CA Disk™ Backup and Restore

Message Reference Guide

r12.5, Second Edition

Second Edition

This Documentation, which includes embedded help systems and electronically distributed materials (hereinafter referred to as the “Documentation”), is for your informational purposes only and is subject to change or withdrawal by CA at any time. This Documentation is proprietary information of CA and may not be copied, transferred, reproduced, disclosed, modified or duplicated, in whole or in part, without the prior written consent of CA.

If you are a licensed user of the software product(s) addressed in the Documentation, you may print or otherwise make available a reasonable number of copies of the Documentation for internal use by you and your employees in connection with that software, provided that all CA copyright notices and legends are affixed to each reproduced copy.

The right to print or otherwise make available copies of the Documentation is limited to the period during which the applicable license for such software remains in full force and effect. Should the license terminate for any reason, it is your responsibility to certify in writing to CA that all copies and partial copies of the Documentation have been returned to CA or destroyed.

TO THE EXTENT PERMITTED BY APPLICABLE LAW, CA PROVIDES THIS DOCUMENTATION “AS IS” WITHOUT WARRANTY OF ANY KIND, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT. IN NO EVENT WILL CA BE LIABLE TO YOU OR ANY THIRD PARTY FOR ANY LOSS OR DAMAGE, DIRECT OR INDIRECT, FROM THE USE OF THIS DOCUMENTATION, INCLUDING WITHOUT LIMITATION, LOST PROFITS, LOST INVESTMENT, BUSINESS INTERRUPTION, GOODWILL, OR LOST DATA, EVEN IF CA IS EXPRESSLY ADVISED IN ADVANCE OF THE POSSIBILITY OF SUCH LOSS OR DAMAGE.

The use of any software product referenced in the Documentation is governed by the applicable license agreement and such license agreement is not modified in any way by the terms of this notice.

The manufacturer of this Documentation is CA.

Provided with “Restricted Rights.” Use, duplication or disclosure by the United States Government is subject to the restrictions set forth in FAR Sections 12.212, 52.227-14, and 52.227-19(c)(1) - (2) and DFARS Section 252.227-7014(b)(3), as applicable, or their successors.

Copyright © 2015 CA. All rights reserved. All trademarks, trade names, service marks, and logos referenced herein belong to their respective companies.

CA Technologies Product References

This document references the following CA Technologies products:

- CA 1® Tape Management (CA 1)
- CA ACF2™ for z/OS (CA ACF2)
- CA Allocate™ DASD Space and Placement (CA Allocate)
- CA Auditor for z/OS
- CA Datacom®/AD (CA Datacom/AD)
- CA Datacom®/DB (CA Datacom/DB)
- CA Disk™ Backup and Restore (CADisk)
- CA OPS/MVS® Event Management and Automation (CA OPS/MVS EMA)
- CA Tape Encryption
- CA TLMS® Tape Management (CA TLMS)
- CA Top Secret® for z/OS (CA Top Secret)
- CA Vantage™ Storage Resource Manager (CAVantage SRM)

Contact CA Technologies

Contact CA Support

For your convenience, CA Technologies provides one site where you can access the information that you need for your Home Office, Small Business, and Enterprise CA Technologies products. At http://ca.com/support, you can access the following resources:

- Online and telephone contact information for technical assistance and customer services
- Information about user communities and forums
- Product and documentation downloads
- CA Support policies and guidelines
- Other helpful resources appropriate for your product

Providing Feedback About Product Documentation

If you have comments or questions about CA Technologies product documentation, you can send a message to techpubs@ca.com.

To provide feedback about CA Technologies product documentation, complete our short customer survey which is available on the CA Support website at http://ca.com/docs.

Contents

Chapter 1: Introduction 7

General Information 7
Organization 7

Chapter 2: Health Check Messages 9

ADSH0011E-ADSH0051E 9

Chapter 3: Message Descriptions 13

Messages 0001-0099 13
Messages 0100-0199 29
Messages 0200-0299 45
Messages 0300-0399 58
Messages 0400-0499 74
Messages 0500-0599 89
Messages 0600-0699 103
Messages 0700-0799 109
Messages 2000-2099 115
Messages 2100-2199 139
Messages 2200-2299 161
Messages 2300-2399 179
Messages 2400-2499 194
Messages 2500-2599 221
Messages 2600-2699 253
Messages 2700-2799 259
Messages 2800-2899 277
Messages 2900-2999 301
Messages 3000-3099 328
Messages 3100-3199 355
Messages 3200-3299 379
Messages 3300-3399 399
Messages 3400-3499 415
Messages 3500-3599 433
Messages 3600-3699 451
Messages 3700-3799 476
Messages 3800-3899 497
Messages 3900-3999 514

Messages 4000-4099 529
Messages 4100-4199 543
Messages 4200-4299 563
Messages 4300- 4399 598
Messages 4400- 4499 631
Messages 4500- 4599 660
4563 680
4591 686
4592 686
4597 686
Messages 5000-5099 687
Messages 9900-9999 687

Chapter 4: Dynamic Interface Manager 689

Messages DIM000-DIM099 689
Messages DIM100-DIM199 697
Messages DIM400-DIM499 703
Messages DIM900-DIM999 714
Messages GSM900-GSM999 715

Chapter 5: Program Event Tracing 717

MTF Messages 717
PET Messages 719

Chapter 6: System Abend Codes 723

Chapter 7: User Abend Codes 725

Appendix A: Common Return Codes 727

Allocate Error Codes 727
Catalog Management Return Codes 728
Scratch Return Codes 729
EXCP Access Method Return Codes 729
Dynamic Allocation Return Codes 730
Dynamic Allocate Error Reason Codes 731
ISAM EXCD1 Byte Explanations 732
Obtain Return Codes 733
User-Specified Condition Codes 733

Chapter 1: Introduction

This document provides a detailed description of conditions that cause messages to be printed by CADisk modules. An explanation is included below in each message identifier line.

General Information

The identifier line that precedes the explanation is segmented into two parts. The first segment is the 4- or 6- character message identifier, followed by the text of the message.

The text of each message that CADisk generates can contain variable values. These values contain information that is useful in determining the exact cause of the problem or situation. The message texts shown in this manual show these variable fields as one repetitive character. To provide uniqueness, when more than one variable is contained in a message, different characters are used. These symbols are then referenced in the message description to indicate what variable data items are being discussed. Any extra spaces contained in a variable data item are removed prior to the message being printed.

Organization

This guide is divided into the following chapters:

Chapter 2 "Message Descriptions"

Contains the messages for traditional CADisk processing. The message identifiers are 4-characters in length.

Chapter 3 "Dynamic Interface Manager"

Contains the messages issued by the Test Auto-Restore Interface. The message identifiers are 4-characters in length, the first three characters being DIM.

Chapter 4 "Program Event Tracing"

Contains the messages issued by PET. The message identifiers are 3-characters in length, the first three characters being either MTF (Module Trace Facility) or PET.

Chapter 5 "System Abend Codes"

Contains system ABEND codes.

Chapter 6 "User Abend Codes"

Contains user ABEND codes.

Appendix A "Common Return Codes"

Contains common RETURN codes.

Chapter 2: Health Check Messages

The IBM Health Checker for z/OS allows you to identify potential problems in your z/OS environment by checking system or product parameters and system status against recommended settings. The IBM Health Checker for z/OS is structured as a framework that includes a health check started task and various separate *check* routines provided by IBM or other vendors. CA Disk provides health checks for sysparm settings, definitions, or real time processing conditions that could result in a problem. When these conditions are found, the CA Disk Health Checks provide detailed recommendations on how to correct the problem. Also, the CA Disk Health Checks recommends *best practices* for using CA Disk.

ADSH0011E-ADSH0051E

ADSH0011E

Sysparm CARTCALC is set to N while using a tape cartridge device.

Reason:

Setting the sysparm CARTCALC to the value N or allowing it to use the default value N, turns off the query to the device for the device capacity. This causes the value in the sysparm CARTFEET to be used to set the cartridge capacity. Having sysparm CARTCALC set to N can cause under-utilization of tape cartridges. It may also cause unnecessary I/Os to be performed on a tape if the calculated capacity is greater than the actual capacity, because an attempt may be made to fit a data set that is too large for the remaining tape space by wasting time and resources. This exception will be cleared when this check runs again after the job causing the exception is changed and runs, or after the job statistics are older than the number of days specified in the AGE parameter for this health check. The default value for the sysparm CARTCALC will be changed to Y with the next release of CA Disk.

Action:

Find out why the sysparm CARTCALC is set to N. Consider setting it to Y, if the sysparm has been set to the default value N. Consider setting the sysparm CARTCALC to Y and setting sysparm CARTPRCT to a value other than 100%, if the objective is to force CA Disk to either over or under utilize the tape cartridges.

ADSH002IE

Sysparm IOCHNBLK is set to 1 while using a tape device.

Reason:

Setting the sysparm IOCHNBLK to the value 1 or allowing it to use the default value 1, causes Backup and Archive jobs to write only one block to a tape at a time. This causes the job to run slower and to use more processing time. Sysparm IOCHNBLK can accept a value from 1 to 9, which is the number of tape blocks to be written with one I/O. Setting a value of 9 generally improves the performance significantly. This exception will be cleared when this check runs again after the job causing the exception is changed and runs, or after the job statistics are older than the number of days specified in the AGE parameter for this health check. The default for the sysparm IOCHNBLK will be changed to 9 with the next release of CA Disk.

Action:

Setting the sysparm IOCHNBLK to 9 allows Backup and Archive jobs to better utilize I/O resources and to reduce run time. A higher number will reduce the number of EXCPs issued to the tape, reducing elapsed time due to tape channel conflicts. It increases the storage utilization by (n-1)*tape blocksize*2. The REGION size of the jobs should also be reviewed to ensure that it will support the increased requirements.

ADSH0031E

Sysparm IOTRACKS is set to less than the number of tracks in a cylinder.

Reason:

Setting the sysparm IOTRACKS to a value less than the number of tracks in a cylinder causes Backup, Archive, and Restore jobs to issue more read/write requests to the DASD device. This causes the job to run slower and use more processing time and CPU resources. This exception will be cleared when this check runs again after the job causing the exception is changed and runs, or after the job statistics are older than the number of days specified in the AGE parameter for this health check.

Action:

Set the sysparm IOTRACKS to cylinder size (15) or allow the default value of 30. This allows Backup and Archive jobs to better utilize the I/O resources and reduces run time.

Note: If the value of the sysparm IOTRACKS is smaller than the number of tracks in a cylinder, increasing the value will use more storage and may require the above-the-line REGION for the job or job step to be increased by as much as 700K.

ADSH0041E

Sysparm MERGSORT is not set to S.

Reason:

Setting the sysparm MERGSORT to a value other than S causes Merge to sort the tapes to be processed by the volume serial number (VOLSER). Setting the sysparm MERGSORT to S allows Merge to process the ARCHVOLs according to the least space used rather than the alphanumeric VOLSER order and allows Merge to process more efficiently when smaller processing windows are needed. This exception will be cleared when this check runs again after the job causing the exception is changed and runs, or after the job statistics are older than the number of days specified in the AGE parameter for this health check. The default for the sysparm MERGSORT will be changed to S with the next release of CA Disk.

Action:

Set the sysparm MERGSORT to S to allow MERGE to process the ARCHVOLs according to the least space used rather than alphanumeric order. This setting allows MERGE to process more efficiently when smaller processing windows are needed, thus releasing tapes back to faster usage.

ADSH0051E

Sysparm IXMQTIME is set to zero.

Reason:

The CA Disk utility IXMAINT issues a RESERVE-type enqueue to prevent concurrent updates to the Files Data Set (FDS) so that the integrity of the data set can be maintained. The value of the sysparm IXMQTIME defines how long the RESERVE will be held before it is released to allow other jobs to access the FDS. Setting the sysparm IXMQTIME to zero causes IXMAINT to retain the RESERVE for the entire length of the job. This will prevent other jobs, such as DMSAR Auto-Restores, from being able to access the FDS while the RESERVE is held. Also, if the RESERVE was not converted to a global enqueue, it will prevent jobs on systems other than the one on which the RESERVE was issued from accessing the volume on which the FDS resides. This can suspend any production work attempting to access the volume. This exception will be cleared when this check runs again after the job causing the exception is changed and runs, or after the job statistics are older than the number of days specified in the AGE parameter for this health check. The default value for the sysparm IXMQTIME will be changed to 0300 with the next release of CA Disk.

Action:

Set the sysparm IXMQTIME to a non-zero value to allow other CA Disk jobs to access the FDS and the volume on which the FDS resides. A value of 0300 to 0600 (30 to 60 seconds) allows other jobs frequent access with a minimal impact on the job runtime of IXMAINT.

Chapter 3: Message Descriptions

Messages 0001-0099

0001

(ddd) ARCHIVED AS (ddd) FROM (vvv)2

Reason:

The data set having the first data set name was archived from the specified volumes and was given a new name of the second data set name. The archived data set is entered in the DSNINDEX under the second data set name.

0003

NO DD STATEMENT FOUND FOR VOLUME (vvv)

Reason:

A CADisk module requiring a DD statement in order to perform an operation on the specified volume was unable to complete its function. The run must be resubmitted with the appropriate DD statement for the request to be performed successfully.

0007

(ddd) NOT ALLOCATED, POOL (ccc) NOT DEFINED

Reason:

CADisk cannot allocate data set (ddd) because the DASD pool name (ccc) was not defined to CADisk. The DASD pool name (ccc) was passed to CADisk through a command parameter or through PARMLIB member DASDPOOL.

If the DASD pool name is blank, CADisk tried to allocate, but was unable to find, a default DASD pool specified in PARMLIB member DASDPOOL. In this situation, CADisk tried to allocate to the default DASD pool because all other eligible volumes were disqualified (that is, not enough space on the volume).

0008

(ddd) NOT PLACED IN RESTORE QUEUE: NO INDEX RECORD

Reason:

An archive index record cannot be found for the specified data set name. The request to place the name in the queue of data sets to be restored was therefore bypassed.

Verify that the data set name was spelled correctly and resubmit the deferred restore request.

0009

****WARNING** (ddd) TO BE ALLOCATED ON (vvv) HAS BLKSIZE = (xxx) GT TRKSIZE = (ttt): DATA MAY NOT LOAD**

Reason:

The data set will be allocated on the indicated volume, but because the block size in the format-1 DSCB of the data set is greater than track capacity of the device, the data may not be loaded. This message may appear more than once if the data set needs to be scratched before doing the allocation.

0011

(ddd) NOT RESTORED: ARCHIVE CONTROL RECORD MISSING

Reason:

After the tape was positioned with the BSAM CNTRL macro, it was determined that the archive control record did not begin the first physical block that the archived data set was supposed to occupy. This condition may be the result of a tape unit positioning error, or because another data set with the same name was created on the tape. If a tape drive failure is suspected, the restore run should be resubmitted.

0012

(ddd) NOT RESTORED: ARCHIVE FORMAT-1 DSCB MISSING

Reason:

The format-1 DSCB was not found after the archive control record was retrieved from the archive tape. For assistance, contact CA Technical Support.

0013

(ddd) NOT RESTORED: ALLOCATED TO ANOTHER TASK

Reason:

The data set was not restored because an exclusive enqueue for the data set was attempted and failed.

0014

****WARNING** (ddd) IS CURRENTLY CATALOGED TO VOL=(vvv) WHICH IS A NON-DASD DEVICE TYPE OF (xx)**

Reason:

The catalog entry for the named data set (ddd) was retrieved in order to find a volume to which the data should be restored. The catalog entry contained a device type code for the volume that is non-DASD, and hence cannot be used for the restore. The restore continued, selecting either the original volume or a volume from a specified DASD pool to be used.

0015

(ddd) NOT CATALOGED TO (vvv), RETURN CODE (xxx)

Reason:

The attempt to catalog the restored data set to the specified volume failed. The CATALOG macro return code is displayed in hexadecimal and is explained in the IBM *Data Management Systems Programming Library Guide*.

0016

(ddd) NOT RECATALOGED FROM (vvv) TO (vvv) RETURN CODE (xxx)

Reason:

CADisk attempted to recatalog a data set for the reason given in the preceding message. The attempt to recatalog the volume failed with the displayed CATALOG macro return code. See the IBM *Data Management Systems Programming Library Guide* for an explanation of the return codes.

0017

(ddd) NOT RESTORED TO POOL (ppp): ALLOCATION FAILED

Reason:

No volume in the named pool can be found upon which to allocate the data set for restore processing. This message is usually preceded by one or more messages issued by module ADSDM102 when it fails in allocating to specific volumes in trying to request this service.

0022

(ddd) NOT UNCATALOGED: RETURN CODE (xxx)

Reason:

The attempt to uncatalog the data set failed. The return code for the CATALOG macro is displayed in hexadecimal format. An explanation of the return code may be found in the IBM *Data Management System Programming Library Guide*.

0023

(ddd) ON (vvv): CATALOG CONFLICT

Reason:

The system catalog entry for the data set found on the designated volume has a different volume. This copy is regarded as a disconnected data set.

0024

GETMAIN FAILED: REQUESTED (xxx)

Reason:

Execution is terminated when a request for subpool zero memory failed. The number of bytes requested is displayed as four hexadecimal digits. The region size must be increased before resubmitting the job.

0026

(ddd) NOT UNCATALOGED: CATALOG VOLUME (vvv)

Reason:

The specified action of UNCATALOG was not taken for the data set because the system catalog entry for the data set name contained a volume different from that of the data set for which disposition processing is in progress.

0027

USER EXIT MODULE (mmm) RETURNED INVALID CODE OF (xxx)

Reason:

The designated user exit module passed an invalid return code after it was invoked. An abnormal termination with a dump is initiated.

0028

SYSTEM LEVEL RETENTION CONTROL SPECIFIED: NO ENTRY FOUND IN (ttt) TABLE FOR SYSTEM CONTROL

Reason:

The RETAIN command contained the system parameter but no entry was found in the designated RETVOLSPEC table with (xxxxxx) in the volume portion of the table entry.

0030

SIMULATION MODE SPECIFIED

Reason:

This message appears when the SIMULATE keyword has been included in the command being executed. It is printed as assurance that no data set or catalog action will be taken.

0031

RETENTION TYPE (xxx) INVALID FOR VOLUME (vvv)

Reason:

An entry in the RETVOLSPEC table, used for retention control, has an error. The retention control type field in an entry for volume (vvv) is not valid. There is no type of (xxx).

Action:

Correct the entry and resubmit the job. For valid retention control type codes, see the chapter "BACKUP/ARCHIVE" in the *User Guide*.

0035

(ddd) ON (vvv) NOT ARCHIVED - DATA SET IS ALLOCATED TO ANOTHER TASK

Reason:

CADisk attempted to get a shared or an exclusive enqueue on the data set indicated (shared for a backup, exclusive for an archive). The attempt failed. This means that some other task already had the data set enqueued (exclusive for a backup, shared or exclusive for an archive). The data set is not backed up or archived.

Action:

CADisk continues with the next data set. Wait until the data set is not in use and retry the backup or archive.

0036

(ddd) ON (vvv) NOT ARCHIVED - BLKSIZE ZERO

Reason:

Archive processing encountered a data set with a zero block size, and sysparm ARCBLKSIn specified. The data set was bypassed because ARCBLKSIn indicates that CADisk should bypass processing for data sets with zero block size.

0037

DSN ON VOLUME NOT ARCHIVED - MARKED UNMOVABLE

Reason:

The data set has been marked unmovable. Check the system parameter UNMOVEARN for processing of unmovable data sets. CADisk does not support the movement of truly unmovable data sets.

0038

(ddd) ON (vvv) NOT ARCHIVED: DSORG (xxx) IS AN INVALID DATA SET ORGANIZATION FOR DMS PROCESSING

Reason:

CADisk processes data sets based on their organization. In this case CADisk cannot determine how the data set is organized and thus cannot process it. If the DSORG field (xxx) contains "0000", the data set has probably been allocated but never opened for output and contains no data. To archive this type of data set as if it were DSORG=PS, specify sysparm ARCDSORGY as well as ARCMODELY.

(xxx) is the hexadecimal DSORG value for the data set. To determine the character DSORG value, see the IBM *Data Areas Guide* in the section on format-1 DSCBs.

0040

(rrr) REPORT FOR (ddd): VOLUME (vvv) NOT AVAILABLE

Reason:

The requested report for the individual data set cannot be produced because the volume on which the data set resides is not online.

0041

(rrr) REPORT: (ddd) NOT FOUND

Reason:

The requested report for the individual data set cannot be produced because the volume on which the data set is supposed to reside does not contain the format-1 DSCB.

0042

(rrr) REPORT: (ddd) NOT CATALOGED

Reason:

The requested report for the individual data set cannot be produced because the data set name, which was entered without the VOLUME parameter, is not in the system catalog.

0044

THE FILES DATA SET IS FULL: UNLOAD, INCREASE THE SPACE ALLOCATION, AND RELOAD ALL ENTRIES FROM THE FILES

Reason:

An attempt was made to add an entry to one of the logical files in the Files Data Set. However, the block pointed to by the index was full and insufficient DASD space was available for the required block split.

0045

INVALID FILE NAME PASSED TO FILE HANDLER: (fff)

Reason:

The displayed character field passed to the common file handler interface as a file name did not match any of the entries in the internal control table constructed from the FILEDEFN table at the time of the last file initialization or reorganization.

0046

INVALID FUNCTION PASSED TO FILE HANDLER: (fff)

Reason:

The displayed two-character field passed to the file handler interface as a function code was invalid.

Note: For the set of valid codes, see the section Function Service Types in the *Systems Guide*.

0048

RETPD FOUND IN TABLE NAME (ttt) IS NOT NUMERIC, VALUE 30 ASSUMED. ENTRY IN ERROR IS (eee)

Reason:

The table name (ttt) has an entry in it that is invalid. The (eee) is the invalid entry. Correct the entry and resubmit the job.

0049

INSUFFICIENT BUFFER SIZE FOR (ttt) TABLE: INCREASE THE VALUE OF SYSPARM (ssssssss) AND RESUBMIT

Reason:

Either the default value or the previously specified sysparm memory value for the designated table did not provide enough memory for the number of entries in the PARMLIB data set. Respecify the sysparm with a larger value.

0051

UNLOAD OF SELECTED FILE(S) SUCCESSFULLY COMPLETED

Reason:

Upon completion of writing to a sequential data set all files explicitly designated by the FILE parameter, this message is issued.

0052

FILE (fff) NOT PRESENT IN FILES DATA SET

Reason:

The eight-character field was not found in the internal Files Data Set control block containing all valid file names.

0053

ALL FILES SUCCESSFULLY UNLOADED

Reason:

This message is issued after all logical files contained in the Files Data Set have been unloaded successfully to a sequential data set.

0054

SUBFILE (fff) BYPASSED DURING RELOAD

Reason:

The indicated subfile was encountered during a Files Data Set reload execution but was bypassed either because of a reason explained in a previous message or because it was not included in the list specified with the FILES parameter.

0055

TEMPORARY RESTRICTION IN EFFECT FOR (ccc)

Reason:

The designated function, is currently not available.

Note: For more information about the designated function, see the *User Guide*.

0056

END-OF-FILE RECORD NOT IN LAST BLOCK OF FILE (fff)

Reason:

The file handler did not find the expected internally generated end-of-file record in the last block of the designated logical file. The file should be reorganized with the REORG procedure.

Note: For more information, see the section REORG Subfiles in the *Systems Guide*.

0057

(nnn) RECORDS UNLOADED FROM FILE (fff)

Reason:

The number of records counted during the UNLOAD of the designated file is displayed at the time the end-of-file record is encountered.

0059

CHAIN FIELD OF ZERO ENCOUNTERED BEFORE EOF FOR FILE c8

Reason:

During unload processing of a logical file in the Files Data Set, a zero chain field was encountered before an internal end-of-file record was found.

Note: For instructions concerning the REORG procedure for the Files Data Set, see the section REORG Subfiles in the *Systems Guide*.

0060

DATA BLOCK ENCOUNTERED WITH NO RECORDS FOR FILE (fff)

Reason:

An invalid condition was encountered where a data block for the indicated file contained no records. The Files Data Set needs reorganization.

Note: For more information, see REORG procedures in the section REORG Subfiles in the *Systems Guide*.

0061

(ddd) NOT SCRATCHED FROM (vvv) TYPE (ttt): ALLOCATED

Reason:

The data set cannot be scratched during retention control processing because it was allocated to another task.

0062

(nnn) RECORDS RELOADED TO FILE (fff)

Reason:

The designated number of records was successfully loaded to the specified logical file in the Files Data Set.

0063

(ddd) ON (vvv) IS DISCONNECTED FROM THE CATALOG: THE CURRENT CATALOG ENTRY FOR THIS DATA SET POINTS TO (www): THE UNCAT/RECATALOG ACTION WAS SUPPRESSED

Reason:

The data set was not uncataloged or recataloged as requested because the volume in the system catalog was not the same as that on which the data set was found.

0068

(ddd) NOT RESTORED: TIMEDATE PARAMETER (ttt) INVALID

Reason:

The data set cannot be restored because the HHMMDATE field entered as the value of the TIMEDATE parameter did not match the corresponding value for any index entry for the specified data set.

Action:

For recognized 'DATE' input values, see the TIMDEDATE parameter in the section RESTORE Command Syntax in the *User Guide*.

0070

(ddd) NOT MIGRATED FROM (vvv): DCB ABEND WORD (xxx)

Reason:

A DCB abend exit was entered in the attempt to migrate the specified sequential data set from DASD to tape. Displayed in hexadecimal format are the first four bytes of the DCB abend parameter area (GPR 1 PTR).

0071

(nnn) DATA SETS MIGRATED TO TAPE

Reason:

Upon completion of a sequential data set migration run, the total number of data sets successfully moved from DASD to tape is displayed.

0072

(ddd) NOT MIGRATED FROM (vvv): ALLOCATED

Reason:

The data set selected cannot be migrated because it was allocated to another task.

0073

(ddd) NOT MIGRATED FROM (vvv): DSORG NOT PS

Reason:

The explicitly designated data set was rejected for migration from DASD to tape because it did not have physical sequential data set organization.

0074

(ddd) NOT MIGRATED: NO VOLUME SERIAL

Reason:

The data set explicitly designated for sequential migration from DASD to tape cannot be moved because it was not cataloged and no VOLUME parameter was supplied.

0075

(ddd) NOT MIGRATED FROM (vvv): DEVICE UNAVAILABLE

Reason:

The data set cannot be migrated because the volume on which the data set resides is not online.

0076

(ddd) NOT MIGRATED FROM (vvv): DATA SET NOT FOUND

Reason:

The data set cannot be migrated because the format-1 DSCB was not present on the indicated volume.

0077

(ddd)v NOT RESTORED: NO INDEX RECORD for TIME/DATE (ttdd), SYSPARM ARBACKUP=x

Reason:

No archive index record can be found for the named data set. The data set cannot be restored. If an appended version number (v) is present, it may be in error (the -v copy is not in the index). If a TIMEDATE value (ttdd) is present, an index record with this exact time and date was not found.

The data set with the name specified does not exist in the CADisk archives.

The CADisk LISTD function can be used to determine the dat sets in the archives. Verify the data set has been previously archived.

Sysparm ARBACKUP affects which DSNINDEX records are eligible for Auto-Restore. There are several possible values for this system parameter. A detailed description of each value can be found in the description of sysparm ARBACKUPy in the *Systems Guide*.

0079

DATA BLOCK CHAIN ERROR DETECTED IN (fff) FILE

Reason:

CADisk has found an invalid block pointer in the Files Data Set. If this is not the last block in the file, the relative block address pointer to the next block in the file is zero. If this is the last block in the file, the relative block address pointer to the next block is not zero. The control block for the file indicates the number of blocks in the file. It may also be incorrect.

CADisk Files Data Set reorganization will correct this problem. No data loss has occurred. Reorganize the Files Data Set and rerun the affected function.

0081

(ddd) ARCHIVED AT (xxx) ON (aaa) DELETED

Reason:

The data set that was archived at the specified TIME and DATE has been deleted from the DSNINDEX file.

0082

FILE HANDLER PROBLEM WITH (cc) FUNCTION FOR (fff) FILE

Reason:

CADisk attempted to process the (fff) subfile of the Files Data Set, but received a return code of (cc), and processing has been terminated.

Note: For information about checking the status of your Files Data Set and correcting errors using the unload/reload utilities, see Common File Handler Interface in the section User Exit Descriptions in the *Systems Guide*.

0083

(ddd) ARCHIVED AT (xxx) ON (eee) EXPDT CHANGE FROM (aaa) TO (bbb)

Reason:

The expiration date for the data set that had been archived at the specified TIME and DATE has been changed as indicated.

0084

ARCHIVE VOLUME RECORD (vvv) SCRATCHED

Reason:

The record with the indicated volume has been scratched from the ARCHVOLS file as a result of the SCRATCH parameter on the RESET command.

0085

ARCHVOLS RECORD FOR (vvv) SUCCESSFULLY CREATED

Reason:

An ARCHVOLS record with the designated volume has been successfully inserted by use of the ASSIGN command.

0086

NO DATA SET INDEX RECORD FOUND FOR (ddd)

Reason:

An attempt to either delete or change the expiration date in an index record failed because, no record was found in the DSNINDEX file with the specified key.

0087

(vvv) CANNOT BE ASSIGNED AS AN ARCHIVE VOLUME: IN USE

Reason:

A record already exists in the ARCHVOLS file as either a primary or copy record with the specified volume.

0088

DCB BLOCKSIZE PARAMETER MISSING FOR ARCHIVE0 DD STATEMENT

Reason:

The physical block size for the archive tape data set must be supplied in the ARCHIVE0 DD statement before archive processing can be executed.

0089

(ddd) ON (vvv) NOT IN SYSTEM CATALOG

Reason:

The relative generation number of the specified data set cannot be determined because no entry is present in the system catalog.

0090

(ddd) EXPDT (eee) MIGRATED FROM (vvv) TO (vvv): FILE SEQ NO (xxx) (fff)

Reason:

The data set was successfully migrated from the DASD volume to the tape volume and file number with the indicated disposition.

0092

NO ARCHIVE VOLUME RECORD FOUND FOR VOLUME (vvv)

Reason:

No record is present in the ARCHVOLS logical file with the indicated volume.

0093

ARCHIVE VOLUME (vvv) HAS BEEN (ccc) COPY VOLUME IS (vvv)

Reason:

A CADisk RESET command has been entered to change the status or data pertaining to archive volume (vvv). This message indicates the request has been processed successfully. (ccc) is the action performed against the archive volume record. If more than one action was specified, only the last action specified is noted in the message. (vvv) is the copy volume assigned to the archive volume being changed.

Following are descriptions for the (ccc) value:

- UNCHANGED

  The user did not specify any action to be taken against the archive volume record. It remains unchanged.

- DISABLED

  The archive volume has been marked disabled. It is no longer available for restoring data sets. If a copy volume is associated with it, it will be used for subsequent restores. This is usually done when the volume becomes unreadable or unavailable.

- ENABLED

  The volume has been marked ENABLED.

- CHANGED

  The volume serial to be used as a copy tape for this archived volume has been changed to (ccc).

0094

(ddd) MIGRATED FROM (vvv) CONTAINED NO RECORDS

Reason:

The data set found on the specified volume contained no data and was migrated as an empty data set.

0095

(ddd) NOT RECATALOGED TO (vvv) DEVTYPE (xxx); RETURN CODE x2

Reason:

The migrated data set cannot be recataloged to the indicated volume and device type. The CATALOG macro return code is displayed as two hexadecimal characters and is explained in the IBM *Data Management System Programming Library Guide*.

0097

(ddd) NOT RESTORED - ARCHIVE KEY (vvv) CANNOT BE USED, AND NO COPY EXISTS

Reason:

No archive is available to perform the restore/recover of the data set (ddd). This is caused by the ARCHVOLS record (vvv) for the data set either being disabled, and either no copy/tertiary archive exists or the copy/tertiary archive is disabled, or sysparm RESCOPYT is set to cause use of copy/tertiary archives, and either no copy/tertiary archive exists or the copy/tertiary archive is disabled.

0098

(ddd) NOT RESTORED: OPEN ERROR ON ARCHIVE VOLUME

Reason:

CADisk did not restore the data set (ddd) because when it attempted to open the data set on the archive volume, the OPEN failed. If a copy tape is available, disable the original tape and try the restore from the copy.

0099

(ddd) NOT RESTORED: NO ARCHVOLS RECORD FOR VOLUME (vvv)

Reason:

The data set was not restored since no ARCHVOLS record was found with the volume carried in the index record, archive volume field. It will be necessary to execute REBUILD to construct an ARCHVOLS record for the missing volume.

Note: For more information, see the instructions in Archive Index Rebuild Utility in the *User Guide*.

Messages 0100-0199

0100

(ddd) NOT RESTORED: NO ARCHIVE VOLUME IN INDEX RECORD

Reason:

The data set was not restored because the archive volume field in the index record contained spaces. For assistance, contact CA Technical Support.

0103

(ddd) NOT RESTORED TO (vvv): DCB ABEND (xxx)

Reason:

The data set was not restored to the specified volume because the DCB abend exit was given control. The data set allocation is scratched if not preallocated, and processing continues.

0104

NO DATA SETS MIGRATED FROM DASD TO TAPE

Reason:

No data sets satisfied the specified selection criteria for sequential data set migration.

0105

(ddd) NOT MERGED: NO ARCHIVE VOLUME IN INDEX RECORD

Reason:

The data set was not merged because the archive volume field in the index record contained spaces. For assistance, contact CA Technical Support.

0106

NO ARCHIVES SELECTED FOR ARCHIVED DATA SET MERGE

Reason:

No archives were selected, because none satisfied the criteria specified for execution of the merge job. Processing is terminated at this point.

0107

(ddd) EXPDT (eee) ON ARCHIVED VOLUME (vvv) DELETED

Reason:

The data set having the indicated expiration date was deleted because of either being expired or having no index record in the DSNINDEX logical file.

0108

ARCHIVE VOLUME (vvv) PROCESSED: (nnn) DATA SETS MERGED (nnn) DATA SETS DELETED

Reason:

Totals are printed after the archive tape has been read, reflecting the number of data sets retained and deleted from the tape.

0109

(ddd) ON (vvv) (nnn) (xxx) DSNINDEX ENTRY NOT FOUND

Reason:

The merge function has finished processing data set (ddd) on archive volume (vvv), but the data set index record for it can no longer be found. The archive file number is indicated by (nnn) and block number by (xxx).

Either a user has deleted the entry or the IXMAINT function is being run concurrently rather than before the merge function. In the latter case, reschedule merge processing to run after IXMAINT.

Action:

Consider reorganizing the Files Data Set.

Note: For more information, see the sections FDS Management, and FDS Status Report in the *Systems Guide.*

0110

(ddd) ON (vvv) (nnn) (xxx) MIGRATED TO (vvv) (nnn) (yyy)

Reason:

The data set was merged from the first volume, file and block number to the second volume, file and block number.

0113

ARCHIVE DATA SET (ddd) VOLUMES (vvv) INSERTED

Reason:

A record was inserted into the ARCHVOLS file for the new archive tape data set created on the listed volumes during merge processing.

0114

(xxx) DD STATEMENT MISSING

Reason:

A DD statement that was required to continue processing was not found. The DD statement should be included in the JCL prior to resubmitting the job.

0115

(ccc) VALUE OF (xxx) INVALID

Reason:

The four-byte value field, which is displayed as eight hexadecimal digits, is not acceptable as a value for the indicated DSCB parameter name. The command is rejected and processing continues.

0116

(ccc) SYSPARM SPECIFICATION OF (xxx) INVALID

Reason:

The value specified as the value of the indicated DSCB user field displacement parameter is not acceptable. Processing is terminated to allow for correction of the corresponding entry in the sysparm table.

0118

(ddd) NOT RESTORED TO (vvv): ISAM NO SPACE: EXCD (xxx)

Reason:

The ISAM data set was not restored because a SYNAD routine was entered with the exception code field indicating that insufficient space was available. If the data set was preallocated, the space amount should be increased before attempting the restore again. For assistance, contact CA Technical Support.

0119

(ddd) NOT RESTORED TO (vvv): ISAM DCBEXCD=xxx(HEX)

Reason:

The ISAM data set was not restored because the SYNAD routine was entered with the indicated exception code bit configuration. See ISAM EXCD1 Byte Explanations in the appendix "Common Return Codes" for an explanation of bit settings. They represent the DCBEXCD1 and DCBEXCD2 fields of the DCB.

0121

UNCORRECTABLE I/O ERROR ON (xxx)

Reason:

An error was encountered on the device having the DDNAME (xxx). The run should be resubmitted with a different volume.

0122

(ddd) NOT RESTORED TO (vvv): SYNAD ROUTINE ENTERED

Reason:

The data set was not restored to the specified volume because an uncorrectable output error was encountered while attempting to write a block of data. The data set is bypassed and processing continues with the next data set.

0123

ARCHVOLS FILE RECORD MISSING FOR VOLUME (vvv): EXECUTE PURGE FOR VOLUME TO DELETE DSNINDEX RECORDS

Reason:

No record was found in the ARCHVOLS file for the indicated archive volume. The volume should be purged from the ARCHVOLS file in order to delete the disconnected index records, because index records are referenced during merge processing for either deletion or merging forward. If the archive volume is unexpired and you want to merge some of its data sets forward, rebuild the archive index before running the next merge.

0124

NO DD STATEMENT PROVIDED FOR VOLUME (vvv)

Reason:

A data set on the specified volume cannot be accessed because a required DD statement in the //DD format was not provided. All data set Action's for the volume will be bypassed.

0125

DATA SET (ddd) NOT FOUND ON VOLUME (vvv)

Reason:

The data set cannot be processed because no format-1 DSCB was present on the volume upon which it was to reside.

0126

(ddd) NOT ARCHIVED FROM (vvv): SYNAD ROUTINE ENTERED

Reason:

The data set cannot be dumped to tape because the access method SYNAD routine was entered because of an uncorrectable input error. The data set is bypassed and processing continues with the next data set.

0127

(ddd) NOT PROCESSED FROM (vvv): DCB ABEND (xxx)

Reason:

The data set cannot be processed because a DCB abend exit was taken during the attempt to read it. The first four bytes of the parameter field are displayed in hexadecimal format. This field is documented in the IBM *Data Management Macros Guide*. The data set is bypassed and processing continues with the next data set.

0129

(rrr) INVALID REPORT NAME

Reason:

The first three characters of the value entered as a report name are not recognized as a CADisk report name. The command is skipped and processing continues with the next command.

0130

(ddd) NOT MIGRATED FROM (vvv): NO DD STATEMENT

Reason:

The data set cannot be migrated to tape because no DD statement in the //DD format was provided for the individual data set name specified or for the designated volume. The appropriate DD statement should be placed in the JCL and the run resubmitted.

0131

ddd NOT DELETED; SCRATCH RC=8 vol1 rc, vol2 rc, ... voln rc

Reason:

An attempt to scratch data set (ddd) has failed. The second line of the message identifies the volumes where the failure occurred, and its associated return code from the IBM scratch routine, indicating why it failed.

See Scratch Return Codes in the appendix "Common Return Codes" for a list of the common return codes from IBM Scratch Routines.

0132

(ddd) NOT ARCHIVED FROM (vvv); ISAM EXCD (xxx)

Reason:

The ISAM data set (ddd) cannot be archived from volume (vvv) because the SYNAD routine was entered with the DCB exception code field containing the specified two hexadecimal bytes. This field is documented in the IBM *Data Management Macros Guide*. The data set is bypassed and processing continues with the next data set.

0133

(ddd) NOT RECATALOGED FROM (vvv) TO (ttt): (nnn) OR SCRATCHED

Reason:

Data set (ddd), which was migrated from DASD volume (vvv) to the tape volume (ttt) and file number (nnn) was neither recataloged nor scratched.

0135

(ddd) (vvv) NOT PROCESSED - ISAM ABEND INTERCEPTED

Reason:

The ISAM data set on the specified volume was not processed because of a system abend. This may also cause a S0C3 abend at step termination when the terminator attempts to close the problem data set. It does not invalidate the other processing.

0136

PDS NOTE LIST UPDATING INCOMPLETE FOR MEMBER (ccc)

Reason:

The data set identified in a following message is not processed because all of the TTR entries in a note list record were not updated during the creation of the new copy of the data set. This situation arises when no data records are found at the TTR addresses specified in the note list. The TTR addresses are invalid.

0137

DISCREPANCY BETWEEN NOTE LIST RECORD SIZE AND (ttrn): MEMBER (xxx)

Reason:

The size of the note list record was less than a multiple of four times "n" from the directory user data field for the indicated member. The data set is bypassed as in error.

0138

NOTE LIST RECORD TTR NOT FOUND IN PDS DIRECTORY

Reason:

The data set identified in the message immediately following is not processed because the TTR of a note list record does not exist in the user field of the data set being written to the target volume.

0139

NO NOTE LIST TTRN FOUND IN DIRECTORY

Reason:

After a note list record was written while restoring a data set, an attempt to locate a note list TTRN in the directory entry for the member failed. For assistance, contact CA Technical Support.

0140

NOTE LIST RECORD NOT PRESENT IN ARCHIVE DATA SET

Reason:

Although the directory entry user field for the partitioned data set indicated that a note list record was present in the data set, none was encountered during the attempt to restore the data set. For assistance, contact CA Technical Support.

0141

(ddd) NOT RESTORED TO (vvv): MEMBER ERROR ABOVE

Reason:

The data set cannot be restored correctly because of an error encountered while processing one of the members as indicated in a previous message. The data set is bypassed.

0142

MEMBER (mmm) NOT STOWED: RETURN CODE: (xxx)

Reason:

The STOW macro failed after writing the member blocks for the indicated member. The return code is printed as two hexadecimal characters and is explained in the IBM *Data Management Macros* guide.

0144

NO RATE FOUND FOR CATEGORY = (ccc)

Reason:

No entry was found in the DASD space billing rate table for the specified category.

Action:

Update the DSBRATEC member of PARMLIB to include an entry for the category.

0145

NO CATEGORY FOUND FOR VOLUME = (vvv)

Reason:

No entry was found in the DASD space billing category table for the specified volume.

Action:

Update the DSBCATEG member of PARMLIB to include an entry for the volume or volume class.

0150

(ddd) NOT RESTORED: (rrr)

Reason:

The data set cannot be restored for the reason indicated.

0151

(ddd) ON (vvv) (ccc) WITH TASC (xxx) IN DEFERRED FILE

Reason:

The request to process data set (ddd) on volume (vvv) has been placed in the queue for later processing. The message indicates whether the request was an insertion or a replacement. If a replacement was requested, the message indicates that it had been selected previously.

0152

(ddd) NOT FOUND ON (vvv): NO DEFERRED DISPOSITION

Reason:

Data set (ddd) for which a request to defer processing was made cannot be found on the volume of original residence (vvv). No action is taken and the record was deleted from the deferred disposition file.

0153

IDCAMS ERROR CODE = (eee)

Reason:

An IDCAMS function has returned a non-zero return code (eee). This message should be preceded by a message, which describes the error in more detail. If no preceding message was issued, for assistance, contact CA Technical Support.

0154

(ddd) ON (vvv) NOT SCRATCHED: SYSTEM DATA SET

Reason:

The retention control disposition module because of the special data set name did not scratch the data set.

0155

(ddd) NO ARCHIVE DISPOSITION: DD STATEMENT MISSING FOR c6

Reason:

The data set cannot be disposed of because the DD statement for the indicated volume is missing.

0156

(ddd) RECATALOGED FROM (vvv) TO (ttt): (xxx)

Reason:

The migrated data set (ddd) was recataloged from DASD volume (vvv) to the indicated tape volume (ttt) and file number (xxx).

0157

OLDVOLNO (vvv) NOT IN RECATALOG FILE

Reason:

The data sets migrated to the tape designated by the OLDVOLNO parameter cannot be recataloged to a copy tape because no record of that volume (vvv) is present in the MIGRECAT file.

0158

(ddd) NOT RECATALOGED FROM (vvv) TO (ttt): (nnn): RETURN CODE (xxx)

Reason:

The migrated data set cannot be recataloged from DASD volume (vvv) to tape volume (ttt) and file number (nnn) because of a problem with the CATALOG macro. The two-byte hexadecimal return code is documented in the IBM *Data Management System Programming Library Guide*.

0168

VOLUME (vvv) NOT FOUND ONLINE

Reason:

An attempt was made to archive a data set from, or restore a data set to, a volume that was not online.

0170

(rrr) IS AN INVALID RATE FOR CATEGORY (ccc)

Reason:

The displayed rate code from an entry in the DASD space billing DSBCATEG member of PARMLIB is invalid. The two-character category code is also displayed. Correct the error and resubmit the job.

0171

(ddd) TO BE (aaa) AS (ddd)

Reason:

A deferred (aaa) request record has been placed in the ARCHCMDS queue for data set (ddd). It will be (aaa) during the next batch execution of deferred archival.

0173

NO BILLING RECORDS PROCESSED IN EXTEND STEP

Reason:

No DASD space billing records were present for extend processing. No report will be produced and further processing is terminated.

This message is issued for one of the following reasons:

- The DASDSPCB subfile of the Files Data Set is empty (that is, the ACCUM step did not work)
- The DSNAME command parameter caused all data sets to be rejected
- The VOLUME parameter caused all data sets to be rejected

0175

USERID (uuu) NOT IN DMS TSOTULMT CONTROL RECORD

Reason:

An error was encountered while processing a TSO RESTORE command. For assistance, contact CA Technical Support.

0176

DMSPARMS FILE NOT DEFINED

Reason:

A TSO dynamic restore command cannot be executed until the DMSPARMS file is specified in the FILEDEFN member of PARMLIB for the Files Data Set. Place the proper entry in the member and then execute the file reorganization utility. Notify your in-house technical support group.

0177

FILE (fff), TYPE (ttt), RESULT (nnn), KEY (kkk)

Reason:

During an attempt to process a TSO dynamic restore command; CADisk detected an error during use of the file handler. The name of the logical file, action type, result, and key of the involved record are displayed. For assistance, contact CA Technical Support.

0178

(fff) STEP DOWN: (aaa): (bbb)

Reason:

RELOAD processing abnormally terminates because a sequence error was detected in the designated logical file. The first 51 bytes of the out-of-sequence record and the one preceding it are displayed. Sort the unloaded sequential data set, and then attempt the reload again.

Action:

Sort the unloaded sequential data set, and then attempt the reload.

if you receive this message as a record of the sub file RETEXCLD, after running the DBREVERS procedure, change the RETEXCLD key length from 50 to 44. Make this change in the FILEDEFN PARMLIB member. Run DBREVERS again. See the RETEXCLD sysparm for more information.

Note: If this message is generated for a record of the sub file RETEXCLD as a result of running the DBREVERS procedure, change the RETEXCLD key length from 50 to 44 in the FILEDEFN member of the PARMLIB and then run DBREVERS. For more information, see the RETEXCLD sysparm.

0180

DEFERRED (FUNCTION) REQUEST REJECTED

0180

A REQUEST ALREADY EXISTS FOR

0180

DSN = (ddd) ON VOLUME (vvvvvv)

Reason:

The request to accomplish a deferred archive or backup for data set (ddd) cannot be honored because a previous command is in the queue for the data set name on the same volume (vvv) and is still pending. The command is ignored.

Action:

No further action is required since a deferred request for the data set was already queued.

0181

(ddd) NOT DEFERRED: NOT IN SYSTEM CATALOG

Reason:

A deferred archive or backup request record was not placed in the ARCHCMDS queue because the data set (ddd) was not found in the system catalog. The command may be entered again with the VOLUME parameter or after cataloging the data set.

0182

ABENDED INDEX REBUILD FOR ARCHIVE DSNAME (ddd) ON (vvv)

Reason:

An error was encountered during an attempt to construct index or archvol entries with the REBUILD utility. The nature of the problem is indicated in a prior message. Consider whether you want to save the partially rebuilt archive index or purge it.

0183

INDEX REBUILD COMPLETED FOR ARCHIVE DSNAME (ddd) ON (vvv)

Reason:

This message appears upon successful completion of a rebuild. The data set name and volume list for the archive data set, which was input to the rebuild, is displayed.

