMSTYP062E	DMSICP075E
DMSPRRT039E	DMSTYP049E	DMSTYP062E	DMSWFL062E	DMSMVE075E
DMSPUN039E		DMSWFL062E	DMSWNT062E	
DMSTYP039E	DMSASN050E	DMSWNT062E	DMSWPK062E	DMSAMS070E
DMSUTL039E	DMSDLB050E	DMSWPK062E	DMSWRC062E	DMSARE070E
	DMSFLD050E	DMSWRL062E	DMSWRF062E	DMSARX070E
DMSMOD040E	DMSNXd050E	DMSWSF062E	DMSXMS062E	DMSASM070E
	DMSSET050E	DMSXSU062E		DMSASN070E
DMSMVE041E				DMSDDL070E
	DMSRNM051E	DMSCPY063E		DMSDLB070E
DMSCPY042E		DMSRRT063E		DMSDLK070E
DMSRDC042E	DMSARX052E	DMSXMS063E		DMSDSK070E
DMSRSV042E	DMSASM052E			DMSDSL070E
DMSTPE042E	DMSOSR052E	DMSCPY064E		DMSDSV070E
DMSUTL042E				DMSERS070E
	DMSRRT053E	DMSAMS065E		DMSERV070E
DMSBOP043E	DMSXMS053E	DMSASN065E		DMSFET070E
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DMSXCP043E	DMSDSK054E	DMSFLD065E		DMSICP070E
	DMSEDI054E	DMSLBD065E		DMSIDE070E
DMSEDI044E	DMSERS054E	DMSQRY065E		DMSIMM070E
DMSPRRT044E	DMSGRN054E	DMSUPD065E		DMSLBD070E
DMSPUN044E	DMSPRRT054E	DMSUTL065E		DMSLBM070E
	DMSRDC054E	DMSXIN065E		DMSLKD070E
DMSNCP045E	DMSRNM054E			DMSLLU070E
	DMSRSV054E	DMSAMS066E		DMSLST070E
DMSDSL046E	DMSRRT054E	DMSASN066E		DMSMDP070E
DMSIMA046E	DMSSTT054E	DMSCPY066E		DMSMOD070E
DMSLBM046E	DMSTYP054E	DMSDLB066E		DMSMVE070E
DMSLBT046E	DMSUTL054E	DMSDSV066E		DMSNXd070E
	DMSWFL054E	DMSFLD066E		DMSNXL070E
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DMSDSL047E	DMSWUP054E	DMSLST066E		DMSOPT070E
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DMSGLO047E	DMSLI0055E	DMSUPD066E		DMSPOR070E
DMSIMA047E		DMSUTL066E		DMSPRRT070E
DMSIMM047E	DMSIDE056E	DMSXIN066E		DMSQRY070E
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DMSLBT047E	DMSLBT056E	DMSCPY067E		DMSRRV070E
DMSOVR047E	DMSLI0056E			DMSRNV070E
DMSPOP047E	DMSNCP056E	DMSCPY068E		DMSRNM070E
DMSPOR047E	DMSSSYN056E			DMSRUN070E
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DMSSET047E	DMSLBT056W	DMSASN069E		DMSRRT070E
DMSTPE047E		DMSBOP069E		DMSRRV070E
DMSUTL047E	DMS TMA057E	DMSBOP069E		DMSSSK070E
DMSVMF047E	DMSTPE057E	DMSBOP069E		DMSSTT070E
DMSZAP047E		DMSCPY069E		DMSTMA070E
		DMSDLB069E		DMSTPE070E
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DMSARE048E	DMSCLS058E	DMSDSK069E		
DMSCPY048E	DMSTLB058E	DMSEDI069E		

DMS

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DMSGEN095E	DMSZAP104S	DMSERS109T	DMSFOR125S	DMSABN155T
		DMSFNS109T	DMSRSV125S	
DMSTPE096E	DMSBTP105E			
DMSLIC096S	DMSDLK105S	DMSCMS110E	DMSFOR126S	DMSCPY156E
	DMSDSK105S	DMSGEN110E		DMSNAM156E
DMSPRV097E	DMSDSL105S	DMSTLB110S	DMSMVE127S	DMSWPK156E
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	DMSLBM105S	DMSTPE110S		DMSCPY157E
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DMSFET098E	DMSLIO105S	DMSVPD110S		
DMSPRV098E	DMSLLU105S		DMSMVE130S	DMSOPL158E
DMSRRV098E	DMSLST105S	DMSCMS111E		
DMSSRV098E	DMSMOD105S	DMSGEN111E	DMSINI131S	DMSFRE159T
DMSITS098S	DMSPOP105S	DMSTLB111S		
	DMSPOR105S	DMSTPE111S	DMSEDI132S	DMSDOS160S
DMSASN099E	DMSPRV105S		DMSWPK132S	DMSFRE160T
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DMSDSV099E	DMSSRV105S			DMSCVH161S
DMSERV099E	DMSSRT105S	DMSACC113S	DMSMMN133S	DMSLDF161S
DMSFET099E	DMSSRV105S	DMSAMS113S	DMSSTG133S	DMSXCP161S
DMSICP099E	DMSTMA105S	DMSASN113S		DMSFRE161T
DMSLIO099E	DMSTPD105S	DMSBOP113S	DMSITS134S	
DMSLLU099E	DMSTPE105S	DMSCIO113S		DMSFRE162T
DMSOPT099E	DMSUPD105S	DMSCLS113S	DMSITS135S	
DMSPRV099E	DMSVMF105S	DMSDBG113S		DMSFRE163T
DMSQRX099E	DMSVPD105S	DMSFCH113S	DMSAMS136S	
DMSRRV099E	DMSXCP105S	DMSFOR113S	DMSITS136T	DMSFRE164T
DMSSET099E	DMSXCT105S	DMSPIO113S		
DMSSRV099E	DMSXPT105S	DMSPRV113S	DMSTMA137S	DMSFRE165T
DMSNCP099W		DMSRRV113S	DMSXSU137S	
	DMSBTP106E	DMSSPR113S	DMSITS137T	DMSFRE166T
DMSBTB100E	DMSLBT106S	DMSSRV113S		
DMSINS100W		DMSTLB113S	DMSTMA138S	DMSLBM167S
DMSSET100W	DMSBTP107E	DMSTPE113S	DMSITS138T	DMSFRE167T
	DMSBWR107S	DMSVMF113S		
DMSBTB101E		DMSVPD113S	DMSTMA139S	DMSLIO168S
DMSCPY101S	DMSBTP108E	DMSXCP113S	DMSITS139T	
	DMSGLB108S			DMSLIO169S
DMSCPY102S		DMSMOD114E	DMSCLS140S	
	DMSBTP109E	DMSFOR114S	DMSDAS140S	DMSBWR170S
DMSCPY103S	DMSACC109S		DMSLDF140S	
	DMSAMS109S	DMSFCH115E	DMSITS140T	DMSCIT171T
DMSCMP104S	DMSBWR109S	DMSTPE115S		DMSCRD171T
DMSDLK104S	DMSCMP109S		DMSCMS141S	DMSCWR171T
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DMSDSL104S	DMSFCH109S	DMSMOD116S	DMSITP141T	DMSCPY172E
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DMSFCH104S	DMSIMM109S	DMSEDI117S	DMSSSET142S	DMSCPY173E
DMSGLO104S	DMSLBM109S	DMSPOW117S	DMSITP142T	
DMSHLP104S	DMSLIO109S	DMSVMF117S		DMSUPD174W
DMSIDE104S	DMSMOD109S	DMSXSC117S	DMSEDI143S	DMSXUP174W
DMSLBM104S	DMSNCP109S		DMSITP143T	
DMSLBT104S	DMSOVR109S	DMSDSK118S		DMSEXE175E
DMSLIO104S	DMSPRE109S	DMSPUN118S	DMSEDI144S	
DMSMOD104S	DMSQRS109S		DMSITP144T	DMSUPD176W
DMSNAM104S	DMSQRT109S	DMSDOS119S		
DMSNXL104S	DMSQRU109S	DMSSVT119S	DMSCIO145S	DMSUPD177I
DMSOVR104S	DMSQRV109S		DMSPIO145S	
DMSPOQ104S	DMSQRW109S	DMSSSBS120S	DMSSPRI145S	DMSUPD178I
DMSPRT104S	DMSQRX109S	DMSSCT120S		DMSXUP178I
DMSPUN104S	DMSQRY109S	DMSSVT120S	DMSABN148T	
DMSSLN104S	DMSSRV109S		DMSPQ148T	DMSUPD179E
DMSSRT104S	DMSSMN109S	DMSGMF121S		DMSXUP179E
DMSSYN104S	DMSSOP109S	DMSSVT121S	DMSABN149T	DMSCNP179I
DMSTPE104S	DMSSSTG109S			
DMSTYP104S	DMSTMA109S	DMSITS122S	DMSABN150W	DMSUPD180W
DMSUPD104S	DMSTPD109S			DMSXUP180W
DMSVMF104S	DMSTPE109S	DMSPRT123S	DMSABN151E	
DMSXCP104S	DMSVIB109S	DMSPUN123S		DMSUPD181E
DMSXCT104S	DMSVIP109S		DMSABN152T	

DMSUPD182W	DMSFOR214W	DMSFOR253E DMSSTT253E	DMS5PR352E	DMSTLB422E
DMSPRE183E DMSUPD183E DMSXUP183E	DMSERR215T DMSFOR216E	DMSHLP254E DMSEXE255T	DMSVGN360E DMSUPD361E DMSVGN361E	DMSTLB423I DMSTLB424E DMSTLB425R
DMSUPD184W DMSXUP184W	DMSDLB220R DMSFLD220R DMSLDS220R	DMSRSV260E DMSINI260T	DMS5SK362E DMSVGN362I	DMSTLB426R
DMSUPD185W DMSXUP185W	DMSDLB221E DMSFLD221E DMSLBD221E DMSLDS221E	DMSIMM261E DMSIMM262E DMSIMM263E DMSUPD299E	DMS5SK363E DMSVGN363I DMSVGN363R DMS5SK364E DMSVGN364I	DMSTLB427I DMSTLB428I DMSCLS429I DMSSEB429I
DMSUPD187E	DMSLDS222E			
DMSZAP190W	DMSLDS223E	DMSUPD300E	DMS5SK365E DMSVGN365I DMSVGN365R	DMSTLB430E DMSTLB431E DMSTPE431E
DMSZAP191W	DMSFLD224E	DMSDLB301E		
DMSZAP192W	DMSMVE225I	DMSBOP302E DMSDLB302E	DMSVGN366I DMSVGN366R	DMSTLB432E
DMSZAP193W	DMSLDS226E DMSMVE226I	DMSLLU303E	DMSVPD367I DMSAMS367R	DMSTLB433R
DMS5RV194S DMSZAP194W	DMSSTT227I DMSLDS227W	DMSDLB304E DMSUPD304I	DMSVPD368I DMSVPD368I DMSVGN368R	DMSTLB434E DMSTLB435R
DMSZAP195W	DMSAMS228E DMSSTT228I	DMSDLB305E		DMSTLB436I
DMS5PR196I			DMSVGN371R	
DMS5PR197S	DMSSTT229E DMSXSU229E DMSLDS229I	DMSDLB306E DMSDLB307E	DMSVGN382R	DMSTLB437I DMSSET444E
DMS5PR198E				
DMS5PR199E	DMSVIP230E DMSACC230W	DMSBOP308E DMSDLB308E	DMSVMF383R DMSVPD383R	DMSDSK445W
DMSZAP200W				
DMSLI0201W	DMSLDS231E	DMSDLB320I	DMSBOP400S DMSSET400S DMS5SK400S DMSVIB400S	DMSREX450E DMSREX451E DMSREX452E
DMSLI0202W	DMSMVE232E	DMSDLB321I		
DMSLI0203W	DMSLDS233I	DMSDLB322I	DMSBOP401S DMSLDF401S DMSSET401S DMSVIB401S	DMSREX453E DMSREX454E
DMS5PR204E	DMSPRE234E	DMSDLB323I		
	DMSPRE235E	DMSDLB324I DMSFLD324I DMSLBD324I DMSQRU324I DMSQRX324I	DMSBOP403S DMSSEG403S	DMSREX455E DMSREX456E
DMSWRL205E DMSDSK205W DMSRDC205W	DMSPRE236E			
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DMSUPD207W DMSXUP207W	DMSPRE238E	DMSDMP325W DMS5TX326E	DMSBOP410S DMSSET410S DMS5SK410S DMSVIB410S	DMSTLB421E DMSTLB421E DMSTLB421E
DMSZAP208E	DMSDLK245S DMSDSV245S DMSZAP245S	DMSDLB330R		DMSREX459E
DMSCMP209W		DMSDLB331R	DMSFCH411S DMSPRV411S DMSRRV411S DMS5RV411S DMSXCP411S	DMSREX460E DMSREX461E DMSREX462E
DMSDLK210E DMSZAP210E DMSUPD210W DMSXUP210W	DMSZAP246W DMSZAP247W	DMSSET333E DMSIMA346E		DMSREX463E
DMSCMP211E	DMSZAP248W	DMSIMA347E	DMSBOP413S DMSLDF413S	DMSREX464E
DMS5RT212E	DMSZAP249I	DMSIMA348E	DMSFLD420E DMS5MA420E DMSTPD420E	DMSREX465E
DMSDSL213W DMSLBM213W DMSLBT213W	DMSHLP250S DMSHLP251E	DMSIMA349E DMS5LN350E		DMSREX466E
	DMSHLP252E	DMS5LN351E		DMSREX467E

DMS

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DMSREX471E	DMSXMD510I DMSXSC510I	DMSXCT535E	DMSHEL561E DMSJOI561E DMSSCH561E	DMSXDS591E
DMSREX472E	DMSXSU510I	DMSXCT536E	DMSSPL561E DMSWEX561E DMSXSS561E	DMSXFD592W DMSXML592W
DMSREX473E	DMSXCG511E	DMSXCT537E		DMSXCG593E
DMSREX474E	DMSXCM512E DMSXDC512E	DMSXSE538E	DMSXGT562E	DMSXCT594E
DMSREX475E		DMSXCT539E	DMSXGT563W	DMSXMS596S DMSXP0596S
DMSREX476E	DMSPOR513E DMSXCM513E	DMSXCT540E	DMSJOI564W DMSXGT564W	DMSXUP597E
DMSREX477E	DMSXCM514E	DMSXCT541E	DMSXGT565W	DMSXUP598S
DMSREX478E	DMSXSE515E	DMSXDC542E	DMSXCT566E	DMSXUP599S
DMSREX479E	DMSXCG517I	DMSWEX543E DMSXDC543E	DMSXCT567E	DMSXSE600E
DMSRES480E	DMSXCG518E	DMSXDC544E	DMSXSE568E	DMSCPY601R
DMSREX481E	DMSXSE519E	DMSALT545E DMSDDL545E DMSHEL545E DMSMOD545E	DMSXUP570W	DMSCPY602R
DMSREX482E	DMSALT520E DMSCAN520E DMSMOD520E DMSPQU520E	DMSPOR545E DMSSCH545E DMSXCT545E DMSXDC545E DMSXMC545E DMSXSE545E	DMSXIN571I DMSXPT571I	DMSFOR603R
DMSREX483E	DMSSCH520E DMSSOR520E DMSSTA520E DMSXCG520E DMSXCT520E DMSXDC520E DMSXSE520E	DMSXDC546E	DMSXI0572E	DMSFOR605R
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DMSREX486E			DMSXDC548E DMSXSE548E	DMSINI608R
DMSREX487E			DMSXDC549E	DMSINI609R
DMSREX488E	DMSXCT521E DMSXGT521E DMSXSE521E		DMSXMC576E	DMSINI610R
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DMSREX490E	DMSXCG522I		DMSXMD573I	DMSINI612R
DMSREX491E	DMSXCT523I		DMSXDC550E DMSDSK550W	DMSINI612R
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DMSXCG498E			DMSXSU583I	DMSXIN500E
DMSWTL499E	DMSXCT527E		DMSXSU584I	DMSXIN500E
DMSXIN500E	DMSXSE528E		DMSXSU585E	DMSXIN500E
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		DMSXER556S DMSXFC557S		DMSXIN500E

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DMSQRY621E	DMSWRC644E	DMSWNM664E		DMSLIO740I
		DMSWNT665E	DMSPOQ691E	DMSZAP750I
DMSEI0622E	DMSWNM645W		DMSPOQ692I	DMSZAP751I
DMSGL0622E		DMSQWT666E	DMSPOQ693E	DMSFCH777S
DMSNAM622E	DMSPSH646E	DMSWNT666E	DMSPOQ694E	DMSVIP778E
DMSNXL622E	DMSPSW646E	DMSWSF667E	DMSXSF695E	DMSVIP779E
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	DMSWNT648E	DMSSTA671E	DMSSTA703I	DMSVIP786E
DMSNXM624I	DMSWSF648E	DMSWUP671E	DMSSTD703I	DMSDOS787E
DMSNXD624W	DMSWTL648E	DMSWRC671E	DMSFLD704I	DMSWVV788R
		DMSWSF671E	DMSLBD704I	DMSWVV789W
DMSPOR626E	DMSGL0649E	DMSWPK672E	DMSFOR705I	DMSWVV790R
DMSPOS626E	DMSWDC649E	DMSWRC672E	DMSMVE706I	DMSWVV791I
	DMSWNM649E	DMSWSF672E	DMSTPD707I	DMSWVV792R
DMSPOR627E	DMSWPK649E	DMSWPK673E	DMSMVE708I	DMSWVV793I
	DMSWRC649E		DMSPOP709E	DMSWVV794E
DMSGL0628E	DMSWRL649E	DMSWRC674E	DMSPOR709E	DMSWVV795E
	DMSWUP649E	DMSWSF674E	DMSFET710I	DMSWVV796E
DMSRDR630S		DMSWPK674E	DMSMVE711I	DMSWVV796E
DMSWPK630S	DMSWPK650E	DMSWRC674E	DMSSYN712I	DMSWVV797I
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			DMSPOP714E	DMSWVV799E
DMSGL0631E	DMSWDC651E	DMSWPK674E	DMSCMS715I	DMSWVV800E
	DMSWEX651E	DMSWRC674E	DMSGEN715I	DMSWVV801I
DMSEI0632E	DMSWFL651E	DMSWSF674E	DMSCPY721I	DMSWVV802I
	DMSWNT651E		DMSAMS722I	DMSWVV803E
DMSNAM633E	DMSWRL651E	DMSWSF675E	DMSACC723I	DMSCCK803E
DMSNAM633W		DMSWTL675E	DMSACC724I	DMSCCK804S
	DMSWDC652E		DMSACC725I	DMSCCK805S
DMSNAM634E		DMSWNT676E	DMSACC726I	DMSCCK806S
	DMSWDC653E	DMSWSF676E	DMSDBG728I	DMSCCK807S
DMSNAM635I	DMSWDF653E	DMSWTL676E	DMSFOR732I	DMSWVV808R
	DMSWNM653E		DMSFOR733I	DMSWVV809E
DMSDDL636E	DMSWNT653E	DMSWPK677E		
DMSNAM636E	DMSWPK653E	DMSWSF677E		
DMSDDL636W	DMSWRC653E			
	DMSWSF653E	DMSWSF678E		
DMSNAM637E	DMSWTL653E			
DMSWDF637E		DMSWSF679E		
DMSWFL637E	DMSWEX654E			
DMSWNT637E		DMSWFL680E		
DMSWPK637E	DMSWPK655E	DMSWSF680E		
DMSWRC637E	DMSWRC655E			
DMSWRL637E		DMSWRC681E		
DMSWSF637E	DMSWNM656E	DMSWRC682E		
DMSWTL637E				
DMSWU0637E	DMSHEL657E	DMSWRC682E		
	DMSWNM657E	DMSWPK683E		
DMSDDL638E	DMSWSF657E	DMSWPK683W		
DMSDDL639E	DMSWNM658W	DMSWPK684E		
DMSQRS639E		DMSWPK684W		
DMSQRT639E	DMSPSH659E			
DMSQRU639E	DMSPSW659E	DMSJOI685E		
DMSQRV639E	DMSPXX659E			
DMSQRW639E	DMSXPX659E	DMSPSH686E		
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	DMSWNM660E			
DMSHEL640E	DMSWNM660W	DMSWPK687E		
DMSINI640R		DMSWRC687E		
	DMSPSH661E			
DMSWDF641E	DMSPSW661E	DMSDDL688E		
	DMSPXX661E	DMSLST688E		
DMSWDF642E	DMSXPX661E	DMSNAM688E		
DMSWPK643E	DMSWNM662E	DMSLST689E		
DMSWRC643E				

DMS

DMSCPY901T
DMSUTL901T

DMSINI902T

DMSCPY903T

DMSCPY904T

DMSDI0905S

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DMSLBM907T
DMSLIO907T
DMSUTL907T

| DMSRSV908E
DMSFNS908T

| DMSRSV909E
DMSFNS909T

| DMSITE910T

| DMSIUC911E

DMSGAM951E

DMSGAM952E

DMSGAM953E

DMSGAM954E

DMSGAM955E

DMSGAM956E

DMSRUN999E

APPENDIX D. MESSAGE TEXT-TO-MESSAGE IDENTIFIER CROSS-REFERENCE

This appendix contains the first lines of all the VM/SP messages, grouped by CP, CMS, RSCS, and IPCS and organized in alphabetical order by message text. Messages beginning with special characters such as {, [, 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

```
DMKCF001E  ?CP: command
DMKIOB724I  {AP|MP} RIOBLOCKS REQUESTED IN UNIPROCESSOR DUMP
DMKCNS501I  {CON|PRT|PUN|RDR} 'addr' 'devname' INT REQ [CMD='cm' SNS='sense'
CSW='csw' USERID='userid']
DMKRSE501I  {CON|PRT|PUN|RDR} 'addr' 'devname' INT REQ [CMD='cm' SNS='sense'
CSW='csw' USERID='userid']
DMKVSP429I  {CON|PRT|PUN|RDR} vaddr SPOOL ERROR; FILE {HELD|PURGED}
DMKVST429I  {CON|PRT|PUN|RDR} vaddr SPOOL ERROR; FILE {HELD|PURGED}
DMKVSP427I  {CON|PRT|PUN} vaddr SYSTEM SPOOL SPACE FULL; FILE CLOSED
DMKVST427I  {CON|PRT|PUN} vaddr SYSTEM SPOOL SPACE FULL; FILE CLOSED
DMKCQH024E  {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKCS0024E  {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKCSP024E  {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKCSQ024E  {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKCSU024E  {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKCSV024E  {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKDEF024E  {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKSPT024E  {CYLS|BLKS|FORM NUMBER} MISSING OR INVALID
DMKDAD508I  {DASD|RDR|PRT|PUN} 'addr' 'devname' PERM ERROR CMD='cm' SNS='sense'
CSW='csw' USERID='userid' [BBCCHH='bbcchh']
DMKDAS508I  {DASD|RDR|PRT|PUN} 'addr' 'devname' PERM ERROR CMD='cm' SNS='sense'
CSW='csw' USERID='userid' [BBCCHH='bbcchh']
DMKRSE508I  {DASD|RDR|PRT|PUN} 'addr' 'devname' PERM ERROR CMD='cm' SNS='sense'
CSW='csw' USERID='userid' [BBCCHH='bbcchh']
DMKDAS504D  {DASD|TAPE} 'addr' 'devname' DATA CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh']
DMKTAP504D  {DASD|TAPE} 'addr' 'devname' DATA CK CMD='cm' SNS='sense' CSW='csw'
DMKDAD513I  {DASD|TAPE} 'addr' 'devname' FILE PROT CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']}
DMKDAS513I  {DASD|TAPE} 'addr' 'devname' FILE PROT CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']}
DMKDAS505D  {DASD|TAPE} 'addr' 'devname' ERRUN CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']}
DMKTAP505D  {DASD|TAPE} 'addr' 'devname' ERRUN CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh'|BLOCK='nnnnnn']}
DMKDAD518I  {DASD|TAPE} 'addr' 'devname' RECV ERROR CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh']
DMKDAS518I  {DASD|TAPE} 'addr' 'devname' RECV ERROR CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh']
DMKTAP518I  {DASD|TAPE} 'addr' 'devname' RECV ERROR CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [BBCCHH='bbcchh']
DMKCFP046E  {DEV rid|type raddr} OFFLINE
DMKCFU046E  {DEV rid|type raddr} OFFLINE
DMKCFY046E  {DEV rid|type raddr} OFFLINE
DMKCPT046E  {DEV rid|type raddr} OFFLINE
DMKCPV046E  {DEV rid|type raddr} OFFLINE
DMKCSB046E  {DEV rid|type raddr} OFFLINE
DMKCS0046E  {DEV rid|type raddr} OFFLINE
DMKDEI046E  {DEV rid|type raddr} OFFLINE
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DMK

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DMKMCC046E {DEV rid|type raddr} OFFLINE
DMKNEA046E {DEV rid|type raddr} OFFLINE
DMKNES046E {DEV rid|type raddr} OFFLINE
DMKNET046E {DEV rid|type raddr} OFFLINE
DMKNLD046E {DEV rid|type raddr} OFFLINE
DMKNLE046E {DEV rid|type raddr} OFFLINE
DMKSPT046E {DEV rid|type raddr} OFFLINE
DMKVDD046E {DEV rid|type raddr} OFFLINE
DMKVDE046E {DEV rid|type raddr} OFFLINE
```

```
DMKCFG175E {FAVORED|RESERVE|NETWORK TRACE|name} ALREADY IN USE BY userid
DMKCF0175E {FAVORED|RESERVE|NETWORK TRACE|name} ALREADY IN USE BY userid
DMKCF5175E {FAVORED|RESERVE|NETWORK TRACE|name} ALREADY IN USE BY userid
```

```
DMKGRF525I {GRAF|RDR|PRT|PUN} 'addr' 'devname' FORMAT CK CMD='cm' SNS='sense'
CSW='csw' USERID='userid'
DMKRSE525I {GRAF|RDR|PRT|PUN} 'addr' 'devname' FORMAT CK CMD='cm' SNS='sense'
CSW='csw' USERID='userid'
DMKGRF529I {GRAF|RDR|PRT|PUN} 'addr' 'devname' PARITY CK CMD='cm' SNS='sense'
CSW='csw' USERID='userid'
DMKRSE529I {GRAF|RDR|PRT|PUN} 'addr' 'devname' PARITY CK CMD='cm' SNS='sense'
CSW='csw' USERID='userid'
```

```
DMKMCI618I {INSTRUCTION RETRY|MAIN STORAGE} NOW IN {RECORD|QUIET} MODE cpuid
```

```
DMKCNS454I {LINE addr|DEV rid} DISABLED
DMKRG4454I {LINE addr|DEV rid} DISABLED
DMKRNH454I {LINE addr|DEV rid} DISABLED
DMKBSC527I {LINE|CONS} 'addr' 'devname' LOST DATA CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKCNS527I {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'
DMKCNS528I {LINE|CONS} 'addr' 'devname' TIMEOUT CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKBSC517I {LINE|TAPE} 'addr' 'devname' /KNOWN CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKDAD517I {LINE|TAPE} 'addr' 'devname' /KNOWN CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKTAP517I {LINE|TAPE} 'addr' 'devname' /KNOWN CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
```

```
DMKTTY152E {PFCOPY|PFTAB} NOT AVAILABLE
```

```
DMKRSP428E {PRT|PUN|RDR|TAPE} raddr SPOOL ERROR; FILE {HELD|PURGED}
DMKSPS428E {PRT|PUN|RDR|TAPE} raddr SPOOL ERROR; FILE {HELD|PURGED}
DMKNEA122E {PRT rid|type raddr} ALREADY ATTACHED TO userid
DMKVDE122E {PRT rid|type raddr} ALREADY ATTACHED TO userid
DMKNEA120E {PRT rid|type raddr} NOT ATTACHED; userid vaddr ALREADY DEFINED
DMSVDE120E {PRT rid|type raddr} NOT ATTACHED; userid vaddr ALREADY DEFINED
DMKNEA121E {PRT rid|type raddr} NOT ATTACHED TO userid
DMKVDD121E {PRT rid|type raddr} NOT ATTACHED TO userid
DMKVDE121E {PRT rid|type raddr} NOT ATTACHED TO userid
```

```
DMKRSE503A {RDR|PRT|PUN} 'addr' 'devname' EQUIP CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKRSE520A {RDR|PRT|PUN} 'addr' 'devname' PERM ERROR CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKRSE504A {RDR|PRT} 'addr' 'devname' DATA CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKRSP426E {RDR|TAPE} raddr SPOOL SPACE FULL; FILE PURGED
DMKSPS426E {RDR|TAPE} raddr SPOOL SPACE FULL; FILE PURGED
```

```
DMKPEQ047E A SAVED TRACESET DOES NOT EXIST
DMKCFY189E AFFINITY NOT SET; SYSTEM IN UNIPROCESSOR MODE
DMKLOG189E 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
DMKCPI959W ATTACHED PROCESSOR NOT ONLINE
DMKCPI958I ATTACHED PROCESSOR NOT OPERATIONAL
DMKALG059E AUTOLOG FAILED FOR userid- {IPL MISSING|IPL FAILED|ACCOUNTING ERROR}
DMKALG115E AUTOLOG INVALID; EXCESSIVE INCORRECT PASSWORDS
```

DMKCSB031E BUFFER MISSING OR INVALID [modifier]
DMKCSB043E BUFFER name DOES NOT EXIST

DMKLOH206E 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
DMKCCH601I CHANNEL CONTROL CHECK DEV xxx; USER 'userid'
DMKCPT601E CHANNEL CONTROL CHECK DEV xxx; USER 'userid'
DMKACR603W CHANNEL ERROR
DMKCCH603W CHANNEL ERROR
DMKVCH034E CHANNEL MISSING OR INVALID
DMKVDE034E CHANNEL MISSING OR INVALID
DMKCPP623I CHANNEL SET CONNECTED TO PROCESSOR nn
DMKMCT623I 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
DMKCS0245E CHARS MISSING OR INVALID
DMKCS245E CHARS MISSING OR INVALID
DMKCSU245E CHARS MISSING OR INVALID
DMKCK5919E CHECKPOINT AREA INVALID; CHECKPOINTING TERMINATED
DMKWRN919E CHECKPOINT AREA INVALID; CHECKPOINTING TERMINATED
DMKCKV917E CHECKPOINT AREA INVALID; CLEAR STORAGE AND COLD START
DMKCQG028E CLASS MISSING OR INVALID
DMKCQR028E CLASS MISSING OR INVALID
DMKCSB028E CLASS MISSING OR INVALID
DMKCS0028E CLASS MISSING OR INVALID
DMKCS028E CLASS MISSING OR INVALID
DMKCSV028E CLASS MISSING OR INVALID
DMKSPS028E CLASS MISSING OR INVALID
DMKHET157E CLUSTER= PARM MISSING FROM DEVICE MACRO - DEV raddr
DMKLOG067E COMMAND FORMAT NOT VALID
DMKCFU199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
DMKCPV199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
DMKDIA199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
DMKLNK199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
DMKMCC199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
DMKNES199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
DMKHET199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
DMKNLD199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
DMKNLE199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
DMKSPT199E COMMAND REJECTED; DEVICE raddr PENDING OFFLINE
DMKVDE199E 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
DMKCFG013E CONFLICTING OPTION - option
DMKCFU013E CONFLICTING OPTION - option
DMKCQH013E CONFLICTING OPTION - option
DMKCSB013E CONFLICTING OPTION - option
DMKCS0013E CONFLICTING OPTION - option
DMKCSQ013E CONFLICTING OPTION - option
DMKCSU013E CONFLICTING OPTION - option
DMKCSV013E CONFLICTING OPTION - option
DMKTRA013E CONFLICTING OPTION - option
DMKTRP013E CONFLICTING OPTION - option
DMKVMD013E 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
DMKPAH415E CONTINUOUS PAGING ERRORS FROM DASD xxx
DMKDDR702E CONTROL STATEMENT SEQUENCE ERROR
DMKCS0030E COPIES MISSING OR INVALID
DMKCS030E COPIES MISSING OR INVALID
DMKCSU030E COPIES MISSING OR INVALID

DMK

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DMKCP1185E CP ASSIST LEVEL xx NOT SUPPORTED - CP ASSIST DISABLED
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
DMKCP1962I CP OWNED DASD cuu VOLID volid INVALID ALLOCATION RECORD
DMKVDE962I CP OWNED DASD cuu VOLID volid INVALID ALLOCATION RECORD
DMKCP1913I CP OWNED VOLID xxxxxx INVALID FOR 3330V
DMKDMP913I CP OWNED VOLID xxxxxx INVALID FOR 3330V
DMKCP1951I 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 cuu COMMUNICATIONS SCANNER FAILURE
DMKQCP466I CTLR cuu IN BUFFER SLOWDOWN MODE
DMKQCP466I CTLR cuu IN BUFFER SLOWDOWN MODE
DMKNLD470E CTLR raddr {LOAD|DUMP} FAILED: PAGING I/O ERROR
DMKNLE470E CTLR raddr {LOAD|DUMP} FAILED: PAGING I/O ERROR
DMKNLD460E CTLR raddr {LOAD|DUMP} FAILED: PROGRAM CHECK
DMKNLE460E CTLR raddr {LOAD|DUMP} FAILED: PROGRAM CHECK
DMKNLE469E CTLR raddr {LOAD|DUMP} FAILED: TEMP SPACE NOT AVAILABLE
DMKNLE464I CTLR raddr CC=3; DEPRESS 370X "LOAD" BUTTON
DMKRNH464I 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
DMKCKP536I cuu 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc;
NOTIFY CE
DMKDAD536I cuu 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc;
NOTIFY CE
DMKDAS536I cuu 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc;
NOTIFY CE
DMKDAU536I cuu 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc;
NOTIFY CE
DMKDDR536I cuu 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc;
NOTIFY CE
DMKDIR536I cuu 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc;
NOTIFY CE
DMKDMP536I cuu 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc;
NOTIFY CE
DMKFMT536I cuu 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc;
NOTIFY CE
DMKSAV536I cuu 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc;
NOTIFY CE
DMKSSP536I cuu 'devname' REPORTS DISABLED INTERFACE; FAULT CODE = cccc;
NOTIFY CE
DMKDAS514D DASD 'addr' 'devname' ADDMRK CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid' BBCCHH='bbcchh'
DMKDAU534I DASD 'addr' 'devname' BKSIZ EX CMD='cm' SNS='sense' CSW='csw'
USERID='userid' BLOCK='nnnnnn'
DMKDAU533I DASD 'addr' 'devname' CHECK DATA CMD='cm' SNS='sense' CSW='csw'
USERID='userid' BLOCK='nnnnnn'
DMKDAS517E DASD 'addr' 'devname' NOT/KNOWN CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [{BBCCHH='bbcchh'|BLOCK='nnnnnn'}]
DMKDAS507D DASD 'addr' 'devname' SEEK CK CMD='cm' SNS='sense' CSW='csw'
USEID='userid' BBCCHH='bbcchh'
DMKDAD506I DASD 'addr' 'devname' TRKCOND CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid' BBCCHH='bbcchh'
DMKDAS506I DASD 'addr' 'devname' TRKCOND CK CMD='cm' SNS='sense' CSW='csw'
USERID='userid' BBCCHH='bbcchh'
DMKDAS509I DASD 'addr' 'devname' TRKOVERUN CMD='cm' SNS='sense' CSW='csw'
USERID='userid' BBCCHH='bbcchh'
DMKDAU535I DASD 'addr' 'devname' WRT INHIBT CMD='cm' SNS='sense' CSW='csw'