0184

*****ONLY (xxx) BYTES REMAINING IN THE FILES DATA SET*** AN UNLOAD AND RELOAD TO A LARGER FILES DATA SET IS NEEDED**

Reason:

This message begins appearing when DASD space in the Files Data Set is reduced and fewer than 100,000 bytes remain. It is a warning that free space is at a low level in the Files Data Set, and that at the earliest convenience reorganization is required, during which the space allocation for the Files Data Set must be increased.

0185

(fff) OVERFLOW BLOCK (nnn): REDEFINE AND REORG NECESSARY

Reason:

An overflow block split occurred for the designated logical file when CADisk tried to insert a record. This condition will not prevent continued use of the system, but will significantly degrade performance. The record count field in the FILEDEFN member entry should be increased to a number from 50 to 100 percent more than the current record count in the subject logical file. A reorganization of the entire Files Data Set is then required.

0186

(vvv) (vvv) RELEASED (xxx) DATA SETS (xxx) TRACKS (xxx) KILOBYTES

Reason:

End-of-volume totals are displayed for the number of data sets, tracks, and kilobytes released for the device type and volume.

0187

(xxx) (vvv) RELEASED (xxx) DATA SETS (xxx) TRACKS (xxx) KILOBYTES

Reason:

The statistics in terms of data sets, tracks and kilobytes are displayed for the device type (xxx) and volume (vvv). These numbers reflect space made available because of data sets being scratched.

0188

NO (A) OR (S) DISPOSITION FOR (ttt) TABLE ENTRY (eee)

Reason:

An entry was encountered in retention control's volspec member entry (ttt) which did not have either an A for archive or S for scratch in the disposition action field. The first 14 bytes of the entry are displayed (eee).

0195

VOLUME (vvv) NOT FOUND ONLINE

Reason:

To complete the requested function, CADisk needs access to volume (vvv) during its execution. Verify the volume serial is valid and is online to the system before running CADisk again.

The volume is considered online if it is found in the system UCB table and is marked online.

0196

(ddd) DD STATEMENT MISSING

Reason:

CADisk needs the DD statement with the name (ddd) to complete its execution.

Note: To determine the format of the DD statement and how it is used, see the chapter "JCL DD Statements" in the *Systems Guide*.

Action:

Supply the DD statement and rerun the function.

0197

QMNGRIO ERROR, RC = (xxxx)

Reason:

CADisk uses the standard IBM macro QMNGRIO to modify a JFCB control block. During the use of this macro, an unexpected return code of (xxxx) was encountered.

Action:

This is a CADisk internal error. For assistance, contact CA Technical Support.

0199

(ddd) WAS NOT RESTORED DUE TO ARCHIVE TAPE ERROR

Reason:

CADisk was unable to successfully read all archive tape data to restore VSAM cluster (ddd). See previous error messages for information about the error that exists with the tape volume.

Messages 0200-0299

0201

(ddd) WAS NOT RESTORED DUE TO PREVIOUS ERROR

Reason:

VSAM cluster (ddd) was not restored because of an error CADisk encountered, described in a preceding message. The cluster is bypassed.

0203

COMMAND REJECTED: SYS SER SET COMBINATION REQUIRED

Reason:

The RETAIN command requires at least one of the three parameters: SYS/SER/SET. Modify the command and resubmit the job.

0204

(ddd) NOT RESTORED TO (vvv): BDAM U-V RETURN CODE (xxx)

Reason:

The BDAM data set (ddd) was not restored to volume (vvv) because a non-zero return code was returned when a check was issued for a WRITE macro. The data set is bypassed and processing continues with the next data set.

0205

NO RECORD FOUND FOR DSN = (ddd)

Reason:

No DASD space billing record was found for data set name (ddd), which was to be renamed to a different data set name. The command is bypassed and processing continues with the next command.

0207

NO DYNAMIC ENTRY AVAILABLE IN TIOT

Reason:

The TSO dynamic RESTORE cannot be completed because no DYNAMIC entry was available in the TASK I/O TABLE for the user region. If no entry can be made available by deallocation of files, notify your in-house technical support group of this condition.

0208

ARCHIVE VOLUME (vvv) DSN (ddd) IN USE

Reason:

The TSO dynamic RESTORE cannot be accomplished because the archive volume (vvv) containing the data set to be restored (ddd) is in use by another task. The command should be executed again at another time.

0209

NO TAPE UNIT AVAILABLE FOR DYNAMIC RESTORE

Reason:

No tape unit was available for allocation of the archive volume in order to restore the data set specified in the TSO RESTORE command. Notify your in-house technical support group if this condition persists for repeated executions of the command.

0210

NO RESTORE: MAXIMUM TAPE UNIT ALLOCATION FOR TSO

Reason:

The foreground RESTORE cannot be completed because the limit has been reached for the number of archive tapes that can be allocated concurrently in service of TSO dynamic RESTORE commands. The limit is set by sysparm TSOTULMT. Enter the command again later.

0212

TIMEDATE VALUE MUST BE NINE DIGITS: IS ONLY (nnn)

Reason:

The value specified for the TIMEDATE command parameter was less than the nine-digit minimum for the time and date of archival of the data set which is to be restored. The actual length of the entered value was (nnn).

0213

ARCBLKSZ = (nnn), DS BLKSIZE = (bbb): ARC MUST BE GT

Reason:

An attempt was made to archive a data set, which has a block size greater than that specified for the archive tape. The archive tape block size is (nnn); the data set block size is (bbb). The archive tape block size must be at least 14 bytes greater than the largest physical block to be written to tape.

0214

EXPDT VALUE MUST BE FIVE DIGITS: IS ONLY (nnn)

Reason:

The value supplied with the EXPDT keyword was less than five digits, which is required for the expiration date in any command. The actual number of digits entered was (nnn).

0215

PARSE RETURN CODE OF (xxx)

Reason:

A non-zero return code was returned from the TSO PARSE service routine and is displayed as two hexadecimal bytes. The code is documented in the IBM *Reference Guide for Writing a Terminal Monitor Program*. The command is bypassed.

0216

MEMBER LIMIT EXCEEDED: FIRST (nnn) ENTRIES RESTORED

Reason:

The number of entries specified in the member list in the command exceeded the processing capacity of the program. Only (nnn) entries were handled; the remainder was ignored.

0218

(ddd) RESTORED TO (vvv),ARCTM=(ttt),ARCDT=(bbb),ARCVOL=(aaa),F:(nnn),M:(xx)

Reason:

During recover processing, the data set (ddd) was successfully restored to volume (vvv) and is uniquely identified as to the time (ttt) and date (bbb) of archival and the volume (aaa) and file number (nnn) of the archived tape and the MFILES concatenation(xx) (if used). If MFILES is not used, (xx) will be set to 1.

0219

BLOCK COUNT CAPACITY OF INDEX EXCEEDED FOR FILE (ccc)

Reason:

The RELOAD of logical file (ccc) is terminated because the number of records specified in the entry for the file in the FILEDEFN member was inadequate. After the corresponding entry has been updated with a number from 50 to 100 percent higher than the current number of logical records in the file, attempt the RELOAD again.

0221

NO VOLUME RECORDS FOUND IN FILES

Reason:

A DELETE command was executed to remove all index entries from the DSNINDEX, which referenced expired archive volumes, but the search of the ARCHVOLS file did not produce any expired ARCHVOLS records.

0223

(ddd) TO BE RESTORED AS (nnn)

Reason:

A deferred restore command has been placed in the queue for data set (ddd). The NEWNAME parameter was specified in the command, so the data set will be renamed (nnn).

0224

NO FORMAT-1 FOUND FOR (ddd) ON VOL (vvv)

Reason:

The format-1 DSCB for data set (ddd) cannot be found on volume (vvv). The deferred archive request for the data set is left undisturbed in the queue and processing resumes with the next command.

0227

BILLING RECORD FOR (ddd) ON (vvv) HAS BEEN FLAGGED AS SCRATCHED

Reason:

The DASD space billing record for data set (ddd) on volume (vvv) is flagged as scratched because no format-1 DSCB was detected during this pass.

0229

SYNAD ENTERED WHILE PROCESSING (ddd) ON (vvv)

Reason:

Data set (ddd) on volume (vvv) cannot be processed because CADisk encountered an input error while attempting to read the PDS directory. This condition normally results from the directory being overwritten when the data set is opened for output as a sequential data set.

0230

(ddd) NOT MERGED: OPEN ERROR ON ARCHIVE VOLUME (vvv)

Reason:

Data set (ddd) was not merged because an attempt to open the archive data set on archive tape volume (vvv) failed. If a copy tape is available, the original tape should be disabled and another MERGE attempted.

0235

ISAM DSN (ddd) ON (vvv) IGNORED. (xxx)

Reason:

The ISAM data set (ddd) on volume (vvv) cannot be processed because of the condition described in the 43-character text field. The data set is bypassed and processing is resumed with the next data set.

0236

(ddd) DD STATEMENT MISSING

Reason:

CADisk needs the DD statement with the name (ddd) to complete its execution.

Action:

Supply the DD statement and rerun the function.

Note: To determine the format of the DD statement and how it is used, see the chapter "JCL DD Statements" in the *Systems Guide*.

0238

DMS USER SVC NUMBER (ccc) INVALID

Reason:

A valid user SVC number is required for use of the TSO dynamic RESTORE command with non-MVS systems. The system will abend. The appropriate SVC number must be specified with the SVCNODMS sysparm.

0239

NO REPORT FOR ISAM DATA SET (ddd) ON (vvv) IGNORED: (xxx)

Reason:

The ISAM Data set Organization Dependent report cannot be produced for data set name (ddd) on volume (vvv) due to the condition described in the text field at the end of the message. The data set is bypassed.

0240

(ddd) ON (vvv) COMPRESSED

Reason:

PDS (ddd) on volume (vvv) has been successfully compressed with the PDS Compress function of CADisk. See the PDS Compress report for the new space allocation attributes associated with the PDS.

0242

(ddd) ON (vvv) CANNOT BE COMPRESSED: ALLOCATED

Reason:

PDS (ddd) on volume (vvv) cannot be compressed. An attempt to issue an exclusive enqueue failed because the data set was in use by another task.

0245

(ddd) CANNOT BE UNCATALOGED: DATA SET NAME EXEMPTED

Reason:

Data set (ddd) was not uncataloged because the data set name is one of a protected class, which CADisk will not uncatalog. It has a data set name of SYSCTLG, PASSWORD or SYS1. To provide system integrity, CADisk will not uncatalog this data set.

0246

(ddd) NOT RESTORED: PREALLOC SYSPARM DID NOT ALLOW DATA SET ON (vvv) TO BE OVERLAID

Reason:

Data set (ddd) cannot be restored because it was found to be preallocated on volume (vvv) and sysparm PREALLOC has not been specified with either a Y or C to permit use of the preallocation. The data set is bypassed.

0250

DAYS NOT NUMERIC FOR (ttt) TABLE ENTRY (eee)

Reason:

The value in the days field of an entry in the indicated RETVOLSPEC entry is not numeric. The first 14 characters of the incorrect entry are displayed. Correct the entry and resubmit the job.

0255

(ddd) ALREADY IN THE QUEUE WAITING TO BE PROCESSED

Reason:

The deferred command is rejected because it has been requested previously and is still pending. Processing continues with the next command.

0257

NON-NUMERIC CHARACTER IN FILEDEFN ENTRY (ccc)

Reason:

Generation of the file control block abended because an invalid value was detected in a numeric field of an entry of the FILEDEFN table. Correct the entry and resubmit the job.

0258

FILES DATA SET HAS NOT BEEN INITIALIZED

Reason:

CADisk did not find the file control block at the beginning of the first physical block of the Files Data Set, and the processing abended. Execute the files initialization utility or reorganize the Files Data Set, then resubmit the job.

0259

VOLUME LEVEL REPORT (rrr) CANNOT BE DISPLAYED

Reason:

The report (rrr) cannot be produced by use of the DISPLAY command because a volume scan is required to produce it. The request should be resubmitted with the REPORT command.

0260

USERID (uuu) NOT AUTHORIZED FOR DSN (ddd)

Reason:

The TSO user is not authorized access to data set name (ddd) because the high-level node does not correspond to the user ID. The data set is bypassed.

0262

(ddd) ON (vvv) CANNOT BE COMPRESSED: NOT PDS

Reason:

Data set (ddd) on volume (vvv), which was named in an explicit COMPRES command, cannot be compressed because the data set organization field in the format-1 DSCB does not indicate it is a partitioned data set. The data set is bypassed.

0263

(ddd) ON (vvv) CANNOT BE COMPRESSED - BLDL FAILED

Reason:

PDS (ddd) on volume (vvv) cannot be compressed due to a failure to retrieve an alias directory entry through a BLDL macro. The data set is bypassed.

0264

NEGATIVE BLOCK LENGTH ENCOUNTERED IN COMPRESS UNLOAD

Reason:

During the copying of a physical data block from a PDS to the work file, a negative block length was detected. Because this is considered to be a program logic error, a dump is taken. For assistance, contact CA Technical Support.

0266

REALLOCATION OF PDS SPACE HAS FAILED, ABEND 200 PREALLOCATE DATA SET AND USE RELOAD COMMAND TO RECOVER DATA SET

Reason:

Compress processing has abended because the unloaded data set cannot be reallocated on the same volume. This condition normally is a result of another task taking space on the volume between the time it was scratched and the time the reallocation was attempted.

Action:

The data set will have to be manually allocated on the same or a different volume and restored with the RELOAD command before compression processing can resume. See previous error messages for information about the data set being processed and the exact cause of the allocation error.

0267

(ddd) ON (vvv) NOT RELOADED: NO CONTROL RECORD

Reason:

Data set (ddd) cannot be reloaded to volume (vvv) because no control record was found at the beginning of the work file. This condition can be caused by incorrect specification of the work file DSNAME or may result from the fact that a reload is not needed.

0268

(ddd) ON (vvv) NOT RELOADED: NO DSCB RECORD

Reason:

The reload operation for data set (ddd) on volume (vvv) was prematurely terminated when the format-1 DSCB for the unloaded data set was not present at the point in the work file where it was expected. The output of the previous run should be inspected first to ensure that a reload is, in fact, necessary, and that the correct data set is named as a work file.

0269

(ddd) ON (vvv) NOT RELOADED: OBTAIN FAILED

Reason:

Data set (ddd) on volume (vvv) cannot be reloaded because the format-1 DSCB for the target set cannot be retrieved with the OBTAIN macro. Verify that the specified data set has in fact been allocated on the indicated volume.

0270

(ddd) ON (vvv) NOT RELOADED: ZERO BLOCKSIZE

Reason:

The reload attempt was terminated because the DCB BLKSIZE field in the format-1 DSCB for the preallocated data set (ddd) on volume (vvv) is zero. The job may be resubmitted after the data set has been reallocated with the proper block size from the last copy back message.

0271

NEGATIVE BLOCK LENGTH ENCOUNTERED IN COMPRESS RELOAD

Reason:

A dump was taken during the execution of PDS Compress because a condition was encountered which was caused by either an invalid work file or a program logic error. For assistance, contact CA Technical Support.

0272

PREMATURE END OF WORK FILE

Reason:

The Compress operation abended due to a condition, which should not occur. For assistance, contact CA Technical Support.

0273

(ddd) ON (vvv) NOT RELOADED: DIRECTORY FORMAT ERROR

Reason:

Data set (ddd) on volume (vvv) cannot be restored because an error was encountered while attempting to format the directory of the preallocated data set. Review the JCL for the preallocation to ensure that it contained the proper parameters from the copy back message immediately prior to the abend.

0275

(ddd) ON (vvv) NOT RELOADED: NOT PDS

Reason:

The reload was abended for data set (ddd) on volume (vvv) because the data set organization field in the format-1 DSCB of the data set to which the contents of the work data set were to be restored indicated that the preallocation was not a PDS. The reload may be resubmitted after a PDS is allocated for a target.

0276

(ddd) NOT COMPRESSED ON (vvv): DCB ABEND (xxx)

Reason:

A DCB abend exit was taken while attempting to open or close the directory for PDS (ddd) on volume (vvv). The first three bytes of the abend code specify the address of the ABEND parameter list. The PDS is probably in error and has been bypassed.

Note: For analysis of the ABEND parameter list, see the IBM *Data Management Services Guide*.

0277

(ddd) NOT COMPRESSED ON (vvv): SYNAD ROUTINE ENTERED

Reason:

An unrecoverable I/O error occurred while processing data set (ddd) on volume (vvv). The specified volume indicates whether the error occurred while reading the source data set or while writing the new target data set. The data set is bypassed. If the source data set incurred the error, examine the data set to determine if it needs to be recovered.

0279

DCB BLKSIZE PARAMETER MISSING FOR COMPWORK DD STATEMENT

Reason:

The DD statement used for the PDS Compress function did not have a value specified in the DCB BLKSIZE subparameter. A recommended value is the track capacity of the host device rounded down to an even number (multiple of 2).

0280

NOTE LIST RECORD NOT PRESENT IN COMPRESS DATA SET

Reason:

A note list record, which should have been present in a PDS being compressed, was not found. This condition prevents successful compression of the data set.

0281

OBTAIN FAILED FOR DSN=(ddd); OBTAIN RETURN CODE (xxx)

Reason:

An attempt to retrieve the format-3 DSCB for data set name (ddd) failed. The return code from the cchh option of the OBTAIN macro is displayed in hexadecimal format.

0283

UCB LOOKUP FAILED FOR VOLUME (vvv)

Reason:

Volume (vvv) cannot be found by a search of the UCB table. This is considered a program error at the point of occurrence, and processing is terminated. For assistance, contact CA Technical Support.

0284

(ddd) NOT ALLOCATED: ZERO DIRECTORY BLOCKS

Reason:

PDS (ddd) cannot be allocated because the directory block count field is zero. An attempt to allocate such a data set would force a S0C4 abend in DADSM ALLOCATION processing. The data set is bypassed.

0287

RESTORE FAILED REQUESTED = (ddd) FOUND DSN = (nnn) IN ARCHIVES

Reason:

Data set (ddd) was not restored because the control record in the first block of the data set on the archive tape did not contain the correct data set name, but was data set name (nnn). This condition typically results from the reuse of an archive tape for scratch output while some index records are yet to be deleted. A subsequent attempt to restore a data set, which is no longer on the archive tape, would cause this to occur. A purge followed by a rebuild would remedy the situation.

0290

DEVTYPE (xxx) FOR VOLUME (vvv) NOT SUPPORTED FOR ISAM RESTORE

Reason:

The ISAM edit module does not recognize the device type (xxx) for volume (vvv) to which the restore is requested. If this message is issued when the device is a standard IBM DASD unit. For assistance, contact CA Technical Support.

0292

(ddd) NOT CATALOGED TO (vvv), ALREADY CATALOGED TO (ccc)

Reason:

Restored data set (ddd) was not cataloged to volume (vvv) to which it was restored because the data set name was already in the system catalog with another volume (ccc). The data set will remain online as a disconnected data set.

0294

DATA SET NAME = (ddd) WAS NOT (aaa) BECAUSE IT IS A MULTIVOLUME DATA SET

Reason:

Data set (ddd) was not (aaa) because it spans more than one volume and the ARCMULTI sysparm was not specified. In order to (aaa) multivolume PS and DA data sets which are located on two to five volumes, the ARCMULTI sysparm must be specified with a value of Y.

Action:

Set ARCMULTI sysparm to Y.

Note: For more information on processing multivolume data sets, see the chapter "Multivolume Data Sets" in the *User Guide*.

0295

(ddd) NOT (aaa): (nnn) VOLUMES EXCEED LIMIT OF FIVE

Reason:

The multivolume data set (ddd) cannot be (aaa) because the number of volumes is greater than the five-volume limit that CADisk currently handles. The data set is bypassed.

Messages 0300-0399

0300

ASSIGN COMMAND TO BUILD VOLUME INDEX FOR (vvv) IGNORED, NO VOLUME SUPPLIED AS A COPY

Reason:

A copy volume cannot be created for archive volume (vvv) because no copy volume was supplied through the COPY parameter. The command should be attempted again with the appropriate copy volume specified as required.

0301

NO DATA SETS RESTORED TO VOLUME (vvv)

Reason:

This message is issued upon completion of processing of one or more RECOVER commands when no data sets have been restored. Verify that you spelled the volumes and data set names correctly, and that you did not specify conflicting parameters. Also check for error messages that explain the results.

0302

POOL BUFFER IS FULL: MAX ENTRIES = (nnn) SYSPARM DASDPMAX MAY BE USED TO INCREASE THE MAXIMUM

Reason:

The capacity of the buffer that stores DASD pool table entries has been exceeded. You can increase this value by using sysparm DASDPMAX.

Note: For more information, see the description of sysparm DASDPMAXnnn in the *Systems Guide*.

0303

VOLUME BUFFER IS FULL: MAX ENTRIES = (nnn) SYSPARM DASDVMAX MAY BE USED TO INCREASE THE MAXIMUM

Reason:

The capacity of the buffer that stores DASD pool volumes has been exceeded. For further information, see message number 0302.

0308

(ddd) ON (vvv) NOT ARCHIVED DUE TO OPEN ERROR

Reason:

The attempt to open data set (ddd) on volume (vvv) for processing failed and it has been bypassed.

0309

VOLUME (vvv) REJECTED AS A SCRATCH TAPE - STILL IN ARCHVOLS FILE. SEE MESSAGE GUIDE FOR RECOVERY.

Reason:

An archive tape volume (vvv) was mounted as scratch but was found to still exist in the ARCHVOLS file as a valid archive tape. The tape cannot be used as an archive scratch tape until the data sets on it are either purged from the index (index maintenance function) or copied to another tape. This tape has been rejected and another scratch tape requested. This condition is caused by either not keeping the CADisk index synchronized with the scratch tapes, or an operator error in mounting the tape.

Action:

REQUIRED! Since the tape was mounted as an output scratch tape, an output label was written at the beginning of the tape. CADisk then attempted to insert the tape volume into the ARCHVOLS and discovered that it was already there (from a prior use of the tape).

If the data on the tape (from the prior use) is no longer valid, use the index maintenance PURGE command to remove the tape from the ARCHVOLS. If the data is still valid, all but the first data set on the tape can be recovered by using the Archive Fix Utility.

Note: For more information, see the section See Archive Fix Utility in the *Systems Guide*.

0310

DYNAMIC ALLOCATE OF (ddd) ON (vvv) FAILED: RC (xxx) REASON (xxx) INF (xxx)

Reason:

An attempt to dynamically allocate an archive data set (ddd) on volume (vvv) failed. The return code, error reason code and information reason code returned by SVC 99 is each displayed in hexadecimal format. See the IBM *Job Management Guide* for an explanation of codes. No data sets that had been archived to the referenced archive tape will be restored.

0313

DD STATEMENT MISSING FOR OWNER WORK DATA SET

Reason:

The owner DD statement is missing for a function that requires it. Supply the correct DD statement and rerun the job.

0314

LIMIT OF (nnn) EXCEEDED: FILE (ccc) AND FOLLOWING DROPPED

Reason:

Member FILEDEFN of the PARMLIB data set contained more entries for logical subfiles than the internal control block structure for the Files Data Set can accommodate. This message displays the name of the first logical file from the FILEDEFN member that was dropped.

0315

INVALID OPTION PASSED TO MODULE

Reason:

An invalid option code was passed to a multifunction module. This is considered a program error and a dump is forced. For assistance, contact CA Technical Support.

0316

(ccc) I/O ERROR FOR VOLUME (vvv), CCHH = (xxx)

Reason:

A permanent I/O error was encountered while accessing the indicated unit, volume, and CCHH (CCHH value is in hexadecimal). Message 0317 displays additional data about to this error.

0317

ECB = (xxx), STATUS = (xxx), SENSE = (xxx), CMD = (xxx)

Reason:

This message follows message 0316. The ECB completion code, status bytes, sense bytes and channel command are presented in hexadecimal format. See the IBM System/370 Reference Summary for an explanation.

0320

INVALID FIELD CODE (ccc) DETECTED BY REPORT WRITER

Reason:

The displayed field code was not recognized by one of the report writer modules. For assistance, contact CA Technical Support.

0321

REPORT TABLE NAME (ttt) NOT DEFINED

Reason:

The report table name encountered in the prefix of an input record to the report writer was not found as a member name in PARMLIB. Verify that you are using the correct PARMLIB and that the member is usable. For assistance, contact CA Technical Support.

0322

NO CONTROL ENTRY IN REPORT TABLE FOR (ttt)

Reason:

The control entry for the designated report was not found in the REPORT table. Since the control entry is required, CADisk will abend. For assistance, contact CA Technical Support.

0323

NO HEADER ENTRY IN REPORT TABLE FOR (ttt)

Reason:

The report writer did not encounter a header line entry for the specified report. At least one header line is required for each report. If a CADisk report was being written at the time the message was issued. For assistance, contact CA Technical Support.

0324

NO DETAIL ENTRY IN REPORT TABLE FOR (ttt)

Reason:

The report writer did not encounter a detail line entry for the specified report. At least one detail line is required for all reports. For assistance, contact CA Technical Support.

0325

INVALID FIELD LENGTH IN TABLE ENTRY (ccc)

Reason:

The field length field in table entry (ccc) does not contain a valid value for the type of field specified. Correct the entry and resubmit the job.

0326

INVALID RECORD POSITION IN TABLE ENTRY (ccc)

Reason:

The record position field in table entry (ccc) does not contain a valid value for the type of field specified. Correct the entry and resubmit the job.

0327

INVALID PRINT POSITION IN TABLE ENTRY (ccc)

Reason:

The print position field in table entry (ccc) does not contain a valid value for the type of field specified. Correct the entry and resubmit the job.

0328

INVALID TARGET LENGTH IN TABLE ENTRY (ccc)

Reason:

The target length field in table entry (ccc) does not contain a valid value for the type of field specified. Correct the entry and resubmit the job.

0329

INVALID FIELD TYPE IN TABLE ENTRY (ccc)

Reason:

The field type code in table entry (ccc) was not one of the valid types for the report writer.

Action:

Correct the entry and resubmit the job.

Note: For a list of acceptable codes, see Special Field Types for Position 4 in the section Tables for Report Formatting in the *Systems Guide*.

0330

CONTROL FIELD DEFINITION INVALID FOR TABLE (ttt)

Reason:

An erroneous condition was detected during processing of the control entry from report table (ttt). Correct the entry and resubmit the job.

0331

HEADER FIELD DEFINITION INVALID FOR TABLE (ttt)

Reason:

An erroneous condition was detected during processing of a header entry from report table (ttt). Correct the entry and resubmit the job.

0332

DETAIL FIELD DEFINITION INVALID FOR TABLE (ttt)

Reason:

An erroneous condition was detected during processing of a detail entry from report table (ttt). Correct the entry and resubmit the job.

0333

INSUFFICIENT MEMORY AVAILABLE FOR (ttt)

Reason:

The memory available for a REPORT table was inadequate for report table (ttt). For assistance, contact CA Technical Support.

0334

REPORT LINE GROUP ENCOUNTERED WITH NO LINES

Reason:

The report writer was unable to find a detail line for a report being generated. This is considered a program error and a dump is requested. For assistance, contact CA Technical Support.

0335

REPORT LINE ENCOUNTERED WITH NO FIELDS

Reason:

The report writer detected a report control block with zero as the field count. This is a program error and a dump is forced. For assistance, contact CA Technical Support.

0336

INVALID FIELD TYPE CODE PASSED TO FIELD PROCESSING MODULE

Reason:

The report writer passed an unrecognizable field type code to one of the Field Edit modules. This is considered a program error and a dump is taken. For assistance, contact CA Technical Support.

0339

ALLOCATION REQUESTED FOR (ddd) ON (vvv) HAS FAILED; ALLOCATION WILL BE RETRIED WITHOUT THE CONTIGUOUS ATTRIBUTE

Reason:

Allocation failed for PDS (ddd) on volume (vvv) during PDS Compress copy-back. The allocation amount was calculated by one of the following:

- The original primary plus secondary extents the ALLOCATE= parameter
- The SPACE= parameter

This type of allocation failure can usually be attributed to fragmented free space on the target volume. The allocation will be retried without requesting the space in contiguous tracks.

Note: If the data set was allocated using the "CONTIG" attribute for performance reasons, you may want to move the data set to another volume, which can satisfy the allocation request.

0340

ALLOCATION REQUESTED FOR (ddd) ON (vvv) HAS FAILED: REQUESTED AMOUNT WILL BE ADJUSTED TO (nnn) TRACKS AND THE ALLOCATION RETRIED.

Reason:

Allocation failed for PDS (ddd) on volume (vvv) during PDS Compress copy-back. The allocation amounts were calculated by one of the following:

- The original primary plus secondary extents the ALLOCATE= parameter
- The SPACE= parameter

This type of allocation failure can usually be attributed to fragmented free space on the target volume.

A new primary allocation amount will be calculated, based on the volume's free space extents. The secondary allocation amount is then adjusted to compensate for the new primary amount. The directory block allocation will be checked to ensure that all directory blocks requested will fit into the first extent. If the number of directory blocks requested will not fit into the first extent, the allocation will be adjusted so that the number requested will equal the maximum allowed or the maximum required, whichever is larger. If the adjusted allocation amounts cannot be satisfied and this allocation fails as well, CADisk will then attempt to allocate the PDS using its original allocation amounts.

0342

ARCHVOLS RECORD NOT RETRIEVED FOR VOLUME (vvv)

Reason:

CADisk found no record in the ARCHVOLS file for the data sets to be merged. You may either rebuild the ARCHVOLS record and resubmit the merge job, or purge the ARCHVOLS to eliminate all index entries that reference archive tape volume (vvv).

0345

VOLUME (vvv): EXPECTED FILE NOT (nnn): FOUND FILE NUMBER (nnn)

Reason:

During merge processing, an index record for a data set was selected which was incompatible with the current content of the archive tape volume (vvv). This is normally a consequence of an archive tape being used as archive scratch before all of the data sets previously archived to it have been deleted. A purge on the volume following the merge of all current data sets will eliminate the problem.

0348

(ddd) ON (vvv) (nnn) TRACKS NOT AVAILABLE: ORIGINAL (nnn) TRACKS REQUESTED

Reason:

PDS Compress was not able to allocate a new PDS (ddd) because of space limitations on volume (vvv) when requesting (nnn) tracks. Data set (ddd) was reallocated and copied back with its original attributes. If message 0240 follows, the PDS has been successfully compressed. Step condition code is set to 04.

0349

OBTAIN FAILED FOR FORMAT-4 DSCB: JFCBVOLS (vvv), OBTAIN RC = (xxxx)

Reason:

CADisk cannot locate the format-4 VTOC entry for volume (vvv). The OBTAIN macro used to retrieve the entry returned an unexpected status code of (xxxx).

Action:

Verify the volume is available and online to the system when CADisk is running. For assistance, contact CA Technical Support.

0350

(fff): STEP DOWN: HIGH KEY (ccc)

Reason:

During a validation run, CADisk detected a key number that is out of sequence. This message displays the key of the logical record immediately preceding the record, which is out of sequence. The next message displays the key of the logical record that is out of sequence.

0351

(fff): STEP DOWN: KEY (kkk)

Reason:

During a validation run, CADisk detected a key number that is out of sequence. This message displays the key of the logical record that is out of sequence. The previous message displays the key of the logical record immediately preceding the record, which is out of sequence. For assistance, contact CA Technical Support.

0352

(fff): BLOCK COUNT LESS THAN NUMBER OF BLOCKS

Reason:

During a validate of logical file (fff), the block count was less than the number of data blocks encountered. This discrepancy may be corrected by reorganizing the Files Data Set at a convenient time.

0353

(fff): PREMATURE END OF BLOCK CHAIN: RESIDUAL COUNT (nnn)

Reason:

During a validation of file (fff), the data block chain ended before the block count reached zero. The condition may be corrected with a reorganization of the Files Data Set. However, if the record count is less for the file than it should be, for assistance, contact CA Technical Support.

0354

(fff): EMPTY DATA BLOCK: RBA (xxx)

Reason:

A data block with zero records was encountered for logical file (fff). This condition may be corrected by a reorganization of the Files Data Set.

0355

(fff): KEY DISCREPANCY: INDEX RBA (xxx): KEY (ccc)

Reason:

For logical file (fff), the key in the index block entry, which corresponds to a specific data block, does not match the highest key currently in the data block. This message displays the key and RBA of the index entry. Message 0356 is related and is always issued along with this one.

0356

(fff): KEY DISCREPANCY: BLOCK RBA (xxx): KEY (ccc)

Reason:

For logical file (fff), the high key in the data block at the indicated RBA is displayed in this message. Reorganize the Files Data Set to correct the condition referenced by messages 0355 and 0356.

0357

(fff): LAST INDEX ENTRY KEY NOT HEX 'FF': (xxx) (ccc)

Reason:

For logical file (fff), the high key in the index for the subject file was not high values as originally formatted. For assistance, contact CA Technical Support.

0358

(fff): LOOP ENCOUNTERED IN CHAIN: VALIDATE TERMINATED

Reason:

A loop was detected in the data block chain while logical file (fff) was being validated. For assistance, contact CA Technical Support.

0359

OVERFLOW BLOCK RBA POINTER FOUND = xxxxxxxx

Reason:

During subfile validation, an overflow block pointer (xxxxxxxx) was found and the subfile had overflow blocks (indicated by the overflow block count in the Files Status report).

0359

OVERFLOW BLOCK RBA POINTER FOUND = xxxxxxxx BUT NO OVERFLOW BLOCK COUNT

Reason:

During subfile validation, an overflow block pointer (xxxxxxxx) was found but the subfile had NO overflow blocks (indicated by the zero overflow block count in the Files Status report).

Action:

For assistance, contact CA Technical Support.

0360

ZERO LEN INVALID

Reason:

An entry was detected in the sysparm member, which had a length of zero. List the member and correct the entry before attempting additional CADisk processing.

0361

SYSPARM ENTRY DBDSNCFD LEVEL GR 4: DBDSNCFD = (ccc)

Reason:

The value of the DASD space billing sysparm DBDSNCFD had a number greater than four. Correct the entry and resubmit the billing run.

0363

ARCHIVE VOLUME SPACES FOR DSNAME (ddd)

Reason:

A NULL volume was passed to the archive tape dynamic allocation module. No data sets on the associated archive tape can be processed until a valid ARCHVOLS record can be obtained. The LISTV function can be used to print the contents of all ARCHVOLS records. If necessary, the purge function can be used to delete the incorrect ARCHVOLS record. Then rebuild can be employed to construct a valid ARCHVOLS record for the archive tape.

0364

SYSPARM (ccc) HAS INVALID LENGTH OF HEX (xxx)

Reason:

The designated entry in the sysparm member has a length that is either fewer than 8 or more than 44 characters. Update the entry before you execute a program that references the sysparm.

0366

SYSPARM (ccc) TAPE DENSITY OF (ccc) INVALID

Reason:

The tape density value specified for the sysparm designated is not a legitimate tape density. Specify a value of either 6250 or 1600 for this sysparm.

0367

INVALID USERCODE LENGTH: 1 to 12 VALID: USRCDLEN = c2

Reason:

The value specified for sysparm USRCDLEN is not within the acceptable range of 1 to 12 characters. Replace the value with a valid two-digit value, then resubmit the job.

0368

STOW RETURN CODE (xxx) FOR ALIAS (ccc) IN (ddd) ON (vvv)

Reason:

A non-zero return code as indicated was received when attempting to STOW an alias entry for data set (ddd) on volume (vvv). Report this condition to CA Technical Support.

0369

BUFFER SIZE OF (nnn) INSUFFICIENT FOR (ddd) ON (vvv)

Reason:

PDS (ddd) on volume (vvv) cannot be compressed with the fast option of the BSAM Compress support without increasing an internal block buffer. For assistance, contact CA Technical Support.

0370

DEFERRED WRITE OPTION NOT PERMITTED FOR FILE (ccc): IGNORED

Reason:

The deferred write option, which was specified in the file define entry for file (ccc), is ignored. The nature of processing for the file precludes use of the deferred writes technique.

0371

(nnn) (ccc) COMMANDS PROCESSED

Reason:

This message provides the number of commands requesting deferred processing for the specified function at end-of-file for the command input stream.

0380

0381

DUPLICATE COPY NOT PRODUCED, ARCHIVEC DD DUMMY

Reason:

This informational message indicates that a duplicate copy was not produced during archival because the DUMMY parameter was specified on the ARCHIVEC DD statement.

0385

NO INPUT RECORDS TO RELOAD, ALL FILES ARE EMPTY

Reason:

No records were found for any valid file during reload processing. The run is abended because the sequential data set was empty.

0386

VOLSPEC ENTRY WITH SELECTION TYPE (ccc) IS INVALID: CORRECT AND RERUN

Reason:

An invalid disposition type specification was detected during the edit of the current RETVOLSPEC table during retention control processing. Correct the table and resubmit the job.

0387

(ddd) ON (vvv) BYPASSED, REASON = (rrr)

Reason:

Data set (ddd) on volume (vvv) was not processed as requested for the reason indicated. Processing continues with the next data set. If the reason is DISK ARCHIVES NOT ALLOWED, the file was rejected from processing because it is a CADisk disk archive data set. CADisk does not allow processing of these files with RETAIN.

Note: For techniques on managing these files, see the section FDS Managment in the *User Guide*.

0390

UNCATALOG MACRO FAILED, RC= (nnn), FOR DELETED ARCHVOLS RECORD: VOL= (vvv), DSN= (ddd)

Reason:

The attempt to uncatalog the data set name in the ARCHVOLS record for the merged archive tape failed. The return code is displayed as a numeric value and the volume of the involved tape is indicated.

0391

GDG DSN = (ddd) ON (vvv) NOT MIGRATED: CONFLICT: CATALOGED TO (vvv), RESOLVE, RERUN

Reason:

The sequential generation data group data set was not selected for migration to tape because the system catalog contained a different volume for the data set than that on which the data set was encountered.

0392

(ddd) NOT CATALOGED TO (vvv), CATALOG RC = (nnn), REG 0 = (nnn), REG 1 = (nnn)

Reason:

The attempt to catalog the restored data set to the specified volume failed. The contents of registers 0 and 1 are displayed as numeric values. Except for the catalog action, the data set was restored successfully.

0393

COPY BACK STARTING, VOLUME=(vvv), DSNAME=(ddd)

Reason:

This message, from the PDS Compress function of CADisk, is issued for each PDS compressed. It indicates that the data for the PDS has been copied to the intermediate work file and that processing to reload the data is now starting. From this point until message 0240 is issued for the data set, the data set is in an incomplete status. If the job should abend before message 0240 is issued, the PDS is not completely reloaded, and the RELOAD function of PDS compress must be used to restart the data reloading process.

Message 0240 indicates successful compression of the data set. Message 2462 is issued before message 0240. It provides information needed should the RELOAD function be necessary. Review the message description for message 2462 for more information.

0394

(ddd) ON (vvv) NOT ARCHIVED DUE TO PREVIOUS ERRORS

Reason:

During CADisk archival of data set (ddd) from volume (vvv), CADisk encountered errors that prevented the data set from being archived successfully. The data set is not in the CADisk archives.

Action:

See previous error messages for information on the error that caused the problem. Resubmit the job to archive the data set.

0395

OPEN FAILED; RC = (xxx), VERIFY VOLUME IS ONLINE

Reason:

An attempt by the DASD EXCP support to open a DCB for processing failed because no UCB was available for the volume. This condition prevents the data set related with the subject volume from being processed.

Action:

See subsequent CADisk messages to determine the name of the PDS in error. Verify the PDS directory is valid. If it is invalid, recreate the PDS or restore it from an earlier version, then rerun the function to process the PDS.

0397

I/O ERROR READING DIRECTORY, GET RC = (vvv) or I/O ERROR READING DIRECTORY, MISSING EOF

Reason:

For the first form of the message, CADisk received an I/O error status code while attempting to read a directory block from a PDS. The error code was returned from the CADisk EXCP access routines. See EXCP Access Method Return Codes in the appendix "Common Return Codes" for descriptions of error code meanings. For the second form of the message, the end-of-file mark to indicate the end of the directory was not found.

For both forms of the message, CADisk processing for the data set is terminated. It has not been processed.

Messages 0400-0499

0400

(ddd) NOT COPIED FROM (vvv) DUE TO ERROR

Reason:

Data set (ddd) was not migrated from the source volume (vvv) as a result of an error described in a previous message. A flagged entry in the SYSPRINT migration report will appear for this data set.

0401

SYNAD ENTERED FOR (ddd) ON (vvv)

Reason:

An I/O error was encountered for data set (ddd) on volume (vvv). It cannot be copied and is flagged as an error on SYSPRINT.

0402

DCB ABEND (xxx) FOR (ddd) ON (vvv)

Reason:

A DCB abend exit was taken for data set (ddd) on volume (vvv). The translated hexadecimal code with a trailing zero appears prior to the data set name in the message. The data set is not processed and appears with an error flag on the SYSPRINT listing.

0403

STOW RETURN CODE (xxx) FOR (ccc) IN (ddd) ON (vvv)

Reason:

A non-zero return code was encountered when an attempt was made to STOW the directory entry for member (ccc) in data set (ddd). The specified data set is not copied from the source volume (vvv) and is flagged on the SYSPRINT listing.

0405

BLDL RETURN CODE (xxx) FOR (ccc) IN (ddd) ON (vvv)

Reason:

PDS (ddd) was not copied because CADisk encountered a non-zero return code when a BLDL macro was issued for member (ccc) on source volume (vvv). The data set is flagged in the SYSPRINT report.

0406

(ddd) NOT IN SYSTEM CATALOG: LOCATE RETURN CODE (xxx)

Reason:

The data set named in a COPY command without the VOLUME keyword cannot be copied because it does not have an entry in the system catalog.

0407

DATA SET NAME = (ddd) NOT FOUND ON VOLUME = (vvv)

Reason:

Data set (ddd) does not exist on volume (vvv) specified for the source location. The system catalog is searched for the volume if the VOLUME keyword is not present.

A system OBTAIN macro was issued to retrieve the format-1 DSCB from the VTOC of volume (vvv). OBTAIN indicated the data set name supplied was not found on the volume.

Action:

Verify the data set name was spelled correctly and, if the VOLUME parameter was supplied, the volume name is correct. If the volume name was not supplied, ensure the catalog entry is correct for the data set.

0408

OBTAIN FOR FORMAT-4 DSCB ON (vvv) RETURN CODE (xxx)

Reason:

The non-zero return code appearing at the end of the message was encountered when an attempt was made to obtain the format-4 DSCB for volume (vvv). This condition is normally an indication of hardware problems with the device upon which the volume resides.

0410

DEVTYPE RETURN CODE (xxx) FOR DDNAME (ccc)

Reason:

A non-zero return code was encountered because of issuing the DEVTYPE macro for a target volume from the list supplied by the TOVOLUMES keyword. This may result from failure to provide a DD statement for a volume in the list.

0411

RECATALOG OF (ddd) FROM (vvv) TO (ttt) RETURN CODE (xxx)

Reason:

A non-zero return code was encountered when attempting to recatalog migrated data set (ddd) from source volume (vvv) to target volume (ttt). The data set remains migrated on the target volume.

Note: For more information about the return code, see the IBM *Data Management for System Programmers Guide*.

0413

NUMERIC BLKSIZE PARAMETER EXCEEDS 5 DIGITS: (ttt)

Reason:

The numeric value supplied as the value of the BLKSIZE keyword in the MIGRATE or COPY command contains more than the five allowable digits.

0414

INVALID NUMERIC BYTES IN BLKSIZE PARAMETER: (ttt)

Reason:

The numeric value supplied as the value of the BLKSIZE keyword in the MIGRATE or COPY command contains non-numeric characters.

0415

INVALID (ccc) FIELD IN (ttt) REBLOCK TABLE ENTRY ccc4

Reason:

An unacceptable value was encountered in the specified type of field in the indicated reblocking table entry.

0416

REBLOCK TABLE (ttt) NOT DEFINED

Reason:

The name of the table specified as the value of the BLKSIZE keyword does not exist in the PARMLIB data set.

0417

ONE OR MORE REBLOCK ENTRY ERRORS IN TABLE (ttt)

Reason:

Processing is terminated after processing the last entry of a reblocking table in which one or more erroneous entries were encountered.

0418

BLKSIZE FOR (ddd) ON (vvv) IS (nnn): FOUND (nnn)

Reason:

A conflict was detected between the block size in the format-1 DSCB and that of the physical blocks found while processing data set (ddd) on volume (vvv).

0420

INVALID OPTION CODE OF (xxx) PASSED TO MODULE

Reason:

An OPTION parameter contains an invalid value for the module to which it was passed. This is caused by a logic error in a calling module. For assistance, contact CA Technical Support.

0421

ISAM FORMAT-2 DSCB OBTAIN RC (xxx) FOR (ddd) ON (vvv)

Reason:

When trying to obtain the format-2 DSCB on volume (vvv), CADisk encountered a non-zero return code. Data set (ddd) was not processed.

0422

ISAM SYNAD EXCD (xxx) FOR (ddd) ON (vvv)

Reason:

A permanent I/O error was encountered while creating data set (ddd) on target volume (vvv). The DCB exception code bytes are translated for inspection in the message. The appendix of the IBM *Data Management Macros Guide* contains an explanation of the possible bits that may be set in the DCBEXCD1 and DCBEXCD2 DCB fields. The data set is not processed.

0423

ISAM INSUFFICIENT SPACE (xxx) FOR (ddd) ON (vvv)

Reason:

Space allocated on target volume (vvv) was exhausted when creating ISAM data set (ddd). The message provides the translated exception code bytes from the DCB. To copy the data set successfully, it must be preallocated with more primary space.

0424

BDAM RECFM U-V WRITE RC (xxx) FOR (ddd) ON (vvv)

Reason:

When CADisk attempted to write a block to volume (vvv), it encountered a non-zero return code. BDAM data set (ddd) was not processed.

0425

BLOCK (nnn) NOT MODIFIED: INVALID TTR ENCOUNTERED

Reason:

An invalid TTR was encountered while migrating a system catalog data set between unlike device types. The block is copied to the target volume without modification on the assumption that it is a disconnected catalog block. The block number indicated in the message is the actual sequential block number from the beginning of the catalog; that is, the first catalog block is indicated as block 1, not relative block. Check the validity of the copied SYSCTLG after a migration in which one or more erroneous blocks were identified by performing an automated comparison of IEHLIST SYSPRINT data sets for the source and target copies of the SYSCTLG.

0426

BLOCK (nnn) NOT MODIFIED: INVALID ENTRY FOUND

Reason:

Erroneous data was encountered while processing a block of a SYSCTLG data set being copied between unlike device types. The block is copied to the target device without modification. Although the block is probably disconnected, the same post-processing procedure recommended for message 0425 should follow the appearance of one or more of these messages for a SYSCTLG data set.

0427

(ddd) NOT MIGRATED FROM (vvv): ZERO BLOCKSIZE

Reason:

Data set (ddd) on volume (vvv) was not processed because the DS1BLKL field in the format-1 DSCB is zero.

0428

(ddd) NOT MIGRATED FROM (vvv) TO (vvv): SAME VOLUME

Reason:

No action was taken on data set (ddd) because volume (vvv) for the source data set was the same volume as for the target data set (vvv). The DASD migration does not support a move in place.

0429

(ddd) MIGRATED FROM (vvv) TO (ttt) WITH EXCEPTION

Reason:

CADisk did not complete processing of data set (ddd). Previous messages indicate the condition, which caused this action. The target volume copy of the data set is intact (vvv), but no catalog or scratch action is taken. Examples include invalid blocks in SYSCTLGS, and BDAM data sets being moved between incompatible device types.

0431

INVALID DSORG FOR (ddd) ON (vvv)

Reason:

Data set (ddd) was not migrated from source volume (vvv) because the DSORG field in the format-1 DSCB was not valid.

0432

(ddd) ON (vvv) ALLOCATED TO ANOTHER TASK

Reason:

CADisk is unable to process data set (ddd) on volume (vvv) because it is in use by another task. This condition was detected when CADisk issued an enqueue for the data set and received a condition code indicating it cannot obtain control of the data set.

0433

DEQUEUE FAILURE FOR (ddd) ON (vvv)

Reason:

The task is abnormally terminated because a dequeue attempt failed for data set (ddd) on volume (vvv) subsequent to a successful enqueue operation. Forward the dump to CA Technical Support.

0435

BLOCKSIZE NOT A MULTIPLE OF RECORD LENGTH

Reason:

A physical block was encountered by the reblock input module which was not a multiple of the logical record length for a data set with RECFM=FB. The following message will name the data set not processed.

Action:

To suppress this message, add ARCNOSTD with a value of Y to your BACKUP or ARCHIVE job.

Note: For more information, see the description of sysparm ARCNOSTDn in the *Systems Guide*.

0437

CATALOG ACTION FAILED FOR (ddd) ON VOL=(vvv), CATALOG RETURN CODE=(xx)

Reason:

CADisk encountered a non-zero return code when attempting to catalog a data set that was either renamed or not cataloged to the source volume. The return code at the end of the message is documented in the IBM *Data Management for System Programmers Guide*.

0439

(ddd) ON (vvv) UNCATALOG RETURN CODE (xxx)

Reason:

Data set (ddd) was copied successfully with the NEWNAME keyword, but it cannot be uncataloged from the source volume (vvv). See the IBM *Data Management for System Programmers Guide* for an explanation of the non-zero return code, which appears as the last message field.

0441

DYNAMIC ALLOC FAILED: RC = x(xxx), ERROR CODE = (hhhh), INFO = (iiii)

Reason:

CADisk was attempting to dynamically allocate a data set when an unexpected return code was returned from the system dynamic allocate routine.

Action:

See Dynamic Allocation Return Codes in the appendix "Common Return Codes" and the IBM *Job Management Guide* for SVC 99 return codes.

0448

I/O ERROR UPDATING DIRECTORY, RC = (xxx)

Reason:

CADisk has encountered an EXCP I/O error while updating the PDS directory being processed. The return code (xxx) is returned from EXCP processing routines. These return codes are documented in the appendix "Common Return Codes."

Action:

CADisk abends with a USER 100 abend as a result of this error.

0450

(ddd) ON (vvv) WAS NOT RESTORED DUE TO PREVIOUS ERROR(S)

Reason:

Data set (ddd) cannot be restored to volume (vvv) because of errors described in previous messages. Processing continues with the next data set.

0455

OPEN FAILURE, VERIFY DD STATEMENT FOR DDNAME (nnn) PROCESSING TERMINATED

Reason:

CADisk was unable to open the data set or file referenced by data set name (nnn). The data set name is either missing or information for the file is in error.

Action:

Determine the cause of the problem, correct it, and resubmit the job.

4574

EOT (RECORD TYPE "Z") FOUND FOR FILE NBR = (nnn). COMPLETE DATA SET WRITTEN TO DIFFERENT ARCHVOL.

Reason:

An EOT record was found which indicates CA Disk got an EOF return code while writing the data set to the archive media. The data set was started over and written to a different volume.

Action:

None. This is an informational message.

0458

MEMBER (mmm) WAS NOT ARCHIVED AND CANNOT BE RESTORED

Reason:

For partitioned data sets archived by CADisk prior to Release 7.5, a directory entry was archived for the archived data set for which no data was present on the archive tape. Having specified a member list when the data set was archived or backed up causes this.

0461

VSAM DELETE FAILED FOR (ddd)

Reason:

CADisk VSAM processing attempted to delete the named cluster (ddd), but the delete action failed. This message is followed by message 2546, which describes the actual condition returned by catalog management.

Action:

If in message 2546 the return code is 50 and the reason code is 18, consider using sysparm VSNOSCRO to circumvent this problem.

Note: For more information, see the description of sysparm VSNOSCROn in the *Systems Guide*.

0462

ARCHIVE0 and ARCHIVEC DD STATEMENTS MUST SPECIFY DIFFERENT DSNAMES (FOR GDG OPTION OR ARCHIVAL TO DISK)

Reason:

The data set names placed in the main and copy archive data set name parameters must be unique when the sysparm is specified for automatic cataloging of GDG data set names for the archive data sets. This is necessary to prevent the assignment of the same relative generation number to two different data sets.

Action:

If the main and the copy archive data sets are being written to disk rather than tape, the names must be unique in case they are on the same volumes; that is duplicate names are not allowed in a DASD VTOC.

For ARCHIVE

Correct the values of sysparms ARC0NAME and ARCCNAME.

For BACKUP

Correct the values of sysparms ARC0NAME and ARCCNAME.

For MERGE

Correct the values of sysparms MERPnNAM, MERCnNAM, and MERTnNAM.

For XCOPY

Correct the values of sysparms MERPnNAM, MERCnNAM, and MERTnNAM.

0465

DATA SET NAME APPEARS TO BE EMPTY

Reason:

The data set indicated appears to CADisk to be empty. This message is informational. CADisk will automatically archive empty data sets. Specify sysparm ARCEMPTY with a value of N to exclude empty data sets from being archived.

0470

RETAIN COMMAND BYPASSED: SIMULATE, DEFER AND ONLINE PARAMETERS MUST BE THE SAME AS ON THE FIRST COMMAND

Reason:

CADisk requires keywords SIMULATE, DEFER and ONLINE to be employed consistently in all commands specified in one execution of retention control.

Action:

To vary these parameters, run separate executions of this function.

0472

(ddd) ON (vvv) NOT SELECTED: (ccc)

Reason:

When a MIGRATE command is being processed, this message is displayed for each data set not selected. The reason for bypassing the respective data set appears as the last field in the message. Data sets excluded through the use of the DSNAMES keyword will not be printed with this message.

0475

REJECTED FOR USERID (uuu) BY INSTALLATION EXIT

Reason:

The CADisk command entered through TSO command processing installation standards indicate the user is not authorized to perform the requested function.

Action:

See your DASD manager for reasons why the command was not accepted for processing.

0476

(ddd) IS NOT CATALOGED TO PSEUDO VOLUME ARCIVE. SYSCTLG PARAMETER IS SPECIFIED

Reason:

When the SYSCTLG parameter is specified during restore, the data set (ddd) being restored must be cataloged to ARCIVE for processing to continue. The SYSCTLG parameter was added to the command structure of DMSAR for deferred requests.

0477

NO SPACE ON TARGET VOLUME(S) FOR (ddd), REQUESTED = (nnn), AVAILABLE = (nnn)

Reason:

When none of the volumes in the TOVOLUME list has sufficient space for a data set, this message appears.

0478

NO DATA SETS SELECTED FOR MIGRATION OR COPY

Reason:

No data sets met the criteria to be selected for copying or migrating. Specify the command statements again and resubmit the job.

0479

INCORRECT DSORG FOR PREALLOCATION OF (ddd) ON (vvv)

Reason:

Data set (ddd) was not copied to volume (vvv) with a preallocation because the format-1 DSCB on the target volume did not have the same DSORG as the corresponding source volume format-1 DSCB.

0480

RECATALOG DISPOSITION FOR (ddd) HAS BEEN IGNORED BECAUSE THE DATA SET WAS NOT ARCHIVED

Reason:

This message is printed because of a CADisk internal logic error. For assistance, contact CA Technical Support.

0481

(ddd) ON VOLUME (vvv) NOT ARCHIVED, RECFM= FS OR FBS DATA SET MUST HAVE NON-ZERO BLOCKSIZE

Reason:

Data set (ddd) has a spanned record format. It also has a block size of zero. CADisk cannot process data sets with these attributes. Either set the block size to a non-zero value or exclude the data set from processing by CADisk.

0482

PREALLOCATED DSCB FOR (ddd) ON (vvv): OBTAIN RC = (xxx)

Reason:

When CADisk tried to obtain the format-1 DSCB for data set (ddd), it encountered a non-zero return code and the data set was not processed. See the IBM DADSM PLM for an explanation of the return codes.

0483

FILES DATA SET NAME TO BE USED IN TSO IS = (ddd)PARMLIB DATA SET NAME TO BE USED IN TSO IS = (ttt) DMS SVC NUMBER TO BE USED IS = (nnn)

Reason:

This message is generated when a user updates member DMSPARMS to add or change the names of the data sets used by the TSO and ISPF features. It is an informational message only.

- (ddd) is the Files Data Set name
- (ttt) is the PARMLIB data set name
- (nnn) is the CADisk SVC NUMBER specified

0486

NO DATA SETS SELECTED FOR RELEASE

Reason:

This informational message from the Idle Space Release function informs you that no data sets met your selection criteria. Modify (correct) your selection criteria and resubmit the request.

0487

DATA SET NAME ON (vvv) NOT SELECTED - (xxx)

Reason:

CADisk Idle Space Release processing has rejected data set (ddd) for processing because of the reason stated in variable field (xxx). Correct the situation causing the data set to be bypassed and resubmit the job.

0490

RELEASE FOR DATA SET FAILED, VOL= (vvv), DSNAME=(ddd), REASON CODE = (XX)

0490

OPEN FOR DATA SET FAILED, VOL= (vvv), DSNAME=(ddd)

0490

CLOSE FOR DATA SET FAILED, VOL= (vvv), DSNAME=(ddd)

Reason:

One of the three messages listed above will be issued to indicate that either an open or close failed during the CADisk attempt to release idle space for a data set, or an error was returned from the PARTREL macro.

Action:

Previous messages may also have been issued which will provide more information concerning the error. You should also consult the JES JCL messages or IBM's *MVS/ESA System—Data Administration Guide* for an explanation of the reason code returned from the PARTREL macro.

0491

(ddd) ON (vvv) NOT RELEASED - IN USE

Reason:

Data set (ddd) on volume (vvv) was in use by another job at the time the space release was attempted. Therefore, the data set was bypassed and processing continued.

0493

(ddd) ON (vvv) NOT RELEASED - DSORG NOT PO OR PS

Reason:

CADisk processing encountered a data set with a DSORG that was invalid for Idle Space Release. The data set was bypassed and processing continued.

0495

VOLSER (vvv) REJECTED - rrrr TAPE ALREADY IN USE BY DMS TAPE IS IN ANOTHER DMS POOL TAPE ALREADY IN DMS ARCHIVES

Reason:

An update to one of the CADisk tape pools being used has failed for volume (vvv) because of the reason given in one of the variable texts.

0498

JCL VOLUME LIMIT OF 5 ALLOWS VOLUMES (vvv)

Reason:

The ARCHIVE0 or ARCHIVEC DD statement has more than five volume serials specified in it. CADisk currently supports a maximum of five volume serials. Only the volumes (vvv) printed in the message will be honored during this execution of CADisk.

0499

DD DUMMY NOT ALLOWED FOR (nnn)

Reason:

CADisk does not allow the ARCHIVE0 DD statement to be specified as DUMMY. This is a safety feature to ensure that data sets are not accidentally scratched without backup.

Action:

Specify the DD statements in //ARCHIVE0.

Note: For more information, see //ARCHIVE0 in the chapter "JCL DD Statements" in the *Systems Guide*.

Messages 0500-0599

0500

NO ARCHVOLS RECORD FOUND FOR VOLUME (vvv)

Reason:

The DSNINDEX record for an archived data set indicates that the archived copy of the data set exists on archive volume (vvv) but no corresponding ARCHVOLS record is available for the volume.

Action:

CADisk cannot successfully mount the archive tape volume. If the volume still exists and is valid, use the CADisk purge and rebuild functions to rebuild the proper Files Data Set entries for it. If the tape is not available, use the CADisk purge function to purge all CADisk references to it.

0501

NO DATA SETS WRITTEN TO ARCHIVE DATA SET VOLUME= (vvv) KEY= (kkk)

DSN= (ddd)

Reason:

The archive volume (vvv) has had no data written to it. The data set name (ddd) is the name of the archive data set. The key (kkk) is for the FDS ARCHVOLS subfile.

Action:

This condition usually occurs if CADisk is requested to archive only one data set and encounters an I/O or serialization error while processing it. If the output archive volume is a tape, it is returned to scratch status. If it is a disk volume, the unused output data is deleted.

0503

MSS IS NOT ACTIVE, REQVOL = (vvv)

Reason:

CADisk has been requested to process a virtual volume (Mass Storage), but found that the mass storage subsystem was not active. The command was bypassed. Resubmit the request when MSS is again active.

Action:

This message is also issued if the user has requested that a real volume be accessed that is not mounted on the system at the time of the CADisk execution. If this is the case, mount the volume and rerun CADisk. Verify the spelling of the volume requested.

0504

BAD RC FOR VOL = (vvv); (rrr), (ccc)

Reason:

During a CADisk attempt to locate mass storage (MSS) volume (vvv), an unexpected error has occurred. The volume was not located successfully.

The following fields from the message can be used to determine the exact nature of the problem. They are from the Mass Storage Access SVC (SVC12).

- (rrr) = SVC 126 return code
- (ccc) = SVC 126 reason code

0507

PDS CONTAINS ERROR IN DIRECTORY DATA: PDS IN ERROR IS DSNAME = (ddd) LOCATED ON DASD VOLUME = (vvv)

Reason:

CADisk encountered an invalid directory block while processing a PDS directory. This can be caused by many circumstances. Additional messages follow which will help determine the nature of the error. In certain cases the directory block in error will be dumped to the messages data set to aid in problem debugging.

Action:

Note: The correct format of PDS directory blocks and entries is described in the IBM *Data Management Services Guide*.

Correct the PDS directory and rerun the CADisk function to process the data set.

Note: If WARNING is printed as the first part of the message, CADisk will attempt to process the data set with the condition noted.

0513

(ddd) ON (vvv), MEMBER (mmm), TTRN (aaaa), COUNT (b)

Reason:

PDS data set (ddd) on volser (vvv) has a member (mmm) with a notelist that is the wrong size. The user ttr value is ttrn (aaaa) and the count is (b).

This message occurred because the user ttrn is invalid. Either there is no notelist, or the N in TTRN is the wrong size. The notelist size should be four times the N in TTRN.

Action:

Delete and recreate the member, or zap the correct value into the PDS directory.

0522

ARCHVOLS VOLUME (vvv) DSNAME (ddd) FILE NO (nnn) INVALID

Reason:

In reading archive volume (vvv), CADisk has determined that data set (ddd) is invalid. The file number of the data set on the tape is also printed (nnn). Disable the primary tape copy and use the duplicate copy to recover or restore the data set. This problem is usually caused by a malfunction of the tape drive when the tape is created.

0524

(ddd) ON (vvv) NOT RELOADED, BAD DIRECTORY BLOCK PREALLOCATE EMPTY DATA SET AND RELOAD AGAIN

Reason:

An I/O error has prevented PDS Compress from reloading PDS (ddd) on volume (vvv). The work file is still intact.

Action:

To restore the PDS, reload the PDS into a different allocation.

Note: For details of how to use the PDS Compress Reload command, see the section RELOAD Command in the *User Guide*.

0525

(ddd) ON (vvv) NOT RELOADED: BAD DIRECTORY BLOCK DETECTED AFTER RELOAD COMPLETED

Reason:

During a PDS Compress, CADisk encountered an I/O error while reloading PDS (ddd) on volume (vvv). The work file is still intact.

Action:

To restore the PDS, reload the PDS into a different allocation.

Note: For details of how to use the PDS Compress Reload command, see the section RELOAD Command in the *User Guide*.

0526

COPY TAPE (vvv) DSN = (ddd) FOR INPUT TAPE (xxx) SUCCESSFULLY CREATED

Reason:

This message informs the user of the relationship between new copy tapes and the original archive tapes. Copy tape (vvv) has been created from input tape (xxx).

0528

(ddd) ON (vvv) IS EMPTY: ONLY ALLOCATED ON (bbb)

Reason:

Source data set (ddd) on volume (vvv) was empty. An equivalent data set has been allocated on the target volume (bbb) but no data has been copied.

0532

TTR STEPDOWN ERROR (LOGIC), FOUND TTR = (ttt) EXPECTED TTR = (ttt), MBR TTR = (ttt)

Reason:

An unexpected TTR value has been found while processing a PDS note list block. The TTR entries are not in sequence by TTR as they are required to be. The data set is bypassed. The member in error can be determined through the use of the IEHLIST-LISTPDS utility.

0533

AT TTR = (ttt) RECORD IS GREATER THAN BLOCKSIZE, MBR TTR = (ttt)

Reason:

A PDS member data block at the specified TTR is larger than the block size assigned to the data set. The PDS attributes may be invalid and portions of the data set unusable. Verify the validity of the data set. The member in error can be determined with the IEHLIST-LISTPDS utility.

0534

ERROR READING MEMBER DATA AT TTR = (ttt)

Reason:

Additional messages explain the nature of the error encountered. The member in error can be determined with the IEHLIST-LISTPDS utility.

0535

LOGIC ERROR, TTR CONVERSION VALUE NOT FOUND IN (rr) TABLE, TTR = (ttt), MBR TTR = (ttt)

Reason:

CADisk found an unexpected TTR value while processing a PDS note list block. The member in error can be determined with the IEHLIST-LISTPDS utility.

0536

USER TTR RELATIVE RECORD TABLE EXCEEDED WHILE PROCESSING TTR = (ttt)

Reason:

The capacity of a CADisk internal table for holding user TTRs of PDS directory entries has been exceeded. See message 2141. Increase the value of CADisk sysparm PDSRRMAX and run the task again.

0537

I/O ERROR DURING WRITE AT TTR = (ttt) RESULT = (nnn), MBR TTR = (ttt)

Reason:

The track being written may be defective. See additional messages for clarification of error. Resubmit the request. The member being processed at the time of the failure can be identified through the IEHLIST-LISTPDS utility.

0538

ERROR WRITING EOF RECORD, RESULT = (nn)

Reason:

An unexpected condition has occurred. For assistance, contact CA Technical Support.

0540

EXCP PROCESSING ERROR, RESULT = (xxx)

Reason:

The following is a list of result codes and describes their implications:

0008

Implication: No input record was found.

0016

Implication: An I/O error has occurred.

0020

Implication: An x37 type error has occurred.

0040

Implication: An operation was attempted for a track outside the data set limits.

Note: Additional messages describing the error should also be present.

0543

INPUT FILE OPEN FAILED FOR DSN = (ddd) ON VOLUME = (vvv), RESULT = (nnn)

Reason:

Data set (ddd) on volume (vvv) is probably in error and cannot be processed. Correct the status of the data set and resubmit the request.

0544

OUTPUT FILE OPEN FAILED FOR DSN = (ddd) ON VOLUME = (vvv), RESULT = (nnn)

Reason:

Data set (ddd) on volume (vvv) is in error and cannot be processed. See previous error messages to determine the cause of the open error. Correct the status of the data set and resubmit the request.

0547

ERROR WRITING DIRECTORY BLOCK, RESULT = (nnn)

Reason:

EXCP processing encountered an output error while writing a PDS directory block. For assistance, contact CA Technical Support.

0548

ERROR PROCESSING PDS DIRECTORY, RESULT = (nnn)

Reason:

An analysis of the entries within the PDS directory detected non-standard conditions. Correct the PDS data set and resubmit the request.

0549

INVALID LENGTH DIRECTORY BLOCK, RESULT = (nnn)

Reason:

The PDS has an invalid directory block and cannot be processed. Correct the PDS and resubmit the request.

0550

NO REPORT RECORDS WRITTEN TO THE (ddd) DD DATA SET

Reason:

No report detail data has been generated because of the report commands entered.

Action:

Verify that all selection criteria on the report are correct and valid. Pay special attention to the data set name and volume parameters. The selection qualification has caused all potential data sets scanned to be rejected for reporting.

0551

RECATALOG OF (ddd) TO (vvv) FAILED: R15 = (xxxx), R0 = (yyyy): CONSULT IBM CATALOG MACRO RETURN CODES

Reason:

During an attempt to catalog data set (ddd) to volume (vvv), CADisk encountered a catalog error from catalog management routines. The contents of registers 15 and 0 indicate the nature of the error. The data set remains uncataloged.

Action:

Note: For a list of some of the common catalog error codes, see the appendix "Common Return Codes." Also consult the IBM message guide for IDC3009I to interpret the values of R15 (IBM return code) and R0 (IBM reason code).

Catalog the data set through use of standard IBM utilities.

0552

UNCATALOG OF (ddd) FROM (vvv) FAILED: R15 = (xxxx), R0 = (yyyy): CONSULT IBM CATALOG MACRO RETURN CODES

Reason:

Catalog management routines returned an error return code to CADisk because of a request to uncatalog data set (ddd) from volume (vvv). The data set has not been uncataloged.

Action:

Note: To determine the reason for the catalog processing error, use the value of register 15 (xxxx) and register 0 (yyyy) to look up the description in the appendix "Common Return Codes." Also, consult the IBM message guide for IDC3009I to interpret the values of R15 (IBM return code) and R0 (IBM reason code).

Uncatalog the data set manually using standard IBM utilities.

0554

(ddd) ON (vvv) NOT COMPRESSED: MEMBER (mmm) HAS MISSING NOTE LIST RECORD: NOTETTR = (ttt), RC = (xxx)

Reason:

The member named (mmm) in the PDS named (ddd) has a member with an incorrect format. The member should be deleted from the PDS and recreated properly.

Action:

The TTR (ttt) is the one in the directory entry that is incorrect. It probably points to a data block outside the member, or even the PDS.

0555

(ddd) ON (vvv): NO BLOCKS CAN BE ALLOCATED: SOURCE BLOCKSIZE INCOMPATIBLE

Reason:

The block size for data set (ddd) will not fit on a track of the device type of volume (vvv). If the data set organization permits, specify that the data set be reblocked to a compatible block size.

0556

(ddd) ON (vvv): NO BLOCKS CAN BE ALLOCATED ON TARGET: BLOCKSIZE INCOMPATIBLE

Reason:

The block size for data set (ddd) will not fit on a track of the device type of volume (vvv). If the data set organization permits, specify that the data set be reblocked to a compatible block size.

0563

(ddd) ON (vvv) NOT ALLOCATED RC=nn, ERR=nnnn, INF=nnnn

Reason:

CADisk tried to dynamically allocate data set (ddd) on volume (vvv), but failed. The reason it failed is contained in the error codes printed with this message (RC=nn, ERR=nnnn, INF=nnnn). See IBM *Guide XXX System Programming Library: Job Management* for the meanings of these dynamic allocation error reason codes (XXX = your operating system). CADisk continues processing.

0564

OBTAIN OF PREALLOC DSCB FOR (ddd) ON (vvv): RC = (rrr)

Reason:

During a restore to an existing data set allocation on volume (vvv), CADisk was unable to retrieve the VTOC entry for the data set from the volume. Return code (rrr) is the error code returned from the OBTAIN macro used to retrieve it. Verify that the data set exists on the specified volume. For OBTAIN return code explanations to further aid in problem determination, see the appendix "Common Return Codes."

When SMS-controlled data sets are restored to an explicitly named volume, this message is preceded by dynamic allocation errors that indicate a duplicate data set. If sysparm RESCRCAT is specified with the default value of N, this condition will occur. If the sysparm is specified with a value of Y, the data set will be restored under SMS control.

Action:

For cases where SMS-controlled data sets are being restored to an explicitly named volume, this message is proceeded by dynamic allocation errors indicating an existing duplicate data set. If sysparm RESCRCAT is set to N, the default, this condition will occur. If the sysparm is set to Y, the data set will be restored under SMS control.

0566

(ddd) ON (vvv), KEY = (kkk) REPORT = (rrr): INVALID DIRECTORY BLOCK

Reason:

The VTOC entry for data set (ddd) on volume (vvv) indicated the data set was a PDS, but an incorrect directory block was found in it during processing.

Action:

Use IBM or other utilities to verify the data set is a PDS of correct format. Recreate or reload an older valid version of the PDS to correct the problem.

0568

ddd NOT PROCESSED: CAPACITY OF ARCHIVE DATA SET EXCEEDED

Reason:

CADisk was unable to process data set (ddd) because it would not fit on the archive output data set.

Action:

If archiving to tape or 3480 cartridges, the size of the data set being processed indicated that it would require more than 255 volumes. If archiving to disk, CADisk selected 1 to 59 volumes with sufficient space, but during the archive run, some other task used the space on those volumes. Bypass the data set, or do one of the following:

- Ensure the data set will fit on 255 volumes by increasing tape density or length used.
- Ensure that the diskpool volumes have adequate space to hold the data set.

0575

ERROR IN OPEN FOR SOURCE DATA SET (ddd) ON (vvv), DATA SET IS BYPASSED

Reason:

There was an error in the data set, so it was bypassed.

0577

INCREASE SETTING OF UCBALLOC SYSPARM OR SUPPLY MORE (An) DD STATEMENTS.

Reason:

The current CADisk function requires the allocation of more volumes than are available to CADisk.

Action:

Under MVS operating systems, the number of volumes available is controlled by sysparm UCBALLOC. Increase the value of the sysparm by one or more and resubmit the job.

In non-MVS operating systems, the number of (An) DD statements controls the number of volumes available. Supply one or more additional (An) DD statements and resubmit the job.

Note: To determine the correct format and number of DD statements required, see the chapter "JCL DD Statements" in the *Systems Guide*.

0579

SUPPLY A (xxx) TYPE DD STATEMENT AND RESUBMIT

Reason:

See message 0577 for explanation.

0580

VOL = (vvv) IS NEITHER REAL OR ONLINE NOR IN MASS STORE

Reason:

CADisk cannot locate volume (vvv) on the system. Verify the volume serial is correct and is available to CADisk during execution.

Action:

See associated messages to determine what CADisk did based on this error.

0581

ERROR READING DIRECTORY BLOCK, RESULT=(nnn)

Reason:

An unexpected condition has been encountered. For assistance, contact CA Technical Support.

0582

VOLUME = (vvv) BYPASSED, Dn TYPE DD STATEMENT FOR VOLUME IS MISSING, OR MAX NUMBER OF Dn OR An ENTRIES EXCEEDED

Reason:

In the non-MVS and non-CADisk-SVC environment, //Dn type DD statements must be provided for each volume to be processed. If a //Dn type DD statement is present, the combined limit of 20 //Dn and //An statements per step has been exceeded. Either supply the correct DD statement or break the job into two or more steps to reduce the number of DD statements to 20 or fewer.

0586

LSPACE FUNCTION FAILED FOR VOLUME (vvv), RETURN CODE (xxx)

Reason:

The MIGRATE command uses the LSPACE SVC to determine if a single extent exists on the target volume (vvv) to contain the data set. The LSPACE SVC itself has failed with the specified return code. Processing continues as if no space were available on the target volume.

0587

TIOT ENTRY NOT FOUND FOR VOLUME (vvv)

Reason:

The occurrence of this message indicates an internal logic problem. For assistance, contact CA Technical Support.

0588

COMMAND REJECTED: CYL AND TRACK PARAMETERS ARE MUTUALLY EXCLUSIVE

Reason:

The Move/Copy command statement included both the CYL and TRK parameters, which are mutually exclusive. Processing continues with the next command. Correct the command statement in error and resubmit the job.

0589

COMMAND REJECTED: PREALLOC PARAMETER AND MULTIPLE TARGET VOLUMES ARE MUTUALLY EXCLUSIVE

Reason:

CADisk will not search multiple target volumes to determine if a preallocated data set exists on any of them. When the PREALLOC parameter is present, only one target volume is permitted. Correct the command statement and resubmit the job.

0590

LOCATE FAILED FOR (ddd) ON (vvv): DATA SET WAS NOT MIGRATED

Reason:

When CADisk attempted to determine the catalog status of data set (ddd) on volume (vvv), it encountered a return code greater than 8. Since a catalog problem may exist, the scratch and catalog Action's requested are bypassed. Specify NOCATALOG action to copy the data set.

0592

(ddd) ON (vvv) NOT COMPRESSED

Reason:

This message indicates that the data set (ddd) on volume (vvv) was not successfully compressed by the CADisk PDS Compress function. This message is preceded by other messages indicating why the data set was not processed successfully.

0594

PROCESSING FOR PDS (ddd) TERMINATED DUE TO MAXIMUM MEMBERS IN ERROR

Reason:

While attempting to compress data set (ddd), CADisk encountered one or more unrecoverable errors during member processing.

CADisk will continue processing until a maximum number of errors are encountered. This message indicates that processing has terminated for a data set when an unacceptable number of errors were encountered.

Action:

See previous error messages for information on what errors were encountered.

0595

ARCHIVE REQUEST BYPASSED: DSNAME IS NOT CATALOGED, VOLUME WAS NOT PROVIDED: DSN = (ddd)

Reason:

CADisk cannot archive data set (ddd) because it was not cataloged and the name of the DASD volume on which it resides was not supplied on the ARCHIVE command.

Action:

Verify that the data set name is correct, that it exists on a DASD volume, and supply the name of the volume with the VOLUME parameter in the ARCHIVE command. Then rerun the command.

0596

DATA SET ARCHIVED PRIOR TO KEY-RANGE SUPPORT (ddd) RESTORED WITHOUT KEY-RANGE ATTRIBUTES

Reason:

During restore processing, data set (ddd) cannot be restored with its KEY-RANGE attribute because it had been archived prior to Release 8 of CADisk, when this capability was provided. The data set will be restored without its KEY-RANGE attribute.

0597

SPECIFIED BUFFER SPACE - (bbb) TOO SMALL FOR CLUSTER CISIZE VSAM DEFAULT VALUE USED FOR DSN = (ddd)

Reason:

The buffer space value (bbb) for data set (ddd) is too small for the control interval size of the cluster. This can be caused if the value specified in the catalog information for the cluster was incorrect at archive time or an incorrect value was specified for the BUFFERSPACE parameter at restore time.

This value cannot be less than the amount of space needed to contain two data component control intervals and, if the data set is key-sequenced, one index control interval. Processing will continue using the minimum value required, as calculated by VSAM, as the buffer space value.

Messages 0600-0699

0601

OPEN FAILED ON TARGET VOLUME FOR (ddd) ON (vvv): DATA SET IS BYPASSED

Reason:

The data set cannot be opened so was bypassed.

0602

OBTAIN FAILED FOR DSCB AT ADDRESS (aaa)RC=(cc)

Reason:

CADisk encountered an error while requesting the data set control block at address (aaa). The combination of the return code (ccc) and previous messages should indicate the exact cause of the problem.

0603

VTOC NOT ARCHIVED FOR (vvv) DUE TO ERROR

Reason:

CADisk encountered an error while trying to archive the VTOC for volume (vvv) as requested on the user command. See one or more previous error messages for a description of the exact error encountered. CADisk continues processing with the next data set. Correct the error and rerun the command.

0604

UNIT EXCEPTION ON ARCHIVE OR COPY TAPE: STATUS = (sss) ECB = (eee)

Reason:

CADisk has encountered an I/O error while processing an archive tape volume. Processing for the tape volume has been terminated.

Action:

The CSW unit and channel status bits (sss) are displayed from the IOBSTBYT field (offset x'12' in the IOB), and the appendage codes for abnormal channel end conditions (eee) are displayed from the IOBCCW field (offset x'28' in the IOB). See your system programmer to determine the nature of the error.

0607

ERROR IN READ OF MSS GROUP RECORD (nnn), RC = (xxx), REASON = (rrr)

Reason:

CADisk received an error return code from system mass storage processing routines. CADisk was attempting to obtain information about mass storage volume group (nnn).

Action:

The mass storage routines have returned a return code of (xxx) and reason code (rrr). See the mass storage guides for an explanation of the error based on the return and Reason codes returned.

0608

ERROR IN SEQUENTIAL READ OF MSS VOLUME RECORD (nnn), RC = (xxx), REASON = (rrr)

Reason:

CADisk received an error return code from system mass storage processing routines. CADisk was attempting to obtain information about mass storage volume group (nnn).

Action:

The mass storage routines have returned a return code of (xxx) and reason code (rrr). See the mass storage guides for an explanation of the error based on the return and Reason codes returned.

The mass storage processing routine used here is invoked through the SYSTEMS SVC 12 (rrr) is the error return code placed in register 15 by the SVC.

0610

COMMAND WITH MSS PARM REQUIRES VOLUME PARM

Reason:

CADisk requires that the VOLUME parameter be supplied for all mass storage processing requests. To process all volumes of a mass storage group, specify VOLUME=(1).

0615

MSS VOLUME (vvv) FLAGGED AS INACTIVE: NOT PROCESSED

Reason:

A user request has caused CADisk to attempt to process a mass storage volume (vvv), but when CADisk found the volume information, it was marked inactive. Processing for the volume is bypassed.

Action:

To process the volume, have it activated by the person responsible for mass storage volume management.

0616

MASS STORE REQUEST NOT VALID ON NON-MVS SYSTEM

Reason:

CADisk does not support processing of mass storage devices on non-MVS operating systems. The request has been ignored.

0617

MASS STORE NOT AVAILABLE

Reason:

CADisk has been given a request to process a mass storage device but it was found that a mass storage system was not active on the CPU at the time of the request.

Action:

Rerun CADisk when mass storage systems are active or remove command information that requires it.

0618

ERROR IN READ OF MSS VOLUME (vvv), RC = (xxx), REASON = (rrr)

Reason:

CADisk received an error return code from mass storage processing routines while attempting to read mass storage volume (vvv).

Action:

The mass storage routines have returned a return code of (xxx) and a reason code of (rrr). See the mass storage guides for an explanation of the error based on the codes returned.

0619

DISPOSE OF DEFERRED REQUEST FOR (ddd) ON (vvv) BYPASSED: VOLUME NOT AVAILABLE

Reason:

During processing of deferred requests (DARCHIVE or DRESTORE commands), CADisk was unable to process a request successfully. The volume (vvv) was not found online to the system on which CADisk was being run, and data set (ddd) was bypassed.

Action:

If the volume serial is valid, mount it on the system and rerun CADisk. If it is not available or incorrect, specify the correct volume name in the VOLUME parameter for the request.

0621

FILE REQUEST OF (xxx) FAILED FOR DSN = (ddd)

Reason:

CADisk was attempting to update the DSNINDEX file of the Files Data Set and an error occurred. (ddd) is the name of the archive data set for which the error occurred. (xxx) is the action being taken for the data set. The following is a list of valid action codes:

- SI: insert record into Files Data Set
- SD: delete record
- SR: replace record
- RU: retrieve specific record
- RN: retrieve next record in sequence

Action:

CADisk abends with a user abend after this error is encountered. This is to prevent any damage to the Files Data Set. See previous error messages for more information about the error encountered. For assistance, contact CA Technical Support.

0623

TAPE WRITE ERROR, ECB = (eee), STATUS = (sss), SENSE = (xxx)

Reason:

CADisk has encountered an I/O error while processing an archive tape volume. Processing for the tape volume has been terminated.

Action:

Access method CSW status bytes and ECB return codes indicate more information about the error. See your system programmer to determine the nature of the error.

CADisk will dismount this tape and restart processing of the data set from the beginning on a new tape volume.

0624

BACKSPACE ERROR

Reason:

When CADisk attempted to position to the beginning of a data set on an archive tape volume, a backspace error occurred. This error occurs when a hardware device (tape drive) either fails to backspace to a previous block on the tape or backs up an incorrect number of blocks.

Action:

If this error occurs during archive tape creation, all data sets written to this tape prior to the error are good.

0625

(ddd) NOT ARCHIVED FROM (vvv): INVALID DIRECTORY

Reason:

The PDS (ddd) was not archived from volume (vvv). CADisk terminated processing for the data set when a directory block with an invalid format was found.

Either the directory block was greater than 256 bytes in length or the lengths of every entry in the block do not equal the total length.

Action:

The PDS is probably invalid. Verify the directory format. Either fix the data in error or recreate the PDS from earlier backup versions.

0628

UPDATE TO FILES DATA SET FAILED, SUBFILE = (xxx)

Reason:

CADisk was attempting to update the Files Data Set when an error return code was returned by the Files Data Set interface routines. This should not normally happen. An error condition exists on the Files Data Set. Attempt to reorganize the Files Data Set by using the REORG procedure provided.

0645

***WARNING** DA dataset (ddd) ON (vvv) RESTORED TO DEVICE SMALLER THAN ORIGINAL**

Reason:

During a BSAM (non-EXCP) restore of a data set, the target volume for the restore was found to have a track size smaller than the volume from which it was originally archived. This is an informational message only.

Messages 0700-0799

0700

ENTRIES FOR VOL=(vvv) ALREADY EXIST. THE VOLUME MUST BE PURGED BEFORE A REBUILD CAN BE DONE.

Reason:

Before executing the REBUILD utility, you must purge the existing volume (vvv) from your Files Data Set.

0701

MEMBER (mmm) IN DSN (ddd) HAS DATA BLOCK (bbb) BYTES, BUT BLKSIZE = (sss): PDS MAY BE IN ERROR

Reason:

While processing PDS (ddd), CADisk has found a physical block containing a greater number of characters than is indicated by the block size. Member (mmm) is in error. The block has (bbb) bytes but the BLKSIZE of the data set is (sss).

Action:

To correct the problem, either correct the block size of the data set or recreate the member with a correct block size.

0702

RESTORE OF DSN=(ddd) IS NOT PERMITTED. IT MAY INVALIDATE FUTURE VOLUME RECOVERY FOR VOL=(vvv).

Reason:

CADisk has been requested to restore the CADisk-archived VTOC for a DASD volume. Restore of this data set (ddd) on volume (vvv) is bypassed and processing continues.

Action:

If you want to use the information in the VTOC for some other purpose, use the CADisk NEWNAME parameter to restore it with a different name.

0704

NO ENTRY IN RETVOLSPEC MEMBER IN PARMLIB FOR VOLUME (vvv)

Reason:

The RETVOLSPEC member of PARMLIB did not contain either a fully qualified or generic volume entry for the volume, which was included in the retention control scan.

0705

ARCHIVE/BACKUP FAILED FOR DSN=(ddd) NAME IS RESERVED FOR DMS INTERNAL USE

Reason:

During archive or backup processing, CADisk bypassed data set (ddd) because its name is reserved for CADisk internal use.

Note: For a list of reserved data set names, see the section General Restrictions in the *User Guide*.

0720

TARGET DATA SET IS FULL, ALLOCATED DATA SET MUST HAVE SUFFICIENT SPACE ALLOCATED IN PRIMARY EXTENT TO HOLD ALL DATA

Reason:

This message can be caused by two different situations:

- A user has preallocated a data set to be used by CADisk and its space allocation is too small to hold the data being moved to it.
- CADisk has miscalculated the space required for the data set. This miscalculation is due to short blocks that exist in the original data set. This calculation is normally done only during data set reblocking or during conversion to new device types.

Action:

If the data set was preallocated, scratch it and allocate it again with more space. If CADisk is allocating the data set (too small), specify values for sysparms ADPCTPDS, ADPCTOTH, or ADTRACKS to cause a sufficient space increase, then resubmit the request.

0721

ERROR READING INPUT DATA SET, PROCESSING TERMINATED

Reason:

CADisk encountered an I/O error while processing an input data set.

Action:

See previous error messages for information about the error encountered. See subsequent messages for information about the data set being processed when the error was encountered.

0722

ERROR CONVERTING CATALOG BLOCK TTR POINTERS, RESULT = (xxxx)

Reason:

CADisk has encountered errors during conversion of catalog block TTR pointers. See previous error messages for more information about the exact error encountered.

Action:

The value (xxxx) is a CADisk internal return code and can be used by CA Technical Support if needed. Correct the errors explained by previous messages and then rerun CADisk against the catalog.

0723

ERROR WRITING TARGET DATA SET, PROCESSING TERMINATED

Reason:

CADisk has encountered an I/O error while processing an output data set. Previous error messages explain the nature of the error and subsequent messages indicate the data set being processed during the error.

Processing has been discontinued for the data set.

0724

DATA SET (ddd) ON VOLUME (vvv) WAS NOT PROCESSED DUE TO PASSWORD PROTECTION

Reason:

CADisk has bypassed processing for data set (ddd) on volume (vvv) because it is password-protected. User command parameters and CADisk system parameters indicate that one of the following conditions has caused CADisk to bypass the data set:

- PASSWORD command parameter was not specified
- Sysparm PASSWORD was not specified with a value of Y

0725

DATA SET (ddd) ON VOLUME (vvv) WAS NOT PROCESSED DUE TO RACF INDICATION

Reason:

CADisk has bypassed processing for data set (ddd) on DASD volume (vvv) because it is RACF-indicated. CADisk sysparm RACFPROC controls CADisk processing of RACF-indicated data sets.

Note: For more information, see the descriptions of sysparms RACFPROCy and RACFSUPPn in the *Systems Guide*.

0726

DATA SET ALLOCATION ERROR, VOLUME = (vvv), DSNAME = (ddd) (ccc) ALLOCATE RETURN CODE IS (rrr), SEE (mmm) FOR EXPLANATION

Reason:

CADisk received an error return code from the system's allocation routines. Processing for data set (ddd) on volume (vvv) is terminated, but may be attempted on other volumes.

The allocation routine (SVC 32) has returned error code (rrr); (ccc) is the optional descriptive text of the allocation error; (mmm) is the name of the guide containing more information.

For more information about allocation return codes, see Dynamic Allocation Return Codes in the appendix "Common Return Codes."

0729

CATALOG LOCATE ERROR, DSNAME = (ddd), LOCATE ERROR CODE (nnn): (ccc)

Reason:

CADisk received an error return code from system catalog locate routines. CADisk was trying to determine the volumes on which DSN (ddd) resided; (ccc) indicates the nature of the error.

Action:

If the data set name is not cataloged, specify the volume serial on which it resides through the VOLUME parameter of the CADisk command being processed.

0730

FILEDEFN TABLE SPECIFIES (nnn) MAXIMUM RECORD COUNT FOR FILE (ccc): THE LIMIT HAS BEEN SET TO (xxx)

Reason:

An incorrect FILEDEFN table entry has been found. This is a WARNING message issued by CADisk. The maximum record count field is (xxx). The value specified is (nnn).

Action:

CADisk has reset the value to (xxx) and continues processing. Correct the entry to avoid printing this message.

0731

SCRATCH ERROR, DSNAME = (ddd) VOLUME = (vvv), SCRATCH ERROR (nnn): (ccc)

Reason:

CADisk received an error return code from system scratch routines. CADisk was attempting to scratch data set (ddd) from volume (vvv). The scratch failed with return code (nnn); (ccc) is a brief description of why the scratch failed. See Scratch Return Codes in the appendix "Common Return Codes" for more information about scratch error codes.

Action:

To clean up after the scratch failure, manually scratch the data set using standard IBM utilities.

0732

(ccc)c

Reason:

This message explains why a scratch has failed for a data set name on a volume. (ccc)c is the explanation of the error and the DSN and volume involved.

Action:

Correct the problem displayed and resubmit the CADisk command for the appropriate data set.

0733

DIRECTORY ENTRY FOR MEMBER AT TTR = (ttt) CONTAINS A USER TTR POINTER OF TTR = (nnn), MEMBER DATA DOES NOT CONTAIN BLOCK WITH THAT TTR ADDRESS, DIRECTORY OR MEMBER DATA IS IN ERROR

Reason:

CADisk has found a member in the PDS being processed that contains incorrect data. The member at TTR address (ttt) has a user TTR found in the directory that points to a record outside the PDS. TTR (nnn) is the TTR value that is invalid.

Action:

To determine the name of the member in error, use the CADisk POTTRD report to list each member and its associated TTR value. Find the member with a TTR value of (ttt) in the list.

Either correct or recreate the member in error.

0738

PDS DATA SET IS UCC CONTROLLED, IT WILL BE REJECTED BY DMS PDS PROCESSING

Reason:

CADisk has encountered a PDS data set created by the software product UCC6. Since this is not a PDS with a standard format, CADisk cannot successfully process it. Process the PDS using UCC6 utilities. CADisk will always bypass the data set.

Action:

To cause CADisk to process the data set anyway, see the description of sysparm UCC6CPDSn in the *Systems Guide*.

0741

FORMAT-1 DSCB FOR DSN = (ddd) WAS NOT FOUND ON VOL = (vvv), NOT MIGRATED

Reason:

CADisk was unable to find the VTOC entry for data set (ddd) on volume (vvv). The data set was not processed successfully. If in explicit mode (MIGRATE), verify the data set name is spelled correctly and exists on the specified volume.

Action:

If in the implicit mode (SCAN), the data set may have been scratched during VTOC SCAN processing. If this is the case, ignore this message; the data set no longer exists.

Messages 2000-2099

2000

UNABLE TO OPEN INPUT FILE

Reason:

CADisk is unable to open the SYSIN DD statement that should contain command statements. See other associated messages for reasons why the OPEN failed.

2001

CHECK FOR MISSING SYSIN DD STATEMENT

Reason:

CADisk cannot find the SYSIN DD statement that should contain CADisk command statements. Verify that command statements do exist. If this function is being invoked from a multistep JCL procedure, ensure that the commands are being input to the correct step. This may require a DD statement to direct it to the proper step (that is, //STEPNAME.SYSIN DD *).

2003

COMMAND REJECTED: (kkk) IS NOT A VALID COMMAND NAME

Reason:

CADisk has rejected a command entered in the input stream (DDNAME = SYSIN). The command was found to have a syntax error. The command name (kkk) is not a valid command name for the function being executed. Verify the following conditions are correct:

- A valid command name was entered on the command.
- The command name is spelled correctly.
- The CADisk function associated with the command is being properly invoked.
- No characters appear before the command name in the input stream record.
- CADisk continues processing with the next input command. Correct the command in error and rerun CADisk for it.

2004

COMMAND REJECTED: PARAMETER (vvv) IS NOT SPECIFIED AND IS REQUIRED FOR COMMAND (kkk)

Reason:

CADisk has rejected a command entered in the input stream (DDNAME = SYSIN). The command was found to have a syntax error. The command name (kkk) has an associated required parameter (vvv) and it is not specified. Supply the parameter if it is missing. If it appears to be on the command, verify the following conditions are correct:

- The parameter name is spelled correctly.
- If it is continued on multiple commands, verify the continuation rules have been followed.
- No spaces are found within the command parameter data unless they are within quotes. The command name is the one you intended to execute.
- The CADisk function is the one you intended to execute.

CADisk continues processing with the next input command. Correct the command in error and rerun CADisk for it.

2005

COMMAND REJECTED: COMMAND NAME CONTAINS AN INVALID ALPHA CHARACTER (nnn)

Reason:

CADisk has rejected a command entered in the input stream (DDNAME = SYSIN). The command was found to have a syntax error. The command name (nnn) is not a valid command name for the function being executed. Verify the following conditions are correct:

- A valid command name was entered on the command.
- The command name is spelled correctly.
- The CADisk function associated with the command is being properly invoked.
- No characters appear before the command name in the input stream record.

Action:

CADisk continues processing with the next input command. Correct the command in error and rerun CADisk for it.

2006

COMMAND REJECTED: CHARACTER (x) AT CARD COLUMN (nn) IS AN INVALID CHARACTER FOR DMS COMMANDS

Reason:

CADisk has rejected a command entered in the input stream (DDNAME = SYSIN). The command was found to have a syntax error. The character (x) is not valid for CADisk command data. Remove it from the CADisk command or replace it with a valid character. CADisk continues processing with the next input command. Correct the command in error and rerun CADisk for it.

2007

COMMAND REJECTED: TRAILING COMMA ON PREVIOUS COMMAND INDICATES CONTINUATION REQUIRED, BUT NO CONTINUATION CARD WAS FOUND

Reason:

CADisk has rejected a command entered in the input stream (DDNAME = SYSIN). The command was found to have a syntax error. Verify that continuation rules for the commands entered have been followed. Correct the commands in error. CADisk continues processing with the next input command. Correct the command in error and rerun CADisk for it.

2008

COMMAND REJECTED: DMS DOES NOT ALLOW NON-BLANK CHARACTERS IN COLUMN 72 OF COMMAND STATEMENTS

Reason:

CADisk has rejected a command entered in the input stream (DDNAME = SYSIN). The command was found to have a syntax error.

CADisk continuation rules do not require a non-blank character in column 72. It also does not allow the column to contain data. Columns 73 through 80 of the commands entered are not used.

Action:

Verify that continuation rules for the commands entered have been followed. CADisk continues processing with the next input command. Correct the command in error and rerun CADisk for it.

2009

COMMAND REJECTED: COMMAND NAME (nnn) IS LONGER THAN MAXIMUM NAME LENGTH OF (xxx)

Reason:

CADisk has rejected a command entered in the input stream (DDNAME = SYSIN). The command was found to have a syntax error. The command name (nnn) is not a valid command name for the function being executed. Verify the following conditions are correct:

- Command names must be less than (xxx) characters.
- A valid command name was entered on the command.
- The command name is spelled correctly.
- No characters appear before the command name in the input stream record.

Action:

CADisk continues processing with the next input command. Correct the command in error and rerun CADisk for it.