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USERID='userid' BLOCK='nnnnn'
DMKVDE151I DASD addr NOT ATTACHED, BUSY PERSISTS, IOBSTAT=xx, IOBCSW+4=yyyy
DMKDAD956A DASD cuu VOLID valid NOT MOUNTED; NOW OFFLINE
DMKDas956A DASD cuu VOLID valid NOT MOUNTED; NOW OFFLINE
DMKDSB956A DASD cuu VOLID valid NOT MOUNTED; NOW OFFLINE
DMKDEI279E DASD NOT VUA
DMKCPT123E DASD raddr CP OWNED
DMKVDD123E DASD raddr CP OWNED
DMKVDE123E DASD raddr CP OWNED
DMKVDE128E DASD raddr ERROR READING ALLOCATION RECORD
DMKVDE126E DASD raddr ERROR READING VOLID
DMKCP0124E DASD raddr IN USE BY nnn USERS
DMKCPT124E DASD raddr IN USE BY nnn USERS
DMKVDD124E DASD raddr IN USE BY nnn USERS
DMKVDE124E 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 SYSRES NOT READY
DMKSAV350W DASD raddr SYSRES VOLID NOT aaaaaa
DMKVDE125E DASD raddr VOLID valid ALREADY ATTACHED TO SYSTEM
DMKVDE127E DASD raddr VOLID valid DOES NOT MATCH
DMKCP1954E DASD raddr VOLID valid 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}
DMKDEF091E DASD vaddr NOT DEFINED; TEMP SPACE NOT AVAILABLE
DMKLOG091E 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 valid1 TO BE RESTORED TO valid2. DO YOU WISH TO
CONTINUE? RESPOND YES NO OR REREAD:
DMKMID310E DATE date INVALID; NOT CHANGED
DMKVDD273E DETACH REJ VIRTUAL MACHINE TRACING I/O
DMKDEF136E DEV {vaddr|raddr} NOT {DEFINED|VARIED}; CHAN xx DEDICATED
DMKDEF136E DEV {vaddr|raddr} NOT {DEFINED|VARIED}; CHAN xx DEDICATED
DMKCFD040E DEV addr DOES NOT EXIST
DMKCFG040E DEV addr DOES NOT EXIST
DMKCFU040E DEV addr DOES NOT EXIST
DMKCPB040E DEV addr DOES NOT EXIST
DMKCPT040E DEV addr DOES NOT EXIST
DMKCPV040E DEV addr DOES NOT EXIST
DMKCQG040E DEV addr DOES NOT EXIST
DMKCQP040E DEV addr DOES NOT EXIST
DMKCQQ040E DEV addr DOES NOT EXIST
DMKCSB040E DEV addr DOES NOT EXIST
DMKCSO040E DEV addr DOES NOT EXIST
DMKCSQ040E DEV addr DOES NOT EXIST
DMKCST040E DEV addr DOES NOT EXIST
DMKDEF040E DEV addr DOES NOT EXIST
DMKDIB040E DEV addr DOES NOT EXIST
DMKMCC040E DEV addr DOES NOT EXIST
DMKMCD040E DEV addr DOES NOT EXIST
DMKNEA040E DEV addr DOES NOT EXIST
DMKNES040E DEV addr DOES NOT EXIST
DMKNET040E DEV addr DOES NOT EXIST
DMKNLD040E DEV addr DOES NOT EXIST
DMKNLE040E DEV addr DOES NOT EXIST
DMKSPT040E DEV addr DOES NOT EXIST
DMKVDD040E DEV addr DOES NOT EXIST
DMKVDE040E DEV addr DOES NOT EXIST
DMKDDR710A DEV cuu INTERVENTION REQUIRED
DMKFMT738A DEV cuu INTERVENTION REQUIRED
DMKDDR704E DEV cuu NOT OPERATIONAL
DMKDIR754E DEV cuu NOT OPERATIONAL
DMKFMT730E DEV cuu NOT OPERATIONAL OR NOT READY
DMKCPT154E DEV raddr VARY FAILED, VARY IN PROCESS
DMKDIA098E DEV rid MODE SWITCH NOT POSSIBLE
DMKNES098E DEV rid MODE SWITCH NOT POSSIBLE
DMKNET098E 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
DMKDEF095E DEV vaddr NOT DEFINED; INSUFFICIENT FREE STORAGE
DMKLOG095E DEV vaddr NOT DEFINED; INSUFFICIENT FREE STORAGE

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DMK

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DMKDEF092E DEV vaddr NOT DEFINED; type vaddr ALREADY DEFINED
DMKLOG092E DEV vaddr NOT DEFINED; type vaddr ALREADY DEFINED
DMKFMT741E DEVICE cuu IS zzzz NOT xxxx-nn AS SPECIFIED. RESPECIFY OR
NOTIFY SYSTEM SUPPORT
DMKDEI075E DEVICE 'raddr' IS NOT AVAILABLE
DMKSSS075E DEVICE 'raddr' IS NOT AVAILABLE
DMKCPT136E DEVICE {vaddr|raddr} NOT {DEFINED|VARIED}; CHANNEL XX DEDICATED
DMKDEF136E DEVICE {vaddr|raddr} NOT {DEFINED|VARIED}; CHANNEL XX DEDICATED
DMKDEF153E DEVICE {vaddr|RNG} 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
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 addr PRESENTED cc3 ON I/O REQUEST
DMKCSV035E DEVICE TYPE MISSING OR INVALID
DMKDIA707A DIAL FUNCTION NOT AVAILABLE
DMKDIR762E DIRECTORY STATEMENT MISSING
DMKCPJ967I DISCONNECT userid - SYSTEM RESTARTED (mmnnnn) AND SYSTEM CONSOLE NOT VM
OPERATOR CONSOLE
DMKCSQ032E DIST CODE MISSING OR INVALID
DMKCSU032E 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
DMKCKT916E ERROR ALLOCATING SPOOL FILE BUFFERS
DMKCKV916E ERROR ALLOCATING SPOOL FILE BUFFERS
DMKCFY052E ERROR IN CP DIRECTORY
DMKLNK052E ERROR IN CP DIRECTORY
DMKLOG052E ERROR IN CP DIRECTORY
DMKDDR720E ERROR IN routine
DMKDIR764E ERROR IN routine
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 CPREP.
DMKIOF550E ERROR RECORDING AREA 90 PERCENT FULL; RUN CPREP
DMKNMT254E ERROR SAVING imag3800 - RC = (rc)
DMKIOH560W ERRORS ON SRF cuu: FRAMES NOT ON ERROR CYLINDERS

DMKCPI923I FAILING STORAGE FRAME AT LOCATION raddr
DMKCPV923I FAILING STORAGE FRAME AT LOCATION raddr
DMKLD0923I FAILING STORAGE FRAME AT LOCATION raddr
DMKFMT735E FATAL DASD I/O ERROR
DMKSAV352W FATAL DASD I/O ERROR
DMKUDR475I FATAL I/O ERROR TRYING TO READ DIRECTORY
DMKRND852I FATAL I/O ERROR WRITING DUMP
DMKCS0246E FCB MISSING OR INVALID
DMKCSP246E FCB MISSING OR INVALID
DMKCSU246E FCB MISSING OR INVALID
DMKFMT739E FLAGGED PRIMARY TRACK HAS NO ALTERNATE ASSIGNED; IO ERROR FOLLOWS
DMKDDR727E FLAGGED TRK xxxxxxxxxx HAS NO PROPER ALTERNATE; SKIPPING THIS TRK
DMKCS0243E FLASH MISSING OR INVALID
DMKCSP243E FLASH MISSING OR INVALID
DMKCSU243E FLASH MISSING OR INVALID
DMKCSQ029E FNAME FTYPE MISSING OR INVALID
DMKCSU029E 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' CSW='csw'
USERID='userid'
DMKGRF532I GRAF 'addr' 'devname' OP CHECK CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKGRF530I GRAF 'addr' 'devname' UNIT SPEC CMD='cm' SNS='sense' CSW='csw'

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|          USERID='userid'

DMKCDB160E  HEXLOC hexloc EXCEEDS STORAGE
DMKCDM160E  HEXLOC hexloc EXCEEDS STORAGE
DMKCDS160E  HEXLOC hexloc EXCEEDS STORAGE
DMKCFD160E  HEXLOC hexloc EXCEEDS STORAGE
DMKCPV160E  HEXLOC hexloc EXCEEDS STORAGE
DMKNES160E  HEXLOC hexloc EXCEEDS STORAGE
DMKNET160E  HEXLOC hexloc EXCEEDS STORAGE
DMKVMD160E  HEXLOC hexloc EXCEEDS STORAGE
DMKCDS164E  HEXLOC hexloc NON-ADDRESSABLE STORAGE
DMKCFD164E  HEXLOC hexloc NON-ADDRESSABLE STORAGE
DMKCFP164E  HEXLOC hexloc NON-ADDRESSABLE STORAGE
DMKCDM033E  HEXLOC MISSING OR INVALID
DMKCDS033E  HEXLOC MISSING OR INVALID
DMKCPV033E  HEXLOC MISSING OR INVALID
DMKNET033E  HEXLOC MISSING OR INVALID
DMKVMD033E  HEXLOC MISSING OR INVALID

DMKVER575I  I/O ERROR ADD=raddr, USERID= userid
DMKFMT736E  I/O ERROR cuu {CCHHR=cchhr|BLOCK=nnnnnn} SENSE='sense'
DMKDIR755E  I/O ERROR cuu CSW='csw' SENSE='sense'
DMKDDR705E  I/O ERROR cuu CSW='csw' SENSE='sense' INPUT='bbcchh' OUTPUT={'bbcchh'|
'nnnnnn'} CCW='ccw'

| DMKAC0425E  I/O ERROR ON SPOOL DEVICE DURING ACCOUNTING
DMKCF5086E  I/O ERROR ON DASD
DMKTRR302E  I/O ERROR ON 00C - xxxxxxxxxxxx
DMKRG4705I  I/O ERROR RESID=resource id STATUS=status LINE=addr
DMKCS0244E  IMAGE LIBRARY MISSING OR INVALID
DMKCSB036E  INDEX MISSING OR INVALID
DMKCP1966I  INITIALIZATION COMPLETE
DMKDDR724E  INPUT TAPE CONTAINS A CP NUCLEUS DUMP
DMKDDR700E  INPUT UNIT IS NOT A CPVOL
DMKCP1131E  INSUFFICIENT FREE STORAGE AVAILABLE FOR {ATTACH|LOGON} REQUEST
DMKLOG131E  INSUFFICIENT FREE STORAGE AVAILABLE FOR {ATTACH|LOGON} REQUEST
DMKVDE131E  INSUFFICIENT FREE STORAGE AVAILABLE FOR ATTACH REQUEST
DMKDIA017E  INSUFFICIENT SCREEN SPACE - CLEAR SCREEN AND REDIAL
DMKCP1955W  INSUFFICIENT STORAGE FOR VM/SP
DMKNMT256E  INSUFFICIENT VIRTUAL STORAGE
DMKCCH602I  INTERFACE CONTROL CHECK DEV xxx; USER 'userid'
DMKCP1602E  INTERFACE CONTROL CHECK DEV xxx; USER 'userid'
DMKCFP546I  INTERRUPTION {CLEARED|PENDING} {DEVICE|CONTROL UNIT} cuu CSW
csw USERID userid
DMKCFQ546I  INTERRUPTION {CLEARED|PENDING} {DEVICE|CONTROL UNIT} cuu CSW
csw USERID userid
DMKDID546I  INTERRUPTION {CLEARED|PENDING} {DEVICE|CONTROL UNIT} cuu CSW
csw USERID userid
DMKCFH436E  INTERRUPT PENDING. TO PROCEED, TYPE YES. TO END, TYPE NO.
DMKCF5006E  INVALID DEVICE TYPE - addr
DMKCF006E  INVALID DEVICE TYPE - addr
| DMKCFU006E  INVALID DEVICE TYPE - addr
DMKCPB006E  INVALID DEVICE TYPE - addr
DMKCPV006E  INVALID DEVICE TYPE - addr
| DMKCCQ006E  INVALID DEVICE TYPE - addr
DMKCSB006E  INVALID DEVICE TYPE - addr
DMKCS0006E  INVALID DEVICE TYPE - addr
| DMKCSQ006E  INVALID DEVICE TYPE - addr
DMKCS006E  INVALID DEVICE TYPE - addr
| DMKCSV006E  INVALID DEVICE TYPE - addr
DMKDIB006E  INVALID DEVICE TYPE = addr
DMKMCC006E  INVALID DEVICE TYPE - addr
DMKNEA006E  INVALID DEVICE TYPE - addr
DMKNES006E  INVALID DEVICE TYPE - addr
DMKNET006E  INVALID DEVICE TYPE - addr
DMKNLD006E  INVALID DEVICE TYPE - addr
DMKNLE006E  INVALID DEVICE TYPE - addr
DMKSPT006E  INVALID DEVICE TYPE - addr
DMKVDD006E  INVALID DEVICE TYPE - addr
DMKVDE006E  INVALID DEVICE TYPE - addr
DMKDIA011E  INVALID DEVICE TYPE - userid vaddr
DMKDIB011E  INVALID DEVICE TYPE - userid vaddr
DMKCDS162E  INVALID ECR x - hexdata
DMKCDS162W  INVALID ECR x - hexdata
DMKDDR719E  INVALID FILE NAME OR FILE NOT FOUND

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DMK

DMKDIR763E INVALID FILENAME OR FILE NOT FOUND
DMKCD5005E INVALID HEXDATA - hexdata
DMKCPB005E INVALID HEXDATA - hexdata
DMKTRP005E INVALID HEXDATA - hexdata
DMKTRR005E INVALID HEXDATA - hexdata
DMKCDB004E INVALID HEXLOC - hexloc
DMKCDM004E INVALID HEXLOC - operand
DMKCD5004E INVALID HEXLOC - operand
DMKCFD004E INVALID HEXLOC - operand
DMKCFJ004E INVALID HEXLOC - operand
DMKCFJ004E INVALID HEXLOC - operand
DMKCPV004E INVALID HEXLOC - operand
DMKNES004E INVALID HEXLOC - operand
DMKNET004E INVALID HEXLOC - operand
DMKDDR708E INVALID INPUT OR OUTPUT DEFINITION
DMKMNI225E INVALID MONITOR USERID SPECIFIED, MON NOT ENABLED
DMKFMT737E INVALID OPERAND
DMKCFC002E INVALID OPERAND - operand
DMKCFG002E INVALID OPERAND - operand
DMKCFJ002E INVALID OPERAND - operand
DMKCFI002E INVALID OPERAND - operand
DMKCFW002E INVALID OPERAND - operand
DMKQCS002E INVALID OPERAND - operand
DMKDDR701E INVALID OPERAND - operand
DMKDIR751E INVALID OPERAND - operand
DMKMCC002E INVALID OPERAND - operand
DMKMCD002E INVALID OPERAND - operand
DMKMNI002E INVALID OPERAND - operand
DMKNEA002E INVALID OPERAND - operand
DMKNES002E INVALID OPERAND - operand
DMKNET002E INVALID OPERAND - operand
DMKNLD002E INVALID OPERAND - operand
DMKPEI002E INVALID OPERAND - operand
DMKPEN002E INVALID OPERAND - operand
DMKSPT002E INVALID OPERAND - operand
DMKTHI002E INVALID OPERAND - operand
DMKTRA002E INVALID OPERAND - operand
DMKTRP002E INVALID OPERAND - operand
DMKTRR002E INVALID OPERAND - operand
DMKCDB003E INVALID OPTION - option
DMKCDM003E INVALID OPTION - option
DMKCFG003E INVALID OPTION - option
DMKCFJ003E INVALID OPTION - option
DMKCFI003E INVALID OPTION - option
DMKCFQ003E INVALID OPTION - option
DMKCFU003E INVALID OPTION - option
DMKCFY003E INVALID OPTION - option
DMKCPT003E INVALID OPTION - option
DMKCPV003E INVALID OPTION - option
DMKCCP003E INVALID OPTION - option
DMKCCR003E INVALID OPTION - option
DMKCS003E INVALID OPTION - option
DMKCSB003E INVALID OPTION - option
DMKCSQ003E INVALID OPTION - option
DMKCSQ003E INVALID OPTION - option
DMKCSV003E INVALID OPTION - option
DMKDEF003E INVALID OPTION - option
DMKLOG003E INVALID OPTION - option
DMKMCC003E INVALID OPTION - option
DMKMCI003E INVALID OPTION - option
DMKMSG003E INVALID OPTION - option
DMKNET003E INVALID OPTION - option
DMKNLE003E INVALID OPTION - option
DMKPEI003E INVALID OPTION - option
DMKPEN003E INVALID OPTION - option
DMKPEQ003E INVALID OPTION - option
DMKPET003E INVALID OPTION - option
DMKSPT003E INVALID OPTION - option
DMKTHI003E INVALID OPTION - option
DMKTRA003E INVALID OPTION - option
DMKUS0003E INVALID OPTION - option
DMKVDE003E INVALID OPTION - option
DMKCPV204E INVALID PAGE(S) SPECIFIED, V=R AREA

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DMKRND863E INVALID PARAMETER _ parameter
DMKCD012E INVALID PSW - psw
DMKCPB012E INVALID PSW - psw
DMKCD009E INVALID RANGE - range
DMKCDM009E INVALID RANGE - range
DMKCPV009E INVALID RANGE - range
DMKDEI009E INVALID RANGE - range
DMKNES009E INVALID RANGE - range
DMKNET009E INVALID RANGE - range
DMKVM009E INVALID RANGE - range
DMKCD010E INVALID REGISTER - register
DMKCD010E INVALID REGISTER - register
DMKPEI010E INVALID REGISTER - register
DMKVDA077E INVALID REQUEST FOR DEVICE 'nnn'
DMKCSV008E INVALID SPOOLID - spoolid
DMKSPT008E INVALID SPOOLID - spoolid
DMKTRR008E INVALID SPOOLID - spoolid
DMKCPV007E INVALID USERID - userid
DMKCS007E INVALID USERID - userid
DMKCSU007E INVALID USERID - userid
DMKVM1233E IPL OVERLAY ERROR
DMKVM1234E IPL SENSE ERROR
DMKVM1230E IPL SIO ERROR
DMKVM1231E IPL TIO ERROR
DMKVM1232E 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
DMKRG4455I LINE 'addr' NOT OPERATIONAL; text
DMKCPT049E LINE addr IN USE
DMKNES049E LINE addr IN USE
DMKNET049E 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 bbcch IS A FLAGGED TRACK