2010

COMMAND REJECTED: ERROR IN PARAMETER AT CARD COLUMN (nn) NULL PARAMETERS ARE NOT ALLOWED, REPLACE WITH PROPER VALUE

Reason:

CADisk has rejected a command entered in the input stream (DDNAME = SYSIN). The command was found to have a syntax error.

A command parameter that requires a value to be supplied has not been supplied a valid value. If the data appears to be correct on the command, verify the following conditions are correct:

- The parameter name is spelled correctly.
- If it is continued on multiple commands, verify the continuation rules have been followed.
- No spaces are found within the command parameter data unless they are within quotes.
- The command name is the one you intended to execute.
- The CADisk function is the one you intended to execute.

Action:

CADisk continues processing with the next input command. Correct the command in error and rerun CADisk for it.

2011

PARAMETER DATA STARTING IN COLUMN (nn) EXCEEDS MAXIMUM LENGTH FOR THIS PARAMETER (xx)

Reason:

CADisk has rejected a command entered in the input stream (DDNAME = SYSIN). The command was found to have a syntax error. (xx) indicates the column of the first character of the parameter in error or the column just prior to the parameter in error. If more than one command statement was used for the command, the error pertains to the command statement printed just prior to this error message.

The command entered contains an invalid parameter name. Verify the following items are correct:

- The parameter name is spelled correctly.
- If it is continued on multiple commands, verify the continuation rules have been followed.
- No spaces are found within the command parameter data unless they are within quotes.
- The command name is the one you intended to execute.
- The CADisk function is the one you intended to execute.

Action:

CADisk continues processing with the next input command. Correct the command in error and rerun CADisk for it.

2012

COMMAND REJECTED: SUPPLIED PARAMETER (nnn) IS NOT A VALID PARAMETER FOR THE COMMAND NAME SPECIFIED

Reason:

CADisk has rejected a command entered in the input stream (DDNAME = SYSIN). The command was found to have a syntax error. The command entered contains an invalid parameter name. Verify the following items are correct:

- The parameter name is spelled correctly.
- If it is continued on multiple commands, verify the continuation rules have been followed.
- No spaces are found within the command parameter data unless they are within quotes.
- The command name is the one you intended to execute.
- The CADisk function is the one you intended to execute.

Action:

CADisk continues processing with the next input command. Correct the command in error and rerun CADisk for it.

2013

SYSTEM ERROR: ERROR IN DEFINITION OF COMMAND PROCESSOR CONTROL BLOCKS

Reason:

This is an internal CADisk processing error.

Action:

Contact CA Technical Support for assistance.

Before contacting CA Technical Support, have the following information available:

- JCL listing for the run that failed.
- CADisk command statements entered.
- CADisk generated output.
- Supply a SYSUDUMP DD statement and, if a dump is created, have it available.

2014

COMMAND REJECTED: PARAMETER (nnn) HAS BEEN SPECIFIED MORE THAN ONCE

Reason:

CADisk has rejected a command entered in the input stream (DDNAME = SYSIN). The command was found to have a syntax error. The command entered contains the same parameter specified twice on the command. Verify:

- The parameter name is spelled correctly.
- If it is continued on multiple commands, verify the continuation rules have been followed. No spaces are found within the command parameter data unless they are within quotes.

Action:

CADisk continues processing with the next input command. Correct the command in error and rerun CADisk for it.

2015

COMMAND REJECTED: KEYWORD PARAMETER (nnn)HAS BEEN SPECIFIED WITHOUT A VALUE

Reason:

CADisk has rejected a command entered in the input stream (DDNAME = SYSIN). The command was found to have a syntax error. A command parameter that requires a value to be supplied has not been supplied a valid value.

If the data appears to be correct on the command, verify the following conditions are correct:

- The parameter name is spelled correctly.
- If it is continued on multiple commands, verify the continuation rules have been followed. No spaces are found within the command parameter data unless they are within quotes.
- The command name is the one you intended to execute.
- The CADisk function is the one you intended to execute.

Action:

CADisk continues processing with the next input command. Correct the command in error and rerun CADisk for it.

2016

COMMAND REJECTED: KEYWORD PARAMETER (nnn) HAS VALUE LIST INCORRECTLY SPECIFIED: VALUES MUST BE SEPARATED BY COMMAS AND SEPARATED BY A RIGHT PARENTHESIS

Reason:

CADisk has rejected a command entered in the input stream (DDNAME = SYSIN). The command was found to have a syntax error. A command parameter that requires a value to be supplied has not been supplied a valid value. If the data appears to be correct on the command, verify the following conditions are correct:

- The parameter name is spelled correctly.
- If it is continued on multiple commands, verify the continuation rules have been followed.
- No spaces are found within the command parameter data unless they are within quotes.
- The command name is the one you intended to execute.
- The CADisk function is the one you intended to execute.

Action:

CADisk continues processing with the next input command. Correct the command in error and rerun CADisk for it.

2017

COMMAND REJECTED: KEYWORD PARAMETER (nnn) HAS MORE VALUES IN LIST THAN MAXIMUM ALLOWED OF (vvv)

Reason:

CADisk has rejected a command entered in the input stream (DDNAME = SYSIN). The command was found to have a syntax error. CADisk allows a value list with (vvv) entries for command parameter (nnn) but more than (vvv) entries have been supplied. Reduce the number of entries to the allowed number. If the data appears to be correct on the command, verify the following conditions are correct:

- The parameter name is spelled correctly.
- If it is continued on multiple commands, verify the continuation rules have been followed.
- No spaces are found within the command parameter data unless they are within quotes.
- The command name is the one you intended to execute.
- The CADisk function is the one you intended to execute.

Action:

CADisk continues processing with the next input command. Correct the command in error and rerun CADisk for it.

2018

COMMAND REJECTED: KEYWORD PARAMETER (nnn) CANNOT SPECIFY A LIST OF VALUES: SPECIFY ONLY ONE VALUE AND REMOVE PARENTHESES

Reason:

CADisk has rejected a command entered in the input stream (DDNAME = SYSIN). The command was found to have a syntax error. CADisk only allows one specification of value data for this parameter. The parentheses imply more than one value is supplied. Remove the parentheses and specify only one value. If the data appears to be correct on the command, verify the following conditions are correct:

- The parameter name is spelled correctly.
- If it is continued on multiple commands, verify the continuation rules have been followed.
- No spaces are found within the command parameter data unless they are within quotes.
- The command name is the one you intended to execute.
- The CADisk function is the one you intended to execute.

Action:

CADisk continues processing with the next input command. Correct the command in error and rerun CADisk for it.

2019

COMMAND REJECTED: KEYWORD PARAMETER (nnn) REQUIRES A NUMERIC VALUE: VALUE SPECIFIED IS NOT NUMERIC

Reason:

CADisk has rejected a command entered in the input stream (DDNAME = SYSIN). The command was found to have a syntax error. Command parameter (nnn) requires numeric data as values specified for it. One or more values are not numeric. If the data appears to be correct on the command, verify the following conditions are correct:

- The parameter name is spelled correctly.
- If it is continued on multiple commands, verify the continuation rules have been followed.
- No spaces are found within the command parameter data unless they are within quotes.
- The command name is the one you intended to execute.
- The CADisk function is the one you intended to execute.

Action:

CADisk continues processing with the next input command. Correct the command in error and rerun CADisk for it.

2020

REMAINING COMMAND STATEMENTS BYPASSED DUE TO ERROR IN MODESET COMMAND

Reason:

CADisk has previously detected an error in a MODESET command. Due to the nature of the function of MODESET, no additional commands will be processed. Correct the errors in the MODESET command and rerun the CADisk job.

2021

COMMAND REJECTED: SIMPLE PARAMETER (nnn) IS FOLLOWED BY OTHER THAN A COMMA OR A SPACE: NO VALUES CAN BE ASSOCIATED WITH THIS SIMPLE PARAMETER

Reason:

CADisk has rejected a command entered in the input stream (DDNAME = SYSIN). The command was found to have a syntax error.

A SIMPLE parameter has no values. The parameter (nnn) is a SIMPLE parameter but the user has tried to enter a value for it. A comma or a space must either follow the parameter name. If the data appears to be correct on the command, verify the following conditions are correct:

- The parameter name is spelled correctly.
- If it is continued on multiple commands, verify the continuation rules have been followed.
- No spaces are found within the command parameter data unless they are within quotes.

Action:

CADisk continues processing with the next input command. Correct the command in error and rerun CADisk for it.

2023

NO VALID COMMANDS WERE ENTERED

Reason:

The CADisk command processor has found no valid commands to return to CADisk processing routines. Either all commands were in error or no commands were supplied through the SYSIN DD statement.

2024

(nnn) IS AN ALIAS FOR (ddd), UNCAT/RECATALOG ACTION SUPPRESSED SCRATCH ACTION SUPRRESSED

Reason:

DSNAME (nnn) is an alias for the data set name (ddd). To preserve catalog integrity, CADisk will not modify catalog alias entities or scratch the data set.

Action:

Perform the proper catalog action with IBM-supplied utilities.

2025

(ddd) ON (vvv) WAS NOT DELETED, RC = (xxx)

Reason:

CADisk received an error return code from system scratch routines. CADisk was attempting to scratch data set name (ddd) from volume (vvv). Scratch routines returned an error code of (xxx).

Action:

See Scratch Return Codes in the appendix "Common Return Codes" for descriptions of scratch error codes. To recover from this error the user must manually scratch the data set with standard IBM utilities.

2026

CA DISK SYSTEM PARAMETER VALUES FOLLOW: NAME = (*nnn*), (*rrr*), LENGTH = (*lll*), VALUE = (*vvv*), END OF SYSTEM PARAMETERS

Reason:

Through the SYSPARMS system parameter, the user has requested that selected system parameters be listed. The following values are displayed for each system parameter:

(*nnn*)

Name of system parameter

(*rrr*)

"Supplied" system parameter has been overridden by the user

(*rrr*)

"Default" system parameter not supplied by the user; default is being used

(*lll*)

Length of system parameter value

(*vvv*)

Value associated with parameter

Note: (*vvv*) can be (???), if the supplied value is incorrect.

2027

ERROR IN SORT OF DSNINDEX RECORDS

Reason:

CA Disk invokes a sort utility to sort DSNINDEX records and receives a non-zero return code.

Action:

Check //SYSOUT DD to get messages from sort to find error reasons, correct the problem, and rerun MERGE.

2028

ERROR IN SORT OF NON-DSNINDEX RECORDS

Reason:

CA Disk invokes a sort utility to sort non-DSNINDEX records and receives a non-zero return code.

Action:

Check //SYSOUT DD to get messages from sort to find out error reasons, correct the problem, and rerun MERGE.

2029

MERGE WAS NOT PERFORMED DUE TO PRIOR ERRORS

Reason:

MERGE was not executed because of an error CA Disk encountered, described in a preceding message.

Action:

See the previous error messages for information on the error. Resubmit the job to merge data sets.

2030

RELOAD HAS STARTED: IF ABEND OCCURS, USE "RESTART" PROC TO RELOAD FILES DATA SET

Reason:

This is an informational message to indicate that the reload process of Files Data Set reorganization has begun. If processing abends after this message is issued, use the DMS proc RESTART to restart the reload process.

Action:

If the particular abend given results in the countermanding message, "2030 RELOAD HAS NOT YET PROCESSED OR DESTROYED ANY DATA", you do not need to use the RESTART proc. You may fix the problem and restart the REORG.

2031

DM175 CALLER REQUESTING (lll) BYTES FROM SYSTEM PARAMETER (nnn), AND MAX PARM LENGTH IS (mmm) BYTES

Reason:

CADisk has detected an internal logic error. An abend 100 has been invoked. Processing terminated. For assistance, contact CA Technical Support.

2032

SYSTEM PARAMETER (nnn) HAS AN INVALID LENGTH, PARAMETER MUST BE (mmm) BYTES LONG

Reason:

The user has specified CADisk system parameter (nnn) in the SYSPARM member of the PARMLIB data set. The sysparm value has more characters than the maximum allowed of (mmm).

Action:

Correct the sysparm value and rerun the CADisk job.

Note: For information about how to specify each system parameter, see the section System Parameter Definitions in the *Systems Guide*.

2033

SYSTEM PARAMETER (nnn) HAS AN INVALID LENGTH, PARAMETER MUST BE (sss) TO (lll) BYTES LONG

Reason:

The user has specified a CADisk system parameter (nnn) in the SYSPARM member of the PARMLIB data set. The parameter value has more characters than the maximum allowed of (lll) or has fewer characters than the minimum of (sss).

Action:

Correct the sysparm value and rerun the CADisk job.

Note: For information about how to specify each system parameter, see the section System Parameter Definitions in the *Systems Guide*.

2034

I/O ERROR UPDATING DIRECTORY, RC = (xxx)

Reason:

See message 0448 for explanation.

2035

DIRECTORY BLOCK LENGTH ERROR

Reason:

For the current data set being processed, a PDS directory block was incorrect in length. Directory blocks are 256 bytes with an 8 byte key prefix, totaling 264 bytes in length. Verify the PDS being processed is valid and has the correct format of directory blocks.

2036

DIRECTORY BLOCK LENGTH EXCEEDS MAXIMUM ALLOWED

Reason:

While processing a PDS directory, a record length greater than 256 bytes was encountered. CADisk assumes that the data set has been overwritten and will bypass processing. Ensure that the PDS has been built correctly and has not been overwritten.

2042

ERROR AFTER MIGRATE: DMS ENCOUNTERED SCRATCH ERROR DURING ATTEMPT TO CLEAN UP REMAINS OF TARGET DATA SET

Reason:

As described in the previous error message, a scratch error has occurred. The scratch was being done to delete the CADisk allocated target data set after another error occurred.

Action:

No harm has been done. The original data set is left intact, but the target allocation still exists on the target volume. It should be deleted with standard IBM utilities.

2043

DSN = (ddd), IS NOT CATALOGED TO THE VOLUME IT WAS MIGRATED FROM (vvv): IT IS CATALOGED TO VOLUME (xxx), RECATALOG ACTION FOR THE DATA SET WAS BYPASSED

Reason:

Data set name (ddd) on volume (vvv) is not the primary copy of the data set since another data set with the same name exists on another volume, according to the system catalog. CADisk will not take catalog action against the data set migrated because it is not the primary copy.

2046

DSN = (ddd) BYPASSED, REASON = (ccc)

Reason:

This is an informational message printed during CADisk sequential migrate to tape processing. The message indicates that data set (ddd) has been bypassed for processing. The value (ccc) indicates why the data set was bypassed.

2047

COMMAND REJECTED: PARAMETER (nnn) HAS A NUMERIC FIELD VALUE GREATER THAN (vvv)

Reason:

CADisk has rejected a command entered in the input stream (DDNAME = SYSIN). The command was found to have a syntax error.

The parameter (nnn) accepts as input a numeric value. The value cannot be greater than (vvv). It is specified incorrectly. If it appears to be correct on the command, verify the following conditions are correct:

- The parameter name is spelled correctly.
- If it is continued on multiple commands, verify the continuation rules have been followed.
- No spaces are found within the command parameter data unless they are within quotes.
- The command name is the one you intended to execute.
- The CADisk function is the one you intended to execute.

Action:

CADisk continues processing with the next input command. Correct the command in error and rerun CADisk for it.

2049

COMMAND REJECTED: (rrr)

Reason:

A command input error has been entered. The reason (rrr) indicates the exact nature of the error. CADisk bypasses the command and continues with the next one.

2051

COMMAND REJECTED: KEYWORD PARAMETER (nnn) MUST BE A STRING OF (vvv) VALID HEX CHARACTERS

Reason:

CADisk has rejected a command entered in the input stream (DDNAME = SYSIN). The command was found to have a syntax error.

The parameter (nnn) only accepts valid hexadecimal characters as input. The characters entered for it are not valid or an improper number of characters have been supplied.

Valid hexadecimal characters are:

```
0 1 2 3 4 5 6 7 8 9 A B C D E F
```

Characters must be entered in pairs.

Action:

CADisk continues processing with the next input command. Correct the command in error and rerun CADisk for it.

2052

DSN = (ddd) ON VOL = (vvv) BYPASSED: ITS RELATIVE GENERATION NUMBER CANNOT BE RELIABLY DETERMINED: IT MAY BE IN THE PROCESS OF BEING CREATED: NEITHER IT NOR THE (nnn) GENERATION IS CATALOGED

Reason:

No catalog entry was found for the GDG data set (ddd) found on volume (vvv). Since no catalog entry was found, CADisk treats it as if it were not a GDG data set. It is not selected for processing.

Action:

Use the EXPLICIT form of the command to process the data set.

2053

RUN TERMINATED DUE TO SYSTEM PARAMETER FORMAT ERRORS

Reason:

CADisk has determined that one or more supplied sysparms are in error and that the sysparm in error was needed for processing. Processing cannot continue; an ABEND 100 is invoked.

Action:

Correct the sysparms in error and restart CADisk. The sysparms in error are either in the SYSPARMS member of the PARMLIB data set or are supplied through the SYSPARMS dd input stream.

2054

SYSTEM PARAMETER (ppp) MUST SPECIFY A (nnn)-DIGIT NUMERIC VALUE: THE VALUE SPECIFIED (vvv) IS NOT NUMERIC

Reason:

The user has specified a sysparm (nnn) in the sysparm member of the PARMLIB data set. The sysparm must be specified with a (nnn)-digit value.

Action:

Correct the sysparm value and rerun the CADisk job.

Note: For information about how to specify each system parameter, see the section System Parameter Definitions in the *Systems Guide*.

2055

(SYSPARMS) SYSTEM PARAMETER HAS A VALUE OTHER THAN S, N, B, OR D: VALUE B IS ASSUMED

Reason:

The user has specified the system parameter SYSPARMS with an incorrect value.

Action:

Correct the sysparm value and rerun the CADisk job.

Note: For information about how to specify each system parameter, see the section System Parameter Definitions in the *Systems Guide*.

2056

PARAMETER ENTERED THROUGH SYSPARMS DD STATEMENT IS IN ERROR: VERIFY THE FORMAT IS CORRECT. PARAMETER VALUE IS (vvv)

Reason:

A sysparm override supplied through the //SYSPARMS DD statement is in error. The format of the entries must be the system parameter name starting in column 1 and the parameter value starting in column 9.

Action:

Correct the sysparm value and rerun the CADisk job.

Note: For information about how to specify each system parameter, see the section System Parameter Definitions in the *Systems Guide*.

2057

DSN=(ddd) on VOL=(vvv) BYPASSED. IT CONTAINS USER LABELS WHICH ARE NOT SUPPORTED BY DMS.

Reason:

The VTOC entry for data set (ddd) on volume (vvv) indicates it contains user labels. CADisk does not support user labels. Processing for the data set is bypassed.

Note: For more information, see the section General Restrictions in the *User Guide*.

2058

SYSPARM DSUTILCF VALUE IS GREATER THAN 4

Reason:

The DSUTILCF sysparm has been specified incorrectly. Its value must be 0 to 4. CADisk abnormally terminates after this error.

Action:

Correct the sysparm and resubmit.

Note: For information about how to specify the system parameter, see the description of sysparm DSUTILCF0 in the *Systems Guide*.

2061

DATA BLOCK LENGTH OF (bbb) EXCEEDS DEVICE TRACK SIZE OF (nnn). THE DATA SET CANNOT BE COPIED TO VOLUME (vvv).

Reason:

While copying a data set, a block was read whose length (bbb) exceeds the track size (nnn) of the target device volume (vvv). The data set is bypassed and processing continues.

2071

UNABLE TO SET EXPDT=000000 IN VTOC TO ALLOW IDLE SPACE RELEASE DSN= dsn VOL= volser, RETURN CODE FROM DSCB UPDATE MODULE = rc

Reason:

An attempt to release part of the idle space in data set dsn on volume volser has failed. CA Disk cannot set expire day as zero because return code from OBTAIN is greater than 2. The condition code is set to 8.

CA Disk will continue with the next entry.

Action:

This message is informational only. Reference the above message 0407 and 2456 which is generated by ADSDM366.

2074

COMMAND REJECTED - THE PCTSECONDARY OR PCTUSED PARAMETER VALUE IS INVALID.

Reason:

The value of the PCTSECONDARY parameter on the DSCL RELEASE command must be numeric, between 0 and 100 inclusive. The value of the PCTUSED parameter on the DSCL RELEASE command must be numeric, between 1 and 100 inclusive.

Action:

Correct the command statement in error and resubmit the job.

2077

DSNAME= (ddd) WAS NOT FOUND ON THE SUPPLIED INPUT FILE, EXTRACT UNSUCCESSFUL

Reason:

Data set (ddd), specified on the EXTRACT command, was not found in the archive data set identified on the SYSUT1 DD statement. The data set name was either misspelled, or the wrong archive data set was provided. Correct the error and resubmit.

2078

NO "E" TYPE RECORD FOUND FOR DSNAME= (ddd), FILE MAY NOT BE COMPLETELY RESTORED

Reason:

When CADisk writes a data set to the archive medium, it indicates the end of each data set by writing an E type record. When extracting the data records from the archive medium for data set (ddd), this record was not found, which indicates that the archive medium has been damaged at some point, and the data is now incomplete. All data up to the point of inconsistency has been extracted and may be useful if no other complete copy is available.

2079

(nnnn) TOTAL RECORDS/BLOCKS WRITTEN TO OUTPUT FILE

Reason:

This message is issued after message 2078 to provide additional information that may be useful in the recovery of an incomplete data set. It indicates that (nnnn) blocks were extracted successfully. If you have any idea of the number of records or blocks that should have been in the data set, this information may aid in determining the degree of loss due to the damaged archive medium.

2088

UNKNOWN RECORD TYPE - NOT C, 1, R, V OR E

Reason:

During the extract function, CADisk must interpret and process the various types of logical records that it finds. It has encountered a record type that it does not recognize (other than one of the types listed), which indicates that the archive medium has probably been damaged. Processing terminates at this point with a user 100 abend code. The data set cannot be extracted from the supplied archive medium. A different source will have to be used.

Messages 2100-2199

2101

EXTRACT STARTING FOR DSN= (ddd)

Reason:

This message is for informational purposes only, to aid in interpreting any messages that may follow.

2109

BLOCK MISSING IN FILE NUMBER (fff), EXPECTED TO FIND BLOCK (sss), BUT FOUND (nnn)

Reason:

Upon processing an archive tape block for file number (fff), CADisk encountered a block internally labeled (nnn) but CADisk expected to read a block sequentially labeled (sss).

This condition may be caused by an abend of the job that created the archive tape.

2110

ARCHIVE TAPE SCAN ENDED, TOTAL BLOCKS (bbb), TOTAL FILES (ddd), TOTAL LOGICAL RECORDS (rrr)

Reason:

A complete or partial scan of an archive volume has collected totals for the following items:

- Data blocks (bbb)
- CADisk archived data sets (ddd)
- Logical records (rrr)

This information can be used to help recover an archive volume or check for possible damage.

The totals depend upon how the scan is specified. For example, when a scan of the entire archive volume is specified, the logical record total (rrr) reflects all the logical records on the archive volume. When a scan of part of the archive volume is specified, the logical record total (rrr) reflects only the records on that part of the archive volume.

2111

FIRST RECORD IS NOT CONTROL RECORD

Reason:

During analysis of a CADisk archive data set, the first record of the data set was not found to be in the format of a CADisk control record. This may occur for one of three reasons:

- You have not requested the first volume of a multivolume archive data set.
- The archive data set has been overwritten.
- A CADisk logic error has occurred.

Action:

If the first two reasons have been eliminated and the problem continues, then contact CA Technical Support for assistance.

2112

NO END OF FILE (RECORD TYPE "E") FOUND FOR FILE NBR = (nnn). SOME DATA BLOCKS MAY BE MISSING.

Reason:

This warning message indicates that CADisk cannot find the end of an archived data set. The tape or disk archive data set may have been damaged.

Action:

Use the duplicate copy volume if one is available, or see Problem Analysis/Aids in the *Systems Guide* for other recovery alternatives.

2113

FILE NUMBER MISSING, EXPECTED x, FOUND y

Reason:

This warning message indicates that a file was missing from the archive tape. The archive data set has a separate subfile for each archived file. The header record for each subfile has a file sequence number. This message indicates that the expected file number did not exist on the tape. The tape or disk archive is damaged.

Action:

Use the duplicate copy volume to recover the data set if one is available, or see Problem Analysis/Aids in the *Systems Guide* for other recovery alternatives.

2117

2117 DATA SET BYPASSED, ARCHIVED TO PSUEDO-VOLSER="VOLUME", DSN="DSN"

Reason:

This message is issued when an archive attempt is made on a data set that has already been archived and recataloged to the pseudo volume. CADisk detected this and bypassed the request. If there were other archive requests, they will be processed normally.

Action:

The user should either delete the data set from archives and retry the archive or rename the data set and then archive it.

2118

NO DATA SETS SELECTED

Reason:

CADisk has completed processing without selecting any data sets for processing. The selection criteria specified in command parameters has rejected all data sets scanned. Verify the following items:

- If retain B RETVOLSPEC option in use, did any of the data sets have the change bit set on? The change bit is the x'02' bit in the format-1 DSCB. Field name DS1DSIND (offset 93 decimal). Use IEHLIST LISTVTOC, DUMP to determine this.
- Are the data set names specified spelled correctly?
- Did you forget to put the "/" at the end of a partial data set name being used as a pattern?
- Are the volumes spelled correctly?
- Are the volumes specified on the retain command also specified in the RETVOLSPEC table?
- Is the proper RETVOLSPEC table being used?
- Are there any data sets on the volume?

2121

NO ARCHVOL RECORD FOR VOLSER=(vvv)

Reason:

The MERGE copy utility was executed to make a copy of an existing archive volume, but the volser specified by the user was not found in the archvols subfile of the Files Data Set.

This can occur if the wrong Files Data Set is in use or the volser specified is incorrect.

2122

SYSPARM (nnn) MUST HAVE A VALUE OF Y OR N

Reason:

The sysparm (nnn) requires a specified value of Y or N. It is specified incorrectly.

Action:

Correct the sysparm and rerun the CADisk job.

Note: For information about how to specify each system parameter, see the chapter "System Parameter Definitions" in the *Systems Guide*.

2130

SYSPARM (ppp) IS OBSOLETE, REMOVE IT FROM YOUR SYSPARMS MEMBER IN PARMLIB

Reason:

The sysparm (ppp) was found in the PARMLIB data set. (Member name = sysparms). This sysparm was used in earlier releases of CADisk but is no longer valid. Its function is obsolete.

Action:

This is only a warning message. To eliminate the message, remove the sysparm from the sysparms member of PARMLIB.

2131

DSN = (ddd) WAS ALREADY CATALOGED TO THE TARGET VOLUME (vvv)

Reason:

A catalog or recatalog action was not done because data set (ddd) was already cataloged to volume (vvv). Processing continues as if CADisk had performed the catalog function.

2132

S(nnn) — (rr) ABEND OCCURRED PROCESSING VOLUME=(vvvvvv), DSNAME=(ddd)

Reason:

An abend has occurred during CADisk processing of data set (ddd) on volume (vvvvvv). CADisk has successfully trapped out a space abend (nnn=837, B37, D37, or E37) and will attempt to continue with other processing.

Action:

Note: To determine the condition associated with the return code, see the IBM guide *Message Library: System Codes*, and examine the ABEND section for the abend code (nnn) and return code (rr).

Correct the problem causing the abend, and rerun the task.

2133

INVALID RECFM FIELD IN DCB

Reason:

The active job needs to know the format of the data set it is processing and the data set has no valid RECFM (record format) field. The job is terminated.

Action:

To continue, see that the RECFM field in the DCB for the data set being processed has a valid RECFM value.

2134

S(nnn) – (rr) ABEND OCCURRED PROCESSING VOLUME=(vvvvvv), DSNAME=(ddd)

Reason:

An abend has occurred during CADisk processing of data set (ddd) on volume (vvvvvv). CADisk has successfully trapped out the abend and will attempt to continue with other processing.

Action:

Note: To determine the condition associated with the return code, see the IBM guide *Message Library: System Codes*, and examine the ABEND section for the abend code (nnn) and return code (rr).

Correct the problem causing the abend and re-run the task.

2135

FIND I/O ERROR, RC = (xx): FIND FOR (ccc) FAILED

Reason:

CADisk searched a PDS directory for a member, searching by TTR or member name (ccc). No member was found.

Action:

Ensure the member exists in the PDS and is correctly formatted for a PDS member.

2136

UNABLE TO READ DIRECTORY BLOCK FROM PDS, REFER TO DDNAME (ddd)

Reason:

An error has occurred while attempting to read a directory block from the PDS pointed to by DDNAME (ddd). The PDS is in error. Verify the validity of the PDS:

- Directory blocks do exist.
- The data set is a PDS data set.
- No I/O errors occur.

2137

INVALID DIRECTORY BLOCK IN PDS, REFER TO DDNAME (ddd)

Reason:

The PDS pointed to by DDNAME (ddd) contains a directory block error. A directory block has an invalid length. Directory block lengths must be 256 bytes. Correct the directory and rerun the job.

2138

I/O (SYNAD) ERROR WHILE PROCESSING DATA SET DMS MODULE (mmm) ENCOUNTERED THE ERROR MESSAGE RETURNED FROM I/O ROUTINE IS: (xxx...) DCB ATTRIBUTES ARE - BLKSIZE (bbb) LRECL (lll) RECFM (rrr)

Reason:

An I/O error was encountered while processing a user data set. This message provides information pertinent to the error. The fields displayed are:

(mmm)

The name of the CADisk module that intercepted the error and caused this message to be printed.

(xxx)

A system-generated SYNAD message.

Note: This message is documented in the in the section Synad Exit Routines in the IBM *Data Management Services Guide* . Optionally, see the JES log for the CADisk run, message IEA000I.

(bbb)

The block size value from the DCB used.

(lll)

The logical record size value from the DCB.

(rrr)

The RECFM value from the DCB used.

2141

AN ERROR HAS OCCURRED WHILE PROCESSING PDS MEMBER = (mmm) AT TTR = (ttt) IN THE PDS

Reason:

CADisk has encountered an error while processing the member (mmm) in a PDS. CADisk cannot successfully process this member. It is located at TTR address (ttt) in the data set. See subsequent error messages for more information about the error and the specific data set in which it was found.

2143

MEMBER LIST PARAMETER HAS BEEN SUPPLIED FOR A DATA SET THAT IS NOT A PDS, COMMAND REJECTED

Reason:

ARCHIVE command validation has determined that the data set the user is requesting to be archived is not a PDS data set. The MEMBER parameter has been supplied on the ARCHIVE command and it is only valid for PDS data sets. Remove the MEMBER parameter from the command and reprocess the command.

2144

ATTEMPT TO PROCESS OTHER THAN FIRST PORTION OF MULTIVOLUME DATA SET: DSN = (ddd) IS A PART (nnn) OF A MULTIVOLUME DATA SET

Reason:

The user has requested that a multivolume data set be archived. The DSNAME (ddd) is only one portion of a data set that exists on more than one DASD volume. CADisk will archive only the entire multivolume data set and the data set must be properly cataloged.

Either the catalog information for the data set is incorrect or the VOLUME parameter on the command specified other than the first volume on which the multivolume data set existed.

2145

EVEN THOUGH A NEEDED CATALOG ACTION FAILED, TARGET DSN = (ddd) HAS BEEN LEFT ON VOL = (vvv) BECAUSE IT WAS PREALLOCATED

Reason:

Normally, when a new target data set cannot be properly cataloged, the source data set is left intact and the target data set is scratched. If the target data set was preallocated, however, its allocation will be left intact. The reason for the catalog failure should be examined, corrected, and the data set recopied if wanted.

2146

DSN = (ddd) WAS NOT REDUCED BECAUSE SHRINK IS NOT SPECIFIED

Reason:

The calculation of space used and the requested reallocation percentage indicated that the data set should be reduced in size. Since the SHRINK parameter was not specified however, the original allocation values were used to reallocate the data set.

2147

BDAM DATA SET (ddd) ON VOLUME (vvv) USES (aaa) ADDRESSING

Reason:

The BDAM data set (ddd) on volume (vvv) uses either ABSOLUTE CCHH or TTR addressing. Both of these addressing techniques require like device types when copying the data set. Absolute CCHH addressing also requires that the new target data set reside on the exact same cylinder (CC) and head (HH) locations as the source data set. This message is issued for reference in case the special allocation requirements cannot be satisfied.

2148

A COMPATIBLE TARGET VOLUME WITH SUFFICIENT SPACE CANNOT BE FOUND FOR DSN = (ddd)

Reason:

Processing for data set (ddd) is bypassed because all volumes in the target volume list were examined, but none were found suitable. The most common reason is that insufficient free space existed on the volume. Other conditions may have designated one or more target volumes as incompatible, such as:

- Absolute cylinder and head allocation needs cannot be satisfied.
- Needed device types for addressing BDAM techniques were not found.
- The block size of the source data set exceeds the track size of the target device.

Action:

Processing continues for the next input data set. A proper target volume should be specified for the named data set and the request resubmitted.

2149

COMMAND REJECTED: USE OF THE ABSOLUTE PARAMETER ALSO REQUIRES SPECIFICATION OF THE PREALLOC PARAMETER

Reason:

The ABSOLUTE parameter was specified, implying that a data set requiring absolute cylinder and head addressing is to be processed. The PREALLOC parameter must also be specified after the user has preallocated the data set on the required cylinder and head address of the wanted target volume. The entire command is rejected, and processing continues with the next input command.

2150

ERROR LOCATING VOLUME REQUIRED FOR PROCESSING: VOLUME = (vvv), DATA SET NAME = (ddd)

Reason:

CADisk has determined through the system catalog or by input VOLUME parameter data that volume = (vvv) is needed to process data set (ddd). When CADisk attempted to locate the volume on the system it was running on, an error occurred. The exact nature of the error is indicated in previous error messages.

This message usually occurs when a data set is cataloged to a volume that no longer exists or to an invalid volume name, or when the volume name supplied on the VOLUME parameter of the CADisk command is not online to the system when CADisk is running.

Action:

Verify the volume name is correct in the catalog or on the CADisk command parameter. Correct the error and reprocess the command in error.

2151

VOLUME (vvv) REMOVED FROM TARGET CANDIDATE LIST

Reason:

Volume (vvv) was named in a list of one or more target volumes for the command being processed. For reasons explained by previous messages, this volume has been removed from the list such that no more attempts will be made to use it.

Processing for the command continues using the remaining candidate target volumes in the list.

2152

MULTI-VOLUME DATA SET (ddd) ON VOLUME (vvv) CANNOT BE PROCESSED

2152

CATALOG INDICATES DATA SET RESIDES ON MORE THAN (nnn) VOLUMES

Reason:

A request has been made to process multivolume data set (ddd) whose initial volume is (vvv) which resides on more than (nnn) volumes. Current CADisk support will only process data sets that reside on (nnn) volumes or fewer. CADisk will not process the data set.

Action:

No action is necessary if bypassing the data set is acceptable, otherwise it will be necessary to move data set (ddd) to a new location so that it no longer resides on more than (nnn) volumes and rerun the job that encountered the error.

2155

DATA SET NAME = (ddd) IS A MULTIVOLUME DATA SET CATALOGED TO THE FOLLOWING VOLUMES: VOLUME SEQUENCE NUMBER (nnn) IS VOLUME = (vvv) ...DMS ENCOUNTERED THE FOLLOWING ERROR WHILE PROCESSING THE DATA SET

Reason:

CADisk has encountered an error while validating multivolume data set formats. Data set (ddd) is the multivolume data set in error. The second part of this message indicates how the data set is cataloged in the system catalog. One line will be printed for each volume on which the data set exists; (vvv) is the volume name and (nnn) is sequence number of this portion of the data set.

Following this message, one or more messages will be printed describing the exact nature of the error encountered.

2157

ARCHIVE REQUEST FOR DATA SET NAME = (ddd) CANNOT BE SATISFIED BECAUSE IT IS AN UNCATALOGED MULTIVOLUME DATA SET

Reason:

A request has been made to archive multivolume data set (ddd), but a catalog entry does not exist for it. To ensure the integrity of archived data, CADisk will only process cataloged multivolume data sets.

Action:

To process the data set, catalog it.

2158

COMMAND REJECTED: SIMULATE OR LIVE MODE MUST BE THE SAME AS THAT ESTABLISHED BY THE FIRST VALID COMMAND

Reason:

The commands in the input stream must all be run in either SIMULATE mode, or all in LIVE mode. They cannot be mixed. The first valid input command sets the mode for the rest of the run. Subsequent commands of a different mode are bypassed. Processing continues with the next command of the proper mode.

2159

COMMAND REJECTED: SOURCE VOLUME FOR THE DATA SET CANNOT BE OBTAINED FROM THE CATALOG

Reason:

The source volume was not provided on the command. CADisk attempted to obtain the volume from the catalog, but it failed. Messages explaining the error from the catalog search have also been printed. Processing continues with the next input command.

Action:

Ensure that the data set name in the command is spelled correctly, provide the proper source volume, and resubmit the request.

2161

AN ERROR RETURN CODE WAS RETURNED FROM TABLE MANAGEMENT ROUTINES: RETURN CODE = (rrr): REQUESTED FUNCTION = (fff): TABLE NAME = (nnn)

Reason:

CADisk internal table management routines have encountered an error during processing for function (fff) on table name (nnn). The return code is also displayed.

Subsequent error messages will be printed indicating the exact nature of the error.

Action:

If you received this message after recently merging two Files Data Sets together, duplicate keys residing in the ARCHVOLS subfile may cause it. Execute the REPARCH Utility to repair the subfile.

This is an internal CADisk processing error, contact CA Technical Support for assistance.

Before contacting CA Technical Support, have the following information available:

- JCL listing for run that failed.
- CADisk command statements entered.
- CADisk generated output.
- Supply a SYSUDUMP DD statement and, if a dump is created, have it available.

2167

FILE REFERRED TO BY DDNAME (xxx) HAS A BLOCKSIZE VALUE OF ZERO, SPECIFY A BLOCKSIZE FOR IT

Reason:

CADisk cannot properly process the data set referred to by ddname (xxx) in the JCL for the abending step. After open processing it contained a block size value of zero.

Action:

This usually occurs when the user has specified DD DUMMY on the JCL for a ddname. If this is the case, specify a BLOCKSIZE parameter in JCL (that is, DD DUMMY,DCB=BLKSIZE=133). Otherwise, change the block size of the data set to a value other than zero, or use another data set.

2168

DMS WAS RETURNED AN ERROR RETURN CODE FROM RACF RACHECK MACRO.ERROR CODE = (ccc) DSN=(ddd), VOLUME=(vvv), ACTION=(aaaa)CLASS=dataset

Reason:

System RACF routines have returned an error return code from the RACHECK macro. CADisk was attempting to determine if the user was authorized to process data set (ddd) on volume (vvv). The error code with the value (ccc) was not expected.

Action:

See the documentation for the RACHECK macro to determine the cause of the error encountered. For assistance, contact CA Technical Support.

2169

******* WARNING - USER SPECIFIED THRU RACFSUPP SYSPARM TO PROCESS WITH RACF SUPPORT BUT RACF IS NOT ACTIVE ON THE SYSTEM RACF-PROTECTED DATA SETS WILL BE BYPASSED**

Reason:

CADisk has used the (RACSTAT) macro to determine if RACF is active on the system on which it is running, but found that RACF was not active. Your installation has indicated through sysparms RACFSUPP and RACFPROC that CADisk RACF support is active. Since the RACF system is not active, CADisk will bypass all RACF data sets.

Action:

Rerun CADisk when RACF is active to process those data sets bypassed in this execution.

2171

DATA SET (ddd) ON VOLUME (vvv) WAS NOT PROCESSED, (sss) ENVIRONMENT IS NOT PROPER or RESOURCE (ddd) NOT AUTHORIZED, (sss) ENVIRONMENT IS NOT PROPER

Reason:

CADisk is unable to process data set (ddd) on volume (vvv) protected by security package (sss) because of one of the following reasons:

For RACF users:

- RACF is not active on the system.
- Sysparm RACFSUPP is not specified correctly.
- Sysparm RACFPROC is not specified correctly.

For CA Top Secret users:

- Sysparm TOPSSUPP is not specified correctly.

For CA ACF2 users:

- Sysparm ACF2SUPP is not specified correctly.

2173

RACF HAS DENIED (aaa) ACCESS TO VOLUME=(vvv), DSNAME=(ddd)

Reason:

CADisk RACF support has issued the system RACHECK macro to ask RACF if the user is authorized to process a data set. RACF routines have returned a return code indicating that the user submitting the job is not authorized to process data set name (ddd) on volume (vvv). CADisk was requesting access level (aaa) for the data set. The RACF class is data set and the data set type is non-VSAM.

Action:

To process the data set you must either be given the proper authority to do so or have the persons authorized to process the data set run the CADisk job.

2174

DMS HAS ENCOUNTERED 20 (RACHECK) ERRORS, PROCESSING TERMINATED WITH USER 200 ABEND

Reason:

Due to the number of RACF errors encountered, CADisk has abended with a USER 200 abend. To process the data sets, correct the problem causing the error and rerun CADisk.

2175

ARCHIVE TAPE DATA BLOCK # (xxx) IS IN ERROR: (ccc) ADDRESS OF LAST GOOD RECORD IN THE BLOCK IS (aaa) LENGTH OF PHYSICAL BLOCK ON TAPE IS (lll)

Reason:

The archive tape verification utility has encountered an error within an archive tape block. The number of the block on the tape is (xxx). The error explanation is (ccc). Following these messages is a hex dump of the archive tape block in error.

Action:

Use the dump to determine the significance of the error.

Note: For further information about the layout of archive tape data blocks, see the section Tape Format in the *Systems Guide.*

(aaa) is the last good logical record of the archive tape block processed. (lll) is the number of characters of data read from the tape for the block in error.

If an extract of data was being performed, the data following this logical record in the block has not been extracted or passed to the user exit module.

2176

ERROR LIMIT OF (xxx) REACHED, STEP TERMINATED

Reason:

CADisk processing has found more than (xxx) errors on the archive tape being processed and has intentionally ended the verification step. If you want to process to find additional errors, specify the ERRORMAX command parameter or increase its value.

2177

ARCHIVE BLOCK NUMBER (nnn) CONTAINS AN ERROR, SEE ERROR LISTING FOR DETAILS

Reason:

This message is printed in the archive tape verification report prior to the data set name to which it applies. It indicates that an error has been encountered for the data set and that additional details concerning the error are printed in the output file for the MSGPRINT DD statement.

Action:

This message usually indicates that data loss has occurred on the archive tape. Switch to the copy tape volume to retrieve proper information from the archives.

2178

LENGTH OF BLOCK READ IS (xxx) BYTES, BUT BLOCK DESCRIPTOR LENGTH, FROM BLOCK DATA, HAS VALUE OF (yyy) ERROR CODE = (eee) VOLUME = (vvv)

Reason:

The read request to return a block from tape has returned a block containing (xxx) characters. When CADisk wrote the block to the archive tape it placed a halfword block descriptor length (yyy) in the block as the first two characters. These values should match but with this block they do not.

Either the block read is not a valid archive tape block or its length has been changed. The physical block length is incorrect. Processing the tape with non-CADisk utilities or because of an I/O error may have caused this. CADisk will continue to process the tape with the error to report on all possible data.

2179

DMS WAS RETURNED ERROR RETURN CODE FROM RACF (RACDEF) DEFINE MACRO DATA SET NAME = (ddd), CLASS = dataset MVOLSER = (xxx), MENTITY = (yyy)

Reason:

CADisk RACF processing support received an error return code from RACF routines that define new data set profiles. CADisk was unable to determine the cause of the error. Along with this message are the fields passed to RACF with the define resource request.

The RACDEF macro returned error code (eee) in register 15. The resource was defined in data set (ddd) located on volume (vvv). CADisk was using the existing resource of data set (yyy) on volume (xxx) as a model to define the new resource.

2181

SYSPARM RACFUSID IS REQUIRED FOR DMS RACF PROCESSING AND WAS NOT FOUND IN SYSTEM PARAMETER TABLE

2181

DATA SET BEING PROCESSED WAS *dsname*

Reason:

The RACFUSID sysparm is used to obtain the CADisk RACF profile data set name prefix. It is required for all CADisk functions creating internal CADisk RACF profiles. The data set that requires sysparm RACFUSID is named *dsname*.

Action:

Supply the CADisk RACF profile data set name prefix in sysparm RACFUSID and rerun CADisk.

Note: For more information, see the description for sysparm RACRFUSIDxxxxxx in the *Systems Guide*.

2183

RESULT OF (xxx) RETURNED FROM ADSDM078

Reason:

This is an internal CADisk processing error, contact CA Technical Support for assistance.

Before contacting CA Technical Support, have the following information available:

- JCL listing for run that failed.
- CADisk command statements entered.
- CADisk generated output.
- Supply a SYSUDUMP DD statement and, if a dump is created, have it available.

2184

FILES INITIALIZATION ENDED WITH ERRORS

Reason:

This message indicates that the request to initialize the Files Data Set has ended without completing its function. See previous error messages for more information about why it did not complete successfully.

2185

FILES INITIALIZATION ENDED SUCCESSFULLY

Reason:

The user has requested that the Files Data Set be initialized and the function has completed successfully. This is an informational message only.

2187

DATA SET NAME = (ddd) WAS NOT RESTORED DUE TO PREVIOUS ERRORS DURING DASD ALLOCATION

Reason:

CADisk has attempted to restore data set (ddd), but an allocation prevented the restore from completing successfully. Investigate any previous error messages and retry the restore.

2188

DSNAME (ddd) WAS NOT ALLOCATED TO VOLUME (vvv). SECURITY ROUTINES REJECTED ALL POSSIBLE TARGET VOLUMES.

Reason:

CADisk tried to allocate data set (ddd) to volume (vvv), but the allocation failed because a security routine rejected all possible target volumes.

2190

REQUEST TO RENAME DATA SET HAS BEEN REJECTED FOR THE FOLLOWING REASON, DATA SET HAS BEEN BYPASSED REASON = (ccc) ORIGINAL DATA SET NAME = (ddd) REQUEST RENAME TO DSN = (nnn) ORIGINAL DSN ON VOLUME = (vvv)

2190

RENAME OF PASSWORD-PROTECTED DATA SETS IS NOT ALLOWED DATA SET HAS BEEN BYPASSED OLDNAME = (ddd) NEWNAME = (nnn)

2190

RENAME OF RACF-PROTECTED DATA SETS IS NOT ALLOWED DATA SET HAS BEEN BYPASSED OLDNAME = (ddd) NEWNAME = (nnn)

Reason:

One of these versions of this message will be issued when CADisk has rejected a request to rename a data set. Possible causes include:

- The user has requested to rename the data set through the NEWNAME parameter during a Restore or Move/Copy function. CADisk has rejected the action for the reason specified by (ccc).
- If this is a restore request and the NEWNAME parameter was not specified, the request is rejected because a new name was given to the data set when it was archived. To restore the data set, the original data set name must be used. Rename the data set by using standard IBM utilities after it is moved/restored.
- Password-protected data sets and RACF-protected data sets may not be renamed through the NEWNAME parameter without sufficient authority. Include sysparm PASSNEWN or RACFNEWN with a value of Y, and resubmit.

2191

DATA SET (ddd) WAS NOT RESTORED, IT IS RACF-PROTECTED

Reason:

CADisk has not been authorized to process RACF-protected data sets. The restore request entered has been rejected because the VTOC entry for the data set indicated it is RACF-protected.

Action:

To restore the data set, your installation must authorize CADisk to process RACF-protected data sets.

2192

DMS DOES NOT HAVE DISCRETE PROFILE SAVED AT ARCHIVE TIME FOR DSNAME = (ddd) DMS WILL INSTEAD USE THE MODEL PROFILE VOLUME (vvv), DSNAME (mmm)

Reason:

During a restore of data set (ddd), which was protected by a RACF discrete profile at archive time, CADisk found that no CADisk-saved profile exists. (A non-default setting of the CADisk sysparm RACFBKUP can cause this condition.)

Action:

In addition, you have set the CADisk sysparm RACFMODL to tell CADisk that under this condition you want CADisk to create a discrete profile for the data set being restored, based on the contents of a specified model discrete profile, data set (mmm) on volume (vvv).

After the restore is complete, you may use RACF utilities to update the profile covering the restored data set to your security requirements.