DMKMCH615I MACHINE CHECK RECORDING FAILURE cpuid
DMKDDR707E MACHINE CHECK
DMKDIR757E MACHINE CHECK
DMKFM732E MACHINE CHECK
DMKMCT621I MACHINE CHECK; AFFINITY SET OFF
DMKMCT620I MACHINE CHECK; ATTACHED PROCESSOR NOT BEING USED
DMKMCH617I MACHINE CHECK; BUFFER OR DLAT DAMAGE cpuid
DMKMCH614I MACHINE CHECK; DAMAGED PAGE NOW DELETED cpuid
DMKMCH624I MACHINE CHECK; EXTERNAL DAMAGE
DMKACR622W MACHINE CHECK; MULTIPLE CHANNEL ERRORS
DMKMCH622W MACHINE CHECK; MULTIPLE CHANNEL ERRORS
DMKMCH619I MACHINE CHECK; OPERATION TERMINATED cpuid
DMKMCT619I MACHINE CHECK; OPERATION TERMINATED cpuid
DMKMCH610W MACHINE CHECK; SUPERVISOR DAMAGE cpuid
DMKMCT610W MACHINE CHECK; SUPERVISOR DAMAGE cpuid
DMKMCH611W MACHINE CHECK; SYSTEM INTEGRITY LOST cpuid
DMKMCT611W MACHINE CHECK; SYSTEM INTEGRITY LOST cpuid
DMKMCH612W MACHINE CHECK TIMING FACILITIES DAMAGE
DMKMCT612W MACHINE CHECK TIMING FACILITIES DAMAGE
DMKMCH616I MACHINE CHECK; USER userid TERMINATED cpuid
DMKMCT616I MACHINE CHECK; USER userid TERMINATED cpuid
DMKPEL311E MAXIMUM NUMBER OF TRACE ELEMENTS EXCEEDED
DMKPEN311E MAXIMUM NUMBER OF TRACE ELEMENTS EXCEEDED
DMKSS074E MISSING INTERRUPT - DEVICE 'raddr'
DMKCFU547E MISSING INTERRUPTION MONITORING NOT AVAILABLE
DMKCS253E MODIFY MISSING OR INVALID
DMKCSU253E 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

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DMK

DMKMCC221E MONITOR TO SPOOL IS ALREADY ACTIVE
 | DMKCF5082E 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 cuu
 DMKDDR726E MOVING DATA INTO THE ALTERNATE TRACK CYLINDER(S) IS PROHIBITED
 DMKSS5088I MSS MOUNT PROCEEDING FOR VOLUME 'valid'
 DMKCPU812E MSSF RESPONSE CODE TO VARY CP {ON|OFF} IS nnnn

DMKCPI952I nnnnnK SYSTEM STORAGE
 | DMKCFY190I NO AFFINITY SPECIFIED IN DIRECTORY
 DMKCRND853I NO DUMP FILES EXIST
 | DMKCF5080E NO PREALLOCATED VMSAVE AREA
 DMKCFV080E NO PREALLOCATED VMSAVE AREA
 DMKLOG080E 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 NO WARMSTART, PREVIOUS DATA STILL VALID
 DMKCS0441E NOT ACCEPTED. PREVIOUS BACKSPACE STILL BEING PROCESSED
 DMKDIR760E NOT ENOUGH SPACE ALLOCATED FOR DIRECTORY
 DMKDDR712E NUMBER OF EXTENTS EXCEEDS 20

DMKTRP309E OPERAND IGNORED SELECT TABLE FULL
 DMKDDR703E OPERAND MISSING
 DMKDIR753E OPERAND MISSING
 DMKCDB026E OPERAND MISSING OR INVALID
 DMKCD5026E OPERAND MISSING OR INVALID
 DMKCFD026E OPERAND MISSING OR INVALID
 DMKCFG026E OPERAND MISSING OR INVALID
 DMKCFH026E OPERAND MISSING OR INVALID
 DMKCFJ026E OPERAND MISSING OR INVALID
 DMKCF0026E OPERAND MISSING OR INVALID
 DMKCF5026E OPERAND MISSING OR INVALID
 DMKCF7026E OPERAND MISSING OR INVALID
 DMKCFU026E OPERAND MISSING OR INVALID
 DMKCFW026E OPERAND MISSING OR INVALID
 | DMKCFY026E OPERAND MISSING OR INVALID
 DMKCPB026E OPERAND MISSING OR INVALID
 DMKCPT026E OPERAND MISSING OR INVALID
 DMKCPV026E OPERAND MISSING OR INVALID
 DMKCQR026E OPERAND MISSING OR INVALID
 DMKCQY026E OPERAND MISSING OR INVALID
 DMKCSB026E OPERAND MISSING OR INVALID
 DMKCS026E OPERAND MISSING OR INVALID
 DMKCST026E OPERAND MISSING OR INVALID
 | DMKCSV026E OPERAND MISSING OR INVALID
 | DMKDEF026E OPERAND MISSING OR INVALID
 | DMKDEG026E OPERAND MISSING OR INVALID
 DMKDEI026E OPERAND MISSING OR INVALID
 DMKMCC026E OPERAND MISSING OR INVALID
 DMKMCD026E OPERAND MISSING OR INVALID
 DMKMCI026E OPERAND MISSING OR INVALID
 DMKNEA026E OPERAND MISSING OR INVALID
 DMKNES026E OPERAND MISSING OR INVALID
 DMKNET026E OPERAND MISSING OR INVALID
 DMKNLD026E OPERAND MISSING OR INVALID
 | DMKPEI026E OPERAND MISSING OR INVALID
 | MDKPEN026E OPERAND MISSING OR INVALID
 DMKSPM026E OPERAND MISSING OR INVALID
 DMKSPT026E OPERAND MISSING OR INVALID
 DMKTHI026E OPERAND MISSING OR INVALID
 DMKTRP026E OPERAND MISSING OR INVALID
 DMKTRR026E OPERAND MISSING OR INVALID
 DMKCPI950A OPERATOR NOT LOGGED ON; EXPLICIT LOGON REQUIRED
 DMKDDR725R ORIGINAL INPUT DEVICE WAS (IS) LARGER THAN OUTPUT DEVICE. DO YOU
 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

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DMKFMT740E  PACK MOUNTED IS 3340-35, NOT 3340-70. MOUNT ANOTHER OR RESPECIFY
DMKCPV165I  PAGE hexloc NOT LOCKED; SHARED PAGE
DMKCRND864I PAGE REFERENCED NOT AVAILABLE WHILE EDITING xxxxxxxx
DMKPER174E  PAGING ERROR - {I/O|ADDRESS EXCEPTION}: {COMMAND
            TERMINATED, IPL FAILED}
DMKCFH435E  PAGING ERROR WRITING SAVED SYSTEM
DMKCFP435E  PAGING ERROR WRITING SAVED SYSTEM
DMKSNC435E  PAGING ERROR WRITING SAVED SYSTEM
DMKCFG174E  PAGING I/O ERROR; IPL FAILED
DMKDDR038E  PARAMETER parameter FOR option OPTION MISSING OR INVALID
DMKVMD038E  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
DMKCKS915E  PERMANENT I/O ERROR ON CHECKPOINT AREA
DMKCKV915E  PERMANENT I/O ERROR ON CHECKPOINT AREA
DMKW915E    PERMANENT I/O ERROR ON CHECKPOINT AREA
DMKCP1964I  PROC xx INITIALIZED; PROC yy INITIALIZED
DMKVDA039E  PROCESSOR ADDRESS MISSING OR INVALID
DMKVDE039E  PROCESSOR ADDRESS MISSING OR INVALID
DMKCPU191E  PROCESSOR nn DOES NOT EXIST
DMKCPU194I  PROCESSOR nn OFFLINE
DMKCPU193I  PROCESSOR nn ONLINE
DMKDDR756E  PROGRAM CHECK PSW = psw
DMKDIR756E  PROGRAM CHECK PSW = psw
DMKFMT756E  PROGRAM CHECK PSW = psw
DMKRSE242E  PRT cuu (3800) INTERVENTION RECQD, STATUS CODE cc
DMKRSE524I  PRT cuu devname 'devname' LOAD CHECK CMD='cm' SNS='sense'
            CSW='csw' USERID='userid'
DMKRSE540I  PRT cuu 'devname' MAINT REQ CMD='cm' SNS='sense'
            CSW='csw' USERID='userid'
DMKRSP239I  PRT cuu DRAINED. POSSIBLE FCB-FORMS MISMATCH
DMKRSE240E  PRT cuu, FCB-FORMS MISMATCH, FILEID nnnn {HELD|PURGED}
DMKTCS240E  PRT cuu, FCB-FORMS MISMATCH, FILEID nnnn {HELD|PURGED}
DMKRSE252I  PRT cuu, FILE nnnn REQUEUED AND HELD
DMKRSE241E  PRT cuu, INVALID LOAD MODULE mmmm SPECIFIED, FILE nnnn {HELD|PURGED}
DMKTCS241E  PRT cuu, INVALID LOAD MODULE mmmm SPECIFIED, FILE nnnn {HELD|PURGED}
DMKRSE255I  PRT cuu, PAGE BUFFER DESTROYED, BACKUP PAGE COUNT = nnnn
DMKNEA208E  PRT rid NOT ENABLED
DMKTCT270E  PRT xxx, TOO MANY WCGM'S NEEDED FOR 'CHARS', FILE nnnn HELD PURGED
DMKAC0425A  PUN cuu ACCOUNTING DATA; FATAL I/O ERROR

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
DMKCFD021E  RADDR MISSING OR INVALID
DMKCFU021E  RADDR MISSING OR INVALID
DMKCP021E  RADDR MISSING OR INVALID
DMKCPU021E  RADDR MISSING OR INVALID
DMKCPV021E  RADDR MISSING OR INVALID
DMKCCQ021E  RADDR MISSING OR INVALID
DMKCSB021E  RADDR MISSING OR INVALID
DMKCS0021E  RADDR MISSING OR INVALID
DMKDEI021E  RADDR MISSING OR INVALID
DMKMCC021E  RADDR MISSING OR INVALID
DMKMCD021E  RADDR MISSING OR INVALID
DMKNES021E  RADDR MISSING OR INVALID
DMKNET021E  RADDR MISSING OR INVALID
DMKNLD021E  RADDR MISSING OR INVALID
DMKNLE021E  RADDR MISSING OR INVALID
DMKSPT021E  RADDR MISSING OR INVALID
DMKVDD021E  RADDR MISSING OR INVALID raddr
DMKVDE021E  RADDR MISSING OR INVALID raddr
DMKDEI276E  raddr NOT 3330V
DMKRSE505A  RDR 'addr' 'devname' OVERRUN CK CMD='cm' SNS='sense' CSW='csw'

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DMK

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USERID='userid'
DMKCST424E RDR FILE SPOOL ERROR; FILE UNCHANGED
DMKRSP434A RDR raddr FATAL I/O ERROR; FILE PURGED
DMKRSP431A RDR raddr ID CARD MISSING OR INVALID
DMKRSP432A RDR raddr ID CARD; 'userid' NOT IN CP DIRECTORY
DMKRSP433A RDR raddr ID CARD; INVALID DATA - 'data'
DMKDDR714E RECORD {bbcchh|nnnnnn} NOT FOUND ON TAPE
DMKDDR721E RECORD {cchhr|nnnnnn} NOT FOUND
DMKDDR721E RECORD cchhr NOT FOUND
DMKTRR301E REQUESTED FILE IS NOT A CPTRAP FILE
DMKNMT257E RESIDUAL BYTE COUNT = nnnnnnnn (HEX)

DMKCFH300E SAVE REQUEST BEYOND VIRTUAL MACHINE SIZE
DMKCPI963I SECOND PROCESSOR NOT ONLINE
DMKUS0197E 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
DMKCDS161E SHARED PAGE hexloc ALTERED by userid
DMKVMA161E SHARED PAGE hexloc ALTERED BY userid
DMKATS181E SHARED SYSTEM name REPLACED WITH NON-SHARED COPY
DMKSPM808I SINGLE PROCESSOR MODE ACTIVE
DMKSPM805E SINGLE PROCESSOR MODE OFF REJECTED
DMKSPM804E SINGLE PROCESSOR MODE ON REJECTED
DMKDEG259E SIZE PARAMETER MISSING OR INVALID
DMKMCH613I SOFT MACHINE CHECK RECORDING DISABLED cpuid
DMKNMT248E SPECIFIED IMAGE imag NON-EXISTENT
DMKCF0188E SPECIFIED PROCESSOR UNAVAILABLE
DMKCFY188E SPECIFIED PROCESSOR UNAVAILABLE
DMKLOG188E SPECIFIED PROCESSOR UNAVAILABLE
DMKVCH188E SPECIFIED PROCESSOR UNAVAILABLE
DMKCKT438I SPOOL FILE ID LIMIT EXCEEDED
DMKCCG027E SPOOLID MISSING OR INVALID
DMKCST027E SPOOLID MISSING OR INVALID
DMKCSV027E SPOOLID MISSING OR INVALID
DMKTRR027E SPOOLID MISSING OR INVALID
DMKCCG042E SPOOLID nnnn DOES NOT EXIST
DMKCST042E SPOOLID nnnn DOES NOT EXIST
DMKCSV042E SPOOLID nnnn DOES NOT EXIST
DMKTRR042E SPOOLID nnnn DOES NOT EXIST
DMKIOH559W SRF cuu 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 vvvvK
DMKDEG094E STORAGE EXCEEDS ALLOWED MAXIMUM
DMKDEF025E STORAGE MISSING OR INVALID
DMKDEG025E STORAGE MISSING OR INVALID
DMKCDS163E STORE EXCEEDS MAXIMUM REGISTER
DMKMCC216E SYSPROF CLASS IS DEPENDENT ON SCHEDULE AND DASTAP
DMKSAV353W SYSRES DEVICE TYPE INVALID
DMKCKS400I SYSTEM {TEMP SPACE|CHECKPOINT AREA} FULL
DMKPGT400I SYSTEM {TEMP SPACE|CHECKPOINT AREA} FULL
DMKWNR400I SYSTEM {TEMP SPACE|CHECKPOINT AREA} FULL
DMKCKT401I SYSTEM {TEMP SPACE|CHECKPOINT AREA} 90 PERCENT FULL
DMKCKV401I SYSTEM {TEMP SPACE|CHECKPOINT AREA} 90 PERCENT FULL
DMKPGT401I SYSTEM {TEMP SPACE|CHECKPOINT AREA} 90 PERCENT FULL
DMKCFU925I SYSTEM AUTO DUMP REALLOCATED TO DASD raddr
DMKDRD925I 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
DMKCFG172E SYSTEM name DASD vaddr INCOMPATIBLE SYSRES
DMKCFH172E SYSTEM name DASD vaddr INCOMPATIBLE SYSRES
DMKCFG044E SYSTEM name DOES NOT EXIST
DMKCFH044E SYSTEM name DOES NOT EXIST
DMKCFV044E SYSTEM name DOES NOT EXIST
DMKNLD044E SYSTEM name DOES NOT EXIST
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DMKSNC044E SYSTEM name DOES NOT EXIST
DMKSNC178E SYSTEM name EXCEEDS AVAILABLE DASD SPACE
DMKCFG170E SYSTEM name EXCEEDS STORAGE
DMKCFH170E SYSTEM name EXCEEDS STORAGE
DMKCFH170E SYSTEM name EXCEEDS STORAGE
DMKCNLD170E SYSTEM name EXCEEDS STORAGE
DMKCFG173E SYSTEM name REQUIRES DASD vaddr
DMKCFH173E SYSTEM name REQUIRES DASD vaddr
DMKCFG179E SYSTEM name VOLID valid NOT CP OWNED
DMKCFH179E SYSTEM name VOLID valid NOT CP OWNED
DMKCFP179E SYSTEM name VOLID valid NOT CP OWNED
DMKCFH179E SYSTEM name VOLID valid NOT CP OWNED
DMKSNC179E SYSTEM name VOLID valid NOT CP OWNED
DMKCFG171E SYSTEM name VOLID valid NOT MOUNTED
DMKCFH171E SYSTEM name VOLID valid NOT MOUNTED
DMKCFH171E SYSTEM name VOLID valid NOT MOUNTED
DMKCNLD171E SYSTEM name VOLID valid NOT MOUNTED
DMKSNC171E 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'}
DMKCKT912W SYSTEM RECOVERY FAILURE; VOLID 'valid' NOT MOUNTED
DMKCKV912W SYSTEM RECOVERY FAILURE; VOLID 'valid' NOT MOUNTED
DMKWARM912W SYSTEM RECOVERY FAILURE; VOLID 'valid' NOT MOUNTED
DMKCKP910W SYSTEM RECOVERY FAILURE; INVALID WARM START AREA
DMKCKP911W SYSTEM RECOVERY FAILURE; WARM START AREA FULL
DMKCKP961W SYSTEM SHUTDOWN COMPLETE
DMKCPI961W SYSTEM SHUTDOWN COMPLETE
DMKCKP960I SYSTEM WARM START DATA SAVED

DMKCST016E TAG INVALID FOR SPECIFIED FILE TYPE
DMKTAP539I TAPE 'addr' 'devname' BOT FAIL 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'
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'
DMKTAP512I TAPE 'addr' 'devname' LOAD POINT CMD='cm' SNS='sense' CSW='csw'
USERID='userid'
DMKTAP519I TAPE 'addr' 'devname' PE BURST 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
DMKPEN047E THE TRACESET traceset DOES NOT EXIST
DMKPEQ047E THE TRACESET traceset DOES NOT EXIST
DMKVDA076E THE 'valid' PARAMETER IS INVALID
DMKMCD222E TIME PARAMETER SPECIFIES INVALID TIME
DMKCFH187E TIMER ASSIST NOT AVAILABLE
DMKCFY187E TIMER ASSIST NOT AVAILABLE
DMKCLK970W TOD CLOCK SYNC CHECK RECEIVED
DMKTRAI80W TRACE NOT IN EFFECT
DMKCPI914I TRACE TABLE IS SMALLER THAN REQUESTED
DMKTRR305I TRAPRED SELECTIVITY RESET
DMKBSC516I type 'addr' 'devname' BAD SENSE CMD='cm' SNS='sense' CSW='csw'
USERID='userid' [{BBCCHH='bbcchh'|BLOCK='nnnnn'}]
DMKDAD516I type 'addr' 'devname' BAD SENSE CMD='cm' SNS='sense' CSW='csw'

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DMKDAS501A USERID='userid' {BBCCHH='bbcchh'|BLOCK='nnnnnn'}]
type 'addr' 'devname' INT REQ [CMD='cm' SNS='sense' CSW='csw'
DMKRSE501A USERID='userid' {BBCCHH='bbcchh'|BLOCK='nnnnnn'}]
type 'addr' 'devname' INT REQ [CMD='cm' SNS='sense' CSW='csw'
DMKTAP501A USERID='userid' {BBCCHH='bbcchh'|BLOCK='nnnnnn'}]
type 'addr' 'devname' INT REQ [CMD='cm' SNS='sense' CSW='csw'
DMKGRF521I USERID='userid' {BBCCHH='bbcchh'|BLOCK='nnnnnn'}]
type 'addr' 'devname' NO DEVICE CMD='cm' SNS='sense' CSW='csw'
DMKRSE521I USERID='userid'
type 'addr' 'devname' NO DEVICE CMD='cm' SNS='sense' CSW='csw'
DMKTAP521I USERID='userid'
type 'addr' 'devname' NO DEVICE CMD='cm' SNS='sense' CSW='csw'
DMKBSC505I USERID='userid' {BBCCHH='bbcchh'|BLOCK='nnnnnn'}]
type 'addr' 'devname' OVERRUN CK CMD='cm' SNS='sense' CSW='csw'
DMKCNS505I USERID='userid' {BBCCHH='bbcchh'|BLOCK='nnnnnn'}]
type 'addr' 'devname' OVERRUN CK CMD='cm' SNS='sense' CSW='csw'
DMKDAD505I USERID='userid' {BBCCHH='bbcchh'|BLOCK='nnnnnn'}]
type 'addr' 'devname' OVERRUN CK CMD='cm' SNS='sense' CSW='csw'
DMKDAS505I USERID='userid' {BBCCHH='bbcchh'|BLOCK='nnnnnn'}]
type 'addr' 'devname' OVERRUN CK CMD='cm' SNS='sense' CSW='csw'
DMKDAD538I USERID='userid' {BBCCHH='bbcchh'|BLOCK='nnnnnn'}]
type 'addr' 'devname' PROG ERROR CMD='CM' SNS='sense' CSW='csw'
DMKFMT734E USERID='userid'
TYPE OR {CYL|PAG} INVALID
DMKCFU140E type raddr ATTACHED TO userid
DMKCP1140E type raddr ATTACHED TO userid
DMKCPT140E type raddr ATTACHED TO userid
DMKCPV140E type raddr ATTACHED TO userid
DMKCSB140E type raddr ATTACHED TO userid
DMKCSO140E type raddr ATTACHED TO userid
DMKMCC140E type raddr ATTACHED TO userid
DMKNES140E type raddr ATTACHED TO userid
DMKNET140E type raddr ATTACHED TO userid
DMKNLD140E type raddr ATTACHED TO userid
DMKNLE140E type raddr ATTACHED TO userid
DMKSPT140E type raddr ATTACHED TO userid
DMKVDA140E type raddr ATTACHED TO userid
DMKVDD140E type raddr ATTACHED TO userid
DMKCSB148E type raddr BUFFER LOAD name FAILED
DMKCP0049E type raddr IN USE
DMKCFU143E type raddr IN USE BY SYSTEM
DMKCP0143E type raddr IN USE BY SYSTEM
DMKCPT143E type raddr IN USE BY SYSTEM
DMKDEI143E type raddr IN USE BY SYSTEM
DMKMCC143E type raddr IN USE BY SYSTEM
DMKNLD143E type raddr IN USE BY SYSTEM
DMKNLE143E type raddr IN USE BY SYSTEM
DMKSPT143E type raddr IN USE BY SYSTEM
DMKVDD143E type raddr IN USE BY SYSTEM
DMKVDE143E type raddr IN USE BY SYSTEM
DMKCSO141E type raddr NOT ACTIVE
DMKCP0142E type raddr NOT DRAINED
DMKCPT142E type raddr NOT DRAINED
DMKCSB142E type raddr NOT DRAINED
DMKVDD142E type raddr NOT DRAINED
DMKVDE142E type raddr NOT DRAINED
DMKVDA135E TYPE vaddr NOT DETACHED; CHAN x DEDICATED
DMKVDD135E TYPE vaddr NOT DETACHED; CHAN x DEDICATED
DMKVDE134E TYPE vaddr NOT ATTACHED; CHAN x DEDICATED
DMKCP5144W type vaddr RESET BY userid

DMKCSB158I UCS IMAGE NAME MISMATCH. IMAGE NAME LOADED IS xxxx
DMKCFU953I UNABLE TO ALLOCATE SYSTEM AUTO DUMP
DMKCP1953I UNABLE TO ALLOCATE SYSTEM AUTO DUMP
DMKRND850I UNABLE TO READ DUMP FROM READER
DMKIOG558I UNRECOVERABLE I/O ERROR; ERROR RECORDING DISABLED
DMKCP1229I USER OF MONITOR DOES NOT EXIST
DMKQCN150A USER userid HAS ISSUED A {CP|VM} READ
DMKCF0020E USERID MISSING OR INVALID
DMKCPV020E USERID MISSING OR INVALID
DMKCCQ020E USERID MISSING OR INVALID
DMKCP020E USERID MISSING OR INVALID
DMKCR020E USERID MISSING OR INVALID
DMKCY020E USERID MISSING OR INVALID

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DMK

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DMKCSP020E USERID MISSING OR INVALID
DMKCSU020E USERID MISSING OR INVALID
DMKDIA020E USERID MISSING OR INVALID
DMKDIB020E USERID MISSING OR INVALID
DMKLNK020E USERID MISSING OR INVALID
DMKLOG020E USERID MISSING OR INVALID
DMKMSG020E USERID MISSING OR INVALID
DMKNEA020E USERID MISSING OR INVALID
DMKQVM020E USERID MISSING OR INVALID
DMKSND020E USERID MISSING OR INVALID
DMKTRP020E USERID MISSING OR INVALID
DMKUSO020E USERID MISSING OR INVALID
DMKVDD020E USERID MISSING OR INVALID
DMKVDE020E USERID MISSING OR INVALID
DMKVM020E USERID MISSING OR INVALID
DMKCFY053E userid NOT IN CP DIRECTORY
DMKCSF053E userid NOT IN CP DIRECTORY
DMKCSU053E userid NOT IN CP DIRECTORY
DMKLNK053E userid NOT IN CP DIRECTORY
DMKLOG053E userid NOT IN CP DIRECTORY
DMKVM053E userid NOT IN CP DIRECTORY
DMKCF0045E userid NOT LOGGED ON
DMKCFY045E userid NOT LOGGED ON
DMKCPV045E userid NOT LOGGED ON
DMKCQG045E userid NOT LOGGED ON
DMKCQQ045E userid NOT LOGGED ON
DMKCQR045E userid NOT LOGGED ON
DMKCQY045E userid NOT LOGGED ON
DMKDIA045E userid NOT LOGGED ON
DMKDIB045E userid NOT LOGGED ON
DMKMSG045E userid NOT LOGGED ON
DMKSND045E userid NOT LOGGED ON
DMKTHI045E userid NOT LOGGED ON
DMKTRP045E userid NOT LOGGED ON
DMKUSO045E userid NOT LOGGED ON
DMKVDD045E userid NOT LOGGED ON
DMKVDE045E userid NOT LOGGED ON
DMKMSG057W userid NOT RECEIVING; {DISCONNECTED|MSG OFF|MSG TOO LONG|SMSG OFF| DISC|
NO CONSOLE|NOT AUTHORIZED|WNG OFF}
DMKJRL145I USERID: userid AT term-raddr WITH INVALID {LINK|LOGON}
PASSWORD NO. xxx (pswd) HAS VIOLATED THE LIMIT OF yyy [,A=userid]
DMKLNK117E USERID userid NOT LINKED; VOLID valid CONFLICT
DMKDIA047E userid vaddr DOES NOT EXIST
DMKDIB047E 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 valid NOT MOUNTED
DMKLNK116E USERID xxx NOT LINKED; CP DIRECTORY IN USE

DMKCFG203E V=R AREA REQUIRES IPL BY DEVICE ADDRESS
DMKCPV203E V=R AREA REQUIRES IPL BY DEVICE ADDRESS
DMKCFD022E VADDR MISSING OR INVALID
DMKCFG022E VADDR MISSING OR INVALID
DMKCPB022E VADDR MISSING OR INVALID
DMKCQG022E VADDR MISSING OR INVALID
DMKCQQ022E VADDR MISSING OR INVALID
DMKCSB022E VADDR MISSING OR INVALID
DMKCSQ022E VADDR MISSING OR INVALID
DMKCST022E VADDR MISSING OR INVALID
DMKDEF022E VADDR MISSING OR INVALID
DMKDIA022E VADDR MISSING OR INVALID
DMKDIB022E VADDR MISSING OR INVALID
DMKLNK022E VADDR MISSING OR INVALID
DMKVDD022E VADDR MISSING OR INVALID vaddr

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DMKVDE022E  VADDR MISSING OR INVALID vaddr
DMKVMIO22E  VADDR MISSING OR INVALID vaddr
DMKCPT192E  VARY PROCESSOR COMMAND FAILED
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}
DMKBLD202E  VIRT=REAL AREA NOT AVAILABLE; INSUFFICIENT STORAGE
DMKCPV202E  VIRT=REAL AREA NOT AVAILABLE; INSUFFICIENT STORAGE
| DMKPET061E  VIRTUAL PRINTER ERROR
DMKCF5183E  VM ASSIST NOT ACTIVE
| DMKCFY183E  VM ASSIST NOT ACTIVE
DMKCF5184E  VM ASSIST NOT AVAILABLE
| DMKCFY184E  VM ASSIST NOT AVAILABLE
DMKCF0184E  VM ASSIST NOT AVAILABLE [ON PROCESSOR proc addr]
DMKVMD146I  VMDUMP FAILED, SPOOLING ERROR
| DMKCF5081W  VMSAVE AREA CONTAINS A SAVED SYSTEM, MUST USE SET COMMAND
DMKLOG081W  VMSAVE AREA CONTAINS A SAVED SYSTEM, MUST USE SET COMMAND
DMKCFG083E  VMSAVE AREA DOES NOT CONTAIN A VALID SAVED SYSTEM
| DMKCP023E  VOLID MISSING OR INVALID
| DMSCQ023E  VOLID MISSING OR INVALID
DMKVDE023E  VOLID MISSING OR INVALID
DMKFMT733E  VOLID READ IS volid1 NOT volid2
DMKDIR761E  VOLID READ IS volid1 NOT volid2 (ON cuu)
DMKDDR711R  VOLID READ IS volid2 [NOT volid1] DO YOU WISH TO CONTINUE? RESPOND
                YES NO OR REREAD:

DMKDDR709E  WRONG INPUT TAPE MOUNTED

DMKCPI924I  xxx ADDITIONAL FAILING STORAGE FRAMES EXIST
DMKCPV924I  xxx ADDITIONAL FAILING STORAGE FRAMES EXIST
| DMKLD0924I  xxx ADDITIONAL FAILING STORAGE FRAMES EXIST

DMKTRR303E  00C READER FILE NOT LOCATABLE

DMKCF0255W  370E FEATURE NOW DISABLED
DMKCF5251E  370E IS NOT ACTIVE
DMKLOG251E  370E IS NOT ACTIVE
DMKCF0250E  370E IS NOT AVAILABLE (ON PROC xx)
DMKCF5250E  370E IS NOT AVAILABLE (ON PROC xx)
DMKLOG250E  370E IS NOT AVAILABLE (ON PROC xx)
DMKNMT247I  3800 NAMED SYSTEM imag3800 CREATED

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DMS

CMS MESSAGE SUMMARY

DMSUPD184W '/ S' NOT FIRST CARD IN UPDATE FILE -- IGNORED
DMSXUP184W '/ S' NOT FIRST CARD IN UPDATE FILE -- IGNORED

DMSWNT668E 'ADD' OPTION MUST BE SPECIFIED ALONE
DMSWFL651E 'APPEND' MUST BE ISSUED FROM RDRLIST OR FILELIST
DMSWRL651E 'APPEND' MUST BE ISSUED FROM RDRLIST OR FILELIST

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 'cuu mode' RELEASED
DMSACC059E 'cuu' ALREADY ACCESSED AS READ/WRITE 'mode' DISK
DMSFOR114S 'cuu' 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

DMSWEX651E 'EXECUTE' MUST BE ISSUED FOR environment(s)

DMSDDL638E 'file' IS TOO WIDE TO APPEND TO 'fn ft'
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

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
DMSVGN367I 'module name TEXT' WRITTEN ON DISK 'A'
DMSVPD367I 'module name TEST' WRITTEN ON DISK 'A'

DMSNXD616W '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 (cuu)' BLOCK COUNT ERROR FOR 'filename' ENTER 'IGNORE' OR 'CANCEL'
 DMSCLS429I 'TAPn (cuu)' EOT ON OUTPUT
 DMSSEB429I 'TAPn (cuu)' EOT ON OUTPUT
 DMSTLB427I 'TAPn (cuu)' EOVI LABEL READ
 DMSTLB428I 'TAPn (cuu)' EOVI LABEL WRITTEN
 DMSTLB421E 'TAPn (cuu)' HDRI LABEL MISSING FOR 'filename'
 DMSTLB434E 'TAPn (cuu)' INPUT LABEL CHECK ERROR FOR FILE 'filename'
 DMSTLB430E 'TAPn (cuu)' LABELDEF INFORMATION MISSING FOR FILE 'filename'
 DMSTLB436I 'TAPn (cuu)' MISSING USER STANDARD LABEL FOR 'ddname'
 DMSTLB424E 'TAPn (cuu)' NOT POSITIONED AT EOF1 LABEL
 DMSTLB437I 'TAPn (cuu)' NSL ROUTINE RETURNED AN ERROR CODE 'nnnnnn' FOR 'filename'
 DMSTLB423I 'TAPn (cuu)' POSITIONED PARAMETER IGNORED. OUTPUT FILE WILL BE WRITTEN
 IMMEDIATELY AFTER NEW VOL1 LABEL
 DMSTLB422E 'TAPn (cuu)' POSITIONED WRONG FOR 'filename'
 DMSTLB426R 'TAPn (cuu)' UNEXPIRED FILE ENTER 'IGNORE' OR 'ERROR'
 DMSTLB432E 'TAPn (cuu)' VOLID valid DOES NOT MATCH LABELDEF VOLID FOR 'filename'
 DMSTLB431E 'TAPn (cuu)' VOL1 LABEL MISSING
 DMSTPE431E 'TAPn (cuu)' VOL1 LABEL MISSING
 DMSBOP043E 'TAPn(cuu)' IS FILE PROTECTED
 DMSCLS043E 'TAPn(cuu)' IS FILE PROTECTED
 DMSTLB043E 'TAPn(cuu)' IS FILE PROTECTED
 DMSTPE043E 'TAPn(cuu)' IS FILE PROTECTED
 DMSXCP043E 'TAPn(cuu)' IS FILE PROTECTED
 DMSDDL688E '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

DMSWNT651E {'CANCEL'|'ADD'} MUST BE ISSUED FROM NOTE

DMSCLS140S {'function'|FEVD|SEOV|FEOV}{MACRO|FUNCTION(S)} MACRO NOT SUPPORTED
 DMSDAS140S {'function'|FEVD|SEOV|FEOV}{MACRO|FUNCTION(S)} MACRO NOT SUPPORTED
 DMSLDF140S {'function'|FEVD|SEOV|FEOV}{MACRO|FUNCTION(S)} MACRO NOT SUPPORTED
 IN CMS/DOS

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

DMSTPE115S {CONVERSION|{7|9}-TRACK|{800|6250} BPI|TRANSLATION|DUAL-DENSITY} FEATURE
 NOT SUPPORTED ON DEVICE 'cuu'
 DMSBTP109E {CPU|PRINTER|PUNCH} LIMIT EXCEEDED

DMSWSF679E {DISK 'mode' IS READ/ONLY|DISK 'mode' IS FULL|DISK 'mode' IS NOT
 ACCESSED}. NOTE CANNOT BE SENT

DMSWNM664E {ENTRY|PREVIOUS ENTRY|NEXT ENTRY} NOT FOUND

DMSBS120S {IN|OUT} PUT ERROR CODE 'nn' ON 'ddname'
 DMSVT120S {IN|OUT}PUT ERROR 'code' ON 'ddname'
 DMSST120S {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'
 DMSACC002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND
 DMSAMS002E [INPUT|OVERLAY] {FILE[(S)]|DATA SET} ['fn [ft [fm]]'] NOT FOUND

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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
DMSIMA002E [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
DMSLIQ002E [INPUT OVERLAY] {FILE(S)} DATA SET} ['fn [ft [fm]]'} NOT FOUND
DMSLKD002E [INPUT OVERLAY] {FILE(S)} DATA SET} ['fn [ft [fm]]'} NOT FOUND
DMSLST002E [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
DMSNAM002E [INPUT OVERLAY] {FILE(S)} DATA SET} ['fn [ft [fm]]'} NOT FOUND
DMSNCP002E [INPUT OVERLAY] {FILE(S)} DATA SET} ['fn [ft [fm]]'} NOT FOUND
DMSPOQ002E [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
DMSPT002E [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
DMSSSL002E [INPUT OVERLAY] {FILE(S)} DATA SET} ['fn [ft [fm]]'} NOT FOUND
DMSSPR002E [INPUT OVERLAY] {FILE(S)} DATA SET} ['fn [ft [fm]]'} NOT FOUND
DMSST002E [INPUT OVERLAY] {FILE(S)} DATA SET} ['fn [ft [fm]]'} NOT FOUND
DMSSTT002E [INPUT OVERLAY] {FILE(S)} DATA SET} ['fn [ft [fm]]'} NOT FOUND
DMSSTY002E [INPUT OVERLAY] {FILE(S)} DATA SET} ['fn [ft [fm]]'} NOT FOUND
DMSSTZ002E [INPUT OVERLAY] {FILE(S)} DATA SET} ['fn [ft [fm]]'} NOT FOUND
DMSSTP002E [INPUT OVERLAY] {FILE(S)} DATA SET} ['fn [ft [fm]]'} NOT FOUND
DMSSTY002E [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} (cuu) NOT
ATTACHED
DMSAMS113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (cuu) NOT
ATTACHED
DMSASN113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (cuu) NOT
ATTACHED
DMSBOP113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (cuu) NOT
ATTACHED
DMSCIO113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (cuu) NOT
ATTACHED
DMSCLS113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (cuu) NOT
ATTACHED
DMSDBG113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (cuu) NOT
ATTACHED
DMSFCH113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (cuu) NOT
ATTACHED
DMSFOR113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (cuu) NOT
ATTACHED
DMSPIO113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (cuu) NOT
ATTACHED
DMSPRV113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (cuu) NOT
ATTACHED
DMSRRV113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPIN|TAPOUT} (cuu) NOT
ATTACHED