2193

DATE SUPPLIED IS IN ERROR: (rrr), DATE = (yyddd), TIME = (hhmm)

Reason:

The archive date and time passed to a CADisk translation routine is invalid. Verify the date and time and resubmit the CADisk request. If this is a CADisk RACF-archived profile that is being processed, the date and time portion of the encoded data set name is incorrect.

2194

DMS RACF PROFILE DATA SET NAME CONTAINS AN INVALID PREFIX AS LEVEL-1 NODE OF DSN

Reason:

CADisk has determined that it is processing a CADisk archive RACF profile data set name by the presence of unprintable characters in the data set name. This encoded data set name has an invalid prefix for CADisk.

Action:

In some cases, the data set name may not have been created by CADisk and is not a CADisk RACF-archived profile. If this is the case, do not process the profile with CADisk.

If the profile is a CADisk RACF-archived profile, verify that the first index of the data set name is eight characters or less. The same prefix should also be specified as the value for sysparm RACFUSID.

2195

ERROR DECODING DMS RACF DATA SET NAME, IT IS NOT A DMS-ENCODED DATA SET NAME

Reason:

CADisk has determined that the profile data set name being processed is a CADisk archive RACF profile data set name, because it had unprintable characters in the data set name. When CADisk tried to decode the data set name into a real data set name, archive date and archive time, it encountered an error.

Action:

The data set name processed is not a CADisk-encoded profile data set name. Do not process it with CADisk. Following this message is a dump of the profile data set name.

2196

DATA SET NAME PRINTED IN ABOVE MESSAGE IS A DMS RACF-ENCODED DATA SET NAME: ITS DECODED VALUES FOLLOW: ARCHIVED DATA SET NAME = (ddd) ARCHIVED DATE = (mm/dd/yy), TIME = (hh.mm)

Reason:

The previous message pertains to a CADisk archive RACF profile data set name. During archive of RACF-protected data sets, CADisk encodes data set names with the date and time the data set is archived. The encoded data set names are stored in the RACF profile data set. This message describes the values found in the encoded data set name (ddd).

2197

DMS WAS RETURNED ERROR RETURN CODE FROM RACF RACDEF DELETE MACRO ERROR CODE = (eee), VOLUME = (vvv), DATA SET NAME = (ddd), CLASS = dataset

Reason:

CADisk RACF processing support received an error return code from RACF routines that delete existing data set profiles. CADisk was unable to determine the cause of the error. Along with this message are the fields passed to RACF with the delete resource request.

The RACDEF macro returned error code (eee) in register 15. The resource being deleted was data set name (ddd), located on volume (vvv).

2199

(ttt)

Reason:

This message has been issued by the SCRTCHEX user exit routine.

Note: For information regarding the module name issuing this message, see the description for sysparm SCRTCHEXmmmmmmmm in the *Systems Guide.*

Messages 2200-2299

2200

TARGET VOL= (vvv) IS AN INCOMPATIBLE DEVICE TYPE FOR BDAM DSN = (ddd)

Reason:

The BDAM data set (ddd) uses either absolute cylinder and head addressing or relative track addressing, both of which require a like device type to be moved. Absolute addressed data sets also require identical CCHH locations on the target as on the source. Volume (vvv) has been skipped as a possible target volume because these requirements cannot be met.

2201

TARGET VOL (vvv) IS AN INCOMPATIBLE DEVICE TYPE FOR DSN (ddd) DATA SET BLOCKSIZE EXCEEDS DEVICE TRACK SIZE or TRACK OVERFLOW IS REQUIRED BUT NOT SUPPORTED ON THE DEVICE

Reason:

Unless the record format of a data set specifies the track overflow attribute, a physical data block cannot exceed the physical track size of the device on which it will reside. If the track overflow attribute is present, the device may not support that feature, in which case the second form of the message is issued.

Volume (vvv) was skipped as a possible target volume for data set (ddd) because of the conflict. Selection of a possible target volume continues with the examination of the next volume in the target list.

2202

LIVE MODE WILL REQUIRE A PREALLOCATED DATA SET FOR DSN = (ddd)

Reason:

A preallocated version of data set (ddd) must exist for CADisk to process this data set. It was not found during this simulate run. Simulate processing continues after issuing this warning message. If the data set is not properly preallocated prior to the live run, the data set will not be copied.

2203

A REQUIRED PREALLOCATED DATA SET WAS NOT FOUND FOR DSN = (ddd)

Reason:

A properly preallocated data set is required in order for CADisk to process data set (ddd). It is bypassed and processing continues for the next data set.

2204

BDAM DATA SET (ddd) ON VOLUME (vvv) MUST BE ALLOCATED AT (cchh) = CYLINDER/HEAD ADDRESS: PRESENT ALLOCATION IS AT (cchh) = CYLINDER/HEAD ADDRESS

Reason:

The absolute cylinder and head allocation addresses for BDAM data set (ddd) on volume (vvv) are incorrect. The data set cannot be processed until the correct location addresses are provided. The data set is bypassed, and processing continues for the next data set.

2205

TARGET VOLUME (vvv) SKIPPED FOR DSN = (ddd): TARGET VOLUME MUST BE DIFFERENT FROM THE SOURCE VOLUME

Reason:

The source volume (vvv) for data set (ddd) was also found in the list of possible target volumes. An in-place copy is not allowed, so processing continues with the examination of the next volume from the target list.

2206

EVEN THOUGH AN ERROR OCCURRED DURING THE COPY, TARGET DSN = (ddd) HAS BEEN LEFT ON VOL= (vvv) BECAUSE IT WAS PREALLOCATED

Reason:

This warning message is issued to explain why the unusable portion of data set (ddd) has been left on target volume (vvv). Under most circumstances, the incomplete data set on a target volume is scratched. The source data set is left intact and processing continues for the next data set.

2207

EXCLUSIVE CONTROL OF DSN = (ddd) CANNOT BE OBTAINED IN ORDER TO PERFORM NEEDED (CATALOG UPDATE)/(SCRATCH ACTION)

Reason:

Another task was concurrently using data set (ddd). If CADisk were to perform the catalog update without exclusive control, data loss may occur. MVS will not allow a data set to be scratched when it is in use by another task, in order to maintain integrity of the data set.

Action:

To copy this data set, specify the NOCATALOG and NOSCRATCH parameters, or run the job at a time when no concurrent task is using the data set.

2208

FORMAT-2 DSCB NOT FOUND ON VOL (vvv) FOR DSN (ddd)

Reason:

ISAM data set (ddd) has been allocated (or preallocated) on volume (vvv). However, the format-2 DSCB, which contains many of the ISAM data set attributes, cannot be found on the volume. CADisk does not support multivolume ISAM data sets, which the absence of the format-2 implies.

Action:

Either preallocates the target ISAM data set correctly as a single volume data set or scratches it and let CADisk allocate it on the target volume.

2209

THE PREALLOCATED DATA SET WAS NOT FOUND FOR DSN = (ddd)

Reason:

An attempt to allocate data set (ddd) failed with a return code indicating that the data set already exists on the target volume. An attempt was then made to retrieve the existing data set's VTOC entry, but this also failed. This is an extremely unusual condition. The DASD volume involved should be examined for possible VTOC damage or contamination. If there is no damage, try to process the data set again. Otherwise, select a different target volume and retry.

2210

REBLOCKING CANNOT BE DONE FOR DSN (ddd): REASON - (ttt)

Reason:

One of the following explanations applies:

- System CVOL catalogs have predefined formats. This format must be maintained in order for the catalog to continue to function correctly.
- Record format is neither FB nor VB. Only those data sets, which are currently of a blocked format, can be reblocked. Unblocked data sets are not converted to blocked, because application programs may not be designed to handle a block of records where previously only a single record was retrieved.
- Logical records span physical blocks. Support for reblocking data sets with the SPANNED attribute is not provided.
- Either logical record or block size is zero. Zero lengths cannot be used to determine new blocking factors to arrive at a new block size.
- Directory attributes imply it is a load library. One or more members of the PDS has user TTR fields, which implies that the PDS is a load library. Load libraries have special record format requirements, which are not supported for reblocking.
- No reblocking table entry applies. The reblocking table allows for new block size values to be specified for various combinations of device types, data set organizations and record formats. An entry cannot be found that applied to the device type, DSORG, and RECFM of the named data set.
- No entry in device-dependent table for overhead. Reblocking requires knowledge of the number of overhead bytes used for each data block written on each different device type. This value cannot be obtained for the device the named data set resides on.
- Logical record length exceeds block size limit. The maximum block size to be used for this data set is smaller than a single logical record, which prevents reblocking.
- Logical record length plus 4 exceeds BLKSZ limit. Similar to the previous explanation, except that the data set has variable-length records rather than fixed, which requires that the block size be at least 4 bytes larger than the maximum logical record.

2211

ALL TARGET VOLUMES ARE INVALID, OR ALL HAVE BEEN DYNAMICALLY REMOVED FROM THE CANDIDATE LIST: PROCESSING FOR THIS COMMAND HAS BEEN TERMINATED PREMATURELY

Reason:

Processing for any remaining data sets from the one or more source volumes has been skipped because there are no longer any target volumes available. Possible reasons why the list of target volumes has become empty are:

- Volume names were misspelled.
- Volumes are not online (or in mass store).
- The volumes are out of free space.

Action:

Ensure that appropriate target volumes are specified and resubmit the job.

2212

dsn is cataloged to another volume

Reason:

This message can be issued for two situations:

If a catalog locate for data set dsn was completed successfully but no cataloged volumes were returned, the catalog entry is probably in error. This condition is normal when locate is done for the (+1) GDG name. The (+1) data set name has not yet been cataloged and locate serves merely to return the properly incremented data set name.

The message also issues when the data set is an uncataloged data set and another data set has the same name cataloged.

Action:

For the first situation, correct the catalog entry for the dsn. Otherwise, no action is needed.

2213

DATA SET NAME IS OF RELATIVE GDG FORM BUT CANNOT BE RESOLVED TO THE ABSOLUTE NAME: DATA SET NAME = ddd(nn)

Reason:

Data set name (ddd), which was specified in the command, has an appended (nn), implying that it is a relative GDG name. An attempt to convert the relative name to its absolute or true generation name (appended G000XV00) has failed. Verify that:

- The correct name was supplied.
- The GDG index has been built properly.
- The data set exists.

2214

COMMAND REJECTED- VERSION NOT ALLOWED IN DSNAME-USE VERSION PARAMETER

Reason:

While running the IXUPDATE utility, DSNAME was specified with a version number.

Action:

Use the VERSION parameter to specify the version number, and then resubmit the request.

2215

A MEMBER LIST IS NOT SUPPORTED FOR DEFERRED RESTORES: ALL MEMBERS WILL BE PROCESSED

Reason:

A request was made to place a data set name into the queue of data sets to be restored. The request specified a list of one or more member names.

The queue for holding the deferred restore requests does not contain space for storing the member list. Therefore, the entire data set (all members) will be processed. This message is informational only, as processing will continue for the data set.

The list of members is supported only when the request is executed immediately; that is, not placed in the queue.

2216

THE FOLLOWING DATA SET NAME IS INVALID: DSN (ddd), CHARACTER AT POSITION (nn) IS IN ERROR: (variable text explaining the error)

Reason:

The character at position (nn) within data set (ddd) cannot be used. The variable text indicates one of the following:

- Each data set qualifier (node or index) as well as the simple name of the data set must begin with an alphabetic or national character.
- Each qualifier or simple name must be from one to eight characters in length.
- The second through eighth characters must consist of alphabetics, numerics, nationals, hyphens, or plus-zeros (12-0 card punches).
- A data set name cannot end with a period.
- A data set name cannot contain embedded blanks.
- The relative GDG number must start in or after position 2, and in or before position 36. All generation groups require at least a single- character GDG index, hence the position 2 requirement. The absolute generation number with its preceding period occupies nine characters, hence the position 36 requirement in order to fit the absolute name into the maximum 44 characters for a data set name.
- The relative GDG number (the value between the two parentheses) must be numeric.
- The closing parenthesis around a relative GDG number is missing.
- If restoring a non-IBM-standard data set name, you may need to bypass some of the data set name validation.

2217

SYSPARM (sss) IS INVALID: CORRECT IT AND RESUBMIT

Reason:

Sysparm EXPASCOP is used to specify the default scratch action to be taken after an explicit archive. The value appended to the name must be one of the following:

S

For scratch.

N

For no scratch.

Sysparm ARCATOPT is used to specify the default catalog action to be taken after an explicit archive. The value appended to the name must be one of the following:

U

For uncatalog.

N

For no catalog action.

R

For recatalog to the CADisk pseudovolume.

Sysparm EXPARSOP is used to specify the default action to reset the change bit after an explicit archive. The value appended to the name must be one of the following:

Y

For reset it (turn it off).

N

For no reset.

Action:

Correct the sysparm entry and resubmit the job.

Note: For proper values for other sysparms, see the chapter "System Parameter Definitions" in the *Systems Guide*.

2218

THE PREVIOUS CATALOG UPDATE FAILURE HAS CAUSED THE SCRATCH OF THE DATA SET TO BE SKIPPED

Reason:

Processing had called for a change in the catalog status of a data set. A previous message describes the error that occurred during the catalog update attempt. In order to maintain the highest degree of catalog and VTOC synchronization, each scratch request is conditioned upon the success of any accompanying catalog update request. Correct the condition that caused the catalog update failure and resubmit the job.

2219

***** WARNING *** SOME OF THE RESERVE MACROS FOR FILES INTEGRITY ARE BEING SUPPRESSED - THE USE OF THIS OPTION MAY RESULT IN LOST DATA IN A SHARED DASD ENVIRONMENT**

Reason:

To protect the CADisk Files Data Set in a shared DASD environment, the RESERVE macro is used to encompass all updates. The installation option to suppress the RESERVES for the function in progress introduces an integrity exposure. Any file updates made concurrently from another CPU may damage the Files Data Set and lead to unpredictable results.

2220

DATA BLOCK COUNT EXHAUSTED BEFORE END OF BLOCK CHAIN FOR FILE (fff) — (nnn) ADDITIONAL BLOCKS WILL BE READ IN AN ATTEMPT TO FIND

2220

THE END THE END OF THE BLOCK CHAIN WAS NOT FOUND - PROCESSING TERMINATED FOR FILE=(fff)

Reason:

The number of used data blocks for file (fff) was read. The last block read should indicate that it is indeed the last, but instead it contained a pointer to another block. On the assumption that the block count was wrong, an additional (nnn) blocks will be read. If the end is still not found, processing is terminated for that file.

Action:

The Files Data Set has been damaged and should be recovered before proceeding.

2221

RECORD COUNT WAS IN ERROR FOR THE DATA BLOCK CONTAINING THE EOF

Reason:

This warning message is issued when the data block that contained the logical end of file contains an error in the number of logical records. The user should verify that all records are present before reloading and overlaying the original Files Data Set.

2222

LOGICAL END OF FILE WAS REACHED PRIOR TO EXHAUSTING THE BLOCK CHAIN OR THE BLOCK COUNT - TOTAL BLOCKS=(xxx) REMAINING BLKS=(yyy)NEXT BLOCK RBA=(zzz)

Reason:

If the number of remaining blocks is non-zero, the total block count as recorded internally was in error. If the next block RBA is non-zero, the logical end of file may have been in error.

Action:

In either case, the unloaded records should be inspected for completeness before reloading and overlaying the original Files Data Set. The Files Data Set may need to be recovered before continuing.

2225

NOTE: PDS CONTAINS NO MEMBERS, DATA SET NAME = (ddd), VOLUME = (vvv)

Reason:

During processing CADisk has encountered a PDS that contains no members. This is an informational message only. No action need be taken.

This message is often encountered when using the PDS compress RELOAD function. This is because the PDS to be reloaded has no members before the reload process begins. In this case, the message has no meaning.

2226

(ttt)

Reason:

This message has been issued by your user exit routine. The value you have specified in sysparm ALOCATEX is the name of your user exit module, which issued the message.

2227

DATA SET NAME = (ddd) CONTAINS UNPRINTABLE CHARACTERS BUT IS NOT A DMS RACF-ENCODED DATA SET NAME

Reason:

CADisk has been requested to process data set name (ddd) as a CADisk archive RACF profile data set name, but it has an invalid format for CADisk. It is probably not a CADisk archive data set profile data set name.

Action:

Do not process the data set with CADisk.

2228

DELETE OF RACF PROFILE CANNOT BE PROCESSED BECAUSE DMS RACF SUPPORT IS NOT ACTIVE FOR REASON = (rrr)

Reason:

CADisk has been requested to delete a profile for a data set, but CADisk RACF support is not active. (rrr) indicates why CADisk RACF support is inactive:

- 3 = Sysparm RACFSUPP or RACFPROC has been specified to turn CADisk RACF support off.
- 4 = RACF is inactive on the system.

2229

PROFILE FOR PREVIOUS DATA SET NOT DELETED DUE TO THE ERROR ENCOUNTERED

Reason:

This message follows a CADisk error message indicating a RACF error has been encountered. Due to the error indicated in the previous message, the requested profile has not been deleted.

2230

NO VALID COMMANDS HAVE BEEN ENTERED, NO ACTION TAKEN

Reason:

The CADisk functions being executed have not processed any valid commands during their execution. CADisk has not performed any valid operations during this run.

This is an informational message only. It warns the user that nothing has been accomplished during this execution.

2231

"DATE" or "TIME" PARAMETERS ARE NOT VALID FOR USE WITH RACF PROFILES NOT GENERATED BY DMS

Reason:

The user has entered a DATE or TIME parameter when processing a RACF profile not generated by CADisk archive processing. Date and time data is encoded in archive data set profiles and thus is needed to process them. When processing regular data set profiles, do not include these parameters. Remove the DATE or TIME parameters from the command and resubmit it for processing.

2232

"DATE" AND "TIME" PARAMETERS ARE REQUIRED FOR PROCESSING RACF PROFILES GENERATED BY DMS

Reason:

The user is attempting to process a CADisk profile generated during archive data set processing. CADisk profiles have encoded in their data set name the date and time the data set was archived. To select a CADisk profile for processing, the date and time data is needed. This information is normally retrieved from the CADisk archive index. If it is not available from that source, it must be entered through the command statement.

Action:

Use the CADisk LISTD command to obtain the date and time the data set was archived, and supply them in the DATE and TIME parameters on the command statement.

2233

DATE SUPPLIED (ddd) IS IN AN IMPROPER FORMAT OR IS AN INVALID DATE

Reason:

The date entered on the CADisk command is not valid.

Action:

Make the needed correction, and resubmit.

Note: For more information, see the section Date Formats in the *User Guide*.

2234

TIME SUPPLIED (ttt) IS INVALID OR NOT NUMERIC

Reason:

The time the data set was archived has been entered incorrectly. It must be specified in hours and minutes format. It should be specified as (hhmm) where (hh) is the hour of the day (24-hour clock) the data set was archived, and (mm) is the minute of the hour. This information may be obtained by using the CADisk LISTD function to list the time recorded in the CADisk archive index.

2237

NO DATA SET INDEX RECORD FOR ARCHIVE DATA SET NAME = (ddd)

Reason:

The CADisk file maintenance utility cannot find an archive data set index record for data set (ddd). The index record is needed to determine the archive date and time to be used when processing the CADisk profile.

Action:

Supply the DATE and TIME command parameters for the data set. If the data set name index record should exist, verify the name is spelled correctly and that the proper Files Data Set is being accessed.

2238

DELETE OF PROFILE FOR DATA SET NAME = (ddd) COMPLETED SUCCESSFULLY

Reason:

The RACF profile for data set name (ddd) has been deleted from the RACF profile data set by the user's request. The command has completed without errors.

2239

CREATE OF PROFILE FOR DATA SET NAME = (ddd) COMPLETED SUCCESSFULLY

Reason:

The RACF profile for data set name (ddd) has been created and placed in the RACF profile data set by the user's request. The command has completed without errors.

2240

VOLUME PARAMETER IS REQUIRED FOR ALL NON-DMS PROFILE DATA SET NAMES THAT ARE NOT CATALOGED, COMMAND REJECTED

Reason:

The CADisk RACF profile maintenance has been requested to process a RACF profile for a standard data set. The VOLUME parameter was not specified for the data set so CADisk attempted to retrieve the volume information from the system catalog. Catalog access return codes indicated the data set is not cataloged.

Action:

Supply the VOLUME parameter for the command in error. If the data set is cataloged, verify the data set name is spelled correctly.

2241

"LRECL" AND/OR "BLKSIZE" NOT SPECIFIED IN OUTPUT FILE JCL OR DATA SET, DDNAME = (ddd)

Reason:

A request has been made to write data to the data set referred to by DDNAME = (ddd). DCB information is required to determine output data characteristics, but no DCB information was found in the VTOC entry for the data set or DD statement JCL. The job terminated with a user 100 abend.

Action:

Specify appropriate DCB information in the JCL for the data set. Either the LRECL or BLKSIZE data, or both, must be supplied.

2243

DMS WAS RETURNED ERROR RETURN CODE FROM RACF (ADDVOL) MACRO: ERROR CODE = (eee) VOLUME = (vvv), DATA SET NAME = (ddd), CLASS = dataset, MVOLSER = (ooo)

Reason:

CADisk RACF processing received an error condition from RACF processing routines when an attempt to add an additional volume serial to a data set profile was made.

The RACDEF macro returned a return code of (eee). Volume (ooo) already existed for the profile. Data set (ddd) on volume (ddd) was the resource being processed.

Action:

See the IBM documentation for the RACF RACDEF macro to determine the meaning of the condition code returned.

2244

VTOC ENTRY FROM COMPRESS WORK DATA SET WAS NOT FOUND, DDNAME = (compwork), ERROR CODE = (eee)

Reason:

An obtain error was returned when trying to get VTOC information of the PDS Compress work data set. The COMPWORK DD statement in the COMPRES step of the procedure points to this data set.

Action:

Verify the DD statement is present and points to a data set allocated on a DASD device pointed to by the system catalog.

2245

ERROR DELETING PROFILE FOR PDS COMPRESS WORK DATA SET, DDNAME = (compwork)

Reason:

CADisk has abnormally terminated processing with a user 100 abend because an error was encountered. CADisk was unable to delete the profile for the PDS Compress work data set referred to by the COMPWORK DD statement. The data set is still protected. Profile cleanup for the data set must be done manually.

Action:

See previous error messages for more information concerning the error.

2247

UNABLE TO ADD VOLUME TO RACF PROFILE OF DATA SET BEING COMPRESSED

Reason:

CADisk encountered a problem when attempting to add a volume serial to the RACF profile of the RACF-protected PDS being compressed. The volume serial is being added to the profile to prevent the profile from being scratched when the data set is scratched and reallocated. The volume will be deleted from the profile when the compress is completed.

Action:

See previous error messages to determine the cause of the error. The PDS being processed is not damaged and has not been compressed.

2248

ERROR DELETING DUMMY VOLUME FROM PROFILE FOR DATA SET BEING COMPRESSED

Reason:

CADisk added a DUMMY volume to the RACF profile information for the data set being compressed. It has been added to ensure that the original profile information for the data set is not deleted when CADisk deletes and reallocates the data set to adjust space.

Action:

After the compress was complete, CADisk was unable to delete the DUMMY volume from the profile. See previous error message to determine the exact cause of the delete failure.

2249

UNABLE TO RE-ADD VOLUME TO DATA SET THAT WAS COMPRESSED, PROFILE IS INCORRECT

Reason:

CADisk determined that the data set being processed by PDS Compress needed to have its profile reconnected after the compress was completed. When trying to do an ADDVOL to reestablish the profile data for it, CADisk encountered an error. See previous error messages for an explanation of the error encountered.

The compress has completed, but the compressed data set no longer has a RACF profile. Its RACF bit in the VTOC entry is still set on, so it may not be accessed until the profile is manually generated for it.

2256

DAIR ERROR - (ddd) - (ttt) RC (nn)

Reason:

The module indicated cannot allocate the file indicated by the DDNAME (ddd). The (ttt) indicates the type of error — either allocate or deallocate. The return code (nn) is the reason why the action failed. See the IBM guide *Writing a Terminal Monitor Program or a Command Processor* for the meanings of these return codes.

Action:

Ensure that the file indicated is either allocated to the terminal or the file name is in DMSPARMS.

Note: For more information, see the section Activating TSO Support in the *Installation Guide*.

2268

NO DEFERRED ARCHIVE ENTRY IS PENDING FOR THE DATA SET (ddd)

Reason:

A request was submitted to delete a deferred archive entry for data set (ddd), but no entry for that data set name was found. Ensure the data set name was spelled correctly. Do a LISTREQ and ensure the entry exists. This same message is issued even if the archive request has been accomplished (that is, the disposal has run).

2269

NO DEFERRED RESTORE ENTRY IS PENDING FOR THE DATA SET (ddd)

Reason:

A request was submitted to delete a deferred restore entry for data set (ddd), but no entry by that data set name was found. Ensure the data set name was spelled correctly. Do a LISTREQ and ensure the entry exists. This same message is issued even if the restore request has been accomplished (that is, the disposal has run).

2271

REQUIRED DMS DATA SETS CANNOT BE ALLOCATED

Reason:

The module indicated tried to allocate the CADisk FILES/PARMLIB data sets specified in DMSPARMS.

Action:

To resolve this problem, see the section Activating TSO Support in the *Installation Guide*.

2273

DEFERRED ARCHIVE REQUEST QUEUED SUCCESSFULLY

Reason:

The user has requested a data set be queued for archival. CADisk has determined the request is valid and has entered it in the ARCHCMDS subfile to await disposal. No further action is required.

Messages 2300-2399

2303

USER TTR IS OUT OF SEQUENCE

Reason:

While processing a PDS directory entry, the user TTR field cannot be verified. CADisk expects user TTR values to be ascending unless the load module has the SCTR attribute. Processing was terminated for the PDS and CADisk will continue with the next request (RC=8 will be set). The member name is indicated in message 2304, which follows.

2304

ERROR IN MEMBER (mmm)

Reason:

This message names the member for which a previous error message has been issued.

2305

WARNING: DUPLICATE TTR FOR MEMBER

Reason:

While processing a PDS directory, CADisk encountered a member that has the same TTR value as a previous member. This can happen if a PDS is updated by two separate jobs at the same time. IBM recommends specifying DISP=OLD whenever a PDS is to be updated. This problem occurs typically if a PDS can be updated by an online system (like TSO). Determine which member is in error and restore that member.

2306

(mmm) WAS NOT RESTORED DUE TO PREVIOUS ERROR

Reason:

Member name (mmm) is in error. See previous message for the reason CADisk cannot process this member. CADisk will attempt the next member.

2312

INVALID CLUSTER TYPE OF (tt)

Reason:

While attempting to restore a VSAM entity, an invalid cluster type was encountered on the CADisk input tape. The only type of VSAM component, which can be restored, is a base cluster (type = C).

2314

INVALID RETURN CODE FROM ADSDB004

Reason:

An invalid return code from ADSDB004 was detected. This is indicative of an internal CADisk logic error. For assistance, contact CA Technical Support.

2315

THE FOLLOWING CLUSTER CANNOT BE DELETED DUE TO DYNAMIC ALLOCATION FAILURE: (ddd)

Reason:

CADisk detected an error while attempting to allocate VSAM cluster (ddd). Because the cluster cannot be allocated, no attempt was made to delete the component. See the preceding message for a description of the exact nature of the allocation failure.

2324

DATA SET CONTAINS A DISCONNECTED ALIAS. ALIAS NAME = (nnn)

Reason:

During Move/Copy processing, CADisk encountered a partitioned data set, which resides on a mass storage device that has a disconnected alias. The alias name is (nnn). The data set is identified in an accompanying message. This data set cannot be processed by Move/Copy and is bypassed. To process this data set, reconcile the disconnected alias and resubmit the job.

2344

(ddd) NOT RECATALOGED FROM (vvv) TO (ttt) - FILE NBR = (nn), NOR WAS IT SCRATCHED FROM (vvv) BECAUSE DMS CANNOT GET EXCLUSIVE CONTROL OF IT

Reason:

During disposition processing in sequential migration, CADisk tried to recatalog the migrated data set (ddd) from the source volume (vvv) to the tape volume (ttt) but failed because it cannot get exclusive control of it. Probably some other job or online user had it. The data set was migrated to tape and can be manually recataloged. Because CADisk cannot recatalog the data set, it did not scratch the data set from the source volume (vvv).

2345

RECATALOG ATTEMPT FOR (ddd) TERMINATED BECAUSE IT SPANS MORE THAN TWENTY FIVE VOLUMES

Reason:

CADisk migrated data set (ddd) that required more than twenty five tape volumes to hold it, but CADisk can only recatalog up to twenty five volumes. Recatalog the data set manually if it needs to be recataloged. Data set on source volume is still cataloged and has not been scratched.

2346

ERROR DURING RECATALOGING OF DATA SET NAME = (ddd) TO (vvv) - DEVTYPE = (ttt) REG 15 RETURN CODE (nn), REG 0 REASON CODE (nn)

Reason:

CADisk attempted to recatalog data set (ddd) to volume (vvv), which is a device type (ttt), but the recatalog action failed.

Note: For an explanation of the return codes, see IBM's *OS/XXX Systems Programming Library: Data Management Guide* (where xxx stands for your operating system, such as MVS).

2347

MULTITAPE VOLUME DATA SET CATALOGED DATA SET NAME = (ddd) TAPE VOLUMES = (vvv)

Reason:

Data set (ddd) was migrated to tape, but it required two or more tape volumes (vvv). This is an informational message only and no action is required.

2348

DATA SET NAME (ddd) RECATALOGED FROM (vvv) TO (ttt) FILE SEQUENCE NUMBER = (nn)

Reason:

CADisk has successfully recataloged data set (ddd) from volume (vvv) to volume (ttt), with file sequence number (nn). No further action is required.

2349

DATA SET NAME (ddd) WAS NOT RECATALOGED FROM (vvv) TO (ttt), FILE SEQUENCE NUMBER (nn)

Reason:

A request to recatalog data set name (ddd) from volume (vvv) to volume (ttt) has failed. An error message preceding this message should explain further why the recatalog failed. Correct the problem and rerun job.

2350

ERROR DELETING PROFILE FOR PDS DATA SET TO BE RELOADED

Reason:

The user is trying to reload a PDS to a preallocated space allocation that already has a RACF profile associated with it. To ensure data set integrity, CADisk needs to delete the profile so the original profile information may be associated with the PDS.

Action:

During the attempt to delete the profile information, an error has occurred. See previous error messages for more information concerning the error.

2351

ERROR GENERATING PROFILE FOR DATA SET TO BE RELOADED

Reason:

CADisk is trying to reload a PDS into an existing data set allocation. The data set being reloaded was RACF-protected. CADisk is attempting to RACF-protect the target PDS. An error occurred while attempting to add the necessary profile information to the RACF profile data set. See previous error messages for more information concerning the error.

2354

PDS COMPRESS RELOAD FAILED DUE TO REASON SPECIFIED IN PREVIOUS ERROR MESSAGE A USER 200 ABEND HAS BEEN ISSUED TO ENSURE COMPRESS WORK FILE IS NOT SCRATCHED

Reason:

PDS Compress reload processing has ended in error. Previous messages indicate the exact nature of the error encountered. The compress job has abended to prevent JCL parameters from causing the work data set to be deleted. Correct the problems encountered and rerun the reload command to recover the PDS.

2355

INFORMATION FOR DATA SET = (ddd)

Reason:

A request to display RACF profile information for resource name (ddd) has been entered. This message and those immediately following it contain RACF profile information pertaining to the specified resource name. See the appropriate IBM Reference Guides for an explanation of the fields displayed.

2356

ERROR IN PARAMETER DATA, JOB TERMINATED WITH USER 200 ABEND: REASON = (rrr)

Reason:

The module issuing this message requires input parameter data to be specified in the parameter field of the execute statement in the JCL. The data encountered in the execute JCL is incorrect. (rrr) is a brief explanation of the error encountered.

2357

WARNING, NO ARCHIVE VOLUME RECORDS EXIST IN ARCHIVE VOLUME INDEX (ARCHVOLS)

Reason:

The ARCHVOLS subfile of the Files Data Set contains no records. This is probably because no data sets have been archived or all volumes have previously been purged or deleted from the archives. This is a warning message only.

2358

WARNING, PROCESSING CAN ONLY ACCEPT UP TO (nn) VOLUMES, SOME VOLUMES HAVE BEEN BYPASSED

Reason:

The CADisk function currently being executed has a limit of (nn) on the number of volumes that can be processed. This message is issued as a warning to indicate the limit has been reached and some volumes have not been included in the processing.

2359

MESSAGES PERTAINING TO COMMAND NUMBER (nn)

Reason:

This message indicates that all subsequent messages printed pertain to the (nn)th command entered in the CADisk input command stream (DD = SYSIN). Its purpose is to help users identify messages and their associated commands.

2360

PROCESSING COMPLETED WITH CONDITION CODE OF (nn)

Reason:

The CADisk function that was requested has been completed with the condition code (nn). This is an informational message only.

2361

EITHER VOLUME OR DATA SET NAME PARAMETER MUST BE SPECIFIED FOR THIS COMMAND; COMMAND REJECTED

Reason:

The command entered requires as input either the VOLUME or DSNAME parameter. The command has been bypassed. Enter one of the required parameters and resubmit the command.

2362

COMMAND REJECTED - LIST PARAMETER MUST CONTAIN VALUE OF NONE, ALL, DATA SET NAME, OR VOLUME

Reason:

The previous input command has been rejected because the LIST parameter contains an invalid value. Enter one of the values specified on the message and resubmit the command.

2364

DELETED DSN=(ddd), (fff) (yyyy.ddd) (hh.mm), EXPDT=(yyyy.ddd), VOL=(vvv) FAST=(sss)

Reason:

The CADisk DSNINDEX record for the data set (ddd) has been deleted from the archives. The date and time shown is the date and time the data set was archived or backed up. The function (fff) is either Archive or Backup. EXPDT is the date on which the data set was scheduled to expire, (vvv) is the archive volume on which the data set resided and (sss) is the Fast Migrate flag (YES or NO).

Action:

None. This is an informational message.

2365

THE FOLLOWING DSNINDEX RECORD WAS DELETED BECAUSE NO ARCHIVE VOLUME RECORD EXISTED FOR IT

Reason:

CADisk has detected an error condition in the Files Data Set. A record for an archived data set points to an archive volume that no longer exists as part of the archives. The data set cannot be restored because CADisk does not have access to the archive volume. Subsequent messages indicate the data set name and archive volume in error.

Action:

If the archive volume does exist in your tape library, you may use the REBUILD function to recreate index entries in the DSNINDEX, so the data set may be restored when needed. CADisk has deleted the DSNINDEX record in error. The error condition no longer exists in the Files Data Set.

2366

NO ARCHIVE INDEX RECORD WAS FOUND FOR ARCHIVE TAPE VOLUME = (vvv), WARNING - DELETE FAILED FOR THIS ARCHIVE TAPE (PRIMARY)

Reason:

CADisk archive index maintenance processing has encountered an error condition in the Files Data Set. One or more DSNINDEX records pointed to an archive volume record and the archive volume record (ARCHVOLS) does not exist. CADisk has deleted all DSNINDEX records for the volume. The error condition in the Files Data Set has been corrected.

2367

DELETED ARCHIVE (xxx) TAPE VOLUME (vvv) FROM THE ARCHIVE INDEX, CREATED (ddd)/(ttt), EXPDT = (eee) DATA SET NAME = (ddd) FAST=(sss) Or ARCKEY= (nnn) DELETED, (RECORD (xxx) OF (yyy))

Reason:

Archive tape volume (vvv), with data set name (ddd), has been removed from the CADisk archive index; the volume was an (xxx) type. If (xxx) is PRIMARY, this was the original volume to which data sets were archived. If (xxx) is COPY, this is a duplicate copy of a primary volume. The message also displays the expiration date of the archive volume, along with its create date and time and the Fast Migrate flag (sss) is either YES or NO. If the archive data set used more than one volume, message lines are printed with the additional volume (nnn) and sequence numbers (xxx) and (yyy).

Action:

None. This is an informational message.

2368

ARCHIVE VOLUME INDEX RECORD CONTAINS POINTER TO COPY VOLUME RECORD THAT DOES NOT EXIST. VOLUME RECORD WITH INVALID POINTER = (vvv); VOLUME MISSING = (ccc); COPY VOLUME POINTER DELETED.

Reason:

CADisk has discovered an error condition with an archive volume record (ARCHVOLS) in the CADisk Files Data Set. A field in the ARCHVOLS record for primary archive tape volume (vvv) indicates a copy tape volume exists, but no corresponding record exists for the copy volume (ccc).

Action:

CADisk has corrected the condition causing the error by clearing the field in error. The primary volume no longer has a copy volume. To create another duplicate copy of the primary volume, use the utility COPY ARCHIVE VOLUME.

2369

MORE THAN ONE ARCHIVE INDEX VOLUME RECORD POINTS TO COPY VOLUME = (ccc). VOLUMES (xxx) AND (yyy) POINT TO THE SAME COPY VOLUME. DELETE THE INVALID POINTER.

Reason:

CADisk has detected an error condition in an archive volume record (ARCHVOLS) in the Files Data Set. ARCHVOLS records for primary archive volumes (xxx) and (yyy) both point to the same tape volume serial as their duplicate copy volume (ccc). This is not valid. One of the primary volume records is in error. The copy volume may apply to only one primary volume. CADisk is unable to determine which one. Determine which primary volume record is valid and correct the one in error by using the CADisk RESET command.

2370

ARCHIVE INDEX COPY VOLUME RECORD HAS NO PRIMARY VOLUME RECORD POINTING TO IT. VOLUME = (vvv); VOLUME DELETED FROM ARCHIVES

Reason:

CADisk index maintenance processing has discovered an error condition in the Files Data Set. An archive volume index record for copy volume (vvv) that exists in the Files Data Set does not have a primary volume record pointing to it. Since no primary volume records point to it, CADisk will never use the volume. CADisk has deleted the volume from the files. This is an informational message. The user need take no action The error has been corrected.

2371

CANNOT PROCESS ARCHIVE INDEX MAINTENANCE REQUESTS, ARCHVOLS SUBFILE OF FILES DATA SET IS IN OVERFLOW BLOCKS. REORGANIZE FILES DATA SET BEFORE RESUBMITTING COMMANDS FOR PROCESSING.

Reason:

CADisk archive index maintenance processing cannot continue when the Files Data Set contains an overflow condition. This condition occurs when the index of the affected subfile is full.

Action:

Reorganize the Files Data Set. This will reorganize the index and provide room for growth. Then rerun the archive index maintenance request.

2372

2374

ABOVE DCB ABEND INTERCEPTED AND PROCESSING CONTINUED TO SUCCESSFUL COMPLETION

Reason:

CADisk intercepted a DCB abend, determined the cause of the problem, and continued. This is an informational message. It indicates an error condition has been detected and processing will continue. See previous error messages to determine the nature of the error. No action is required of the user.

2375

INVALID NUMBER OF SUBPARAMETERS SPECIFIED IN CRITERIA PARAMETER. THE PROPER COMMAND FORMAT IS: CRITERIA=(OPERAND, OPERATOR, OPERAND)

Reason:

The user specified too few or too many subparameters in the CRITERIA parameter. The specification must always contain three arguments. If either of the operands contains an arithmetic operation (+ or -), no embedded spaces are allowed. For example:

```
CRITERIA=(ARCDT+30,LE,TODAY)
```

2376

COMMAND REJECTED DUE TO ERROR(S) FOUND IN CRITERIA PARAMETER

Reason:

The SELECT or EXCLUDE command is invalid due to an error in the specification of the CRITERIA parameter. This message is preceded by the message describing the actual error. Correct the error and resubmit the job.

2377

FIRST CHARACTER IN OPERAND (n) OF CRITERIA PARAMETER CONTAINS A SPACE - OPERANDS CANNOT BE PRECEDED BY SPACES

Reason:

The specified operand (n) begins with a space (or contains only spaces). If the operand contains all spaces, respecify the operand with data. Otherwise, delete the leading spaces and resubmit the job.

2378

OPERAND (n) OF CRITERIA PARAMETER CONTAINS EMBEDDED SPACES(S) - EMBEDDED SPACES ARE NOT ALLOWED

Reason:

The specified operand (n) contains embedded spaces in its specification. Delete the embedded spaces and resubmit the job.

Invalid specification:

```
CRITERIA=(" TODAY + 25",LE,1/12/81 - ARCDT+30)
```

Corrected specification:

```
CRITERIA=(TODAY+25,LE,1/12/81-ARCDT+30)
```

2379

INVALID DATE SPECIFIED (mm/dd/yy) IN OPERAND (n) OF CRITERIA PARAMETER

Reason:

An invalid date (mm/dd/yy) was specified in the (n) operand of the CRITERIA parameter. This error may be caused by an assumption on the user's part that a "/" in the operand denotes a divide instruction. Division and multiplication are not supported in the CRITERIA parameter. If the program encounters a "/" in either the second or third byte of any field in the operand, it assumes the value is a date and will edit accordingly. Correct the date and resubmit the job.

2380

ABSOLUTE VALUE SPECIFIED (vvv) IN OPERAND (n) OF CRITERIA PARAMETER CONTAINS NON-NUMERIC DATA

Reason:

The value specified (vvv) in operand (n) contains non-numeric data. Correct the specification and resubmit the job.

This message can be misleading based on the data entered. The program logic assumes all data entered by the user, which begins with a numeric digit to be an absolute value (unless the second or third byte is a "/", in which case the data is assumed to be a date). If the user was trying to specify a field name but miskeyed the first character as a numeric, this message would be issued, as in the following example:

```
3ARCD – instead of – 3+ARCDT
```

2381

ABSOLUTE VALUE SPECIFIED (vvv) IN OPERAND (n) OF CRITERIA PARAMETER EXCEEDS THE MAXIMUM ALLOWABLE STRING LENGTH OF EIGHT

Reason:

The maximum length of any absolute value is eight. This error is probably a result of an error on the command input. Correct the error and resubmit the job.

2382

INVALID ARITHMETIC SIGN(S) IN OPERAND (n) OF CRITERIA PARAMETER

Reason:

An invalid arithmetic operation was specified in the (n) operand. The only valid operations are addition (+) and subtraction (-).

2383

INVALID OPERATOR SPECIFIED (oo) IN CRITERIA PARAMETER - VALID LOGICAL OPERATORS ARE: LT, LE, EQ, NE, GT, OR GE

Reason:

Operator (oo) is invalid. Correct the operator and resubmit the job.

2384

INVALID FIELD NAME SPECIFIED (fff) IN OPERAND (n) OF CRITERIA PARAMETER

Reason:

The field name (fff) specified in the CRITERIA parameter is not defined to the implicit archive control program.

Note: For a list of valid field names, see the section DSCL Selection Criteria in the *User Guide*.

2386

TAPE EXPIRATION DATE WAS NOT SPECIFIED. CALCULATED DATE OF (yyddd) WAS USED

Reason:

An expiration date was not specified for the archive tape in use. The implicit VSAM support calculates a tape expiration date by examining the RETPD values specified on all of the ARCHIVE and BACKUP commands specified in the job step. If a command is entered without the RETPD parameter, sysparm RETRETPD is used to determine a default value for that command. The highest RETPD value among all the commands is added to the current date to determine the tape's expiration date, which is (yyddd). This message is informational only. No user action is required.

2387

COMMAND ERROR - EXECUTION SUPPRESSED

Reason:

An error was encountered on a preceding input command. See the previously issued message to determine the nature of error. Correct the error and resubmit the job. The job will not execute until the command in error has been corrected.

2388

INVALID DISPOSITION SPECIFIED - MUST BE DELETE, KEEP, RECAT OR NOCAT

Reason:

The DISP= parameter value of the ARCHIVE command was incorrect. Change it to DELETE, KEEP, RECAT or NOCAT and resubmit the job.

2389

RETPD/RETPD2 VALUE CONTAINS NON-NUMERIC DATA

Reason:

The value specified for the archive retention period-contained non-numeric data. Correct the value and resubmit the job.

2390

RETPD VALUE EXCEEDS THE MAXIMUM ALLOWABLE STRING LENGTH OF FIVE

Reason:

A maximum of five digits is allowed for a retention period.

Note: This error can be encountered if you attempt to specify the retention period as a Gregorian date.

Action:

Correct the error and resubmit the job.

Note: For proper use of the RETPD command, see RETPD= in the *User Guide*.

2391

AUTO VALUE CONTAINS NON-NUMERIC DATA

Reason:

The value specified for the AUTO parameter in the backup command contained non-numeric data. Correct the value and resubmit the job.

2393

AT LEAST ONE SCAN OR FIND COMMAND MUST BE SPECIFIED PRIOR TO EACH ACTION COMMAND

Reason:

A DSCL action command (REPORT, BACKUP, ARCHIVE, DELETE, VBACKUP, RELEASE, COPY, MOVE or BILLING) was specified prior to a SCAN or FIND command. Add a SCAN or FIND command and resubmit the job.

2394

MAXIMUM NUMBER OF PASSWORDS (20) HAS BEEN EXCEEDED; JOB RUN CANCELED

Reason:

The maximum number of passwords, which can be supplied, is 20 (due to a restriction in an internal table). If a larger table size is required (Zap available for ADSST001 to increase table size dynamically), contact CA Technical Support for assistance.

2395

INVALID MODE SPECIFIED ON SET COMMAND: MUST BE LIVE OR SIMULATE

Reason:

Correct the mode and resubmit the job.

2396

TABLE NAME SPECIFIED DOES NOT EXIST IN TABLES DATA SET OR DOES NOT CONTAIN ANY VALID DATA

Reason:

The value specified in the TABLE= parameter was not found in either PARMLIB or the alternate data set pointed to by the TABLESDD JCL statement. Either one or more of the following may exist:

1. The value in TABLE= is misspelled
2. The data set associated with the TABLESDD JCL statement does not exist
3. The table itself contains invalid data, may be empty, or contains only comments

Action:

Take the appropriate action to correct the situation and resubmit the job.

2397

NO SCAN COMMAND WAS SPECIFIED - JOB RUN TERMINATED

Reason:

A SCAN command must be specified for all implicit VSAM job runs. This command is used to supply the catalog name or names to be scanned during the job run.

Note: For a detailed explanation of the SCAN command, see the section SCAN Commands in the *User Guide*.

2398

NO ACTION WAS SPECIFIED FOR SCAN OF CATALOG (xxx); SCAN OF CATALOG HAS BEEN BYPASSED

Reason:

A SCAN of catalog (xxx) was specified, but no associated action (DELETE, BACKUP or ARCHIVE) was specified. Add the appropriate action command and rerun the job.

Messages 2400-2499

2400

ANY OF THE MESSAGES LISTED BELOW, FOLLOWED BY DATA SET NAME = (ddd)

2400

ERROR - REJECTED BY INSTALLATION EXIT

Reason:

One of the exits installed by your in-house CADisk support personnel has rejected your request. Contact them for an explanation. Exits that may be involved: DARCHIEX, DRESTOEX, or ARCHIVEX.

2400

DRESTORE REQUEST HAS BEEN REJECTEDDATA SET NAME = (ddd) REASON IS — REJECTED BY INSTALLATION EXIT

Reason:

Your local TSORESEX exit has rejected your request. Contact your in-house support personnel for an explanation

2400

ERROR - REQUEST FOR DATA SET NAME WAS REJECTED BY INSTALLATION EXIT

Reason:

Your local LISTDMEX, LISTREEX, or DERASEEX exit has rejected your request. For assistance, contact CA Technical Support.

2400

ERROR - ARCHIVE INDEX RECORD FOR DATA SET DOES NOT EXIST or ERROR - NO ARCHIVE INDEX RECORD EXISTS WITH THE SPECIFIED TIME AND DATE (ttttdddd)

Reason:

CADisk needed to retrieve archive information for a data set but the index record for the data set does not exist. Verify that the data set name (and time and date information) is correct. Also verify that the CADisk Files Data Set in use when this message was issued is the one containing the record you have specified

2400

ERROR - REQUEST TO RESTORE THIS DATA SET ALREADY EXISTS

Reason:

Since CADisk already has a request in the queue for the specified data set, this duplicate request has been rejected or ignored.