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ATTACHED
DMSspr113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPin|TAPOUT} (cuu) NOT
ATTACHED
DMSsrV113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPin|TAPOUT} (cuu) NOT
ATTACHED
DMStLB113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPin|TAPOUT} (cuu) NOT
ATTACHED
DMStPE113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPin|TAPOUT} (cuu) NOT
ATTACHED
DMSVMF113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPin|TAPOUT} (cuu) NOT
ATTACHED
DMSVPD113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPin|TAPOUT} (cuu) NOT
ATTACHED
DMSXCP113S {mode|DEVICE|DISK|PRINTER|PUNCH|READER|TAPn|TAPin|TAPOUT} (cuu) NOT
ATTACHED
DMSFCH623S {MODULE|PHASE} CANNOT BE LOADED AT LOCATION 'location' AS THIS AREA IS
AVAILABLE FOR SYSTEM USE ONLY
DMSFET623S {MODULE|PHASE} CANNOT BE LOADED AT LOCATION 'location' AS THIS AREA IS
AVAILABLE FOR SYSTEM USE ONLY
DMSLI0623S {MODULE|PHASE} CANNOT BE LOADED AT LOCATION 'location' AS THIS AREA IS
AVAILABLE FOR SYSTEM USE ONLY

| 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}
DMSFLD069I [OUTPUT] DISK 'mode' NOT ACCESSED
DMSBOP037E [OUTPUT] DISK 'mode [cuu]' IS READ/ONLY
DMSCPY037E [OUTPUT] DISK 'mode [cuu]' IS READ/ONLY
DMSDSK037E [OUTPUT] DISK 'mode [cuu]' IS READ/ONLY
DMSDSL037E [OUTPUT] DISK 'mode [cuu]' IS READ/ONLY
DMSERS037E [OUTPUT] DISK 'mode [cuu]' IS READ/ONLY
DMSERV037E [OUTPUT] DISK 'mode [cuu]' IS READ/ONLY
DMSFOR037E [OUTPUT] DISK 'mode [cuu]' IS READ/ONLY
DMSLBM037E [OUTPUT] DISK 'mode [cuu]' IS READ/ONLY
DMSLSL037E [OUTPUT] DISK 'mode [cuu]' IS READ/ONLY
DMSMOD037E [OUTPUT] DISK 'mode [cuu]' IS READ/ONLY
DMSMVE037E [OUTPUT] DISK 'mode [cuu]' IS READ/ONLY
DMSPRV037E [OUTPUT] DISK 'mode [cuu]' IS READ/ONLY
DMSRDC037E [OUTPUT] DISK 'mode [cuu]' IS READ/ONLY
DMSRNM037E [OUTPUT] DISK 'mode [cuu]' IS READ/ONLY
DMSRRT037E [OUTPUT] DISK 'mode [cuu]' IS READ/ONLY
DMStPE037E [OUTPUT] DISK 'mode [cuu]' IS READ/ONLY
DMSXCP037E [OUTPUT] DISK 'mode [cuu]' IS READ/ONLY
DMSRSV037E [OUTPUT] DISK 'mode [cuu]' IS READ/ONLY. {'A' MUST BE R/W FOR
'DISK LOAD'}
DMSWRC037E [OUTPUT] DISK 'mode [cuu]' 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}

| DMSXMC576E {TOTAL VERIFY EXCEEDS SCREEN SIZE (nn)|TOTAL OFFSET EXCEEDS LRECL (nn)}.
DMSINT015E {UNKNOWN {CP/CMS|CMS|CP} |INVALID {CMS|SUBSET} COMMAND

DMSPOQ692I ACTION ROUTINE 'name' ABENDED, PROP CONTINUING
DMSEDI076E ACTUAL RECORD LENGTH EXCEEDS THAT SPECIFIED
DMSWSF673E ADDRESSES ARE IN THE NOTE READER CARDS, DO NOT SPECIFY NAMES
WITH THE NOTE OPTION
DMSWPK644E ALL READER FILES ARE IN THE HOLD STATUS OR NOT CLASS 'class'
DMSWRC644E ALL READER FILES ARE IN THE 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 =

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'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
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
DMSSRV194S BOOK 'sub1.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

DMSITS098S 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
DMSQRX099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSRRV099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSSET099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSSRV099E CMS/DOS ENVIRONMENT NOT ACTIVE
DMSICP099E CMS/DOS ENVIRONMENT ACTIVE
DMSVGN360I CMS/VSAM TEXT FILES CREATED ON DISK 'A'
DMSCMP009E COLUMN 'col' EXCEEDS RECORD LENGTH
DMSDSK009E COLUMN 'col' EXCEEDS RECORD LENGTH
DMSSRT009E 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
DMSCPY067E 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'
DMSCPY721I COPY 'fn ft fm' [{TO|APPEND|OVLY}] 'fn ft fm' {OLD|NEW} FILE]
DMSCMS110E CORRECT FORM IS: DOSGEN LOCATION (SEGNAME)
DMSGEN110E 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
DMSVGN361I CREATING CMS TEXT FILES...
DMSXIN571I CREATING NEW FILE:
DMSXPT571I CREATING NEW FILE:
DMSZAP194W CSECT NOT FOUND IN {MEMBER 'membername'|MODULE 'modulename'}

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-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.
DMS SPL561E 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]
DMSWDF642E DEFAULTS DOES NOT ACCEPT {'command' COMMAND|'option' OPTION FOR
'command'}
DMS PRT008E DEVICE 'cuu' {INVALID OR NONEXISTENT|UNSUPPORTED DEVICE TYPE}
DMS PUN008E DEVICE 'cuu' {INVALID OR NONEXISTENT|UNSUPPORTED DEVICE TYPE}
DMSBOP008E DEVICE 'cuu' {INVALID OR NONEXISTENT|UNSUPPORTED DEVICE TYPE}
DMSARX075E DEVICE 'devicename' INVALID FOR {INPUT|OUTPUT}
DMSASM075E 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 (cuu)' DEVICE ERROR
DMSBWR170S DISK 'mode (cuu)' HAS MAXIMUM NUMBER OF FILES
DMSBWR107S DISK 'mode (cuu)' IS FULL
DMSUPD361E DISK 'mode' IS NOT A {CMS|DOS} DISK
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' 'cuu' 'valid'} NOT ACCESSED
DMSASN069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMSBOP069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMSCMP069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMSCPY069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMSDLB069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMSDSL069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMSDSK069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMSEDI069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMS EDX069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMSERS069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMSFLD069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMSFOR069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMSGVE069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMSLDS069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMSLST069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMSMVE069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMS PRT069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMS PUN069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMSRNM069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMSRSV069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMS SRT069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMSSTT069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMSTYP069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMSUPD069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMSVGN069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMSWRC069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMSWSF069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMSXSU069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED
DMSRNM069E DISK {'mode' 'cuu' 'valid'} NOT ACCESSED. {'A' MUST BE R/W FOR
'DISK LOAD'}
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

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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']
DMSTLB058E  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']
DMSVGN364R  ENTER 'CMSVSAM' or 'CMSAMS' OR 'BOTH' FOR GENERATION OF NEW SYSTEM(S):
DMSTLB435R  ENTER 'IGNORE' OR 'CANCEL'
DMSVGN381R  ENTER 'SELCT' OR 'ALL' FOR TAPE PTF APPLICATION:
DMSVGN380R  ENTER 'TAPE' OR 'CARDS' FOR PTF APPLICATION:
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:
DMSVGN361R  ENTER EITHER 'DOS' OR 'UPDATE':
DMSVGN360R  ENTER EITHER 'INSTALL' OR 'UPDATE':
DMSDLB331R  ENTER EXTENT SPECIFICATIONS:
DMSVGN363R  ENTER LOCATION WHERE sysname WILL BE LOADED AND SAVED:
DMSVGN262R  ENTER MODE OF DOS SYSTEM RELOCATABLE LIBRARY DISK:
DMSVGN366R  ENTER NAME OF SYSTEM TO BE SAVED:
DMSVGN382R  ENTER NUMBER OF TAPE FILES TO BE PROCESSED:
DMSVGN369R  ENTER RELEASE NUMBER OF DOS/VIS STARTER SYSTEM:
DMSVRT604R  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':
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

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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]'
DMSPR123S ERROR 'nn' {PRINTING|PUNCHING} FILE 'fn ft fm'
DMSPU123S ERROR 'nn' {PRINTING|PUNCHING} FILE 'fn ft fm'
DMSIMA346E ERROR 'nn' LOADING 'fn ft' {DISK|'fn ft'}
DMSIMA347E ERROR 'nn' LOADING LIBRARY 'libname'
DMSTMA137S ERROR 'nn' ON STATE FOR 'fn ft fm'
DMSXSU137S ERROR 'nn' ON STATE FOR 'fn ft fm'
DMSCMP104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSDLK104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSDSK104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSDSL104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSEDI104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSFCH104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSGLO104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSHLP104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSIDE104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSLBM104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSLBT104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSLIO104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSMOD104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSNAM104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSNXL104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSOVR104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSPOQ104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSPR104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSPU104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSSLN104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSSTR104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSSSYN104S 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
DMSUPD104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSVMF104S ERROR 'nn' READING FILE 'fn ft fm' FROM DISK
DMSXCP104S ERROR 'nn' READING FILE 'fn ft fm' FROM {DISK|XEDIT}
DMSXCT104S ERROR 'nn' READING FILE 'fn ft fm' FROM {DISK|XEDIT}
DMSXGT104S ERROR 'nn' READING FILE 'fn ft fm' FROM {DISK|XEDIT}
DMSXIN104S ERROR 'nn' READING FILE 'fn ft fm' FROM {DISK|XEDIT}
DMSXMA104S ERROR 'nn' READING FILE 'fn ft fm' FROM {DISK|XEDIT}
DMSZAP104S ERROR 'nn' READING FILE 'fn ft fm' FROM {DISK|XEDIT}
DMSIMA348E ERROR 'nn' SAVING LIBRARY 'libname'
DMSDLK105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSDSK105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSDSL105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSDSV105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSEDI105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSLBM105S 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

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DMSRRV105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSRTI105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSRV105S ERROR 'nn' WRITING FILE 'fn ft fm' ON DISK
DMSTMA105S 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|TO XEDIT}
DMSXCT105S ERROR 'nn' WRITING FILE 'fn ft fm' {ON DISK|TO XEDIT}
DMSXPT105S ERROR 'nn' WRITING FILE 'fn ft fm' {ON DISK|TO XEDIT}
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(cuu)'
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 FROM DSMFRET WHILE UNLOADING 'module name' MODULE
DMSWRC682E ERROR COPYING FILE 'fn ft fm', RC=nn FROM 'command'
DMSWVV809E ERROR COPYING "VSEVSAM SCAN" FILE FROM S-DISK TO A-DISK
DMSSTA671E ERROR CREATING FILE 'fn ft fm' RC=xx FROM 'command'
DMSWUP671E 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
DMSWRC653E ERROR EXECUTING 'command', RC=nn
DMSWSF653E ERROR EXECUTING 'command', RC=nn
DMSWTL653E ERROR EXECUTING 'command', RC=nn
DMSWPK653E ERROR EXECUTING 'EXECIO', RC=nn
DMSWDF653E ERROR EXECUTING 'GLOBALV', RC=nn
DMSWNM653E ERROR EXECUTING 'GLOBALV', RC=nn
DMSWNT653E 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]
DMSWVV794E 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
DMSVIP786E 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']
DMSFUN118S ERROR PUNCHING FILE ['fn ft fm']
DMSTLB110S ERROR READING 'TAPn (cuu)'
DMSTMA110S ERROR READING 'TAPn (cuu)'
DMSTPD110S ERROR READING 'TAPn (cuu)'
DMSTPE110S ERROR READING 'TAPn (cuu)'
DMSVMF110S ERROR READING 'TAPn (cuu)'
DMSVPD110S ERROR READING 'TAPn (cuu)'
DMSDSK124S ERROR READING CARD FILE
DMSRDC124S ERROR READING CARD FILE
DMSWVV796E ERROR READING FROM "VSEVSAM SCAN" FILE
DMSWVV799E ERROR READING FORM "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

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DMSASM074E ERROR SETTING/RESETTING AUXILIARY DIRECTORY
DMSTLB111S ERROR WRITING 'TAPn (cuu)'
DMSTPE111S ERROR WRITING 'TAPn (cuu)'
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'
DMSWDC649E EXTRANEIOUS PARAMETER 'parameter'
DMSWNM649E EXTRANEIOUS PARAMETER 'parameter'
DMSWPK649E EXTRANEIOUS PARAMETER 'parameter'
DMSWRC649E EXTRANEIOUS PARAMETER 'parameter'
DMSWRL649E EXTRANEIOUS PARAMETER 'parameter'
DMSWUP649E 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
DMSAMS007E FILE 'fn ft fm' [IS] NOT FIXED, 80-CHAR. RECORDS
DMSARN007E 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
DMSDLK007E FILE 'fn ft fm' [IS] NOT FIXED, 80 CHAR. RECORDS
DMSGRN007E FILE 'fn ft fm' [IS] NOT FIXED, 80 CHAR. RECORDS
DMSICP007E 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
DMSCPY030E FILE 'fn ft fm' ALREADY ACTIVE
DMSRNM030E FILE 'fn ft fm' ALREADY ACTIVE
DMSCPY024E FILE 'fn ft fm' ALREADY EXISTS [-- SPECIFY 'REPLACE']
DMSDDL024E 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']
DMSWRC024E FILE 'fn ft fm' ALREADY EXISTS
DMSXCT594E FILE 'fn ft fm' ALREADY EXISTS. USE FFIL/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
DMSPR033E FILE 'fn ft fm' IS NOT A LIBRARY
DMSPUN033E FILE 'fn ft fm' IS NOT A LIBRARY
DMS SVT033E FILE 'fn ft fm' IS NOT A LIBRARY
DMSTYP033E FILE 'fn ft fm' IS NOT A LIBRARY
DMS SRT034E FILE 'fn ft fm' IS NOT FIXED LENGTH
DMSWFL002E FILE 'fn ft fm' NOT FOUND
DMSWSF002E FILE 'fn ft fm' NOT FOUND
DMSWUP002E FILE 'fn ft fm' NOT FOUND

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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
DMSIDE056E FILE 'fn ft' CONTAINS INVALID RECORD FORMAT
DMSTPE096E FILE 'fn ft' DATA BLOCK COUNT INCORRECT
DMSZAP208E FILE 'fn ft' IS NOT VARIABLE RECORD FORMAT
DMSOSR002E FILE 'fn' LOADLIB NOT FOUND
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
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.
DMSWPK132S FILE IS TOO LARGE
DMSFNS908T FILE SYSTEM ERROR DETECTED. VIRTUAL ADDR 'cuu'. REASON CODE 'nn'.
DMSACC060E FILE(S) 'fn [ft [fm]]' NOT FOUND. DISK 'mode(cuu)' 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'
DMSWPK684E FILE CONTAINS INVALID RECORDS AND CANNOT BE REFORMATTED
DMSBOP404S filename LOGIC MODULE NOT FOUND IN 'segname' SHARED SEGMENT
DMSBOP403S filename SHARED SEGMENT NOT AVAILABLE - RELOAD CMSDOS
DMSSEG403S filename SHARED SEGMENT NOT AVAILABLE - RELOAD CMSDOS
DMSCMP209W FILES DO NOT COMPARE
DMSWNT665E FILE 'USERID NOTE *' ALREADY EXISTS. ENTER 'NOTE=&eq. TO CONTINUE
OR SPECIFY 'REPLACE'
DMSQWT666E FILE 'USERID NOTE *' NOT FOUND. TO BEGIN A NEW NOTE ENTER 'NOTE name'
DMSWNT666E FILE 'USERID NOTE *' NOT FOUND. TO BEGIN A NEW NOTE ENTER 'NOTE name'
DMSLST689E FILE MUST BE F-FORMAT 108 OR V-FORMAT
DMSRSV908E FILE SYSTEM ERROR DETECTED. VIRTUAL ADDR 'cuu'. REASON CODE 'nn'
DMSXSE600E FIRST SELECTION LEVEL (nn) CANNOT BE GREATER THAN SECOND
SELECTION LEVEL (nn).
DMSFOR603R FORMAT WILL ERASE ALL FILES ON DISK 'mode(cuu)'. DO YOU WISH TO
CONTINUE? (YES|NO):
DMSFOR733I FORMATTING DISK 'mode'
DMSFRE167T FREE STORAGE MANAGEMENT ERROR, INTERNAL CODE ERROR nn
DMSWPK156E FROM 'nnn' NOT FOUND - THE FILE HAS ONLY 'nnn' RECORDS
DMSMCM094E 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 = cuu
DMSHLP251E HELP PROCESSING ERROR, CODE nnn 'description'

DMSEI0632E 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
DMSLDS231E I/O ERROR READING VTOC FROM {'fm'|OS|DOS} DISK
DMSCMP019E IDENTICAL FILEIDS
DMSRNM019E IDENTICAL FILEIDS
DMSSRT019E IDENTICAL FILEIDS
DMSDMP146I IDUMP FOR identifier mm/dd/yy hh:mm
DMSDMP325W IDUMP FOR jobname TERMINATED DUE TO ERROR ON '00E'
DMSWVV790R IF THE DEFAULT LIBRARY NAME OF "VSEVSAM" IS TO BE USED,
PRESS "ENTER." ELSE, ENTER THE NAME TO BE USE FOR THE LIBRARY
DMSSTX326E ILLEGAL SVC svc (HEX xx) CALLED FROM addr

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DMSCPY903T IMPOSSIBLE PHASE CODE 'xx'
DMSDLB305E INCOMPLETE EXTENT RANGE
DMSCMP054E INCOMPLETE FILEID SPECIFIED
DMSCPY054E INCOMPLETE FILEID SPECIFIED
DMSDSK054E INCOMPLETE FILEID SPECIFIED
DMSEDI054E INCOMPLETE FILEID SPECIFIED
DMSERS054E INCOMPLETE FILEID SPECIFIED
DMSGRN054E INCOMPLETE FILEID SPECIFIED
DMSVRT054E INCOMPLETE FILEID SPECIFIED
DMSRDC054E INCOMPLETE FILEID SPECIFIED
DMSRNM054E INCOMPLETE FILEID SPECIFIED
DMSRSV054E INCOMPLETE FILEID SPECIFIED
DMSRST054E INCOMPLETE FILEID SPECIFIED
DMSSTT054E INCOMPLETE FILEID SPECIFIED
DMSTYP054E INCOMPLETE FILEID SPECIFIED
DMSUTL054E INCOMPLETE FILEID SPECIFIED
DMSWFL054E INCOMPLETE FILEID SPECIFIED
DMSWSF054E INCOMPLETE FILEID SPECIFIED
DMSWUP054E 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
DMSGLO622S INSUFFICIENT FREE STORAGE - NO TABLE MADE
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
DMSGAM956E INSUFFICIENT STORAGE FOR GAM/SP ANCHOR BLOCK
DMSNAM622E INSUFFICIENT STORAGE FOR NAMEFIND
DMSUPD300E INSUFFICIENT STORAGE TO BEGIN UPDATE
DMSUPD299E INSUFFICIENT STORAGE TO COMPLETE UPDATE
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 [ARGUMENT OR] {JOIN|SPLIT|TABS|VERIFY|ZONE} COLUMNS DEFINED.
DMS SPL575E INVALID [ARGUMENT OR] {JOIN|SPLIT|TABS|VERIFY|ZONE} COLUMNS DEFINED.
DMSXMC575E INVALID [ARGUMENT OR] {JOIN|SPLIT|TABS|VERIFY|ZONE} COLUMNS DEFINED.
DMSXSE575E INVALID [ARGUMENT OR] {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'}
DMSASM070E INVALID {PARAMETER 'parameter'| ARGUMENT 'argument'}
DMSASN070E INVALID {PARAMETER 'parameter'| ARGUMENT 'argument'}
DMSDDL070E 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'}
DMSERS070E INVALID {PARAMETER 'parameter'| ARGUMENT 'argument'}
DMSERV070E 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'}