2400

ERROR - USER IS NOT AUTHORIZED TO RESTORE DATA SET or ERROR - USER IS NOT AUTHORIZED TO RENAME DATA SET

Reason:

The installation's security system indicated that the user is not authorized to restore (or rename) the data set.

2400

ERROR - COMMAND REJECTED, CORRECT AND RE-ENTER

Reason:

The command entered was in error. Check the parameters and syntax rules, and then reenter your request.

2401

DRESTORE REQUEST HAS BEEN SUCCESSFULLY QUEUED DATA SET NAME = (ddd) DATA SET IS TO BE RESTORED AS - (nnn) DATA SET TO BE RESTORED WAS ARCHIVED ON (aaa) AND IS ON VOLSER(S) (vvv) or VOLSER LIST NOT AVAILABLE

Reason:

The deferred request to restore data set (ddd) as data set (nnn) has been placed in the CADisk deferred restore request queue. This data set was archived on the date (aaa). It was archived on volsers (vvv). No further action is needed.

2402

NO RESTORE REQUESTS QUEUED FROM THIS COMMAND

Reason:

Errors have been encountered while processing the deferred request command. As a result, no requests have been placed on the deferred requests queue. See previous messages for an explanation of the errors causing the problem. Correct the errors and resubmit the command.

2403

DATA SETS REQUIRED TO PROCESS DRESTORE COMMAND CANNOT BE ALLOCATED, COMMAND REJECTED

Reason:

Allocation errors encountered have caused the command to be rejected. Allocation has failed for one of the following ddnames or file names: MSGPRINT, FILES, and TABLES. See previous error messages for more details concerning the allocation error.

2405

REQUEST TO RESTORE DATA SET NAME=(ddd) HAS BEEN REJECTED.

Reason:

The restore request for data set (ddd) was bypassed for processing due to the explanation provided in previous messages.

2406

PDS DIRECTORY CONTAINS INVALID TTR ADDRESS POINTER TO MEMBER DATA (POINT FAILED) TTR IN ERROR IS (ttr), POINT RETURN CODE IS (rc) DELETE THE MEMBER AND REPROCESS THE DATA SET

Reason:

CADisk has found an invalid TTR pointer in the PDS being processed. Processing for the PDS has abended. (ttr) is the TTR pointer found in the directory entry for the member.

Action:

Use IBM utility IEHLIST to obtain a list of the members in the PDS and their respective TTR addresses. Find the member with a TTR pointer equal to the one in error, and delete that member. Then reprocess the data set with CADisk.

CADisk EXCP point processing has returned an error code of (rc). See EXCP Access Method Return Codes in the appendix "Common Return Codes."

2407

UNAUTHORIZED TO OVERRIDE SYSTEM PARAMETER xxxxxxxx VIA THE SYSPARMS DD INPUT STREAM

Reason:

CADisk or the security package of your system rejected your run-time override of sysparm (xxxxxxxx) because the sysparm cannot be overridden. The job is terminated. If the security package causes the rejection, it does so through the System Authorization Facility (SAF) MVS router and usually issues other messages in the JES log or just prior to this message.

Action:

See your security administrator or your CADisk administrator to request access to this resource, or remove the offending sysparm override from your task.

2408

DMS ONLY SUPPORTS UP TO 100 EXCLUSION/INCLUSION TABLES FOR ONE EXECUTION - LIMIT OF 100 REACHED, ABEND 200

Reason:

CADisk processing is limited to processing not more than 100 exclusion or inclusion tables during any one execution. The user has caused CADisk to reference more than 100 tables in the PARMLIB data set. The tables consist of data set name volume inclusion or exclusion tables. Split up the commands processed into different CADisk steps.

Action:

Reduce TABLE= parameter to 100 or split up the commands processed into different CADisk steps.

2409

NO ARCHIVE VOLUME RECORD FOUND FOR KEY = (vvv), VOLUME CANNOT BE PROCESSED

Reason:

CADisk needs to process archive data set records on KEY = (vvv). No archive volume record exists for it. CADisk has bypassed the volume.

2409

ARCHIVE VOLUME DISABLED, NO COPY VOLUME FOUND, KEY = (vvv), VOLUME CANNOT BE PROCESSED

Reason:

CADisk needs to process archive data set records on KEY = (vvv). The primary archive volume has been marked disabled, and no copy volumes exist. CADisk has bypassed the volume. Enable the archive volume.

2409

ARCHIVE VOLUME DISABLED, NO ARCHIVE VOLUME RECORD FOUND FOR COPY VOLUME, PRIMARY KEY = (vvv), COPY KEY = (ccc), VOLUME CANNOT BE PROCESSED

Reason:

CADisk needs to process archive data set records on PRIMARY KEY = (vvv). The primary archive volume has been marked disabled and the archive volume record is missing for the COPY KEY = (ccc). CADisk has bypassed the volume.

Action:

Either enable the archive volume or do a CADisk purge and then a rebuild on the archive volume to place proper records back in the CADisk volume and data set indexes.

2411

NO VALID MERGE COMMANDS ENTERED (NOTE - ONLY ONE MERGE COMMAND ALLOWED PER EXECUTION)

Reason:

One or more errors have been encountered on the MERGE input command. It has been rejected and processing has terminated. MERGE does not process more than one command per execution, so if more commands have been entered, they have been ignored. Correct the errors relating to the MERGE command and resubmit them for processing.

2412

NO (subfile) RECORDS PRESENT FOR (function) SELECTION, NO DATA SETS (functioned)

Reason:

No records in (subfile) were unloaded and passed to the (function) step of the (function) JCL procedure. The archive data set index is empty and there are no data sets to (function). This is a warning message. The (function) may be either MERGE or XCOPY. The (subfile) may be either DSNINDEX or ARCHVOLS.

2413

MERGE/XCOPY VOLUME LIMIT OF (nnn) EXCEEDED, ONE OR MORE VOLUMES WILL NOT BE PROCESSED

Reason:

The MAXVOLS command parameter of the MERGE/XCOPY command specifies the maximum number of input tape volumes to be processed by MERGE/XCOPY. The specified or default value of this parameter will be exceeded. This is a warning message to indicate that not all volumes will be merged or xcopied. Multi volume archvols are a single data set, and count as one input volume.

Action:

Additional MERGE/XCOPY executions are required to complete the MERGE/XCOPY process.

2414

ERRORS DURING MERGE PROCESSING PREVENTED ARCHIVE VOLUME = (vvv) FROM BEING DELETED. USE THE IXMAINT OR IXUPDATE UTILITY TO MANUALLY RELEASE THE VOLUME.

Reason:

This is an informational message.

2415

DUE TO PRECEDING ERROR, REMAINING ARCHIVE DATA SETS ON ARCHIVE VOLUME (vvv) HAVE BEEN BYPASSED

Reason:

See previous error message for the reason why CADisk cannot process archive volume (vvv). Because of this reason, all remaining data sets that reside on this volume will not be processed.

2416

TAPEPULL COMMAND PARAMETER MUST HAVE A VALUE OF EITHER USE OR GENERATE, COMMAND REJECTED

Reason:

The user has entered an invalid value for the TAPEPULL parameter of the merge command.

Note: For an explanation of the TAPEPULL parameter and its valid values, see the section TAPEPULL Processing in the *User Guide*.

2419

MERGE TABLE OF NEWLY CREATED VOLUMES HAS BEEN EXCEEDED, CONTACT CA TECHNICAL SUPPORT

Reason:

This is an internal CADisk processing error, contact CA Technical Support for assistance.

Before contacting CA Technical Support, have the following information available:

- JCL listing for run that failed.
- CADisk command statements entered.
- CADisk generated output.
- Supply a SYSUDUMP DD statement and, if a dump is created, have it available.

2420

UNEXPECTED END OF FILE, OR NO CONTROL RECORD FOUND FOR DSN=(dddddd) ON VOL=SER=(vvvvvv) BYPASSING DATASET.

Reason:

Merge processing was reading to the end of a data set being copied to an output volume, and the end of file was reached on the tape data set. A record-indicating end of data set follows every user data set archived to tape. This record was not found. The tape is in error.

Action:

When message 2420 is issued, use the archive copy volume to recover the data set from the archives.

2421

(xxx) LIMIT PARAMETER VALUE IS LESS THAN VALUE CALCULATED FOR PRIOR LIMITS PARM, PROCESSING TERMINATED

2421

(xxx) LIMIT PARAMETER VALUE IS NOT GREATER THAN VALUE CALCULATED FOR PRIOR LIMITS PARM, PROCESSING TERMINATED

2421

PRIOR LIMIT = (yy.ddd), (xxx) VALUE IS (yy.ddd)

Reason:

The LIMITS command parameter is specified in error. The values specified must be in ascending sequence by date, regardless of format type used (Julian or RETPD). Specify the dates in the proper sequence.

2422

DISTRIBUTION OF DATA SETS ON MERGE OUTPUT TAPES

Reason:

This is a group of messages to aid the user in determining how MERGE will distribute data sets across output tapes. It shows each MERGE LIMITS value specified (nnnn), the output tape DDNAME to which it refers, and the highest expiration date of any data set that will be moved to the tape.

2423

HIGHEST EXPIRATION DATE FOUND ON ANY DATA SET TO BE MERGED IS (yyyy.ddd)

Reason:

This informational message displays (in Julian format) the highest expiration date found on any data set to be merged to another archive volume. If you assign expiration dates to the archive volumes by overriding the CADisk default values, the value you assign should ensure that the volumes will be kept until the date displayed in this message. If not, you risk data loss by expiring the volumes before the data contained on them has expired.

2424

2424—CRITERIA FOR SELECTING MERGE VOLUMES AS A PERCENTAGE OF UTILIZATION:

2424—DISK ARCHIVE VOLUMES USING LESS THAN nn% OF THE ALLOCATED SPACE.

2424—1600BPI TAPE ARCHIVE VOLUMES USING LESS THAN nn% OF #len TAPEFEET = (bbbb-FEET, ccccKB)

2424—6250BPI TAPE ARCHIVE VOLUMES USING LESS THAN nn% OF #len TAPEFEET = (bbbb-FEET, ccccKB)

2424—CART ARCHIVE VOLUMES USING LESS THAN nn% OF #len CARTFEET = (bbbb-FEET, ccccKB)

2424—ONLY PRIMARYn SELECTED

2424—ONLY VBACKUP VOLUMES SELECTED

Reason:

This group of messages informs you of the parameters being used during MERGE processing.

Value nn is the value that is specified in the MERGE PERCENT command parameter. Volumes using less than this percentage of space are processed by MERGE. All others are ignored.

The value #len is taken from sysparm TAPEFEET or CARTFEET depending on device type.You use it to determine the percentage of a volume that is full.

Value (bbbb) is based on the values that are shown for #len and nn. Value (bbbb) indicates the number of used tape feet that determine if it is to be merged. Value cccc is number of kilobytes.

If Y is specified for CARTCALC, the used cartridge percent is based on the actual size.

PRIMARYn shows which type, PRIMARY1 or PRIMARY2 type Archvols were selected.

If only the VBACKUP VOLUMES SELECTED message is present, only VBACKUPs Archvols are selected for merging.

2425

INVALID DATA BLOCK ENCOUNTERED WHILE READING FILE= (fff) END OF FILE SIMULATED - FILES DATA SET MAY NEED TO BE RECOVERED

Reason:

CADisk encountered an invalid physical block while reading the Files Data Set. The block does not have a format valid for the Files Data Set. CADisk assumed an end-of-file condition for the file being processed. All records up to the point of the error were processed.

Action:

Verify all records in the Files Data Set are present and correct. If errors are suspected, recover the Files Data Set with available backup copies and the use of existing archive tape volumes.

2426

THE (xxx) PARAMETER IS OBSOLETE AND NEED NOT BE CODED

Reason:

The user has coded the parameter (xxx) on the command entered. This parameter was valid for earlier releases of CADisk, but is no longer used. It has been ignored. Processing has continued as if it had not been coded. Remove the parameter from the command statement to get rid of this distracting message. It will bug you until you do.

2427

COMMAND REJECTED - DATE PARAMETER IS INVALID

Reason:

The DATE command parameter specified on the command entered is in error. It either contains an invalid date or the format is incorrect.

Action:

Correct the DATE command parameter.

Note: For the correct format of the DATE command parameter, see section Date Formats in the CADisk *User Guide.*

2429

ARCHIVE BEING SKIPPED FOR DSN=(ddd), VOL=(vvv)

Reason:

Dispose processing of deferred archives cannot find volume (vvv) that was to contain data set (ddd) to be processed. The request was skipped on the assumption that the volume may be on another CPU or offline. Run the job on the correct CPU, mount the volume, or use the DERASE TSO command to delete the request.

2430

ABEND = (sss)/(uuu) INTERCEPTED ON DSN (ddd), VOL (vvv)

Reason:

A system abend of (sss) or a user abend of (uuu) has occurred while processing data set (ddd) on volume (vvv). CADisk has recovered from the abend condition and continued processing.

2432

DISP=SHR BEING USED FOR DYNAMIC ALLOCATE

Reason:

A CADisk module did not specify the disposition needed. A value of SHARED access is assumed.

2433

AN SVC 99 ERROR HAS OCCURRED IN— DYNAMIC ALLOCATION— DSNAME=ddd— VOLUME=vvvvvv— UNIT=uuuu— NOT ENOUGH FREE SPACE ON THE VOLUME

Reason:

SVC 99 is the MVS SVC used to dynamically allocate either data sets or volumes to an executing job task. The CADisk request for this service has failed. CADisk interprets many of the common error and information codes and prints a meaningful description of the error. However, the less common codes must be found in the IBM guides *System Programming Library: Application Development Guide*, *Job Management Guide*, or the *System Macros Facilities Guide* before corrective action is taken.

Action:

If the error code returned in the message is 1708 and the CADisk function being executed is implicit VSAM, review your input commands. If more than one archive or delete command is specified for a given catalog, the cluster may have been archived or deleted by a previous command. This can be verified by the archive report. If the data set shows up more than once in the report, and one of the entries has no asterisk by the data set name, then the data set was scratched by the first command. The second archive attempt results in the allocation error because the data set no longer exists on DASD. In this case, the message can be ignored.

Similarly, during MERGE or IXMAINT, if the error code is 0 and info code is 0038, CADisk is attempting to scratch a data set that no longer exists on DASD. This situation can occur only in rare instances and should be assumed to be all right and the message ignored. Possibility of an instance can be when a data set is cataloged to two volumes but only exists on one. When CADisk attempts to scratch the second segment, this error condition is detected. More information can be found in the IBM *System Messages Guide*, message IEF285I, if wanted.

2434

NUMBER OF TRACKS NEEDED FOR ALLOCATION EXCEEDS VOLUME CAPACITY

DSN=ddd TRACKS NEEDED= xxx

Reason:

CADisk needed (xxx) tracks to be allocated to data set (ddd), which is more tracks than exist on the entire volume to which it is being allocated. Since CADisk does not support multivolume allocation, the allocate request has been denied. Direct the data set to a volume with a sufficient number of tracks.

2435

NOCATALOG AND RECATALOG ARE MUTUALLY EXCLUSIVE - CORRECT THE COMMAND AND RESUBMIT

Reason:

Parameters NOCATALOG and RECATALOG have both been entered with the command, which is not allowed. Decide which of the two (or neither) is wanted, correct the input command, and resubmit the request.

2436

DSN=(ddd) RECATALOGED FROM VOL=(vvv) TO VOL=(www)

Reason:

Data set (ddd) has been restored to volume (www), but it was already cataloged to volume (vvv). Since the force-recatalog parameter was specified on either the RESTORE or RECOVER command, this warning message is issued indicating that CADisk will attempt to recatalog it to the new volume. If the attempt to recatalog the data set fails, an additional message describing the error will also be issued.

2437

INSTALLATION EXIT (mmm) IS BEING USED FOR SPACE CONVERSION

Reason:

This warning message is issued to indicate user exit (mmm) is computing the space to allocate when moving or restoring a non-VSAM data set. CADisk-computed allocations may be modified by this exit.

2438

DSN=(ddd) ON VOL=(vvv) HAS BEEN MODIFIED BY ANOTHER TASK

Reason:

Data set (ddd) selected for Idle Space Release has been modified between the time it was selected and the attempt made to release the space. No space will be released.

2439

DSN=(ddd) ON VOL=(vvv) WAS DELETED BY ANOTHER TASK

Reason:

Data set (ddd) was deleted after the volume was scanned and a selection test applied for Idle Space Release, but before the release was actually attempted. Since the data set no longer exists, processing is bypassed.

2440

**** WARNING ** TRACK OVERFLOW ATTRIBUTE IS BEING DROPPED, PER INSTALLATION OPTION, FOR DSN (ddd)**

Reason:

Data set (ddd) was making use of the track overflow feature, which allows the block size to exceed the physical track size of the device. Certain devices, such as the 3375 and 3380, do not support this attribute. While attempting to copy the data set to such a device, CADisk determined that the track size of the new device was sufficient to hold the data set without using the track overflow feature. By default, the Move/Copy function does not modify the record format to drop this attribute, but sysparm TRKOVCHGY has been specified to allow it.

2441

A CATALOG LOOP HAS BEEN DETECTED IN CATALOG (ccc). THE LAST ENTRY PROCESSED PRIOR TO THE LOOP WAS FOR DSN (ddd). THE CATALOG SCAN HAS BEEN TERMINATED

Reason:

Catalog (ccc) was being scanned in ascending key sequence, but a descending key was returned. This can result in either an endless loop or other more unpredictable results. CADisk processing for the catalog has been terminated.

Action:

Data set (ddd) was the last entry processed prior to the out-of-sequence entry. If possible, repair or recover the damaged catalog and resubmit the terminated CADisk request.

2443

Messages numbered 2443 point to an error or contain information about the parameter library.

Reason:

These messages are syntax errors. Consult the SYNTAX rules for the parameter library.

2443

IMAGE OF POOLDEFS ENTRY IN ERROR: NO DSN OR PATTERN PRESENT NO BLANK FOLLOWING POOL NAME POOL NAME CONTAINS BLANKS ENTRY IS BLANK LENGTH NOT LONG ENOUGH FOR POOL NAME AND DSN

2443

POOL NAME IS AN INVALID POOL NAME

2443

IMAGE OF PARAMETER LIBRARY ENTRY IN ERROR:NO CONTINUATION FOR CONTINUATION CARD NO ENDING POINT FOR ENTRY INVALID - ONLY QUOTES IN ENTRY NO SPACE FOLLOWING DELIMITER NON-PAIRED QUOTE IN ENTRY IMAGE OF NAMEREFS ENTRY IN ERROR: VALIDATION ERROR IN ENTRY

2443

NO POOLDEFS ENTRY IN PARMLIB FOR DSN=(ddd)

Reason:

These messages indicate the member in the parameter library cannot be processed.

2443

CRITICAL ERROR RETURNED FROM UT035I/O ERROR READING NAMEREFS IMAGE OF PARAMETER LIBRARY ENTRY IN ERROR: READ ERROR WHEN READING A CONTINUATION CARD

Reason:

These messages are informational only.

2443

NOW VALIDATING MEMBER (mmm)

2443

INVALID ENTRIES PRESENT IN POOLDEFS

2443

VALIDATE ERRORS IN NAMEREFS

2443

ENTRY INTO ADSTH019 AFTER PREVIOUS ERROR

Reason:

This message indicates an internal CADisk error.

Action:

Contact CA Technical Support for assistance.

2443

PROCESSING WITH FIRST 300 VOLUMES IN DISKPOOL *pppppppp*

Reason:

This message indicates that the maximum number of volumes in DISKPOOL *pppppppp* has been reached. Processing continues using the first 300 volumes.

2445

VOL (vvv) ALREADY IN POOL (ppp) or VOL (vvv) NOT ADDED TO POOL (ppp), IT BELONGS TO ANOTHER POOL

Reason:

CADisk attempted to insert tape volume (vvv) into pool (ppp), but the attempt failed. Either the volume was already in the pool (first message), or it was found to belong to a different pool. The same tape volume cannot be placed in more than one pool.

Action:

Use the tape pool management facilities to review the status of both the specific tape and the pools in question. Make any updates that may be needed. Messages numbered 2447 indicate an error in tape pool support.

2447

POOLNAME NOT DEFINED FOR DSN=(ddd)

Reason:

Data set (ddd) used in the JCL has no defined tape pool name.

2447

MEMBER = POOLDEFS IN PARMLIB HAS INVALID ENTRIES

Reason:

A tape pool name has been requested but the member POOLDEFS has invalid entries. See other messages to correct errors.

2448

VOL (vvv) WAS JUST USED FOR POOL (ppp), BUT IT ALSO APPEARS IN POOL (qqq): VERIFY AND CORRECT TAPEPOOL ENTRIES AS NEEDED

Reason:

This is a potentially serious condition that should be resolved as soon as possible.

Action:

Use the tape pool management facilities to verify and correct the status of the tape (This condition should not occur in Release 7.6 and later releases). Contact CA Technical Support for assistance.

Note: Messages numbered 2449 indicate an error in tape pool support.

2449

THERE ARE NO MORE SCRATCH TAPES IN POOL (ppp)

Reason:

Pool (ppp) has no scratch tapes and one was requested.

2449

FILES ERROR GETTING SCRATCH TAPE FROM POOL (ppp)

Reason:

An I/O error has been detected in the Files Data Set.

2449

TAPEPOOL SUPPORT IS NOT ACTIVE

Reason:

A tape pool has been requested but the tape pool sysparm is turned off.

2450

SPACE NOT RELEASED FROM DATA SET NAME=(ddd) DATA SET APPEARS TO BE MODEL DSCB

Reason:

Space was not released from data set (ddd), because it looked like a model DSCB to CADisk. CADisk determines this by looking at the DS1EXT1 field of the format-1 DSCB of the data set. If it is zero, there are no extents for the data set and therefore no space to release.

2452

TAPE VOLUME SERIAL NUMBER IS NOT VALID, IT CONTAINS MORE THAN 6 CHARACTERS INPUT RECORD IS = (xxxx)

Reason:

This message is inserted by the utility that copies archive tape volumes. It uses a non-standard command format. The command simply contains a tape volume serial starting in any column and having a length of 1 to 5 characters. The card image read (xxxx) contains a volume serial with more than 6 characters. Correct the volume serial and resubmit the copy request.

2453

ERROR CREATING COPY VOLUME FOR INPUT VOLUME (vvv), SEE PREVIOUS MESSAGES FOR EXPLANATION

Reason:

The utility to copy archive tape volumes has encountered an error during processing of volume (vvv). The error is explained in a previous message. Correct the error and resubmit the request.

2454

ERROR RESETTING CHANGE BIT IN VTOC ENTRY FOR DATA SET, REASON CODE = (n), VOL = (vvv), DSN = (ddd)

Reason:

CADisk was unable to turn the change bit off for data set (ddd) on volume (vvv) after backing it up to the archives. The reason code is (n). Common reason codes are:

- 3—Between the times CADisk started the BACKUP operation against the data set and the BACKUP was complete, the data set was updated by another task. This is determined by comparing a copy of the format-1 DSCB that was originally taken from the VTOC to a copy of it taken from the VTOC just before the update was to be done. The change bit remains on. The backup was taken successfully and is usable for restore.
- 8—Abnormal condition has occurred during processing to update the VTOC entry for the data set. Previous error messages have been issued to indicate the cause of the failure.

2455

INVALID SYSPARM (xxxxxxxx) IN SYSPARMS MEMBER OR ON SYSPARMS DD (xxxxxxxx)

2455

SYSPARM IS NO LONGER VALID. REMOVE THE INVALID SYSPARM (*xxxxxxxx*)

Reason:

The sysparm parameter *xxxxxxxx* has been specified as an override either in the sysparms member of PARMLIB or through the sysparms DD card. The parameter was not previously defined in the PARMEDIT member of PARMLIB or the sysparm is no longer valid. The job is terminated.

Action:

Correct or remove the invalid sysparm and resubmit the job.

Note: For a complete list of sysparms, see the *Systems Guide*.

2456

UPDATE OF VTOC ENTRY FAILED, VOLUME = (vvv), DSN = (ddd), REASON IS - (rrr)

Reason:

CADisk is attempting to update the format-1 DSCB for data set (ddd) on volume (vvv). This attempt failed due to one of the following reasons (rrr):

- ALLOCATE FOR VOLUME FAILED
- DATA SET NAME NOT FOUND ON VOLUME
- EXCP READ I/O ERROR
- EXCP WRITE I/O ERROR
- FIELD NAME NOT DEFINED
- OPEN OF VTOC FAILED
- OPEN OF VTOC FAILED WITH ABOVE ABEND CODE

2457

RESTORE DOES NOT SUPPORT RESTORING SYSCTLG DATA SET TO DIFFERENT DEVICE TYPE. DSNAME SYSCTLG WAS ORIGINALLY ARCHIVED FROM DEVICE TYPE (ttt). ALLOCATE ATTEMPTED TO VOLUME (vvv).

Reason:

CADisk rejected a request to restore a SYSCTLG data set to volume (vvv). Current Restore processing requires that a SYSCTLG data set be restored to the same device type from which it was archived. Retry the RESTORE using a volume with the same device type.

2459

NOTE — DMS USERSENQ USER EXIT IS ACTIVE

Reason:

CADisk has determined that the USERSENQ user exit is in effect. This user exit allows changes to be in the enqueue that CADisk uses when processing data sets. When you see the message, the value of DMSAR is automatically assigned the value of dmsnoenq, regardless of whether or not you coded such an exit.

Action:

If a question arises about the validity of enqueue Action's, the first step in determining the problem should be to bypass this user exit to determine if the exit is causing the problem.

Note: For more information regarding this exit, see the description of sysparm USERVENQmmmmmmmm in the *Systems Guide*.

2460

ARCHVOLS RECORD = (rrr) TO BE DELETED. NO ARCHIVE DSNINDEX RECORDS EXIST FOR IT.

Reason:

CADisk has found that any DSNINDEX records from the DSNINDEX subfile archvols record (rrr) in the ARCHVOLS subfile of the Files references the Data Set. It is not a valid record and is deleted from the ARCHVOLS subfile of the Files Data Set during normal IXMAINT command processing. It has no relationship to the volumes specified on the commands that initiated processing.

Action:

To prevent these records from being deleted, specify sysparm IXMCLEAN with a value of N.

2461

DMS CANNOT OBTAIN VTOC ENTRY FOR DATA SET — OBTAIN ERROR = (eee)VOLUME = (vvv), DATA SET NAME = (ddd) rrrrrrrr

Reason:

CADisk issued the OBTAIN macro to get the VTOC entry for data set (ddd) on volume (vvv). System OBTAIN processing returned an error return code. The explanation of the error code (eee) is given by (rrrrrrrr). If further explanation is needed, see Obtain Return Codes for OBTAIN error codes.

2462

— ORIGINAL DATA SET ATTRIBUTES: DCB=(ddd), SPACE=(sss)

Reason:

This message is issued from the PDS Compress function. It indicates the attributes of the PDS prior to compression. This information is provided so that it may be used in the event the RELOAD function of PDS compress needs to be used to recover a PDS. When RELOAD is executed, the PDS must be manually preallocated with the proper DCB and SPACE attributes. The (ddd) and (sss) fields of this message contain this information.

The SPACE information indicates the space used by the PDS prior to compression. It is sufficient for reload processing. It does not necessarily reflect the space CADisk would have allocated for the data set had its compression properly completed.

2463

VOLUME (vvv) BYPASSED, IT CANNOT BE ALLOCATED TO THIS TASK

Reason:

CADisk cannot allocate the volume (vvv) for processing. A preceding message may indicate the exact cause of the allocation failure. An example will be that the volume cannot be processed because installation security routines have indicated that the user is not authorized to process it.

2464

ERROR ALLOCATING VOLUME REQUIRED FOR PROCESSING: VOLUME = (vvv), DATA SET NAME = (ddd)

Reason:

CADisk has determined through the system catalog or by input VOLUME parameter data that volume (vvv) is needed to process data set (ddd). When CADisk attempted to locate the volume on the system it was running on, an error occurred. The exact nature of the error is indicated in previous error messages.

This message usually occurs when a data set is cataloged to a volume that no longer exists or to an invalid volume name, or when the volume name supplied on the VOLUME parameter of the CADisk command is not online to the system when CADisk is running.

Action:

Verify the volume name is correct in the catalog or on the CADisk command parameter. Correct the error and reprocess the command.

2465

VOLUME ALLOCATE ERROR, VOLUME=(vvv) CANNOT BE ALLOCATED TO THIS TASK

Reason:

CADisk cannot allocate the volume (vvv) for processing. A preceding message may indicate the exact cause of the allocation failure. Following are descriptions of some of the types of errors that cause this message to be issued.

2465

SECURITY VIOLATION

Reason:

The volume cannot be processed because installation security routines have indicated that the user is not authorized to process it. See prior messages for more information about the error.

2465

MISSING DMS DD STATEMENTS

Reason:

CADisk requires either (An) or (Dn) type DD statements in the JCL to allow it to allocate volumes. Either there are not a sufficient number of DD statements or they are improperly specified.

In the non-MVS and non-CADisk-SVC environment, //Dn type DD statements must be provided for each volume to be processed. If a //Dn type DD statement is present, the combined limit of 20 //Dn and //An statements per step has been exceeded. Either supply the correct DD statement or break the job into two or more steps to reduce the number of DD statements to 20 or fewer.

2467

YOU DO NOT HAVE (vvv) AUTHORITY TO DMS (rrr)

Reason:

A CADisk security violation has occurred. The user of CADisk has attempted to access (vvv), a CADisk resource named (rrr). The CADisk resource name is either a CADisk table name, a subfile of the CADisk Files Data Set, or a CADisk command.

Action:

See JCL listing for additional messages concerning the security violation.

Note: To determine how these resources are protected from within CADisk, see the section SET Command Syntax in the *Installation Guide*.

2468

MAXIMUM OF (nnn) An DD STATEMENTS ARE ALLOWED, MORE THAN THAT NUMBER HAS BEEN SUPPLIED, ABEND 100

Reason:

CADisk requires that the execution JCL include at least two and no more than (nnn) //An type DD statements (that is, "//A1 DD DUMMY,DISP=SHR"). More than the allowed number has been supplied. Remove the number of DD statements necessary to be within the limits specified.

2469

NO (mmm) MEMBER EXISTS IN THE PARMLIB DATA SET, ABEND 100

Reason:

Member name (mmm) is not present in PARMLIB. Files initialization routines use the user-defined file define table to indicate how to format the Files Data Set. This list does not exist in the CADisk PARMLIB data set.

Note: For information on initializing the Files Data Set, see the section Step 1. Identify Files, Parmlib, and Activation Codes System Parameter Definitions in the *Installation Guide*.

2470

MAXIMUM OF 10 DATA SET NAMES ALLOWED, COMMAND REJECTED

Reason:

The user has entered more than 10 data set names on the TSO command. The command can only accept 10 data set names. Reduce the number of data set names specified and reenter the command.

2471

GDGDASDGEN TABLE ENTRY IS NOT NUMERIC; ABEND 200 DSNAME=(ddd), COUNT=(nnn)

Reason:

An error has been found in an entry of the CADisk GDGDASDG member of the PARMLIB data set. This table is used by CADisk when the GENER= command parameter is specified in a command for the sequential migrate function of CADisk. The table indicates the number of generations of a data set CADisk is to retain on DASD. The first four characters of each table entry is the number of generations. This message indicates that the first four characters of the entry are not numeric. Correct the entry and rerun the function.

2472

THE DMS TABLE (ttt) DOES NOT EXIST IN THE PARMLIB DATA SET AND IS REQUIRED FOR PROCESSING

Reason:

CADisk attempted to load the table named (ttt) from the CADisk PARMLIB data set, and found that the table does not exist in the data set. Since it is required for processing, CADisk invoked a user 100 abend. Add the table to the PARMLIB data set and rerun the CADisk step.

2475

DATA SET NAME = (ddd) NOT UNCATALOGED FROM VOL = (vvv) REG 15 RETURN CODE = (rc)

Reason:

An attempt was made to uncatalog data set (ddd) which is currently cataloged to pseudovolume (vvv). The return code returned in register 15 indicates why it cannot be uncataloged. See the section System Programming Library in the IBM *Data Management Guide* for the meaning of these return codes. If, after checking out the reason for the failure, you still need to uncatalog the data set, it will have to be done manually.

2482

UNABLE TO CHANGE DS1LSTAR IN DSN (ddd) ON VOL (vvv)

Reason:

An attempt to release part of the idle space in data set (ddd) on volume (vvv) has failed. The last-block pointer cannot be changed. The condition code is set to 12. CADisk will continue with the next entry.

2483

CRITICAL ERROR - DS1LSTAR FOR DSN=(ddd) ON VOL=(vvv) NOT RESET TO DS1LSTAR=

Reason:

After releasing part of the idle space in data set (ddd) on volume (vvv), CADisk attempted to reset the last-block pointer in the data set, but has failed. CADisk will continue with the next command and will set the condition code to 4.

2484

NO MATCHING DEFERRED REQUEST FOUND

Reason:

LISTREQ function did not find any matching ARCHCMDS or RESTCMDS to process. CADisk will set the condition code to 0004.

2485

ATTEMPT TO RETRIEVE FREE SPACE EXTENTS FAILED FOR VOL=(vvv), RC=(rc), CVSTAT=(cvstat)

Reason:

The CVAFDSM macro was issued to get the free space extents on an indexed VTOC for volume (vvv), but this request failed. CADisk will continue with the next entry.

- RC=8 - Invalid VTOC index structure.
- RC=12 - The CVAF parameter list is not in your protect key or is invalid.
- RC=16 - An I/O error was encountered.
- CVSTAT - See *Data Facility/Device Support User Guide and Reference*, Appendix A.

2486

LOCATE FAILED FOR VSAM DATA SET CLUSTER NAME (ddd).

Reason:

Locate for VSAM cluster (ddd) has failed. Logic error in CADisk processing.

2492

BUFFERSPACE HAS CHANGED FROM (nnn) TO (ooo) FOR DSN=(ddd), VOL=(vvv)

Reason:

While restoring VSAM data set (ddd) to volume (vvv), CADisk detected a change in the bufferspace allocation between the value found on the CADisk archive tape (nnn) and the new value specified in the VSAM DEFINE (ooo). This can be caused by two conditions:

- Sysparm VSATTRIB was set on, causing CADisk to allow Access Method Services to calculate the bufferspace. The newly calculated value differed from the original. This may be because the user specified the original value, or because the data set is being restored to an unlike device type.
- The VSATTREX user exit was active and changed the value explicitly.

This is an informational message only. The user requires no action.

2493

CI SIZE HAS CHANGED FROM (nnn) TO (ooo) FOR DSN=(ddd) VOL=(vvv)

Reason:

While restoring VSAM data set (ddd) to volume (vvv), CADisk detected a change in the control interval size between the original value found on the CADisk archive tape (nnn) and the new value specified in the VSAM DEFINE (ooo). This can be caused by two conditions:

- Sysparm VSATTRIB was set on, causing CADisk to allow Access Method Services to calculate the control interval size. The newly calculated value differed from the original, probably because the user specified the original value or because the data set is being restored to an unlike device type.
- The VSATTREX user exit was active and changed the value explicitly.

This is an informational message only. The user requires no action.

2494

CATALOG ERROR, DSNAME = (ddd)

2494

CATALOG ERROR (nn) — (rrr)

Reason:

An attempt to catalog data set (ddd) has failed. Catalog error (nn) is the return code from the CATALOG macro. The error description (rrr) explains what (nn) means. See Catalog Management Return Codes in the appendix "Common Return Codes" for additional information regarding (nn).

Messages 2500-2599

2500

UNABLE TO LOCATE CATALOG = (cat) VERIFY THAT THE CATALOG NAME IS SPELLED CORRECTLY

Reason:

This error is encountered while attempting to retrieve information regarding the catalog from catalog management. It may be caused by one of the following conditions:

- The catalog name requested on the SCAN command does not exist. Verify that the catalog name is spelled correctly. Correct the spelling error and resubmit the job.
- An alias name was specified rather than the catalog's real name. Because the alias name was used, its entry cannot be found in the catalog. Specify the catalog's real name, instead of an alias, and resubmit the job.

2501

CATALOG ACB WAS NOT RETURNED FROM CATALOG MANAGEMENT FOR CATALOG (ccc) - CATALOG HAS BEEN BYPASSED FOR PROCESSING

Reason:

The requested catalog (ccc) was found but catalog management did not return its ACB address.

Action:

Contact CA Technical Support for assistance.

2502

DATA SET NAME NOT RETURNED DURING SCAN OF CATALOG (ccc) CATALOG SCAN IS TERMINATED

Reason:

During GET NEXT processing of catalog scan for catalog (ccc), an entry was returned from catalog management, but no data set name associated with the entry was returned. Because CADisk has no knowledge of the entry, processing is terminated for that catalog.

Action:

Execute the IDCAMS LISTCAT procedure to verify that it does not have the same problem. If the problem also exists for the LISTCAT, follow IBM procedures for resolving the problem.

2503

ASSOCIATION CONTROL INTERVAL NUMBER (nnn) NOT FOUND FOR DSN = (ddd)

Reason:

When CADisk retrieved information associated with data set (ddd), the cluster record indicated that an associated entry can be found at control interval number (nnn). However, when CADisk attempted to retrieve that control interval, catalog management returned an error code indicating the control interval does not exist.

Action:

Attempt to list the specified data set with the IDCAMS LISTCAT feature (use the ALL parameter). Check the output for a similar error. If one exists, follow IBM procedures for resolving the problem. For assistance, contact CA Technical Support.

2504

CATALOG RECORD SIZE IS GREATER THAN MAXIMUM ALLOWED — RECORD SIZE RETURNED = (nnn)

Reason:

A catalog error has occurred. While attempting to back up an ICF catalog, CADisk has encountered a record that is larger than the maximum allowed (32,760 bytes). The record size is (nnn). The catalog is not backed up.

Action:

Determine the reason for the long record in the catalog and correct it, then resubmit the backup job.

2505

DATA SET BYPASSED, CATALOG ENTRY TYPE=t INFORMATION FOR DSN=dsn NOT FOUND IN CATALOG=cat

Reason:

The catalog management in catalog (cat) cannot find the catalog information requested for data set (dsn).

Action:

Verify the data set entry exists in the catalog through IDCAMS LISTCAT procedure. For assistance, contact CA Technical Support.

2506

INVALID REPORT NAME (nnn) REQUESTED. VALID REPORT NAMES ARE: CLD, MAP, SVD, AND MVD

Reason:

The report name printed in the text of the message is invalid.

Action:

Check the spelling for accuracy.

Note: For more information on the reports, which are available with the VSAM support, see the section REPORT Command Names in the *User Guide*.

2507

INVALID SELECT TYPE (x) SPECIFIED VALID TYPES ARE: A, B, C, D, E, I, M, P, R, S, U OR Z

Reason:

The select type printed in the text of the message is invalid. This parameter is used to specify the print lines, which are wanted on the Cluster Data Report.

Note: For more information on the report lines, which are available for this report, see the section CLDOPT Values and Descriptions in the *User Guide*.

Note: If the SELECT parameter was not specified explicitly on the REPORT command, the offending report type was returned by sysparm RPTCLSEL. To have this value changed, contact CA Technical Support for assistance.

2508

VOLUME INFORMATION TOO LARGE VOLUME INFORMATION NOT SUPPLIED FOR COMPONENT: (ccc)

Reason:

The volume information returned by catalog management regarding component (ccc) contained too much information to be returned to the calling module.

Action:

For assistance, contact CA Technical Support.

2509

CATALOG'S ACB DOES NOT CONTAIN A POINTER TO THE CATALOG AUXILIARY WORK AREA - CATALOG NAME AND VOLUME CANNOT BE DETERMINED

Reason:

The catalog's ACB does not contain a pointer to the CAXWA chain. Because this pointer was missing, the catalog name associated with this ACB cannot be determined.

Action:

This error should have little effect on CADisk processing unless the RACF program product is being executed. For assistance, contact CA Technical Support.

2510

THE FOLLOWING ASSOCIATION DATA SET NAME (ddd) WAS NOT FOUND FOR COMPONENT (ccc)

Reason:

CADisk encountered an error when it attempted to retrieve information pertaining to an entry associated with data set (ccc). CADisk found the cluster record for the component data set and the association information indicated that it was associated with entity (ddd). However, when CADisk attempted to retrieve the associated data set, catalog management returned an error code indicating the data set does not exist.

Action:

Attempt to list data set (ccc), specified in the message, with IDCAMS LISTCAT feature (use the ALL parameter). Check the output for a similar error. If one exists, follow IBM procedures for resolving the problem. For assistance, contact CA Technical Support.

2511

NOT ALL ALIASES CAN BE DEFINED FOR DATA SET (ddd)

Reason:

While attempting to catalog a VSAM data set to the pseudovolume, CADisk encountered an error creating an alias pointer for component name (ddd). Previous error messages explain the error more specifically. Processing will continue and the data set will be cataloged without the alias name that caused the error.

If the correct alias is not supplied, an auto-restore task will not be invoked if the data set is referenced by the component name for which the alias cannot be defined, but a data set not found condition will result.

Action:

For assistance, contact CA Technical Support.

2514

THE FOLLOWING CLUSTER HAS BEEN VERIFIED BY DMS PROCESSING: (ddd)

Reason:

CADisk encountered an error during OPEN processing of cluster (ddd) indicating that a VERIFY was required to process the data set. CADisk issued the VERIFY based on a user installation option. This message is for informational purposes only and no user action is required.

2515

THE FOLLOWING CLUSTER CANNOT BE OPENED AFTER A VERIFY DATA SET BYPASSED: (ddd)

Reason:

CADisk issued a VERIFY against cluster (ddd) after an OPEN error was detected. Following the VERIFY, CADisk again attempted to OPEN the data set, but was not allowed to because of a second OPEN error. See the subsequent error messages indicating the cause of the second OPEN failure. The cluster was not archived by CADisk.

2516

THE FOLLOWING ERROR WAS DETECTED DURING OPEN PROCESSING OF CLUSTER (ddd)

Reason:

Data set (ddd) cannot be opened. This message should be followed by CADisk message 2547 indicating the exact cause of the OPEN failure. The data set was bypassed for processing.

2517

THE FOLLOWING DATA SET IS EITHER EMPTY OR HAS NOT BEEN LOADED: (ddd). ONLY THE DATA SET'S ATTRIBUTES HAVE BEEN ARCHIVED

Reason:

CADisk has determined that data set (ddd) is either empty or unloaded. Therefore, only the data set's attributes were copied to tape. This message is informational only, and no user action is required. Sysparm VSMSGEMP controls issuing of this message.

2518

THE FOLLOWING CLUSTER FAILED DMS PASSWORD CHECKING: (ddd) - COMPONENT TYPE (ccc) VOLUME (vvv)

Reason:

CADisk detected an invalid password while attempting to process cluster (ddd), a (ccc)-type component on volume (vvv). Verify that a password was entered. If a password was supplied, verify that it was spelled correctly. Processing was not allowed for the data set.

2519

<variable text>

Reason:

The message text varies depending on the issuing module. One of the following is possible:

2519

DEFINE FAILED FOR ALIAS = (aaaaaaaa), BEING RELATED TO ENTRY= (ddd)

2519

SMS DENIED DEFINE FOR CLUSTER (ddd), STORAGE CLASS IS (sss), DATA CLASS IS (eee), MANAGEMENT CLASS IS (mmm). SEE MESSAGE nnnn IN THE IBM SYSTEM MESSAGES GUIDE

2519

CATALOG ERROR OCCURRED FOR RELATED ENTRY

2519

VSAM DEFINE FAILED FOR DATASET = (ddd), VOLSER = (vvvvvv) BEING RELATED TO ENTRY = (eeeeeeee) IN CATALOG (ccc) FOR THE FOLLOWING REASON

2519

VSAM DEFINE FAILED FOR PATH = (ppp). THE PATH IS BEING RELATED TO AIX OR CLUSTER = (ddd) IN CATALOG (ccc) FOR THE FOLLOWING REASON

Reason:

CADisk received an error condition from catalog management when attempting to DEFINE data set (ddd) in catalog (ccc). This message should be followed by CADisk message 2546, which gives a more detailed explanation of the error encountered.

2520

THE FOLLOWING ERROR OCCURRED WHILE ISSUING A PUT REQUEST FOR CLUSTER (ddd) - RPL FEEDBACK CODE (ccc), REGISTER 15 CONTENTS = (nnn)

Reason:

While attempting to write output records to data set (ddd), an error was detected by VSAM. See the IBM *OS/VS VSAM Programmer's Guide* for a description of the error code encountered. This message should be followed by CADisk message 2545, which attempts to interpret the error codes.

2521

THE FOLLOWING CLUSTER WAS DELETED BECAUSE OF SCRATCH PARAMETER: (ddd)

Reason:

Cluster (ddd) was deleted because the SCRATCH parameter was present on the input command. This is an informational message only, and no user response is required.

2523

THE MAXIMUM SIZE FOR A RELATIVE RECORD DATA SET OF 16,777,216 HAS BEEN EXCEEDED. USER 100 ABEND ENTERED

Reason:

CADisk was processing an RRDS VSAM cluster that exceeded the maximum number of records that CADisk can write on the archive tape. This data set should be excluded from all CADisk archive operations. It must be backed up with standard IBM utilities.

2524

THE FOLLOWING ERROR OCCURRED WHILE ISSUING A GET REQUEST FOR CLUSTER (ddd) - RPL FEEDBACK CODE (ccc) - REGISTER 15 CONTENTS = (nnn)

Reason:

While attempting to retrieve records from data set (ddd), an error was detected by VSAM. See the IBM *OS/VS VSAM Programmer's Guide* for a description of the error code encountered. This message should be followed by CADisk message 2545, which attempts to interpret the error codes into an error message.

2525

FOLLOWING DATA SET IS MARKED UNMOVABLE: (ddd) USER HAS AUTHORIZED DMS TO PROCESS DATA SET: ****WARNING - DMS DOES NOT OFFICIALLY SUPPORT UNMOVABLE DATA SETS**

Reason:

Either you or your installation has authorized CADisk to process an unmovable data set through the UNMOVEAR or UNMOVEVC sysparms. CADisk does not officially support unmovable data sets; however it does provide the means to process them anyway. Data set (ddd) is marked unmovable, but CADisk will process the data set anyway. This message is informational only and no further action is required.

2526

FOLLOWING DATA SET IS MARKED UNMOVABLE: (ddd) THIS DATA SET BYPASSED

Reason:

CADisk has bypassed processing for data set (ddd) because it is marked unmovable. CADisk does not support unmovable data sets. No further action is required.

2527

USER PROCESSING OPTION HAS ELECTED NOT TO RECATALOG UNCATALOGED DATA SETS TO THE PSEUDO-VOLUME

Reason:

When CADisk is recataloging to the pseudovolume, default processing is to recatalog all data sets to the pseudovolume whether the data set was originally cataloged or not. The user has elected through the RECATPSU sysparm to not recatalog data sets that were not cataloged originally. This message is informational only and no Action is required.

2528

UNABLE TO UPDATE RESTCMDS SUBFILE AFTER SUCCESSFULLY RESTORING DATA SET NAME = (ddd)

Reason:

CADisk attempted to update the RESTCMDS subfile after successfully restoring data set (ddd). The attempt failed because the record somehow was deleted during the restore operation (possibly by the same user who requested RESTORE). An attempt was then made to insert a new record; this failed, thus causing a user 100 abend. Because CADisk failed to update the subfile, the user should assume that the Files Data Set is invalid and should look for other error messages. A reorganization of the Files Data Set is in order.

2529

UNABLE TO UPDATE RESTCMDS SUBFILE AFTER FAILING TO RESTORE DATA SET NAME (ddd)

Reason:

CADisk attempted to update the RESTCMDS subfile after failing to restore data set (ddd). The update attempt failed because the record somehow was deleted during the restore operation (possibly by the same user who requested RESTORE). An attempt was then made to insert a new record; this failed, thus causing a user 100 abend. Because CADisk failed to update the subfile, the user should assume that the Files Data Set is invalid and should look for other error messages. A reorganization of the Files Data Set is in order.

2530

****** WARNING - RESTCMDS SUBFILE RECORD MISSING WHEN UPDATE ATTEMPTED AFTER SUCCESSFULLY RESTORING DATA SET NAME = (ddd) NEW RECORD INSERTED**

Reason:

After CADisk successfully restores a data set, it will normally attempt to update the RESTCMDS subfile record that originally requested the restore with information about the restore. When it restored data set (ddd), CADisk tried to do this but found the record missing. The record was deleted sometime between the start of the dispose job and when CADisk tried to update the RESTCMDS subfile record. Probably the user who originally requested the restore also deleted the request. The data set was restored successfully and a new record was inserted into the RESTCMDS subfile. This message is informational only and no further action is needed.

2531

****** WARNING - RESTCMDS SUBFILE RECORD MISSING WHEN UPDATE ATTEMPTED AFTER FAILING TO RESTORE DATA SET NAME = (ddd) NEW RECORD INSERTED**

Reason:

After CADisk successfully restores a data set, it will normally attempt to update the RESTCMDS subfile record that originally requested the restore with information about the restore. When it restored data set (ddd), CADisk tried to do this but found the record missing. The record was deleted sometime between the start of the dispose job and when CADisk tried to update the RESTCMDS subfile record. Probably the user who originally requested the restore also deleted the request. The data set was not restored and a new record was inserted into the RESTCMDS subfile. The fact that the data set restore failed has nothing to do with this message. This message is informational only and no further action is needed.

2532

ACFXXXXX-XX,XXX ACF2 VIOLATION, etc.

Reason:

CADisk has encountered a CA-ACF protected data set. When the CA ACF2 support is turned on in CADisk, CADisk will ask CA ACF2 if CADisk is authorized to process all the data sets it encounters. If CA ACF2 denies CADisk access to a data set, CA ACF2 passes the violation message back to CADisk. CADisk will then print that message as described here. To find out the meaning of these messages, look them up in the *CA ACF2 Messages Guide*. CADisk has bypassed the data set.

Action:

Change the CA ACF2 rules governing the data set if you want to process the data set with CADisk.

2533

DATA SET NAME = (ddd) ON VOLUME = (vvv) NOT PROCESSED DUE TO ACF2 PROTECTION

Reason:

CADisk processing has encountered data set (ddd) on volume (vvv), and has determined that it is protected by CA ACF2, whose rules did not allow CADisk to process it. Message 2532 should have been issued before this message giving the reason CA ACF2 denied access. No further action need be taken by the user unless it is wanted that CADisk process the data set, in which case the CA ACF2 rules governing the use of the data set will need to be changed.

2534

MODULE NAME = (mmm) NOT EXECUTED DUE TO ACF2 PROTECTION

Reason:

CADisk processing has encountered a CA-ACF protected module (mmm) whose rules did not allow CADisk to execute it. Message 2532 should have been issued before this message giving the Reason CA ACF2 denied execution. If it is wanted that CADisk be allowed to execute the module, the CA ACF2 rules governing the use of the module will need to be changed. CADisk has terminated processing.

2535

VOLUME = (vvv) NOT PROCESSED DUE TO ACF2 PROTECTION

Reason:

CADisk processing has encountered a CA-ACF protected volume (vvv) whose rules did not allow CADisk to process it. Message 2532 should have been issued before this message giving the Reason CA ACF2 denied access. If it is wanted that CADisk be allowed to access the volume, the CA ACF2 rules governing the use of the volume will need to be changed. CADisk will proceed to the next volume if there is one.

2536

VSAM CATALOG, DATA SET NAME = (ddd) ON VOLUME = (vvv) NOT PROCESSED DUE TO ACF2 PROTECTION

Reason:

CADisk processing has encountered a CA-ACF protected VSAM catalog (ddd) on volume (vvv) whose rules did not allow CADisk to process it. Message 2532 should have been issued before this message giving the reason CA ACF2 denied access. No further action need be taken by the user unless it is wanted that CADisk process the VSAM catalog, in which case the CA ACF2 rules governing the use of the catalog will need to be changed to allow CADisk to process it.

2537

VSAM CLUSTER, DATA SET NAME = (ddd) COMPONENT OF CLUSTER = component id ON VOLUME = (vvv) NOT PROCESSED DUE TO ACF2 PROTECTION

Reason:

CADisk processing has encountered a CA-ACF protected VSAM cluster (ddd) whose rules did not allow CADisk to process it. Along with the cluster name is printed the component of the cluster (cluster, data, index, path, or AIX). Message 2532 should have been issued before this message giving the reason CA ACF2 denied access. CADisk bypassed the cluster. No further action need be taken by the user unless it is wanted that CADisk process the cluster, in which case the CA ACF2 rules governing the use of the cluster will need to be changed.

2538

SECURDSN MEMBER IN PARMLIB EITHER DOES NOT EXIST OR IS EMPTY. PROCESSING TERMINATED

Reason:

Because either the SECURFIL or SECURCMD sysparm was specified, CADisk looked for the SECURDSN member in the PARMLIB data set. CADisk found that either the member was missing or was empty. Either condition is invalid for CADisk, because protection of the files or commands requires that you define entries in this member. Processing is terminated.

Action:

Correct the situation before rerunning the job.

2539

MEMORY NOT AVAILABLE TO LOAD SECURDSN TABLE INTO VIRTUAL STORAGE - INCREASE REGION SIZE AND RERUN

Reason:

CADisk was trying to load the SECURDSN table into memory but ran out of storage in the attempt.

Action:

Increase the region size and rerun the job.

2540

INVALID RESOURCE VERIFICATION FOUND IN COLUMN 1 OF A SECURDSN PARMLIB MEMBER ENTRY - ONLY C, F OR T IS ALLOWED - ENTRY = (mmm) PROCESSING TERMINATED

Reason:

In building the SECURDSN member in memory, an invalid member entry was encountered. Column 1 is identified as the problem. Something other than C, F, or T was specified. The member entry is (mmm).

Action:

Correct the member entry and rerun the job.

2541

INVALID RESOURCE ID FOUND IN A SECURDSN MEMBER OF PARMLIB ENTRY: FIRST CHARACTER IN COLUMN 2 IS BLANK ENTRY MUST BE LEFT-JUSTIFIED IN ITS FIELD - ENTRY = (mmm) ENTRY PROCESSING TERMINATED

Reason:

In building the SECURDSN member in memory, an invalid member entry was encountered. A blank was found in column 2. All SECURDSN member entries must be left justified within their assigned fields. The member entry is (mmm).

Action:

Correct and rerun the job.

2542

INVALID VOLUME FOUND IN A SECURDSN MEMBER OF PARMLIB ENTRY - FIRST CHARACTER IN COLUMN 17 IS BLANK ENTRY MUST BE LEFT-JUSTIFIED IN ITS FIELD - ENTRY = (mmm) ENTRY PROCESSING TERMINATED

Reason:

In building the SECURDSN member in memory, an invalid member entry was encountered. A blank was found in column 17. All SECURDSN member entries must be left justified within their assigned fields. The member entry is (mmm).

Action:

Correct and rerun the job.

2543

INVALID DSN FOUND IN A SECURDSN MEMBER OF PARMLIB ENTRY - FIRST CHARACTER IN COLUMN 23 IS BLANK - ENTRY MUST BE LEFT-JUSTIFIED IN ITS FIELD - ENTRY = (mmm) ENTRY PROCESSING TERMINATED

Reason:

In building the SECURDSN member in memory, an invalid member entry was encountered. A blank was found in column 23. All SECURDSN member entries must be left justified within their assigned fields. The member entry is (mmm).

Action:

Correct and rerun the job.

2544

ACCESS/REQUEST DENIED BECAUSE OF SECURITY VIOLATION

Reason:

A user tried to access a security-protected resource. This resource was defined by the installation's security procedures as not accessible for the purposes of this job. Request was denied.

Action:

See your in-house security administrator for access to this resource.

2545

LOGICAL ERROR DURING PROCESSING, RPL FDBK=(nnn)

Reason:

CADisk has detected an error while processing a VSAM data set, and encountered RPL feedback code (nnn). This code is explained in detail in the IBM publication *VSAM Programmer's Reference Guide*. In addition, CADisk stores a list of the most commonly encountered return codes. If this error code is in the CADisk table, subsequent lines detailing the nature of the error will appear with this message.

Action:

If the RPL feedback code in the message indicates an out-of-sequence record condition (FDBK=12), you have several options to consider. Sysparm VSSEQCNT sets the maximum number of sequence errors CADisk will allow before failing the restoration of the data set (the default value is zero, which causes the restore to fail when the first error of this type is encountered). If this value is other than zero, CADisk will continue processing the data set, but the record in error is not loaded into the cluster. This record must be entered manually after the data set is restored.

Another option you may consider is to use the CADisk extract utility to load the records to a sequential data set. Then sort the records using the proper key length and offset for the cluster. Then use the IDCAMS REPRO facility to load the cluster. You can use CADisk to restore only the cluster's attributes by specifying NOLOAD on the restore command.

2546

CATALOG RETURN CODE IS (cc) - REASON CODE IS (nn)

Reason:

While processing a catalog management request, CADisk detected an error corresponding to the IBM message IDC3009I. CADisk stores a list of common catalog management return codes. If the error code in the text is found in the CADisk table, subsequent message lines will explain the error in greater detail.

Action:

For return code 50, reason code 18, see sysparm VSNOSCROn in the *Systems Guide*.

For reason code 212: Typically this condition code is encountered only when moving a VSAM data set to a different device type, and the control interval size specified (either the values with which the cluster was archived or those entered through the CISZ=, DCISZ= or ICISZ= parameters of the RESTORE command) is too small for the control area being generated on the new device type. The new device can hold more data control intervals per control area than the original device. Since each index control interval has to be large enough to hold pointers to every data control interval in its control area, the definition is failed by catalog management to prevent under-utilization of the data area.

You can circumvent this problem by any of these means:

- Increase the index's CISZ so that it can hold more pointers.
- Increase the data's CISZ so that there are fewer data control intervals per control area.
- Decrease the control area size so the original control interval values will be valid.

To change the control interval size, restore the data set explicitly with one of the CISZ= parameters, or specify sysparm VSATTRIBY to let the system generate new control interval sizes (exit VSATTREX is also available to allow changes from a user exit).

Note: If the VSAM data set is an IMS, CICS or DB2 data base, it may not be possible to change the cluster's control interval size, since this value is coded in the DBDGEN for the data base and also affects the space required to allocate to data buffers. In this case the only alternative is to decrease the control area size by changing the space allocation for the cluster. For a discussion on how to influence control area sizes, see the IBM *MVS/370 VSAM User's Guide*, chapter titled "VSAM Performance Considerations", under Control Area Size.

For return code 138, the CADisk CA Allocate interface (documented and distributed separately) has detected an error. Consult additional messages issued by CA Allocate.

Note: As part of CA Allocate installation, it is possible to change the return code set from 138 to some other value. Check your installation of CA Allocate to determine what value is set.

If the problem cannot be resolved, contact CA Technical Support for assistance.

2547

ERROR DURING VSAM OPEN: ACBERFLG=(nn)

Reason:

While attempting to open a VSAM cluster, CADisk detected error (nn), which was returned in the ERROR field of the ACB. A list of these return codes is found in IBM's *VSAM Programmer's Guide*. CADisk stores a list of common OPEN error return codes. If the error code in the text is found in the CADisk table, subsequent message lines will explain the error in greater detail.

ACBERFLG=148

The DSN prefix for the cluster was not defined in the master catalog for the user catalog being accessed. Connect the catalog to the master catalog, supply a STEPCAT for the user catalog or (if RESTORE) restore the data set to the proper user catalog.

ACBERFLG=160

The installation may have a product called VIO Plus from Softworks installed. This is a known problem that can occur in VIO Plus prior to Release 4.1. If a prior release of this product is installed, exempt CADisk processing from its control.

2548

VREPORT COMMAND IS NO LONGER SUPPORTED UNDER REPORT PROC. VSAM REPORTS ARE NOW GENERATED VIA IMPLICIT VSAM SUPPORT VREPORT COMMAND IGNORED

Reason:

The VREPORT command became obsolete in Release 5.0. This command is ignored and processing continues with the next command in the input stream. VSAM reports can be generated through the REPORT command under the Implicit VSAM support of CADisk.

2549

NOTE - ALL VSAM CLUSTER ALLOCATIONS FOR THIS STEP WILL BE MADE WITH DISP=SHR

Reason:

CADisk has detected the presence of sysparm VSALOSHR. The message is issued as a warning in case specifying this system parameter can cause unexpected results to occur. This is an informational message only, and no response by the user is required.

2550

THE FOLLOWING PREALLOCATED CLUSTER IS BEING RESTORED WITH THE REUSE OPTION: (ddd)

Reason:

VSAM cluster (ddd) is being restored with the reusable option. CADisk used an existing definition for the cluster rather than the one stored on the archive tape. This is an informational message only, and the user requires no response.

2551

THE FOLLOWING CLUSTER IS BEING RESTORED WITH ITS PREDEFINED ATTRIBUTES: (ddd)

Reason:

VSAM cluster (ddd) is being restored to a predefined cluster based on options supplied to CADisk. Because of this, CADisk cannot ensure the integrity of the restored cluster. This is an informational message only, and the user requires no response.

2552

CLUSTER WAS NOT RESTORED BECAUSE IT IS NOT DEFINED AS REUSABLE AND ITS HIGH USED RBA EXCEEDED 0: CLUSTER NAME (ddd)

Reason:

Based on installation options in effect at run time, CADisk attempted to restore VSAM cluster (ddd) as a predefined cluster. However, the existing cluster definition does not specify the REUSABLE attribute and the cluster appears to have data in it. CADisk terminated the restore to avoid loss of data in the existing cluster.

Action:

If the cluster being restored to should be scratched prior to the restore, specify the SCRATCH parameter and resubmit the job. If the cluster was intended to be predefined, be sure the cluster contains no data. If it does, CADisk as a predefined cluster cannot use it.

2553

****WARNING** THE FOLLOWING BASE CLUSTER ORIGINALLY HAD ALTERNATE INDEX OR PATH ASSOCIATIONS - THE ALTERNATE INDEX AND/OR PATHS MUST BE REBUILT BY THE USER - BASE CLUSTER NAME = (ddd)**

Reason:

VSAM base cluster (ddd) was defined originally with path or alternate indexes. By restoring this cluster with CADisk, all path and alternate index associations were lost. They must be redefined and rebuilt by the user.

2554

THE FOLLOWING ERROR WAS DETECTED DURING CATALOG SELECTION PROCESSING, REASON CODE=xx:

Reason:

During scan the catalog name passed as input for pattern matching characters. An error may occur for one of the following reasons:

Reason code 08

No matches were found for the catalog name pattern supplied by the user

Reason code 16

Maximum number of catalog entries exceeded

Reason code 20

Master catalog not found

Reason code 24

No user catalogs found in the master catalog

Reason code 28

Pattern matching not allowed (VSCATPTN = 'N')

Reason code 32

Catalog name not returned by catalog management

Reason code 36

Error detected by catalog management

Reason code 40

Exclusion catalog(s) were specified but none matched any of the catalogs in the output table

Reason code 44

Exclusion pattern(s) specified caused all entries in the output table to be deleted

Reason: code 48

A previous error in catalog scan processing caused processing to be bypassed

Action:

If reason code is 16, increase the VSCATMAX system setting to at least one greater than the number of user catalogs defined in the master catalog.

2555

THE FOLLOWING IS AN INVALID COMPOUND CONDITION TEST: (xxx) THE ONLY VALID TESTS ARE: AND, OR

Reason:

The compound condition test specified (xxx) is not supported. This condition is usually caused by an incorrect number of subparameters being specified on the CRITERIA parameter. Every fourth subparameter is expected to be a compound condition test. Be sure the command has the proper command format with the necessary commas:

```
CRI=(OPERAND,OPERATOR,OPERAND,COMPOUND CONDITION, ...)
```

Action:

Correct the error and resubmit the job.

2556

FORMAT-1 DSCB NOT FOUND FOR DATA COMPONENT (ddd) ON VOLUME (vvv) - IT IS ASSOCIATED WITH CLUSTER (ccc). A DEFAULT LAST USE DATE OF 2155.366 WAS USED

Reason:

A selection criterion of USEDT was specified on a SELECT or EXCLUDE command, causing CADisk to attempt to retrieve a format-1 DSCB for the data component of cluster (ddd). This is where the last use date is stored for clusters defined in an ICF catalog. However, a format-1 DSCB cannot be found for the data component on volume (vvv). The data component is associated with base cluster (ccc). This can be caused by one of the following conditions:

- The cluster is defined in a user catalog and is suballocated. If the catalog named on the SCAN CATALOG= command is not an ICF catalog, the USEDT reference is invalid (last use date is not supported in VSAM user catalogs).
- The volume information for the cluster found in the ICF catalog is incorrect.

When this condition is encountered, a last use date of 2155.366, is assumed for the cluster. This will prevent the cluster from being archived based on an invalid last use date.

2557

INVALID LAST USE DATE (nnn) FOR DATA COMPONENT (ddd) ON VOLUME (vvv) - IT IS ASSOCIATED WITH CLUSTER (ccc). A DEFAULT LAST USE DATE OF 2155.366 WAS USED

Reason:

A selection criterion of USEDT was specified on a SELECT or EXCLUDE command, causing CADisk to retrieve the format-1 DSCB for the data component of cluster (ddd) on volume (vvv). This is where the last use date is stored for clusters defined in an ICF catalog. However, the format-1 DSCB contained a hexadecimal date of (nnn), which CADisk assumes to be invalid. The data component is associated with base cluster (ccc). This condition can be caused by one of the following:

- The cluster is defined in a user catalog and was defined as UNIQUE, causing a format-1 DSCB to be written for the data set. However, the last use date in this format-1 DSCB is never updated and therefore should always contain binary zeros. If the catalog named on the SCAN CATALOG= command is not an ICF catalog, the USEDT reference is invalid and should not be used.
- The data set being referenced is defined in an ICF catalog, but either the last use date support has not been implemented, or the data set was explicitly bypassed for last use date updating. In order to implement datestamp processing for VSAM clusters defined in an ICF catalog, the datestamp control module (IDATMSTP) must be replaced in IDA0192B with another module that sets a return code of 4. See the IBM *OS/VS Virtual Storage Access Method Programmer's Guide* for further information regarding this exit (updated by TNL GN26-0906 on 27 Feb. 1981).

When this condition is encountered, a last use date of 2155.366, is assumed for the cluster. This will prevent the cluster from being archived based on an invalid last use date.

2558

A DATA COMPONENT WAS NOT ASSOCIATED WITH THE FOLLOWING CLUSTER: (ddd)

Reason:

VSAM cluster (ddd) does not contain a data component association in the catalog. List the cluster with the IDCAMS LISTCAT utility to determine the extent of the error. The entry is probably unusable and should be deleted from the catalog.

2559

AN INDEX COMPONENT WAS NOT ASSOCIATED WITH THE FOLLOWING KSDS: (ddd)

Reason:

KSDS cluster (ddd) does not contain an index component association in the catalog, although it is marked as a KSDS. List the cluster with the IDCAMS LISTCAT utility to determine the extent of the error. The entry is probably unusable and should be deleted from the catalog.

2560

VSAM CATALOG ERROR FOR (ddd)

Reason:

This message indicates an error occurred during a call to catalog management. The error was detected for data set (ddd). This message is followed by message 2546 describing the nature of the error.

2561

MORE SPACE REQUIRED FOR DATA STUMP - INCREASE SYSPARM VSSTUMPL BY *nn%*

Reason:

This error is encountered when CADisk has attempted to retrieve information about a cluster from a VSAM or ICF catalog. CADisk dynamically acquires the storage required to hold his information, but this area was not large enough to hold the data.

Action:

Increase the value of sysparm VSSTUMPL by the percentage recommended in the message text and resubmit the job.

2561

MORE SPACE REQUIRED FOR DATA STUMP - INCREASE SYSTEM PARM VSSTUMPL AT LEAST *nnn* BYTES

Reason:

CA Disk has attempted to retrieve information about a cluster from a VSAM or ICF catalog. CA Disk dynamically acquires the storage required to hold his information, but this area was not large enough to hold the data.

During RESTORE, the VSSTUMPL size was less than *nnn* bytes to save all stump information in archived tape.

Action:

Increase the value of sysparm VSSTUMPL by at least the number *nnn* recommended in the message text and resubmit the job.

2562

RECORD TOTALS DO NOT MATCH FOR DATA SET (ddd) CATALOG TOTAL = (nnn) DMS TOTAL = (ttt)

Reason:

After reading the indicated data set (ddd), CADisk compared the total number of records it read against the record total found in the catalog. The two values did not match. If the total in the catalog (nnn) is less than the total calculated by CADisk (ttt), the mismatch is probably caused by an incorrect total in the catalog. This is especially true for IMS-type data sets that do not go through standard close and therefore do not have accurate statistics in the catalog.

If the catalog total is greater than the CADisk total, this also is normally caused by an incorrect catalog total. Again, this is more prevalent in IMS-type data sets. However, this discrepancy should be viewed with more caution since it may be an indication of lost data.

Action:

If you are suspicious of a particular CADisk total, run a different utility (such as IDCAMS PRINT) to determine the number of records it reads in the data set. If this total is different from the CADisk total, contact CA Technical Support for assistance.

This message is strictly informational in nature, and no action is required of the user. Sysparm VSMSGTOT controls issuing of this message.

2563

DATA CONTROL INTERVAL WAS BEING SPLIT WHEN SYSTEM ABEND OCCURRED - DATA SET = (ddd), RELATIVE BYTE ADDRESS = (nnn)

Reason:

This message is issued when the CIDFBUSY flag is on in the control interval definition field (CIDF) of the data control interval of data set (ddd). This indicates that during prior processing of the cluster, an abend occurred while VSAM was in the process of splitting the control interval. This bit is turned on at the start of split processing and is turned off after the split has completed. Since this bit is still on, a system abend occurred before the split can be completed and therefore the integrity of the cluster may be lost. For more information regarding control interval splits, see the IBM publication OS/VS VSAM Options for Advanced Applications.

This message is for informational purposes only and causes no change in CADisk processing of the cluster. If no other error messages are issued for this cluster (message 2562 in particular), the data set is probably intact.

2564

CONTROL INTERVAL UPDATE NUMBER DOES NOT MATCH PRECEDING CONTROL INTERVAL - DATA SET = (ddd) RELATIVE BYTE ADDRESS = (nnn)

Reason:

When VSAM updates a spanned record, it keeps a count of the update number in all control intervals in which that record resides. Each time the record is updated, all control intervals for the record have this update count incremented by one. This message indicates that for data set (ddd) these update numbers do not match for all control intervals in which the record resides.

This message is for informational purposes only and has no affect on the processing of the cluster by CADisk. Since this error can mean a loss of data integrity for the record, it should be inspected to verify that the data is intact. For more information regarding control interval split update numbering, see the IBM publication OS/VS VSAM Options for Advanced Applications.

2566

Invalid option for CIA Report - Must be either "CATLG", "DUMP", or "DETAIL"

Reason:

An invalid parameter was specified for the CIAOPT= parameter of the ARCHIVE or REPORT command. Correct the parameter to CATLG, DUMP or DETAIL and resubmit the job.

2567

PROCESSING STARTED FOR CATALOG = (ccc)

Reason:

This message is for informational purposes only. It indicates that the processing requested by the user has begun on catalog (ccc). The user requires no Action.

2568

SEQUENCE SET RBA POINTER IS GREATER THAN THE HIGH ALLOCATED RBA FOR THE INDEX - SEQUENCE SET RBA = (nnn)

Reason:

The sequence set relative byte address (RBA) (nnn) is greater than the high-allocated RBA for the index. The RBA value in the message text is either:

- The RBA of the first sequence set record, which is obtained from the AMDSSRBA field of the AMDSB for the cluster.
- The RBA value found in the IXHHP field in the current sequence set control interval, which is used as a horizontal pointer to the next index control interval in sequence.

CADisk stops processing on the cluster (a read of this RBA can cause a program abend) because this value is out of the range defined for the cluster's index in the catalog.

Important! This error should be attended to immediately.

Action:

First, attempt to read the cluster using logical access methods. This can be accomplished by rerunning the CADisk job with sysparm VSACCESS specified with a value of L (check the CADisk user exit VSACESEX too) or by using the IDCAMS PRINT facility. If either of these methods completes without error messages but the problem continues, contact CA Technical Support for assistance.

2569

SEQUENCE SET RBA POINTER FOR (ddd) IS GREATER THAN THE HIGH USED RBA FOR THE INDEX COMPONENT - SEQUENCE SET RBA = (nnn)

Reason:

The RBA value (nnn) for the index sequence set is greater than the high used RBA for the index component in the catalog for data set (ddd).

This error is similar to the error described in message 2568 but is not as severe. It is usually caused by bad cluster information in the catalog. This is only an informational message. CADisk will continue to process this cluster.

Action:

If you are able to read the cluster using logical access methods (as described in message 2568), you may ignore this message. To cause CADisk to not print this message, restore the cluster using the backup of the cluster just created (thus correcting the catalog information).

If you are unable to read the cluster, or the backup fails for other Reason s, restore the data set from an earlier version.

2570

ERROR RETRIEVING INDEX RECORD AT RBA = (nnn)

Reason:

A VSAM error was detected attempting a direct read of the control interval at relative byte address (nnn). See the subsequent CADisk message 2524 for error analysis and resolution.

2571

CALCULATED DATA CI RBA POINTER IS GREATER THAN THE HIGH ALLOCATED RBA FOR THE DATA COMPONENT. CALCULATED RBA = (nnn)

Reason:

A data control interval address, which was calculated by CADisk, was out of the range of the data component. The control interval address is calculated by adding the control area's base RBA (CDKRCICA) to the product of the data control interval size and the relative data control interval in the control area (CDKRCICA). This error stops all processing for the cluster.

Action:

Attempt to read the data set using VSAM logical access. This can be accomplished by either rerunning the CADisk job with sysparm VSACCESS specified with a value of L (check CADisk user exit VSACESEX too), or by printing the data set with the IDCAMS PRINT utility. If the data set can be accessed by logical access, contact CA Technical Support for assistance.

2572

CALCULATED DATA CI RBA POINTER FOR (ddd) IS GREATER THAN THE HIGH USED RBA FOR THE DATA COMPONENT - CALCULATED RBA = (nnn)

Reason:

The calculated RBA value is greater than the high used RBA for data set (ddd). This error is similar to the error described in message 2571 but is not as severe. It is usually caused by bad cluster information in the catalog. This is only an informational message. CADisk will continue to process the cluster.

Action:

If you are able to read the cluster using logical access methods (as described in message 2571), you may ignore this message. To cause CADisk to not print this message, restore the cluster using the backup of the cluster just created (thus correcting the catalog information).

If you are unable to read the cluster, or the backup fails for other Reason s, the data set must be restored from an earlier version.

2573

ERROR RETRIEVING DATA CI AT RBA = (nnn)

Reason:

A VSAM error was detected attempting a direct read of the control interval at relative byte address (nnn). See the subsequent CADisk message 2524 for error analysis and resolution.

2574

DATA SET CANNOT HAVE SPANNED RECORDS - DSN (ddd)

Reason:

Data set (ddd) appears to have an internal error. A data control interval was read which indicated that the control interval contained part of a spanned record, but the catalog information indicates that the data set cannot have spanned records. Processing is terminated for the cluster.

Action:

Attempt to read the cluster using VSAM logical access. This may be accomplished by either rerunning the CADisk job with sysparm VSACCESS specified with a value of L (check CADisk user exit VSACESEX too), or by using the IDCAMS PRINT facility. If the error cannot be reproduced by these methods, contact CA Technical Support for assistance.

2575

SOFTWARE END OF FILE FOR INDEX ENCOUNTERED FOR DSN = (ddd) AT RBA = (nnn)

Reason:

An unexpected empty sequence set control interval was read at the relative byte address (nnn) in data set (ddd). To avoid a critical error, CADisk immediately stops processing for the cluster. Try to access the cluster using logical access techniques. If the problem cannot be reproduced, contact CA Technical Support for assistance.

2576

MORE THAN 20 SUBFILES IN USE AT ONE TIME - PROCESSING TERMINATED

Reason:

A function of CADisk is running which is accessing more than 20 subfiles of the CADisk Files Data Set. To resolve this problem, contact CA Technical Support for assistance.

2577

ACCESS TO DSNINDEX SUBFILE VIA LISTD COMMAND DENIED BECAUSE OF SECURITY VIOLATION

Reason:

An attempt to use the LISTD command failed because the user did not have read authority for the DSNINDEX subfile. The user should contact the security administrator if access is wanted. Rerun the job if the read authority is given.

2578

ACCESS TO ARCHVOLS SUBFILE VIA LISTV COMMAND DENIED BECAUSE OF SECURITY VIOLATION

Reason:

An attempt to use the LISTV command failed because the user did not have read authority for the ARCHVOLS subfile. The user should contact the security administrator if access is wanted. Rerun the job if the read authority is given.

2579

COMMAND USE DENIED BECAUSE OF SECURITY VIOLATION

Reason:

Use was denied for a CADisk command because it was protected by the installation's security system. The user should contact the security administrator to get authorization to use command. If authorization is given, rerun the job.

2580

ACF2 NOT ACTIVE AND OK TO PROCEED NOT GIVEN

Reason:

CADisk was started with the CA ACF2 support turned on. However, CA ACF2 itself was not active, and the installation has not specified sysparm ACF2FORCY (which allows CADisk to process, even if CA ACF2 is down); therefore, CADisk abended. Have your installation specify the sysparm as shown to get CADisk to run when CA ACF2 is down, or wait until CA ACF2 is active again before restarting CADisk.

2581

DERASE REQUEST DENIED BECAUSE OF SECURITY VIOLATION

Reason:

The installation security procedures have denied a DERASE request for either a deferred restore request or a deferred archive request. Consult with the installation security administrator to determine why the request was denied.

2582

SECURITY VIOLATIONS HAVE EXCEEDED LIMIT OF (nnn); TASK TERMINATED

Reason:

Your CADisk administrator has instructed CADisk to terminate tasks that have over (nnn) security violations detected by any of the CADisk Security Interfaces. Change your use of CADisk to not cause so many errors, or have your CADisk administrator increase the value of CADisk sysparm SECURLIM.

2584

OBTAIN OF FORMAT-1 DSCB FOR FILES DATA SET FAILED

Reason:

In doing a reload, CADisk tried to retrieve the format-1 DSCB for the Files Data Set, but failed. This should not happen.

Action:

Check your JCL and make sure the data set is actually online. For assistance, contact CA Technical Support.

2585

UNABLE TO READ JFCB OF FILES DATA SET

Reason:

In doing a reload, CADisk tried to read the JFCB of the Files Data Set, but failed. This should not happen.

Action:

Check your JCL and make sure the data set is actually on the volume. For assistance, contact CA Technical Support.

2586

NO DMS RACFENCD RECORD EXISTS FOR THE FOLLOWING DATA SET CONTAINED IN THE DMS ARCHIVES: DSNAME=(ddd), ARCHIVE DATE=(yyyy.ddd), ARCHIVE TIME=(hh:mm)

Reason:

CADisk was attempting to process an archive copy of data set (ddd) for which CADisk saved a copy of its discrete RACF profile at archive time. The RACFENTY sysparm was set to 2, which tells CADisk that an encoded profile name has been saved in the RACFENCD subfile for this archived data set. However, the record cannot be found in the RACFENCD subfile. To process this data set, turn off the CADisk RACF Interface by specifying sysparm RACFSUPPn or first run the RACFCHK1 utility.

2594

REQUESTED BLOCK NUMBER DOES NOT EXIST ON ARCHIVE TAPE: VOLUME=(vvv), FILE NUMBER=(nnn), BLOCK NUMBER=(bbb)

Reason:

CADisk was attempting to locate a data set on an archive tape volume. The archive index indicated that the data set existed on tape volume (vvv) in archive file number (nnn) on the archive tape, and that this file can be located on block number (bbb) on the tape. CADisk was unable to locate the specified block number on the tape.

Action:

This problem is usually associated with a tape I/O error. Rerun the job again to determine if the problem can be reproduced. If the error recurs, use the CADisk copy tape if one exists.

If this still does not solve the problem, verify that the data set being restored was archived to that tape volume and CADisk is using the correct Files Data Set. Use the archive tape analysis utility to determine the exact contents of the tape.

If archive tape analysis shows the correct information on the tape, use the REBUILD function to reconstruct the archive tape in the CADisk archive index.

Messages 2600-2699

2606

DATA SET GENERATION NUMBER ON DATA SET. INVALID CONDITION. DATA SET NAME = (ddd)

Reason:

In attempting to determine a specific generation number (that is, GnnnnVnn) for data set (ddd), CADisk found one had already been assigned. This condition should never occur under the GDG support provided by CADisk. If this occurs, make sure you do not have the (+1) coded in the JCL. If you do, remove it so that only the base level name is in the JCL. Then rerun the job.

2615

EXPIRATION DATE OF ARCHIVE VOLUME (vvv) IS (ddd)

Reason:

After rebuilding archive tape (vvv), CADisk indicates the tape will expire on (ddd). This message will only be issued when the user exit program name for sysparm TMSCTLEX is ADSTH025.

2617

EXPIRATION DATE FOR THE FOLLOWING ARCHIVE VOLUME RESET DATA SET NAME = (ddd) VOLUME = (vvv) EXPIRATION DATE WAS = (ddd) NEW EXPIRATION IS = (eee)

Reason:

After resetting a DSNINDEX record to a higher expiration date, CADisk determined that archive tape volume (vvv) on which the data set (ddd) resides also needed to be reset to reflect the higher expiration date. Message is informational only. This message will only be issued when the user exit program name for sysparm TMSCTLEX is ADSTH025.

2618

TMC VOLSER RETURNED WAS NOT WHAT WAS EXPECTED VOLSER ON TMC RECORD = (vvv). VOLSER EXPECTED = (uuu)

Reason:

CADisk requested a TMC record using volume (uuu) as a key. What was returned was a TMC record showing volume (vvv). This is a serious error.

Action:

Verify in general that the TMC is correct, specifically the TMC record for this volume. If not, your TMC needs to be recovered. If the records are correct, contact CA Technical Support for assistance.

This message will only be issued when the user exit program name for sysparm TMSCTLEX is ADSTH025.

2619

UCC1 NOT ACTIVE ON SYSTEM

Reason:

Support for CA 1 was activated in CADisk; however the CA 1 system was not active and CADisk cannot continue. Wait for CA 1 to be activated or run CADisk with the CA 1 support turned off. This message will only be issued when the user exit program name for sysparm TMSCTLEX is ADSTH025.

2620

TMC RECORD LOST WHEN TRYING TO UPDATE

Reason:

CADisk was attempting to replace an updated TMC record but instead found that the record was not there anymore. This should not happen because CADisk just got the record from the TMC. This is a serious error.

This message is only issued when the user exit program name for sysparm TMSCTLEX is ADSTH025.

Action:

Contact CA Technical Support for assistance.

2621

FOLLOWING VOLUME NOT FOUND IN UCB CHAIN volser VOLUME =

Reason:

While reloading the Files Data Set, CADisk received a RC > 2 from ADSDM462 indicating a bad UCB address was encountered.

Action:

Contact CA Technical Support for assistance.

2623

EXEMPTION TABLE = (ttt) NOT DEFINED PROCESSING TERMINATED

Reason:

EXEMPT was coded in a RETAIN control statement but CADisk did not find an exemption table. This is an invalid condition. CADisk terminates processing. If the EXEMPT parameter is specified, an exemption table must exist. Remove the EXEMPT parameter or specify a valid table and resubmit the job.

2624

FOLLOWING DSN NOT AVAILABLE FOR PROCESSING, DSN = (ddd), VOLUME = (vvv). DSN WAS SCRATCHED OR ITS VOLUME TAKEN OFFLINE

Reason:

In a Backup, Archive, or Delete run, CADisk may scan ahead before it starts backing up or archiving. CADisk may store the data set names of selected data sets to be disposed of later; depending on the type of processing it is going to do. In this case, CADisk was going back to perform a disposal action on data set (ddd) that was on volume (vvv) when CADisk was scanning but the data set is gone now. Either someone deleted the data set or the volume was varied offline. CADisk notes the error and goes on to the next data set. No action is needed.

2625

MIGRATE DD STATEMENT DUMMIED OUT IN NON-SIMULATE MODE; JOB TERMINATED.

Reason:

While processing a request to migrate sequential data sets through the Sequential Migrate function, CADisk found the primary DD statement //MIGRATE was dummied out. This is invalid in a non-simulate mode as the results can be disastrous.

Action:

Fix //MIGRATE DD statement to point to valid tape file and rerun the job.

2628

THE LIST OF TARGET VOLUME CANDIDATES IS EMPTY

Reason:

CADisk has removed all volumes specified in the TOVOLUME command parameter from the target volume list. This is either because the volume does not exist, is not valid, or contains no free space to hold data sets.

Action:

Rerun CADisk with different TOVOLUME specified that has sufficient space to hold data sets.

2629

DDNAME (xxx) IS ALREADY ALLOCATED, DEALLOCATE AND RE-ENTER DMS REQUEST DDNAME (xxx), DSN=(ddd)

Reason:

The CADisk TSO commands require the use of DDNAME (xxx). It may be preallocated to the TSO session only if it is allocated to the correct data set name as specified in the DMSPARMS member during the CADisk installation process. Data set (ddd) is currently allocated to DDNAME (xxx).

Action:

See your in-house CADisk support representative for more information. To temporarily correct the problem, use the TSO FREE command to deallocate the specified DDNAME and then reenter the CADisk command.

2630

CANNOT OPEN MODEL DSCB FOR I/O PROCESSING, DATA SET HAS NO EXTENTS

Reason:

The data set being used as a target data set has no extents allocated to it. CADisk assumes it is a model DSCB. No data can be written to it. This message is printed when a data set has zeros as the high and low cchhr addresses for the first extent of the data set in the format-1 DSCB. Preallocate a data set that has valid extents and rerun the CADisk function.

2631

VOLUME SPECIFICATION LIST CONTENTS

Reason:

This is a series of messages to indicate the contents of the retention control volume specification list that is to be used to process the user's RETAIN command. This set of messages is printed every time the name of the PARMLIB member used for the list changes. If multiple commands use the same list, the table will only be printed once.

2632

DMS EXCP PUT RC=8, NO ROOM TO WRITE IN DATA SET

Reason:

The attributes of the data set have caused the CADisk space conversion routines to underestimate the space needed to hold the data set.

Action:

See EXCP Access Method Return Codes in the appendix "Common Return Codes" for the Action needed to recover from this error.

2659

RECORD LENGTH EXCEEDED - DSN (ddd)

Reason:

A spanned record in data set (ddd) exceeded the maximum CADisk buffer size as set by sysparm IOMAXREC. Specify IOMAXREC with a value equal to the size of the largest spanned record and rerun the job.

2660

NOTE - AUTO-RESTORE SCREENING EXIT IS ACTIVE - EXIT NAME = (mmm)

Reason:

The user-screening exit (mmm) is active for the current auto-restore task. This message is informational and requires no action by the user.

2661

RESTORE REQUEST REJECTED BY USER EXIT - DSN = (ddd) SOURCE VOLUME = (sss) TARGET VOLUME = (ttt)

Reason:

An auto-restore of data set (ddd) was denied by the user-screening exit. This message is informational and requires no user Action.

2662

UNIT NOT AVAILABLE - AUTO-RESTORE CANCELED BY OPERATOR

Reason:

A required tape device or tape volume was not available to honor an auto-restore request. When the operator was prompted by CADisk console message 013 to reply WAIT, RETRY or CANCEL, the operator replied CANCEL. The auto-restore was canceled as instructed. No user action required; this is an informational message.

2663

THE DELETE COMMAND IS NOT ALLOWED IN YOUR INSTALLATION

Reason:

The delete command is unavailable in your installation. The command has been rejected.

2664

WARNING, DSN = (ddd)

INCORRECTLY CATALOGED IN CATALOG=(ccc)

RESULT=(nnn), REASON=(rrr)

Possibly may have:

SYMBOLICRELATE ALIAS DSN=(aaa) IN ERROR

Reason:

CADisk issued a catalog locate to determine which volumes the data set (ddd) resides on. If the value (nnn) is 3, the data set is cataloged to more than 20 volumes. If the value (nnn) is 2, the data set is probably defined in the wrong catalog. This means that the cluster is not defined in the master catalog and either the first qualifier of the data set name is not an alias of a user catalog, or the first qualifier has an alias pointing to a different user catalog.

The last line of this message text is used to show that the ALIAS data set (aaa) points to a real data set (ddd) that does not exist. When an ALIAS is created using SYMBOLICRELATE(xx.&SYSNAME.xx) syntax to link the related data set to the real data set name, and if the real data set has been renamed using a new HLQ, the ALIAS would point to a data set name that no longer exists. Therefore, when archive/backup is executed using DSCL that points to the ALIAS name, “SYMBOLICRELATE ALIAS DSN=(aaa) IN ERROR” is issued.

Messages 2700-2799

2720

ADD FAILED FOR ONE OR MORE VOLUMES or ERROR IN FILES DATA SET, DELETE FAILED or ERROR IN FILES DATA SET, ERASE FAILED

Reason:

These messages indicate an I/O error within the Files Data Set.

2721

ADD COMPLETED SUCCESSFULLY or DELETE COMPLETED SUCCESSFULLY or ERASE COMPLETED SUCCESSFULLY

Reason:

These messages show the completed tape pool utility commands.

2722

ERROR IN FILES DATA SET

Reason:

An I/O error has been detected while processing the Files Data Set.

2723

VOLUME(S) (vvv) NOT CONVERTED BECAUSE DATA SET NAME (ddd) NOT FOUND IN POOLDEFS

Reason:

Volumes (vvv) were in the ARCHVOLS subfile and cannot be added to a tape pool because data set name (ddd) was not associated with any tape pool.

Action:

Add an entry to the POOLDEFS member of the PARMLIB, then add those volumes not converted using the tape pool utility.

2728

EXCLUSION TABLE (xxx) NOT FOUND IN PARMLIB

Reason:

The exclusion table (xxx) for PDS compression was not found in the PARMLIB.

Action:

Correct the table name and resubmit.

2729

SYSPARM PSUDEVTP NOT N, Y OR R

Reason:

Only values of N, Y or R are allowed for sysparm PSUDEVTP. CADisk will abend with a user 200 when this message is issued.

Note: For an explanation of these values, see the description for sysparm PSUDEVTPn in the *Systems Guide*

2730

RECATALOG VOLUME (vvv) NOT FOUND

Reason:

Volume (vvv) was specified as the volume for recataloging data sets and cannot be found online. CADisk will abend with a user 200 when this message is issued.

2733

(xxx) IS A NON-UNIQUE NAME. IT MATCHES (yyy).

Reason:

Parameter (xxx) was entered, but not enough characters were specified for CADisk to determine what parameter is wanted. Other parameters (yyy) also match this specification.

Action:

Respecify the parameter, providing enough characters to identify a unique parameter name and resubmit the request.

2734

UNABLE TO DETERMINE STATUS OF MIGRATE DD STATEMENT

Reason:

The primary output tape has been dummied out in a non-simulate mode. The primary output tape may be dummied out only in simulate mode.

Action:

Correct the situation and resubmit the job.

2735

CATALOG INFORMATION CANNOT BE RETRIEVED FOR ALTERNATE INDEX: (nnn) IN CATALOG (ccc)

Reason:

Alternate index (nnn) cannot be found in the catalog (ccc). This message is issued when attempting to archive a base cluster with alternate index associations. The base cluster's information was retrieved successfully, but CADisk cannot retrieve catalog information for the alternate index with which the base cluster is associated. This message is preceded by message 2560 detailing the nature of the catalog error.

2736

BLDINX AND NOBLDINX WERE SPECIFIED. ONLY ONE IS ALLOWED. THE DATA SET WILL NOT BE RESTORED.

Reason:

BLDINX and NOBLDINX are mutually exclusive parameters.

Action:

Select one and resubmit the request.

2737

AIXDEF AND NOAIXDEF WERE SPECIFIED. ONLY ONE IS ALLOWED. THE DATA SET WILL NOT BE RESTORED.

Reason:

AIXDEF and NOAIXDEF are mutually exclusive parameters.

Action:

Select one and resubmit the request.

2738

(nnn) IS NOT A NUMERIC PRIMARY ALLOCATION AMOUNT. THE DATA SET WILL NOT BE RESTORED.

Reason:

A non-numeric primary allocation amount of (nnn) was specified in the ALLOC, DALLOC or IALLOC parameter.

Action:

Correct the amount and resubmit the request.

2739

A NUMBER GREATER THAN 7 WAS SPECIFIED FOR THE ATTEMPTS PARAMETER. THE DATA SET WILL NOT BE RESTORED.

Reason:

The maximum value for the ATTEMPTS, DATTEMPTS or IATTEMPTS parameters is 7.

Action:

Correct the value and resubmit the request.

2740

A NUMBER GREATER THAN 32768 WAS SPECIFIED FOR THE CISZ PARAMETER. THE DATA SET WILL NOT BE RESTORED.

Reason:

The maximum value for the CISZ, DCISZ or ICISZ parameters is 32768.

Action:

Correct the value and resubmit the request.

2741

ERASE AND NOERASE WERE SPECIFIED. ONLY ONE IS ALLOWED. THE DATA SET WILL NOT BE RESTORED.

Reason:

ERASE and NOERASE are mutually exclusive parameters.

Action:

Select one and resubmit the request.

2742

A NUMBER GREATER THAN 9999 WAS SPECIFIED FOR THE "FOR" PARAMETER. THE DATA SET WILL NOT BE RESTORED.

Reason:

The maximum value for the FOR parameter is 9999.

Action:

Correct the value and resubmit the request.

2743

A NUMBER GREATER THAN 100 WAS SPECIFIED FOR THE FREESPACE PARAMETER. THE DATA SET WILL NOT BE RESTORED.

Reason:

The maximum value for the FREESPACE parameter is 100.

Action:

Correct the value and resubmit the request.

2744

IMBED AND NOIMBED WERE SPECIFIED. ONLY ONE IS ALLOWED. THE DATA SET WILL NOT BE RESTORED.

Reason:

IMBED and NOIMBED are mutually exclusive parameters.

Action:

Select one and resubmit the request.

2745

ORDER AND UNORDER WERE SPECIFIED. ONLY ONE IS ALLOWED. THE DATA SET WILL NOT BE RESTORED.

Reason:

ORDER and UNORDER, DORDER and DUNORDER or IORDER and IUNORDER are mutually exclusive parameters.

Action:

Select one and resubmit the request.

2746

REPLICATE AND NOREPLICATE WERE SPECIFIED. ONLY ONE IS ALLOWED. THE DATA SET WILL NOT BE RESTORED.

Reason:

REPLICATE and NOREPLICATE are mutually exclusive parameters.

Action:

Select one and resubmit the request.

2747

REUSE AND NOREUSE WERE SPECIFIED. ONLY ONE IS ALLOWED. THE DATA SET WILL NOT BE RESTORED.

Reason:

REUSE and NOREUSE are mutually exclusive parameters.

Action:

Select one and resubmit the request.

2748

AN INVALID NUMBER WAS SPECIFIED FOR THE SHROPTIONS PARAMETER. THE DATA SET WILL NOT BE RESTORED.

Reason:

The maximum value for the SHROPTIONS, DSHROPTIONS or ISHROPTIONS parameters is 4.

Action:

Correct the value and resubmit the request.

2749

SPAN AND NOSPAN WERE SPECIFIED. ONLY ONE IS ALLOWED. THE DATA SET WILL NOT BE RESTORED.

Reason:

SPAN and NOSPAN are mutually exclusive parameters.

Action:

Select one and resubmit the request.

2750

SPEED AND RECOVERY WERE SPECIFIED. ONLY ONE IS ALLOWED. THE DATA SET WILL NOT BE RESTORED.

Reason:

SPEED and RECOVERY are mutually exclusive parameters.

Action:

Select one and resubmit the request.

2751

AN INVALID DATE WAS SPECIFIED FOR THE "TO" PARAMETER. THE DATA SET WILL NOT BE RESTORED.

Reason:

The TO parameter requires a valid Julian date.

Action:

Correct the date and resubmit the request.

2752

THE TYPE PARAMETER SPECIFIED IS INVALID. THE DATA SET WILL NOT BE RESTORED.

Reason:

The TYPE parameter refers to the type of VSAM data set. Valid types are ESDS, RRDS or KSDS.

Action:

Specify one and resubmit the request.