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DMS

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DMSMDP070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSMOD070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSMVE070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSNXD070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSNXL070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSNXM070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSOPT070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSOSR070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSPOL070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSPRV070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSQPV070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSQRY070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSRDR070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSRRV070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSRSV070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSSET070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSSRV070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSSTR070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSRV070E 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'}
DMSXIN070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSZAP070E INVALID {PARAMETER 'parameter' ARGUMENT 'argument'}
DMSCMP062E INVALID [CHAR|CHARACTER] '[=* char]' IN [OUTPUT] FILEID ['fn ft {fm}']
DMSCPY062E 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}']
DMSSTR062E 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}']
DMSWRL062E 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'
DMSPOS626E 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'
DMSDDL078E INVALID CARD IN READER {DECK|FILE 'cardimage'}
DMSDSK078E INVALID CARD IN READER {DECK|FILE 'cardimage'}
DMSGRN078E INVALID CARD IN READER {DECK|FILE 'cardimage'}
DMSXSU062E INVALID {CHAR|CHARACTER} '{=*|char}' IN {OUTPUT}
FILEID {'fn ft {fm}'}
DMSWNT676E INVALID CHARACTER '*' FOR NETWORK ID
DMSWSF676E INVALID CHARACTER '*' FOR NETWORK ID
DMSWTL676E INVALID CHARACTER '*' FOR NETWORK ID
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 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'

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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 'cuu'
DMSARE017E INVALID DEVICE ADDRESS 'cuu'
DMSFLD017E INVALID DEVICE ADDRESS 'cuu'
DMSFOR017E INVALID DEVICE ADDRESS 'cuu'
DMSTPE017E INVALID DEVICE ADDRESS 'cuu'
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'
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'
DMSSTMN133S INVALID GETMAIN OR FREEMAIN SPECIFICATION
DMSSTG133S INVALID GETMAIN OR FREEMAIN SPECIFICATION
DMSGLO628E INVALID GLOBALV FUNCTION 'function'
DMSXDC544E INVALID HEX DATA : xxxxxxxxx
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
DMSWEX543E INVALID NUMBER: xxxxxxxx
DMSXDC543E INVALID NUMBER: xxxxxxxx
DMSALT520E INVALID OPERAND : operand

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DMS

DMSCAN520E INVALID OPERAND : operand
 DMSMOD520E INVALID OPERAND : operand
 DMSPQU520E INVALID OPERAND : operand
 DMSSCH520E INVALID OPERAND : operand
 DMSSOR520E 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'
 DMSDDL003E 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'
 DMSIDE003E 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'
 DMSPRV003E INVALID OPTION 'option'
 DMSPRV003E 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'
 DMSWRL003E INVALID OPTION 'option'
 DMSWSF003E INVALID OPTION 'option'
 DMSXIN003E INVALID OPTION 'option'
 DMSZAP003E INVALID OPTION 'option'
 DMSWNT677E INVALID OPTION 'option' IN OPTION LINE
 DMSWSF677E INVALID OPTION 'option' IN OPTION LINE
 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
DMSPRT029E 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
DMSCKK803E INVALID PARAMETER SPECIFICATION
DMSXCT535E INVALID PARMS FOR RENUM.
DMSDMP020W INVALID {PDUMP|IDUMP} ADDRESS 'address' - NO DUMP OPERATION PERFORMED
DMSSCH525E INVALID {PFKEY|PFKEY/PAKEY} NUMBER
DMSXSE525E INVALID {PFKEY|PFKEY/PAKEY} NUMBER
DMSPSH659E INVALID PREFIX SUBCOMMAND: xxxxx
DMSPSW659E INVALID PREFIX SUBCOMMAND: xxxxx
DMSPPX659E INVALID PREFIX SUBCOMMAND: xxxxx
DMSXPX659E INVALID PREFIX SUBCOMMAND: xxxxx
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
DMSVGN369E INVALID RELEASE 31 OR LATER REQUIRED
DMSINI081E INVALID REPLY - ANSWER "YES" OR "NO"
DMSWSF081E INVALID REPLY - ANSWER "YES" OR "NO"
DMSWVV789W INVALID RESPONSE
DMSVGN360E INVALID RESPONSE 'response'
DMSSPR352E INVALID SETPRT DATA IN FILE 'fn ft'
DMSSTR053E INVALID SORT FIELD PAIR DEFINED
DMSXMS053E INVALID SORT FIELD PAIR DEFINED
DMSWPK650E INVALID SPOOLID 'nnnn'
DMSWRC650E 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

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 'linenum' IS NOT RESERVED
DMSVGN362I LINK EDITING sysname
DMSWNT669E LIST OF ADDRESSEES CANNOT BEGIN WITH 'CC:'
DMSLIO116S LOADER TABLE OVERFLOW

DMS

DMSMOD116S LOADER TABLE OVERFLOW
 DMSSET031E LOADER TABLES CANNOT BE MODIFIED
 DMSXFD700E LOGICAL AND OPERATOR '&' NOT VALID FOR COLUMN TARGETS
 DMSXCT567E LOGICAL SCREENS (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).

DMSWVV793I MACLIB GENERATION COMPLETED
 DMSLBM157S MACLIB LIMIT EXCEEDED [, LAST MEMBER ADDED WAS 'membername']
 DMSWVV808R MACRO LIBRARY "libname" WILL BE ERASED. PRESS "ENTER" TO CONTINUE OR "QUIT" TO EXIT
 DMSWVV802I MACROS ERASED - VSEVSAM PROCESSING COMPLETE
 DMSXCT578W macro 'MACRO' IS NOT CURRENTLY IN STORAGE.
 DMSDLB320I MAXIMUM NUMBER OF DISK ENTRIES RECORDED
 DMSDLB321I MAXIMUM NUMBER OF EXTENTS RECORDED
 DMSSRT212E MAXIMUM NUMBER OF RECORDS EXCEEDED
 DMSITS135S MAXIMUM SVC DEPTH 20 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]'
 DMSPR013E MEMBER 'name' NOT FOUND IN LIBRARY '['fn ft fm'|libname]'
 DMSXCT545E MEMBER 'name' NOT FOUND IN LIBRARY '['fn ft fm'|libname]'
 DMSTYP013E MEMBER 'name' NOT FOUND IN LIBRARY '['fn ft fm'|libname]'
 DMSPOQ693E MISSING 'statement' STATEMENT IN RTABLE
 DMSNXL589E MISSING FILEDEF FOR 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)
 DMSDDL545E MISSING OPERAND(S)
 DMSHEL545E MISSING OPERAND(S)
 DMSMOD545E MISSING OPERAND(S)
 DMSPOQ545E 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). SPECIFY 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'
 DMSNAM637E MISSING VALUE FOR THE 'option' OPTION
 DMSWNT637E MISSING {VALUE|'value' FOR THE {'option' OPTION|'operand' OPERAND}
 DMSWUP637E MISSING VALUE FOR THE 'CTL' OPTION
 DMSDDL637E MISSING VALUE FOR THE 'NOTEBOOK ' OPTION
 DMSWRC637E MISSING VALUE FOR THE {'NOTEBOOK'|'SPOOLID'} OPTION
 DMSWDF637E MISSING VALUE FOR THE PROFILE|FROM|FOR| NOTEBOOK OPTION
 DMSWPK637E MISSING VALUE FOR THE PROFILE|FROM|FOR| OPTION
 DMSWFL637E MISSING VALUE FOR THE 'PROFILE' OPTION
 DMSWRL637E MISSING VALUE FOR THE 'PROFILE' OPTION
 DMSACC723I moda (cuu) {R/O|R/W} [-OS|-DOS]
 DMSNXL619E MODULE 'module name' NOT FOUND
 DMSLI0623S MODULE CANNOT BE LOADED AT LOCATION 'location' BECAUSE IT WOULD OVERLAY THE CMS NUCLEUS
 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
 DMSOSR052E MORE THAN 100 CHARS OF OPTIONS SPECIFIED
 DMSGLB108S MORE THAN 8 LIBRARIES SPECIFIED
 DMSPOQ694E MORE THAN ONE 'statement' STATEMENT IN RTABLE
 DMSMCM093E 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 LINES MERGED, nn LINE(S) {TRUNCATED|SPILLED}.
DMSXCG506I nn LINES {MOVED|COPIED|MERGED}
DMSXCG501I nn LINE(S) DELETED
DMSXCG517I nn OCCURRENCE(S) CHANGED ON nn LINE(S).
DMSXCG518E | nn OCCURRENCE(S) CHANGED ON nn LINE(S); nn LINE (S) {TRUNCATED|SPILLED}.
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
DMSWDF641E 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
DMSXMS063E NO [SORT|TRANSLATION|SPECIFICATION] LIST {ENTERED|GIVEN}
DMSRT063E NO [SORT|TRANSLATION|SPECIFICATION] LIST {ENTERED|GIVEN}
DMSXMS063E 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
DMSVRT039E NO ENTRIES IN LIBRARY 'fn ft fm'
DMSVUN039E NO ENTRIES IN LIBRARY 'fn ft fm'
DMSTYP039E 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
DMSOSR001E 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

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DMSPRE001E NO FILENAME SPECIFIED
DMSRUN001E NO FILENAME SPECIFIED
DMSTMA001E NO FILENAME SPECIFIED
DMSUPD001E NO FILENAME SPECIFIED
DMSZAP001E NO FILENAME SPECIFIED
DMSWRL205E NO FILES IN YOUR READER
DMSMOD040E NO FILES LOADED
DMSDLB023E NO FILETYPE SPECIFIED
DMSFLD023E NO FILETYPE SPECIFIED
DMSTPE023E NO FILETYPE SPECIFIED
DMSFLD699E NO FILETYPE SPECIFIED OR 'cuu' IS AN INVALID DISK ADDRESS
DMSLDS233I NO FREE SPACE AVAILABLE ON 'fm' DISK
DMSRUN999E NO ft MODULE FOUND
DMSDSK047E NO FUNCTION SPECIFIED
DMSDSL047E NO FUNCTION SPECIFIED
DMSDSV047E NO FUNCTION SPECIFIED
DMSGLB047E NO FUNCTION SPECIFIED
DMSGLO047E NO FUNCTION SPECIFIED
DMSIMA047E NO FUNCTION SPECIFIED
DMSIMM047E NO FUNCTION SPECIFIED
DMSLBM047E NO FUNCTION SPECIFIED
DMSLBT047E NO FUNCTION SPECIFIED
DMSOVR047E NO FUNCTION SPECIFIED
DMSPOP047E NO FUNCTION SPECIFIED
DMSPOR047E 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
DMSJOI585E NO LINE(S) CHANGED.
DMSSPL585E 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
DMSWTL675E NO NAMES SPECIFIED
DMSWNT670E NO NAMES TO BE ADDED WERE FOUND
DMSNXD624W NO NUCLEUS EXTENSIONS ARE LOADED
DMSNXM624I 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']
DMSSRV006E 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
DMSWNM006E 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
 DMSXCT554E NO STORAGE AVAILABLE.
 DMSXDC554E NO STORAGE AVAILABLE.
 DMSXED554E NO STORAGE AVAILABLE.
 DMSXFD554E NO STORAGE AVAILABLE.
 DMSXIN554E NO STORAGE AVAILABLE.
 DMSXMS554E NO STORAGE AVAILABLE.
 DMSXPT554E NO STORAGE AVAILABLE.
 DMSXSE554E 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
 DMSSSET061E NO TRANSLATION CHARACTER SPECIFIED
 DMSUPD181E NO UPDATE FILES WERE FOUND
 DMSDLB324I NO USER DEFINED DLBL IN EFFECT
 DMSQRX324I 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
 DMSPOR690E NODE CHECKING NOT SPECIFIED IN RTABLE
 DMSXSE524W NONDISP CHARACTER RESET TO "
 DMSXFD560E NOT ENOUGH SPACE FOR SERIALIZATION BETWEEN TRUNC AND LRECL.
 DMSXSE560E NOT ENOUGH SPACE FOR SERIALIZATION BETWEEN TRUNC AND LRECL.
 DMSXCG505E NOT EXECUTED: THE TARGET LINE (nn) IS WITHIN THE LINES TO MOVE
 DMSXCG498E NOT EXECUTED: THE TWO AREAS TO MERGE OVERLAP EACH OTHER.
 DMSSCH586E NOT FOUND
 DMSSPL586E NOT FOUND
 DMSXSU586E NOT FOUND {ON SCREEN}
 DMSWNT667E NOTE HEADER DOES NOT CONTAIN THE {KEYWORD {'FROM''TO'}} 'OPTIONS'|
 'DATE' LINE)
 DMSWSF667E NOTE HEADER DOES NOT CONTAIN THE {KEYWORD {'FROM''TO'}} 'OPTIONS'|
 'DATE' LINE)
 DMSFLD420E NSL EXIT FILENAME MISSING OR INVALID
 DMSTMA420E NSL EXIT FILENAME MISSING OR INVALID
 DMSTPD420E NSL EXIT FILENAME MISSING OR INVALID
 DMSEI0618E NUCEXT FAILED
 DMSGLO618E NUCEXT FAILED
 DMSNAM618E NUCEXT FAILED
 DMSNXL618E NUCEXT FAILED
 DMSQRY618E NUCEXT FAILED
 DMSINI609R NUCLEUS {CYL|BLK} ADDRESS = nnn
 DMSINI083E NUCLEUS {CYL|BLK} SPECIFICATION UNACCEPTABLE, ERROR 'X'
 DMSRDC701I NULL FILE
 DMSTPE701I NULL FILE
 DMSLBT106S NUMBER OF MEMBER NAMES EXCEEDS MAX 'nnnn'. FILE 'fn ft' NOT ADDED
 DMSCPY103S NUMBER OF SPECS EXCEEDS MAX 20
 DMSWVV800E 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
 DMSSOP036E 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.

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| SEE VSE/VSAM DOCUMENTATION FOR OPEN ERROR CODE code
DMSXDS591E OPEN ERROR ON SYSIN.
DMSXDC497E OPERAND OF SET option EXCEEDS MAXIMUM LENGTH
DMS SPL526E OPTION 'CURSOR' VALID IN DISPLAY MODE ONLY.
DMSWEX526E 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 'cuu'. CSW cccccccc SENSE ssssssss
DMSFNS909T PERM I/O ERROR ON 'cuu'. CSW ccccccc ccccccc SENSE ssssssss
      ssssssss ssssssss ssssssss ssssssssss ssssssssss
DMSCIT171T PERMANENT CONSOLE ERROR. RE-IPL CMS
DMSCRD171T PERMANENT CONSOLE ERROR. RE-IPL CMS
DMSCWR171T PERMANENT CONSOLE ERROR. RE-IPL CMS
DMSFOR125S PERMANENT UNIT CHECK ON DISK 'mode(cuu)'
DMSRSV125S PERMANENT UNIT CHECK ON DISK 'mode(cuu)'
DMSFET710I PHASE 'phase' ENTRY POINT AT LOCATION XXXXXX
DMSLDF004E PHASE 'phase' NOT FOUND
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
DMSPSW661E PREFIX 'name' IS INVALID FOR THE LINE ON WHICH IT WAS ENTERED
DMSPXX661E 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 '00E' NOT A VIRTUAL 3800
DMSSPR196I PRT cuu 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 LEFT IN YOUR READER
DMSWPK674E READER IS NOT READY
DMSWRC674E READER IS NOT READY
DMSDDL636W RECEIVED NULL FILE -- NO FILES CREATED
DMSXSE515E RECFM MUST BE F|V|FP|VP.
DMSEDI044E RECORD LENGTH EXCEEDS ALLOWABLE MAXIMUM
DMSPRT044E RECORD LENGTH EXCEEDS ALLOWABLE MAXIMUM
DMS PUN044E 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'.
DMSNAM633W RETURNED VALUES WERE TRUNCATED
DMSINI607R REWRITE THE NUCLEUS? {YES|NO}
DMSITS140T routine ROUTINE CALLED FROM addr DID DMSKEY WITH NO RESET
DMSPOQ620E RTABLE ERROR ON LINE 'nnnn' {NON-NUMERIC VALUE SPECIFIED|INCORRECT

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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 '.....'
DMSGLO631E SETL/SETLP/SETLS CAN ONLY BE EXECUTED FROM AN EXEC 2 EXEC OR AS A
          CMS COMMAND
DMSspr198E SETPRT CAUSED A LOAD CHECK - SNS=ssssssss
DMSARN012W SEVERE ERROR MESSAGES ISSUED
DMSLKD012W SEVERE ERROR MESSAGES ISSUED
DMSINS100W SHARED {S-STAT|Y-STAT} NOT AVAILABLE
DMSSET100W SHARED {S-STAT|Y-STAT} NOT AVAILABLE
DMSXMS493E SORT INVALID IN UPDATE MODE
DMSIMM262E SPECIFIED IMMEDIATE COMMAND NOT FOUND
DMSIMM263E SPECIFIED IMMEDIATE COMMAND IS A NUCLEUS EXTENSION AND CANNOT
          BE CLEARED
DMSWPK655E SPOOLID 'nnnn' DOES NOT EXIST
DMSWRC655E SPOOLID 'nnnn' DOES NOT EXIST
DMSVGN366I STARTING TO READ PTF DECKS FROM READER
DMSBOP413S STORAGE NOT INITIALIZED FOR VSAM PROCESSING
DMSLDF413S STORAGE NOT INITIALIZED FOR VSAM PROCESSING
DMSsch551I {TARGET|STRING} 'string' FOUND. [--- PFnn SET FOR SELECTIVE CHANGE.]
DMSHEL586E STRING NOT FOUND
DMSXCG511E STRING2 CONTAINS MORE ARBITRARY CHARACTERS THAN STRING1
DMSSTX092E 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.
DMSXSE568E SUBCOMMAND NOT VALID WITH THIS SCREEN DEFINITION.
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 FORM 'addr'
DMSABN152T SYSTEM ABEND xxx CALLED FROM addr WHILE 'UFDBUSY' = xx. RE-IPL CMS
DMSINI606R SYSTEM DISK ADDRESS = cuu
DMSSSK365E SYSTEM NAME NOT SPECIFIED
DMSVGN365I SYSTEM sysname SAVED
DMSDLB306E SYSxxx NOT ASSIGNED FOR 'IGNORE'

DMSVPD113S TAP1 (181) NOT ATTACHED
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.
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

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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' TAG IS TOO LONG TO DISPLAY IN THE PANEL
DMSWNM658W 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)
DMSWPK687E THIS IS A SYSTEM {HELP|DUMP} FILE. THIS FILE CANNOT BE {PEEKED AT|
RECEIVED}
DMSWRC687E THIS IS A SYSTEM {HELP|DUMP} FILE. THIS FILE CANNOT BE {PEEKED AT|
RECEIVED}
DMSWRC681E THIS IS AN UNNAMED FILE. SPECIFY FILENAME AND FILETYPE
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 EXCEEDS SCREEN SIZE (nn).
DMSJOI503E {TRUNCATED|SPILLED}.
DMSXCG503E {TRUNCATED|SPILLED}.
DMSXMD503E {TRUNCATED|SPILLED}.
DMSXCT523I TYPEWRITER MODE

DMSHEL640E UNABLE TO ACCESS HELP DISK (cuu), RC = nn FROM ACCESS COMMAND
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']
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)
DMSHEL657E UNDEFINED PFKEY
DMSWNM657E UNDEFINED PFKEY/PAKEY.
DMSWSF657E UNDEFINED PFKEY/PAKEY.
DMSSPR197S UNDIAGNOSED ERROR FROM PRINTER '00E'
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}
DMSSVT119S UNSUPPORTED FORM OF {'macro'|'parm'} {MACRO|SVC}
DMSLIC096S UNSUPPORTED FUNCTION IN A LIOCS ROUTINE
DMSSTI229E UNSUPPORTED OS DATA SET, [ERROR 'code']
DMSXSU229E UNSUPPORTED OS DATA SET, [ERROR 'code']
DMSGMF121S UNSUPPORTED SVC svc (HEX xx) CALLED FROM addr
DMSSVT121S UNSUPPORTED SVC svc (HEX xx) CALLED FROM addr
DMSITS134S UNSUPPORTED SVC 203 CODE nn CALLED FROM addr
DMSDDL636E UNSUPPORTED TYPE OF NETDATA FILE
DMSNAM636E UNSUPPORTED TYPE OT NETDATA FILE

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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
DMSSOP036W  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'
DMSABN155T  USER ABEND nnnn CALLED FROM addr
DMSSTT228I  USER LABELS BYPASSED ON DATA SET 'data set name'
| DMSWTL499E  USER NOT AUTORIZED TO ISSUE 'command' COMMAND
DMSWNT648E  USERID 'name' NOT FOUND. CHECK THE 'userid NAMES' FILE
DMSWSF638E  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
DMSWTL647E  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
DMSWSF672E  VIRTUAL READER INVALID OR NOT DEFINED
DMSACCI09S  VIRTUAL STORAGE CAPACITY EXCEEDED
DMSAMS109S  VIRTUAL STORAGE CAPACITY EXCEEDED
DMSBWR109S  VIRTUAL STORAGE CAPACITY EXCEEDED
DMSCMP109S  VIRTUAL STORAGE CAPACITY EXCEEDED
DMSDLB109S  VIRTUAL STORAGE CAPACITY EXCEEDED
DMSFCH109S  VIRTUAL STORAGE CAPACITY EXCEEDED
DMSERS109S  VIRTUAL STORAGE CAPACITY EXCEEDED
DMSFMS109T  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 'MSGAM' SHARED SEGMENT TO LOAD
AT nnnnnn
DMSFRE162T  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
DMSPOQ691I  VMDUMP TAKEN, PROP WILL IPL CMS
DMSSET444E  VOLUME 'label' IS NOT A DOS SYSRES
| DMSCKK806S  VSE/VSAM PHASE "IKQVCHK" NOT FOUND

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DMS

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 = cuu
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

APPENDIX E. RESTRICTIONS

A virtual machine created by VM/SP is capable of running an IBM System/360 or System/370 operating system as long as certain VM/SP restrictions are not violated. Virtual machine restrictions and certain execution characteristics are stated in this appendix.

VM/SP

Two components, CP and CMS, have been extensively modified and integrated into a VM/370 Release 6 base. This collective package (CP and CMS) is referred to as VM/SP. However, there are recommended program products (Remote Spooling Communication Subsystem (RSCS) Networking, program number 5748-XP1, and Interactive Problem Control System (IPCS) Extension, program number 5748-SA1) available that have been technically advanced to function supportively with VM/SP.

CHANNEL PROGRAMS

Looping channel programs should be avoided. Execution of a backward transfer in channel CCW to an I/O CCW that will present channel end and device end concurrently could 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, the CP HALT command must be issued 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/Virtual=real partition
- Those generated by the OS/Virtual=real Telecommunications Access Method (TCAM) Level 5, with the VM/SP 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. There is no such restriction for DOS ISAM, or for ISAM if it is running in an OS/Virtual=virtual partition. If ISAM is to run in an OS/Virtual=real partition, you must specify the ISAM option in the VM/SP directory entry for the OS/Virtual=real virtual machine.

Virtual machines using OS/Virtual=real TCAM (Level 5, generated or invoked with the VM/SP) issue a DIAGNOSE instruction when the channel program is modified. This instruction causes CP to reflect the change 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 a 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 restriction for using dynamically modified channel programs does not apply if the virtual machine has the virtual=real performance option and the NOTRANS option has been set on.

MINIDISK RESTRICTIONS

The following restrictions exist for minidisks:

1. In the case of read home address with the Skip bit off, VM/SP 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 FB-512 device with the skip bit off, VM/SP 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 VSI system does no paging, any ISAM programs run under VSI are treated by VM/SP as though they are running in an ADDRSPC=REAL partition.

5. VM/SP 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, VM/SP 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 reflected to the virtual machine. The final status is reflected 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 if the channel program includes multiple-track operations and depends on a search ID high or search ID equal or high to terminate the program. This is because the record 0 count fields on these 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.

Notes:

- a. Minidisks with nonzero relocation factors on 3330, 3340, 3350, 3375, or 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 high CW to find the end of the VTOC.
8. The IBCDASDI program cannot assign alternate tracks for a 3330, 3340, 3350, 3375, 3380 or FB-512 minidisk.
9. If the DASD channel programs directed to 3330/3340/3350 devices include a write record R(0), results differ depending on whether the 3330/3340/3350/3375/3380 is dedicated (this includes a minidisk defined as the entire device) or nondedicated. For a dedicated 3330/3340/3350/3375/3380, a write R(0) is allowed, but the user must be aware that the track descriptor record may not be valid from one 3330/3340/3350/3375/3380 to another. For a nondedicated 3330/3340/3350/3375/3380, 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.
10. When performing DASD I/O, if the record field of a search ID argument is zero when a virtual start I/O is issued, but the search ID argument is dynamically read by the channel program before the search ID CCW is executed, then the real search ID uses the relocated search argument instead of the argument that was read dynamically. To avoid this problem, the record field of a search ID argument 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.
11. On FB-512 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.
12. FB-512 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.
13. Diagnostic Read Home Address and Diagnostic Write Home Address commands are supported only for:
 - Dedicated devices
 - Minidisks that start at cylinder 0 (real)Use of Diagnostic Write Home Address is restricted to class F users.
14. 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.

TIMING DEPENDENCIES

Timing dependencies in input/output devices or programming do not function consistently under VM/SP:

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 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 CTCAs, 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 if issued from third level storage. For example, a reset poll macro has no effect if executed from a virtual=virtual storage under a VSI system that is running under VM/SP.)

2. Programming that makes use of the PCI channel interruption for channel program or processor signalling must be written so that processing can 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 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 timing dependent. For this reason, the channel appears available to the virtual machine operating system, and channel available 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.
5. Devices that experience extreme performance penalties if not reinstructed within a fixed interval may experience this penalty during every I/O operation. An example is the 8809 tape drive. Setting the mode to "streaming" may actually result in a slower data rate than running in nonstreaming mode. Execution delays, caused by normal VM/SP processing, prevent a timely reinstruct and the 8809 tape drive may sustain a 1.2 second delay on every I/O operation. The result is that the effective data rate is 12.5 IPS. The user must decide (based mainly on the size of the I/O buffers) between running at 100 IPS with continuous delays and running at 12.5 IPS; then set the mode accordingly.

PROCESSOR MODEL-DEPENDENT FUNCTIONS

On the System/370 Model 158 only, the virtual machine assist feature cannot operate concurrently with the 7070/7074 compatibility feature (#7117).

Programs written for processor-model dependent functions may not execute properly in the virtual machine under VM/SP. 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 Store CPUID instruction, STIDP) receive the real machine 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.
4. Since an operating system's channel error recovery procedures may be processor model- and channel mode-dependent, operating systems that will run in a virtual machine may have to be generated for the same model of processor that VM/SP will be running on.

CHANNEL MODEL-DEPENDENT FUNCTIONS

Channel checks (channel data check, channel control check, and interface control check) no longer cause the virtual machine to be reset. They are reflected to the virtual machine as other I/O errors are. 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, one of several the specified channel may map to. 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 processor model- and channel model-dependent and consistent with the data returned by STIDC (provided that the virtual-to-real channel mapping complies with the requirement stated previously).

A deviation in handling channel extended logouts occurs if the virtual machine uses the bit in control register 14 to mask out channel extended logouts. In a virtual machine, any channel extended logouts that are masked out by control register 14 are lost rather than kept pending, and the logout pending bit (bit 15) is the CSW is never set. However, channel extended logouts will not be lost when they are kept pending along with their associated I/O interrupts by the channel masks in control register 2 and the PSW. Regardless of whether or not the setting of the virtual machine's control register 14 causes it to lose the channel extended logout, CP will still successfully record the logout in its error recording cylinders.

VIRTUAL MACHINE CHARACTERISTICS

Other characteristics that exist for a virtual machine under VM/SP are as follows:

1. 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 IBM System/370 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.
2. A two-channel switch can be used between the IBM System/370 running a virtual machine under VM/SP and another processor.
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 to the virtual machine issuing the DIAGNOSE instruction. For more information about the DIAGNOSE instruction in a virtual machine, see the VM/SP System Programmer's Guide.
4. 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.
5. The CP IPL command cannot simulate self-modifying IPL sequences from dedicated unit record devices or certain self-modifying IPL sequences from tape devices.

6. The VM/SP 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.
7. VM/SP does not support count control on the virtual 1052 operator's console.
8. Programs that use the integrated emulators function only if the real computing system has the appropriate compatibility feature. VM/SP does not attempt simulation. The DOS emulator running under OS or OS/V5 is not supported under VM/SP.
9. The READ DIRECT and WRITE DIRECT instructions are not supported for a virtual machine.
10. The System/370 SET CLOCK instruction cannot be simulated, and hence, is ignored if issued by a virtual machine. The System/370 STORE CLOCK instruction is a nonprivileged instruction and cannot be trapped by the VM/SP; it provides the true TOD clock value from the real processor.
11. 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.
12. The pseudo-timer (usually device address OFF, device type TIMER) does not return an interruption from a Start I/O; therefore, do not use EXCP to read this device.
13. 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:

$$\frac{\text{virtual machine size}}{2} = \text{starting address of the overlaid page or the hexadecimal value 2000, whichever is smaller.}$$
14. 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 interrupt whose CSW status indicates incorrect length and a channel program check.

Notes:

- a. A data transfer sequence is defined as one or more connected read or write CCWs connected via chain data. 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 data security and therefore will give an error when attempting to use.
15. When an I/O error occurs on a device, the System/370 hardware maintains a contingent connection for that device until a Sense channel command is executed and sense data is recorded. That is, no other I/O activity can occur on the device during this time. Under VM/SP, the contingent connection is maintained until the SENSE command is executed, but I/O activity from other virtual machines can begin on the device while the sense data is being reflected

to the virtual machine. Therefore, the user should be aware that on a shared disk, the access mechanism may have moved during this time.

16. 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.

17. 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.
18. 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.
19. 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.
20. The Program Controlled Interruption (PCI) FETCH option for load module retrieval is not supported for OS/MFT or VS1.
21. 3081 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.
22. The Input/Output Configuration program must not be executed while single processor mode is active on the system. Undesirable results may occur.
23. Use to following virtual machine operating versions on hardware which uses single storage keys:
 - MVS/SP Version 1, Release 3
 - The CMS component of VM/SP Release 1 and Release 2
 - VM/SP Release 2
 - OS/VS2 is supported in uniprocessor mode only

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. The reason for this and the way to ensure it, is explained in the VM/SP System Programmer's Guide.
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 VM/SP 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.

CONVERSATIONAL MONITOR SYSTEM RESTRICTIONS

The following restrictions apply to CMS, the conversational monitor system of VM/SP:

1. CMS executes only on a virtual machine controlled by VM/SP.
2. The maximum sizes (in cylinders or blocks) of CMS minidisks are as follows:

Device Type	Model(s)	CMS 800-Byte		CMS 1K, 2K,	
		CMS/VSAM	Format	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	
3340	35	348 cyl	348 cyl	348 cyl	
3340	70	696 cyl	682 cyl	696 cyl	
3350	native mode		555 cyl	115 cyl	555 cyl
3370	--	558,000 blk	not supported	558,000 blk	
3375	--	959 cyl	182 cyl	959 cyl	
3380	--	885 cyl	121 cyl	885 cyl	

3. If CMS cannot calculate a valid time, it will display *.* in place of n.nn or x.xx.
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 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.
6. 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.
7. 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.

8. CMS can read sequential and partitioned OS data sets and sequential VSE files, by simulating certain OS and VSE system services.

The following restrictions apply when CMS reads OS data sets that reside on OS disks:

- Read-password-protected data sets are not read unless they are VSAM data sets.
- 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.
- 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 CONCAT 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, since the CMS/DOS implementation of the DUMMY statement corresponds to VSE implementation. Specifying the DUMMY option with the DLBL command will cause an execution-time error.
9. Assembler program usage of VSAM and the ISAM Interface Program (IIP) is not supported.
 10. CMS/DOS support is based on the VSE/Advanced Functions program product. With VSE, prior releases of VSAM are not supported under CMS/DOS.
 11. System logical units (SYSIN, SYSRDR, SYSIPT, SYSLST, and SYSPCH), are not supported for VSE formatted FB-512 devices because the SYSFIL function (SVC 103) of VSE is not supported under CMS/DOS.
 12. 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.
13. Setting the PSW EC mode bit on is not recommended because CMS handles interrupts in BC mode only.
 14. To ensure that the saved copy of the S-STAT or Y-STAT is current, a validity check is performed when a saved system is IPLed. This 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.

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. If you intend to define more than 64 virtual devices for a single virtual machine, be aware that any single request for free storage in excess of 512 doublewords (a full page) can cause an error message to be issued if storage cannot be obtained. Tables for virtual devices for a virtual machine must reside in contiguous storage. Therefore, two contiguous pages of free storage must be available in order to logon a virtual machine with more than 64 virtual devices, (three contiguous pages for a virtual machine with more than 128 virtual devices, etc.). Contiguous pages of free storage are sure to be available only immediately after IPL, before other virtual machines have logged on. Therefore, a virtual machine with more than 64 devices should be the first to logon after IPL. The larger the real machine size, the lesser the possibility of this occurring.
3. For remote 3270's, VM/SP supports a maximum of 256 binary synchronous lines minus the number of 3704/3705 Communications Controllers.
4. 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 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 once more.
5. Any modifications to local OPTIONS COPYFILE, unless otherwise specified in existing documentation, is not supported.
6. If an installation is using an IBM 3031, 3032, or 3033 processor, it must dedicate the service record file (SRF) device to VM/SP. Thus, the channel on which the SRF is located cannot be dedicated to any virtual machine.
7. 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.

8. If you are using an 8809 tape device, it is required to have a tape mounted with the drive in ready status before issuing a CP DETACH command. This allows the tape drive mode to be returned to the default mode when execution of the command completes.
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.
 - The PCI bit in the CCW is not handled by logical device support.
 - Ending status on I/O only is passed back to the virtual machine (not initial).
10. When using two channel-to-channel adapters dedicated to virtual machines and the CTCAs are operating on the same channels on each processor, then the virtual machines should use the control CCW to prevent locking out the channel.
11. If using conmode 3270 with a guest SCP such as MVS, SCRNSAVE ON must be specified; otherwise, unpredictable results may occur.
12. If the number of virtual devices exceeds the formula (7FFF divided by the VDEVBLK size) unpredictable results may occur. This is due to the design usage of the virtual control block structure.
13. When TERMINAL CONMODE 3270 is invoked, tracing should not be performed at the same console; the results are unpredictable.
14. When using the 3081 processor, V=V users can no longer utilize 1 Mb (megabyte) segments for constructing shadow tables.
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. 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.
17. 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 may occur if both the X

and Y sides of the VCTCA are doing the same data transfer operation (for example, both doing writes or both doing reads).

APPENDIX F. USER DOCUMENTATION PAGE

This space has been reserved for the convenience of the user, to insert any pertinent messages related to Program Products.

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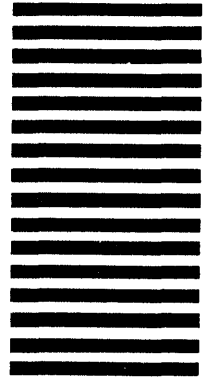
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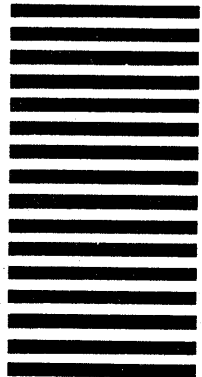
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