2753

UNIQUE AND SUBALLOC WERE SPECIFIED. ONLY ONE IS ALLOWED. THE DATA SET WILL NOT BE RESTORED.

Reason:

UNIQUE and SUBALLOC are mutually exclusive parameters.

Action:

Select one and resubmit the request.

2754

WRITECHK AND NOWRITECHK WERE SPECIFIED. ONLY ONE IS ALLOWED. THE DATA SET WILL NOT BE RESTORED.

Reason:

WRITECHK and NOWRITECHK, DWRITECHK and DNOWRITECHK or IWRITECHK and INOWRITECHK are mutually exclusive parameters.

Action:

Select one and resubmit the request.

2755

IDCxxxxx (message text issued by IDCAMS)

Reason:

The message text is created by IDCAMS, which CADisk has intercepted and routed to its message output report.

Action:

See the appropriate IBM message guide for a description and problem resolution of the IDCxxxxx message.

2756

****CAUTION** THE FOLLOWING BASE CLUSTER ORIGINALLY HAD ALTERNATE INDEX ASSOCIATION(S). THE ALTERNATE INDEX(ES) WERE NOT RESTORED BECAUSE OF USER OPTIONS SPECIFIED FOR THE RESTORE. BASE CLUSTER NAME = (ddd)**

Reason:

CADisk has restored cluster (ddd), which originally had alternate indexes associated with it. Because of user options in effect, however, CADisk has not restored the alternate indexes for this cluster. This was caused either by the parameter NOAIXDEF being specified on the RESTORE or RECOVER command, or because sysparm VSAIXDEF was specified as N.

2757

CATALOG HIGH USED RBA WAS (nnn) OLD HIGH USED RBA WAS (xxx) FOR DATA/INDEX COMPONENT

Reason:

Informational message indicating a VERIFY was done for the data set and the high used RBA changed for the data or index component.

2758

INVALID VALUE SPECIFIED FOR SYSPARM RLSESECR; MUST BE EITHER A, Z OR N

Reason:

Specify this sysparm to indicate which secondary allocations to reset. The only allowed values are: A (ALL secondaries), Z (only those secondaries where current allocation is ZERO) or N (only those secondaries where current allocation is NON-ZERO).

2759

UNABLE TO RESET SECONDARY SPACE ALLOCATION DSN=(ddd) VOL=(vvv) RETURN CODE FROM DSCB UPDATE MODULE=(rc)

Reason:

The call to reset the DS1SCALO field of the format-1 DSCB in the VTOC for data set (ddd) on volume (vvv) failed for the following reasons. The following is a list of common DS1SCALO reason codes and their meaning:

03

Change bit not updated, F1 has changed.

05

Field name supplied is not defined.

08

F1 field or volume not found.

24

I/O error reading format-1.

2760

DATA SET NO LONGER EXISTS: DSN=(ddd), VOL=(vvv)

Reason:

Data set (ddd) no longer exists on volume (vvv). Either the data set was previously deleted, or the data set name or volume were misspelled.

2764

(aaa) IS NOT A VALID ALLOCATION TYPE

Reason:

Specify CYL, TRK or REC for allocation type and resubmit the request.

2765

PRIMARY ALLOCATION AMOUNT IS NOT GREATER THAN 0, THE DATA SET WILL NOT BE RESTORED.

Reason:

Specify a primary allocation amount greater than 0, and then resubmit the request.

2766

THE CLUSTER LEVEL ALLOCATION PARM AND THE DATA/INDEX LEVEL ALLOCATION PARM WERE SPECIFIED. ONLY ONE IS ALLOWED. THE DATA SET WILL NOT BE RESTORED.

Reason:

Specify either cluster level allocation or data and index level allocation and resubmit the request.

2768

USER NOT AUTHORIZED TO (aaa) DASD VOLUME SERIAL= (vvv), TOP SECRET DENIED ACCESS

Reason:

CADisk Top Secret support has issued the system RACHECK macro to ask CA Top Secret if the user is authorized to process a data set. CA Top Secret routines have returned a return code indicating that the user submitting the CADisk job is not authorized to process DASD volume serial (vvv) as requested. CADisk was requesting the (aaa) access level for the data set. The CA Top Secret class is VOLUME.

Action:

To process the volume, you must either be given the proper authority to do so, or have a person authorized to process the data set run the CADisk job.

2769

USER NOT AUTHORIZED TO (aaa) DSN = (ddd) ON VOL= (vvv), TOP SECRET DENIED ACCESS

Reason:

CADisk Top Secret support has issued the system RACHECK macro to ask CA Top Secret if the user is authorized to process a data set. CA Top Secret routines have returned a return code indicating that the user submitting the CADisk job is not authorized to process data set name (ddd) on volume (vvv). CADisk was requesting the (aaa) access level for the data set. The CA Top Secret class is DATA SET.

Action:

To process the data set, you must either be given the proper authority to do so, or have a person authorized to process the data set run the CADisk job.

2771

DMS WAS RETURNED AN ERROR RETURN CODE FROM THE TOP SECRET RACHECK MACRO —— ERROR CODE = (ccc) —— DSNAME = (ddd), VOLUME = (vvv), ACTION = (rrr) —— DATA SET TYPE = (ttt) CLASS = (lll) —— ACCESS DENIED DUE TO SECURITY ERROR

Reason:

System CA Top Secret routines have returned an error return code from the CA Top Secret RACHECK macro. CADisk was attempting to determine if the user was authorized to process data set (ddd) on volume (vvv). The error code with the value (ccc) was not expected.

CADisk was requesting processing for data set type (ttt). This value will be either N for non-VSAM data sets or V for VSAM clusters or components.

CADisk was requesting type (rrr) access. This value will be either R for READ access or U for UPDATE access. CA Top Secret was searching for resource class (lll).

In some cases, the data set name will not be referenced in this message. This occurs when the check was for volume access only. CA Top Secret security routines have encountered an error while attempting to determine if a user was authorized to access or update a specific DASD volume.

Action:

See the CA Top Secret documentation for the RACHECK macro to determine the cause of the error encountered. If it appears to be an internal CADisk error, contact CA Technical Support for assistance.

2772

GENCB FAILED, RC = (nnn)

Reason:

A GENCB macro failed with a return code of (nnn). This is an unexpected error which will cause CADisk to fail with a user 100 abend.

Action:

Contact CA Technical Support for assistance.

2773

CATALOG INFORMATION NOT FOUND FOR PREALLOCATED CLUSTER (nnn) IN CATALOG (ccc)

Reason:

CADisk encountered an unexpected error when it attempted to restore to preallocated data set (nnn). The original define for the cluster issued by CADisk indicated it already existed. Because sysparm VSPREDEF was specified with a Y, CADisk attempted to retrieve catalog information from catalog (ccc) for the cluster. The information cannot be retrieved, however. This message should be preceded by message 2560 indicating the exact cause of the error.

Action:

If the problem cannot be resolved, contact CA Technical Support for assistance.

2774

CLOSE FAILED, RC = (nnn)

Reason:

While attempting to close a VSAM data set after it was restored, close processing returned error (nnn). Processing CADisk subsequently issued a user 100 abend.

Action:

Contact CA Technical Support for assistance.

2775

MAXIMUM OF (nn) VOLUMES EXCEEDED FOR DATA SET (ddd)

Reason:

The maximum number of volumes, which is currently set at 59, is larger than the CADisk catalog interface can hold. This is an informational message only and the user requires no corrective action.

2776

VOLUME ALLOCATION FAILED FOR DDNAME (vvv) WHILE ATTEMPTING TO PROCESS DSN (ddd)

Reason:

An attempt was made to process data set (ddd), but needed volumes cannot be allocated. A prior message should explain the specific reason. If multivolume data sets are to be processed, a skeleton DD statement of the following format must be provided in order for CADisk to access the data set:

```
//vvvvvv   DD  DISP=SHR,UNIT=SYSDA,
//         VOL=SER=(vol1,vol2,vol3,vol4,vol5)
```

where (vvv) is the DDNAME specified in the message, and (vol1- vol5) are the names of any five real volumes in your installation. Supply the needed DD statement and resubmit the job.

2777

COMMAND REJECTED - CLUSTER AND ALTERNATE INDEX RESTORES ARE NOT ALLOWED IN THE SAME EXECUTION

Reason:

CADisk has been requested to restore a cluster that has an alternate index. However, in the same input stream was a request to restore just the alternate index itself, as a separate physical entity. This action is not allowed. By default, CADisk will define and rebuild the alternate index when the cluster is restored. alternate index is not allowed at the same time.

2778

NOT ENOUGH VOLUMES SPECIFIED ON THE (vvv) DD STATEMENT TO PROCESS (nn) VOLUMES

Reason:

A request was made to modify the named DD statement to point to the specified number of volumes. You must provide a skeleton DD statement of the following form in order for CADisk to modify it to point to the needed volumes.

```
//vvvvvv   DD  DISP=SHR,UNIT=SYSDA,
//         VOL=SER=(vol1,vol2,.........,volnn)
```

where (vvv) is the DDNAME specified in the message, and (vol1 - volnn) are the names of (nn) real volumes in your installation. Supply the needed DD statement and resubmit the job.

2779

ARCHIVE KEY=(vvv) IS MULTIPLE VOLUME; SUBSEQUENT KEYS ARE (xxx) (yyy) (zzz) (etc.)

Reason:

This message is informational only. While running RECOVER in simulate mode, CADisk determined that a particular archived data set is contained on multivolumes, with the first archive key of (vvv). CADisk archiving a data set that cannot physically fit on one tape usually causes this. If you include a list of volumes to be used in a live RECOVER, supply archive keys (xxx), (yyy), (zzz), and so on. This message appears only once for each archive needed by RECOVER.

2780

ALTERNATE INDEX (nnn) NOT RESTORED BECAUSE BASE CLUSTER (ddd) CANNOT BE FOUND

Reason:

CADisk attempted to retrieve the catalog information for cluster (ddd) prior to allocating it for BLDINDEX processing to rebuild alternate index (nnn). The catalog information was not found for the cluster, however. This message is preceded by message 2560 indicating the cause of the problem.

Action:

The error must be corrected before CADisk will restore the alternate index. If the problem cannot be corrected, restoring the cluster with the NOBLDINX parameter can circumvent it, then running the IBM IDCAMS utility for BLDINDEX. For assistance, contact CA Technical Support.

2781

ALTERNATE INDEX NAME SPECIFIED DOES NOT EXIST FOR THE INDICATED CLUSTER - AIX NOT RESTORED. AIX NAME = (aaa) BASE CLUSTER = (ccc)

Reason:

The alternate index name (aaa) was not associated with the base cluster (ccc) when the data set was archived by CADisk. This message can be issued for any of the following reasons:

- The alternate index name is misspelled.
- A new name is being specified in the AIXNAME= parameter instead of the name which was actually given the alternate index when it was archived.
- The base cluster was archived prior to the alternate index being defined for it. CADisk has no knowledge of the alternate index.
- The cluster was archived with a version of CADisk prior to Release 6.5.
- The incorrect version of the data set is being used from the Files Data Set.

2782

CLUSTER (nnn) HAD NO ALTERNATE INDEXES ASSOCIATED WITH IT — AIXNAME PARAMETER IS INVALID FOR THIS DATA SET

Reason:

Cluster (nnn) did not have any alternate indexes associated with it when the data set was archived by CADisk. This message can be issued for any of the following Reasons:

- The base cluster was archived prior to the alternate index being defined for it. CADisk has no knowledge of the alternate index.
- The cluster was archived with a version of CADisk prior to Release 6.5.
- The incorrect version of the data set is being used from the Files Data Set.

2783

VOLUME ALLOCATION FAILED, VOLUME = (vvv), RETURN CODE = (rc), DSN = (ddd)

Reason:

Volume (vvv) cannot be allocated to data set (ddd). Catalog management returned return code (rc). This message is followed by message 2546 giving an interpretive text for the error condition. This condition is most commonly encountered when restoring a cluster into a VSAM catalog (not ICF) and specifying a volume that is not owned by the catalog.

2789

NO MATCH FOUND IN TABLE FIELD NAME = (fff) IS NOT A VALID TYPE TO BE PROCESSED

Reason:

This module cannot process a numeric type field for field (fff).

Action:

Check the field type code specified in column 4 of the detail entry fields in the corresponding RPTNxxxx member of PARMLIB.

2790

A LOOP CONDITION HAS BEEN DETECTED IN THE INDEX FOR DATA SET = (ddd). RELATIVE BYTE ADDRESS OF INDEX CONTROL INTERVAL CONTAINING ERROR = (nnn).

Reason:

CADisk has detected a loop condition in the sequence set of data set (ddd). This error occurs when CADisk is attempting to retrieve the next sequence set control interval in the index, but the horizontal relative byte pointer in the index (field IXHHP) either points to itself or a previously processed sequence set control interval. The sequence set record containing the invalid pointer is in the control interval at relative byte address (nnn).

2792

RESTORE REQUEST REJECTED, CANNOT RESTORE INTO MULTIVOLUME DATA SET MANUALLY SCRATCH DATA SET AND RESUBMIT RESTORE REQUEST

Reason:

The user has attempted to restore a data set to a volume where the same data set name already existed. The already existing data set name appears to CADisk to be a multivolume data set. A CADisk restriction does not support multivolume data sets on restores. Use guide technique to scratch the data set that already exists on the volume. Then resubmit the restore request.

2793

NO CATALOG ENTRIES WERE FOUND TO MATCH DSN = (ddd) IN CATALOG = (ccc) FIND COMMAND NOT PROCESSED

Reason:

The data set name or pattern (ddd) specified on the FIND command had no matches, either in the normal catalog structure or in the indicated catalog (ccc) (if the IN CATALOG = phrase is present in this message).

Action:

Verify that the data set name or pattern is spelled correctly. If you have specified a multiple-qualifier data set name or pattern and the high-level node of the pattern specified does not have an alias pointer in the master catalog, you must specify the CATALOG parameter on the FIND command.

Note: This message sets a job condition code of at least 8. If it is not wanted to have this happen, you can change this by specifying CCDRESET. For more information, see the description of sysparm CCDRESETn in the *Systems Guide*.

2794

INSUFFICIENT WORK AREA TO DO SUPERLOCATE ON DSN = (ddd) IN CATALOG = (ccc) INCREASE THE VALUE OF SYSPARM CATLOCWA OR SPECIFY ONE MORE NON-PATTERNED DATA SET NAME QUALIFIER

Reason:

The data set pattern (ddd) specified on the FIND command is too general for CADisk to issue a superlocate. If you have more region size, increase the value of sysparm CATLOCWA. Or, if you specified a CADisk pattern name in your FIND command (such as DSN=ABC.DEF/), specify one more complete qualifier in the data set name (such as DSN=ABC.DEF./ or DSN=ABC.DEF.G/). If you cannot specify a more complete name, you must use alternatives to the FIND command.

2795

WRONG FILE NUMBER ON ARCHIVE TAPE

Reason:

The file number found in the archive block did not match the file number requested.

2796

CRITICAL ERROR WHILE READING ARCHIVE TAPE

Reason:

An error was encountered while reading the archive volume. You can use the analysis utility to determine the validity of the archive volume.

2797

RECORD LENGTH GREATER THAN MAX ALLOWED

Reason:

The archive record is longer than the maximum length allowed for that record type. You may use the analysis utility to determine the validity of the archive volume.

2798

AN INVALID RECORD TYPE WAS REQUESTED

Reason:

The record type requested was not a valid archive record type. You may use the analysis utility to determine the validity of the archive volume.

2799

THE CAT=, REALVOLS, MSVGP=, AND MSS PARAMETERS ARE MUTUALLY EXCLUSIVE. SPECIFY JUST ONE.

Reason:

A DSCL command contains more than one of the listed parameters on a single SCAN command. Multiple commands may be entered, but each must specify only one of the listed parameters. Correct the invalid command and resubmit the requests.

Messages 2800-2899

2801

TECHNIQUE NUMBER IS NOT 0 - 9 OR A - F

Reason:

The compression technique number specified in sysparm DCCOMPTC or the technique number passed through user exit DCDSNDEX is incorrect.

2802

NO COMPRESS MODULE NAME FOR TECHNIQUE (nn) 2802 NO DECOMPRESS MODULE NAME FOR TECHNIQUE (nn)

Reason:

No compress or decompress module name is specified in sysparm DCCMPEXn/DCDCPEXn for technique number (nn).

2803

(xxx) COMPRESSION INCLUSION TABLE NOT FOUND(xxx) COMPRESSION EXCLUSION TABLE NOT FOUND

Reason:

The compression inclusion or exclusion table (xxx) set through sysparms DCINCTBL or DCEXCTBL was not found in the PARMLIB data set.

2804

RECORD SIZE LONGER THAN SYSPARM IOMAXREC ALLOWS. RECORD SIZE = (nnn)

Reason:

Your installation has set a maximum allowable record size for CADisk processing by specifying sysparm IOMAXREC. CADisk issues this message at two different times: during backup processing or when running the Archive Tape Analysis Utility.

During backup processing, CADisk has encountered a data set that is greater than the maximum allowed by IOMAXREC. CADisk bypassed the data set, which has a record size of (nnn). The data set name is listed in an accompanying message.

Action:

To back up this data set, specify sysparm IOMAXREC with a value of (nnn) or higher, and run the backup job again.

During Archive Tape Analysis, CADisk has encountered an archive record block with an LRECL greater than the maximum allowed by the current IOMAXREC value. The LRECL of this archive record block was set when it was archived according to a lesser IOMAXREC value then in use. This message is followed by a user 100 abend.

Action:

Specify sysparm IOMAXREC with a value of (nnn) or higher and run the job again.

2805

COMPRESSION PERCENT = (nnn) FOR DSN = (ddd)

Reason:

This is the informational message giving the compression percent (nnn) for data set name (ddd).

2806

COMPRESSION STATISTICS FOR COMPRESSED DATA SETS ON THE ARCHIVE VOLUME COMPRESSION PERCENT = (nnn) FOR ARCHIVE VOL = (vvv), ARCHIVE DSN = (ddd), ORIGINAL SIZE = (nnn) COMPRESSED SIZE = (ccc)

COMPRESSION STATISTICS FOR ALL DATA SETS ON THE ARCHIVE VOLUME COMPRESSION PERCENT = (nnn) FOR ARCHIVE VOL = (vvv), ARCHIVE DSN = (ddd), ORIGINAL SIZE = (nnn) COMPRESSED SIZE = (ccc)

Reason:

These compression statistics are issued at the end of each archive volume. The second is issued only if there were uncompressed data sets on the archive volume. The size is in bytes.

2807

GOOD COMPARISON FOR PROFILE DATA SET NAME=(ddd)

Reason:

The RACF profile comparison check has determined that the CADisk RACF profile RACFENCD records in the Files Data Set correspond to the profile being kept in the user's RACF data set for (ddd). This is an informational message only and indicates a normal condition.

2808

MISSING RACFENCD RECORD FOR PROFILE=(ddd)

Reason:

CADisk has found that RACF profile (ddd) exists in the user's RACF profile data set, but no corresponding record exists in the RACFENCD subfile of the Files Data Set. This is an error condition. The profile in the RACF data set will never be used by CADisk and needs to be cleaned up. It is not associated with any known data set.

2809

DMS RACF PROFILE = (ddd) HAS BEEN DELETED FROM THE RACF PROFILE DATA SET.

Reason:

As part of cleanup processing, profile name (ddd) has been deleted from the user's RACF profile data set. The profile was not associated with any archived data set.

2810

MISSING RACF PROFILE FOR ARCHIVE DATA SET PROFILE DATA SET NAME=(ddd) DSNINDEX RECORD DATA SET NAME=(nnn)

Reason:

CADisk has determined that a RACF profile for archived data set (nnn) is not present in the user's RACF profile data set (ddd). This condition will prevent a data set from being restored when the CADisk RACF interface is active.

The RACF indicator for the data set needs to show the data set is RACF-protected but that CADisk does not have a current profile for it.

2811

DSNINDEX RECORD FOR RACFENCD RECORD NOT FOUND

Reason:

CADisk was in the processing of removing a RACFENCD record from the subfile of the Files Data Set. Along with this process, CADisk must also change the DSNINDEX record for the data set to indicate that the archived data set does not have an associated CADisk RACF profile saved for it. CADisk was unable to locate the proper DSNINDEX record to update.

This is an informational message only. The RACFENCD record is deleted and since it was not associated with a valid DSNINDEX record, no additional processing is required.

2813

RACF BIT IN DSNINDEX RECORD NOT SET ON

Reason:

Profile verification processing has found a DSNINDEX record in the Files Data Set that should have the RACF indicator bit set on in the flags field but does not. Subsequent processing may correct the error.

2814

RACF BIT SET ON IN DSNINDEX RECORD

Reason:

The CADisk RACF profile correction utility has set the RACF bit on in a DSNINDEX record in the Files Data Set. This was done because a profile existed for the data set. This now allows the data set to be restored with the CADisk-saved profile.

2815

DSNINDEX RECORD RACF BIT SET OFF

Reason:

The CADisk RACF profile correction utility has set the RACF bit on in a DSNINDEX record in the Files Data Set. This was done because no CADisk-saved profile actually existed for the archived data set.

Action:

If the data set is subsequently restored, it will still be RACF-protected but either the CADisk model profile will be used for it or it will not have a profile. One may need to be manually defined for it.

2816

RACFENCD RECORD DELETED

Reason:

The CADisk RACFENCD record in the Files Data Set was deleted either because there was no RACF profile for the data set or no archived data set with which to associate the RACFENCD record.

2817

SCRATCH PARAMETER IS NOW OBSOLETE SEE DMS DOCUMENTATION FOR DETAILS

Reason:

The user has specified the SCRATCH parameter on the billing accumulate command and it is no longer supported. Processing continues but the specification of this parameter has no effect.

The scratch parameter was once used to indicate how data sets that were scratched and recreated during a billing cycle were handled. The current version has no need for this sysparm because the code has been changed to handle them in a proper way in all cases. Data sets that are scratched and recreated during a billing cycle are only charged for the actual time they existed on DASD.

2818

EXEMPVOLS PARAMETER IS NOW OBSOLETE SEE DMS DOCUMENTATION FOR DETAILS.

Reason:

The EXEMPVOLS command parameter has been specified on the billing accumulate command. CADisk no longer needs this parameter. See message 2817 for more details.

2819

NO BILLING PERIOD DATE ENTRIES MATCH THE SPECIFIED BILLING PERIOD.

Reason:

You have specified the BMEMBER= command parameter on the billing accumulate command but CADisk was unable to find a billing begin date based on the current date and the values found in the member name of PARMLIB specified in the BMEMBER parameter.

Action:

Check the member for errors.

Note: For more information, see the description of parameter BMEMBER= in the section ACCUMULATE Command in the *User Guide*.

2820

ENTRY NUMBER (nnn) IN PARMLIB MEMBER (mmm) CONTAINS AN INVALID DATE VALUE OF ENTRY IN ERROR IS (ddd)

Reason:

Member (mmm) specified in the BMEMBER command contains an entry with an invalid date. The value of the entry is (ddd). Correct the entry in error and rerun the billing step. The entry must contain a valid date in either Gregorian or Julian format.

2823

CATALOG = (ccc) NOT BACKED UP, UNABLE TO RETRIEVE CATALOG INFORMATION.

Reason:

Catalog (ccc) cannot be backed up. The locate for the catalog failed. Verify catalog name is spelled correctly. See previous messages from ADSVS032 or ADSVS033 to determine other errors.

2824

CATALOG = (ccc) NOT BACKED UP. IT IS NOT AN ICF CATALOG.

Reason:

Catalog (ccc) will not be backed up as it is not an ICF catalog.

2825

CATALOG = (ccc) NOT BACKED UP. CATALOG VOLUME = (vvv) NOT AVAILABLE.

Reason:

Catalog (ccc) will not be backed up. An attempt to retrieve the format-4 DSCB for volume (vvv) failed.

2826

THE BACKUP PARAMETER IS VALID ONLY WHEN SCANNING AN ICF CATALOG

Reason:

The parameter BACKUP is not valid without the SCAN command. Resubmit the job with the SCAN command.

2827

CATALOG CANNOT BE RECOVERED USING ANY OTHER COMMAND EXCEPT RECOVER

Reason:

A catalog name was entered on a restore request and cannot be honored. If the catalog is needed, use the RECOVER command.

2828

INVALID VALUE SPECIFIED FOR ICATALOGS = (x) CORRECT THE COMMAND AND RESUBMIT.

Reason:

An invalid value of (x) was specified for ICATALOGS. Allowable values are NO, YES and ONLY.

2829

INVALID VALUE SPECIFIED FOR DEFALIAS = (x) CORRECT THE COMMAND AND RESUBMIT.

Reason:

An invalid value of (x) was specified for DEFALIAS. Allowable values are NO and YES.

2830

INVALID VALUE SPECIFIED FOR EXPORTF = (x) CORRECT THE COMMAND AND RESUBMIT.

Reason:

An invalid value of (x) was specified for EXPORTF. Allowable values are NO and YES.

2831

MASTER CATALOG NAME CANNOT BE RETRIEVED CATALOG = (ccc) NOT RECOVERED

Reason:

The master catalog name cannot be retrieved for the catalog (ccc). The catalog was not recovered.

2832

DMS RECORD TOTAL LESS THAN CATALOG VALUE FOR DSN (ddd) CATALOG TOTAL = (nnn) DMS TOTAL = (ttt)

Reason:

After reading data set (ddd), CADisk compared the total number of records it read against the record total found in the catalog. The value found in the catalog is greater than the number of records actually read. The mismatch is probably due to an incorrect total in the catalog. This is especially true for IMS-type data sets which do not go through standard close and therefore do not have accurate statistics in the catalog.

Action:

This discrepancy should be viewed with caution since it may be an indication of lost data. If you are suspicious of a particular CADisk total, run a different utility (such as IDCAMS PRINT) to determine the number of records it reads in the data set. If this total is different from the CADisk total, contact CA Technical Support for assistance.

This message is strictly informational in nature, and can be suppressed with sysparm VSMSGWRNN. No further action is required.

2833

MULTIVOLUME DATA SET (ddd) ON VOLUME (vvv) CANNOT BE PROCESSED. CATALOG INDICATES DATA SET IS CATALOGED TO THE FOLLOWING: VOLUME SEQUENCE NUMBER (nn1) IS VOLUME (vv1)VOLUME SEQUENCE NUMBER (nn5) IS VOLUME (vv5)

Reason:

CADisk encountered an error while trying to process multivolume data set (ddd). Data set (ddd) was found on volume (vvv), but when the catalog was searched, it indicated that this data set is cataloged to other volumes, (vv1 to vv). Multivolume data set (ddd) is probably an uncataloged data set with the same data set name as the one found in the catalog. Processing for this data set name is bypassed.

The cataloged data set with the same data set name may or may not be a multivolume data set. The second part of the message will indicate this through the volume sequence numbers (maximum of 5).

2834

***** WARNING *** MAXIMUM RECORD LENGTH EXCEEDED FOR A SPANNED RECORD - DSN = (ddd) BEGINNING RECORD RBA = (nnn) CURRENT CI RBA = (ccc)**

Reason:

CADisk has encountered a spanned record in data set (ddd) that exceeds the maximum record length specified in the catalog for this data set. The first control interval containing the record is at an RBA address of (nnn), and the current control interval begins at RBA address (ccc). This message is informational in nature and does not affect CADisk processing, but it may indicate that the data set has internal damage. Attempt to read the cluster with another utility, such as IDCAMS PRINT. If the data set cannot be read, it should either be fixed or restored to a previous version. Note that RBA values are hexadecimal.

2835

***** WARNING *** NON-SPANNED RECORD FOUND BEFORE END OF PREVIOUS SPANNED RECORD - DSN = (ddd). BEGINNING SPANNED RECORD RBA = (nnn). CURRENT CONTROL INTERVAL RBA = (ccc).**

Reason:

CADisk has just read a control interval for data set (ddd) beginning at RBA (ccc), which contains non-spanned records. However, CADisk was expecting to find a continuation (or end) of a spanned record, which began in the control interval at relative byte offset (nnn) in the data set. This condition is probably caused by a damaged data set and should be investigated at once.

Action:

Attempt to process the cluster using some other utility, such as IDCAMS PRINT. If the cluster cannot be read, it should be restored to a previous version.

2836

***** WARNING *** FIRST PORTION OF SPANNED RECORD NOT RETRIEVED YET - DSN = (ddd). INTERMEDIATE OR LAST SPANNED RECORD BEING PROCESSED IS AT RBA = (nnn)**

Reason:

CADisk has encountered a control interval for data set (ddd) at relative byte address (nnn), which is marked as an intermediate or last portion of a spanned record. However, the control interval containing the first portion of the record was never found. The data set is damaged and will probably need to be restored. Refer to message 2835 for more information.

2837

PREVIOUS SPANNED RECORD NOT COMPLETE FOR DSN (ddd) LAST SPANNED RECORD BEGAN AT RBA = (rrr) NEW SPANNED RECORD STARTS AT RBA = (nnn)

Reason:

CADisk has encountered a control interval for data set (ddd) at relative byte address (nnn) which is marked as the first portion of a spanned record. However, CADisk never received the control interval containing the last portion of a previous spanned record, which started at RBA (rrr). The data set is probably damaged and will need to be restored.

Action:

See message 2835 for more information.

2838

INVALID RECORD LENGTH OF (nnn) FOUND - DSN = (ddd) DUMP OF CONTROL INTERVAL CONTAINING ERROR FOLLOWS.

Reason:

CADisk has encountered a record length of zero, or a record length, which is larger than the maximum record size, specified in the catalog for data set (ddd). This error probably indicates that the data set is damaged. The control interval containing the damaged record is printed immediately following this message. If the data set cannot be read by other utilities such as IDCAMS PRINT, it will probably have to be restored to an earlier version, unless the control interval can be zapped to its proper values.

2839

AN OUT-OF-SEQUENCE KEY HAS BEEN DETECTED IN DSN = (ddd) PREVIOUS KEY = (ppp) CURRENT KEY = (ccc) DUMP OF CI/RECORD CONTAINING ERROR FOLLOWS

Reason:

CADisk has encountered key-sequenced data set (ddd) that has at least one record out of key sequence. The first 50 characters of each key are printed in hexadecimal format following the message. In addition, a dump of the current control interval (if processing using control interval access) or the current record (if using standard access methods) being processed when the error was detected is printed after the message. CADisk may or may not stop processing, depending on the sysparms in effect at your installation.

If CADisk is allowed to continue processing, no records will be lost on the archive medium, but if the data set must be restored from this version, non-conventional restoration procedures may be required (such as an extract, sort, and then REPRO using IDCAMS).

Action:

In order to fix the data set, you should use the REPRO facility of IDCAMS to make a copy of the cluster. This data set should then be sorted according to the key of the cluster (and its offset). The sorted data set should then be REPROed back into the original cluster.

2840

MAXIMUM NUMBER OF OUT-OF-SEQUENCE KEYS HAS BEEN EXCEEDED FOR THE DATA SET

Reason:

CADisk attempted to restore the data set, but it encountered more out-of-sequence key errors for the data set than is allowed by sysparm VSSEQCNT (default value is zero errors).

Action:

Either the value must be increased for this sysparm (meaning some records will not be loaded in the cluster), or the procedure outlined under message number 2545 must be followed to restore the data set.

2841

***** WARNING *** RECORD NOT LOADED BECAUSE OF SYSPARM VSSEQCNT - PROCESSING CONTINUING FOR DSN (ddd)**

Reason:

While restoring VSAM cluster (ddd), CADisk received an error return code from VSAM indicating an out-of-sequence key in the cluster being restored. Because a value other than zero was specified for the sysparm, CADisk ignored the error condition and continued with the restore operation. Note that the record must be loaded manually in the cluster after the restore is complete. If the maximum number of sequence errors is exceeded for the data set, this message will be followed by message 2840 indicating the restore has failed.

Action:

See message 2545 for alternate methods of restoring the data set.

2843

TRKS/CYL OVERFLOW FOR ISAM DATA SET (ddd) IS GREATER THAN 127, THE MAXIMUM SUPPORTED BY DMS. THE VALUE HAS BEEN SET TO 3 FOR THE ARCHIVE COPY.

Reason:

The VTOC entry for ISAM data set (ddd) specifies a value for the number of tracks per cylinder in the cylinder overflow area that exceeds the maximum supported by CADisk. It has been set to a value of 3 in the DSNINDEX record for the archive copy.

2844

INVALID OPTION SPECIFIED FOR RACFBKUP SYSPARM OPTION SPECIFIED WAS = (x) VALID OPTIONS ARE N, Y OR F

Reason:

An invalid option of (x) was specified for the sysparm RACFBKUP. Valid options are listed. Because an invalid specification of this sysparm can be disastrous, the job was terminated with an abend. Correct the sysparm and restart the job.

2845

UNABLE TO REPLACE UPDATED RACFENCD RECORD, RC=(n)

Reason:

CADisk tried to update a record in the RACFENCD subfile of the CADisk Files Data Set but cannot. As this indicates a serious problem, the job was abended. Ensure that the Files Data Set still exists, is accessible and has not been destroyed. Run a CADisk files status report to determine the state of the Files Data Set. It can be full. After the problem has been determined and corrected, resubmit the job.

2847

ERROR RETRIEVING F4 FOR VOL=(vvv), DM367 RC=(nn) DATA SET (ddd) WILL BE BYPASSED

Reason:

The format-4 DSCB cannot be retrieved for volume (vvv). Data set (ddd) will be bypassed for selection and accumulation in billing for this job. The values for the return code are:

- 4 - volume not online
- 8 - format-4 obtain error
- 12 - MS dynamic allocation error

2848

NO RECORD IN VTOC AT CCHH=(cchh), VOL=(vvv) PROCESSING WILL CONTINUE WITH NEXT TRACK

2848

NO RECORD IN VTOC AT CCHH=(cchh), UNIT=(uuu) PROCESSING WILL CONTINUE WITH NEXT TRACK

Reason:

An empty track was found at the CCHH (cchh) in the VTOC on volume (vvv) or the offline unit (uuu). The track is skipped and processing continues with the next track.

Action:

None. This is an informational message.

2849

AN ERROR WAS ENCOUNTERED WHILE ATTEMPTING TO LOAD THE REPORTNM TABLE

Reason:

The report name table used in the standard non-VSAM reporting functions cannot be loaded. A previous message should explain the nature of the error and the corrective action required.

2850

ONE OR MORE OF THE FOLLOWING PARAMETERS MUST BE SPECIFIED ON THE REPORT COMMAND: CIA, CLDATA, DSINDX, DSUTIL, ISAMDS, MAPPER, MEMBER, MVDICT, PDSTAT, POCCHH, PODUMP, POTTRD, POXREF, PO1REF, PO2REF, SVDICT, SPFRPT=

Reason:

These parameters supply report name requests to CADisk. You must specify at least one of them on the REPORT command.

2851

REPORT NAME (xxx) IS NOT VALID NOT FOUND IN REPORTNM TABLE

Reason:

Report name (xxx) cannot be found in the REPORTNM table of PARMLIB.

Action:

Verify the spelling of the report name.

2852

THE RPT= PARAMETER CANNOT BE SPECIFIED ON THE SAME REPORT COMMAND AS EITHER NVSAMRPT= OR SPFRPT=

Reason:

The RPT= parameter is used for specifying VSAM reports which are generated from VSAM or ICF catalogs. The NVSAMRPT= and SPFRPT= parameters, however, are produced as a result of scanning a volume's VTOC and reporting on DSCB information. Because of the conflicting sources of these reports, it is invalid to combine them on a REPORT command.

Action:

Separate REPORT commands must be supplied after a SCAN REAL and SCAN CATALOG= command.

2854

ONLY THE REPORT COMMAND IS VALID WHEN SCANNING MSS OR REAL VOLUMES. SCAN COMMAND NUMBER = (CMDnnn) NON-REPORT COMMAND NUMBER = (CMDnnn)

Reason:

The only command supported currently for VTOC scans is the REPORT command. Other commands may become available in future releases of CADisk. The command numbers correspond to the values, which are printed on the CMDPRINT report echoing the input command statements.

2856

VOLUME (vvv) NOT FOUND ONLINE FORMAT-4 APPENDAGE NOT UPDATED

Reason:

Volume (vvv) was not found online and therefore the following CADisk format-4 DSCB appendage areas cannot be inserted: volser at +148, unit address, submodule, device class, UCBSTAT, UCBSTAB.

2858

VOLUME COUNT LESS THAN 1 OR GREATER THAN 20

Reason:

The volume count passed to the module ADSVS063 was less than 1 or greater than 20.

2859

SELECT COMMANDS MUST SPECIFY A VOLUME LIST, ENTER THE VOLUMES= PARAMETER ON SELECT COMMAND (CMDnnnn)

Reason:

You must specify a volume list on the SELECT command in order to limit the number of volumes that will be scanned. If you want all volumes to be scanned, specify VOL=/. This requirement can be made optional by specifying sysparm VOLSELRE with a value of N.

2860

PROCESSING STARTED FOR OFFLINE UNIT = (uuu)/(vvv) PROCESSING STARTED FOR VOLUME = (vvv) TOTAL VOLUMES PROCESSED = (nnn)

Reason:

The first line of this message prints when volume (vvv) has been selected for processing and the scan of the volume's VTOC is about to start. The second line of this message prints when offline unit (uuu), which contains volume (vvv), has been selected for processing by offline VBACKUP. The printing of these lines can be suppressed by specifying sysparm DLVOLMSG with a value of N. The third line prints when processing has completed for all volumes, and is not governed by the sysparm.

Action:

None. This is an informational message.

2861

RELATIVE RECORD # (rrr) EXCEEDS THE MAXIMUM RECORD SIZE OF 32760 BYTES. THE RECORD WILL BE SPLIT INTO SMALLER RECORDS.

Reason:

This informational message is issued when, during CADisk extract processing, a record is encountered that has a length greater than QSAM's maximum size of 32,760 bytes. To allow processing to continue, the record will be split into smaller records, each no larger 0 than 32,760 bytes, until all the records can fit into the sequential file.

2863

DSN = (ddd) CANNOT BE ALLOCATED ON VOL = (vvv) DATA SET BLOCK SIZE = (nnn), TRACK SIZE = (ttt)

Reason:

Data set (ddd) cannot be allocated on volume (vvv) because its block size (nnn) was larger than the volume's track size (ttt).

2865

VOL = (vvv) NOT FOUND IN A TAPE POOL, HENCE NOT UPDATED AS IN-USE

Reason:

Tape pool support was specified and volume (vvv) cannot be found in any tape pool. It must be added to the correct tape pool as an in-use volume.

2866

USING (vvv) VTOC READER

Reason:

CADisk is using the slower OBTAIN MACRO or BSAM VTOC readers instead of the faster EXCP VTOC reader. CADisk processing time may be significantly lengthened.

Action:

Note: For more information, see the description for sysparm VTOCREADe in the *Systems Guide*.

2867

INVALID CHARACTER SPECIFIED IN EDIT PATTERN

Reason:

The following is a list of valid characters for pictures (patterns):

Z

For zero suppress (that is, significant digits will be displayed, but leading zeros will be suppressed).

9

For digit indicators with leading zeros not being suppressed.

$

For dollar sign fill character.

,

Comma.

.

Decimal point.

2868

ILLEGAL FIRST CHARACTER SPECIFIED IN EDIT PATTERN. FIRST CHARACTER MUST BE "9", "Z", "$", or "." (DECIMAL POINT).

Reason:

This is an informational message.

2869

DATA SET WAS PREVIOUSLY CATALOGED TO THE RESTORE VOLUME BUT DEVICE TYPE IN CATALOG DIFFERS; RECATALOGED TO UPDATE DEVTYPE - FIELD IN CATALOG. DSNAME=(ddd)

Reason:

CADisk detected that data set (ddd) was previously cataloged to the restore volume but the device type in the catalog's entry is different from that of the volume's entry. The data set is recataloged to reflect the device type of the volume.

This recatalog can occur on data sets that were previously archived and scratched but not uncataloged from a volume which was later assigned to a device of a different type; for example, TSO001 was once a 3350 but is now a 3380.

2870

INVALID KEY (kkk) RETURNED. RETRIEVING NEXT AVAILABLE ARCVOLID ENTRY.

Reason:

CADisk has encountered invalid key (kkk) in the ARCHVOLS file. CADisk will retrieve the next valid ARCVOLID and generate a unique key. The user should, however, attempt to determine the nature of the invalid key residing in the ARCHVOLS file and correct it.

2871

NO MORE ARCHVOLS ID PATTERN CHARACTERS AVAILABLE.

Reason:

This is one of those messages you should never get, since CADisk has the capability of generating 800,000 unique ARCHVOLS keys. If you have received this message, here is what has happened and some possible solutions:

Each time CADisk is asked to generate a unique key, it first retrieves the lowest entry in the ARCHVOLS subfile using the current ID character. CADisk generates unique keys by using the first valid ID character supplied in sysparm ARCVOLID and, starting with 99999 and decrementing by 1 for each subsequent request, generates a key. For example,

```
99999, )99998, )99997 ... )0000
```

When the 00000 entry has been generated, CADisk retrieves the next ID character from sysparm ARCVOLID and begins again from 99999 generating unique keys. For example,

```
%99999, %99998, %99997 ... %0000
```

If you receive this message, it implies that CADisk has generated a 00000 key entry for every valid ARCVOLID character supplied. Possible solutions are:

- Run MERGE and write some of your archived data sets to tape, thus freeing up some of the unique keys.
- Supply additional ID characters through sysparm ARCVOLID. Note: Valid ID characters are non-alphanumeric characters except CADisk pattern characters ('/', '*' '!' and '?').

2872

INVALID CHARACTER ENCOUNTERED IN ARCVOLID SYSPARM. CHARACTER IS BEING BYPASSED.

Reason:

Values supplied in sysparm ARCVOLID may not be CADisk pattern characters ("/", "*", "!", nor "?") nor may they be alphanumeric. CADisk will bypass the invalid character and select another, but the invalid character should be changed to a valid one to ensure the availability of the maximum number of unique key possibilities.

2873

THE PARAMETER CMDGENMBR= CANNOT BE SPECIFIED WITHOUT THE CMDGENDSN= PARAMETER

Reason:

The command generation data set must be sequential. A PDS is not supported.

2874

INVALID DSORG FOR COMMAND WORK DATA SET. MUST BE DEFINED AS SEQUENTIAL - DSN = (ddd)

Reason:

CADisk has determined that data set (ddd) is something other than physical sequential (PS) in format. The data set was specified in the CMDGENDSN= parameter.

Action:

Specify another data set, which does have a data set organization of PS or remove the parameter.

2875

OPEN FAILED FOR COMMAND WORK DATA SET, DSN = (ddd)

Reason:

CADisk has detected an error while trying to open the command generation work data set (ddd). The exact cause of the error is detailed in another message.

Action:

Correct the error in this data set, specify a different work data set name or remove the CMDGENDSN= parameter from the command.

2878

ISPF REPORT DEFINITION DATA SET CANNOT BE ALLOCATED, DSN = (ddd)

Reason:

Data set (ddd), which contains the ISPF report definition, cannot be allocated. The cause of the allocation error is printed in another message.

Action:

See the allocation error message for problem resolution. The ISPF reports cannot be generated as long as the error condition exists.

2879

ISPF REPORT DEFINITION DATA SET IS WRONG DSORG - MUST BE A PARTITIONED DATA SET, DSN = (ddd)

Reason:

Data set (ddd), which has been supplied for the ISPF report definition library, is not defined as a partitioned data set. Either the wrong data set name was supplied directly on the command through the SPFDSNAM= parameter, or it was improperly specified in sysparm SPFDSNAM.

Action:

Supply the correct name and rerun the job.

2880

ISPF REPORT DEFINITION DATA SET CANNOT BE OPENED MBR=(mmm), DSN=(ddd)

Reason:

Report definition member (mmm) cannot be opened for processing. The reason for the error is detailed in a subsequent error message. The report name was probably misspelled, or the report name exists in the $INDEX member of data set (ddd) but the PDS does not have a member name of R$mmm (where mmm is the 1- to 6- character name in the message text).

2881

ISPF REPORT DEFINITION TABLE SIZE EXCEEDED

Reason:

An in-core table has exceeded its maximum capacity. Field MAXCOUNT in ADSDM608 controls the table size.

Action:

To increase the size of this table, contact CA Technical Support for assistance.

2882

THE FOLLOWING ISPF REPORT NAME CANNOT BE FOUND IN THE ISPF REPORT DEFINITION DATA SET: REPORT NAME=(rrr) ISPF REPORT DEFINITION DSN=(ddd)

Reason:

Report name (rrr) was not found in the $INDEX member of the report definition data set (ddd).

Action:

Verify that both the correct member and data set name were specified.

2883

ISPF REPORT DEFINITION DATA SET HAS AN INVALID RECORD LENGTH - MUST BE 200 OR LESS, DSN=(ddd)

Reason:

The report definition data set (ddd) has an invalid record length. Either the wrong data set name has been supplied or it was not created using standard CADisk utilities. The proper record length is 200.

2884

IF THE MI CONTROL STACK IS BEING MAINTAINED, THE PREVIOUS MESSAGE WAS ISSUED BY MODULE (mmm).

Reason:

In Release 7.0, all modules that issued messages by calling program ADSDM190 were changed to call ADSDM590 instead. At this same time, the module name to be printed in the message itself was inserted as the first parameter in the list; that is, it precedes all of the parameters previously being passed to ADSDM190.

Prior to Release 7.0, the module name to appear in the message was automatically retrieved through the MI control stack. Due to a performance improvement to MI, the control stack is no longer maintained unless a DD statement starting with MTF is present in the JCL for the step being executed.

Action:

This message should appear only if a user-written program is using ADSDM190 to print messages. If you want to get rid of this warning message, change your program to call ADSDM590 instead of DM190.

Note: For instructions on changing your program to call ADSDM590 instead of DM190, see the section Message Formatting in the *Systems Guide*.

2885

NO JFCB WAS FOUND FOR DDNAME = (ddd)

Reason:

DDNAME (ddd) passed as input to this module was not specified in the JCL and therefore no volume list can be built. The RDJFCB has returned an initialized JFCB with no volumes specified.

2888

DMS IS UNABLE TO CHAIN ARCHVOLS RECORDS. (kkk) IS EITHER AN INVALID KEY OR IT ALREADY EXISTS IN THE ARCHVOLS SUBFILE.

Reason:

CADisk is attempting to build and chain ARCHVOLS records from the list of volumes created by chaining through the JFCB and JFCB extensions. When CADisk tried to insert the newly created ARCHVOLS record, it found that a record with key (kkk) already exists or the key is invalid.

Action:

For problem determination and recovery, see the section Repair Archvols (REPARCH) Utility in the *Systems Guide*.

2889

USER EXIT (xxx) NOT INVOKED. RETRIEVAL OF ARCHVOLS RECORD FAILED.

Reason:

CADisk encountered an error when it attempted to retrieve sequence number one of the ARCHVOLS record being processed. The job will not abend, but user exit (xxx) will not be invoked.

2891

FILES DATA SET IS ON UNSUPPORTED DEVICE. CORRECT AND RESUBMIT.

Reason:

CADisk does not support the Files Data Set on the device type being used.

Action:

Move the Files Data Set to a different device type and resubmit the failing job.

2892

CAPACITY REQUEST OF (nnn) RECORDS FOR SUBFILE=(fff) NOT SUPPORTED FOR BLKSIZE=(bbb). INCREASE THE BLKSIZE AND/OR REDUCE THE CAPACITY REQUESTED. USER 200 ABEND BEING ISSUED.

Reason:

The maximum number of records specified in the FILEDEFN member of your PARMLIB data set is too large for the physical block size being used for the Files Data Set.

Action:

Reduce the capacity value of (nnn) within the FILEDEFN member before attempting to format the Files Data Set again.

Note: For more information, see the section Logical Index Block in the *Systems Guide*.

2893

CLUSTER DELETION BEING RETRIED WITH NOSCRATCH OPTION

Reason:

A delete request was attempted for a VSAM cluster, but it failed because the format-1 DSCB was not present. CADisk was instructed to retry the delete attempt with the NOSCRATCH option of delete.

Note: For more information, see the description of sysparm VSNOSCROn in the *Systems Guide*.

Action:

None, this is an informational message.

2894

ERROR OCCURRED WHILE TRYING TO REPLACE ARCHVOLS RECORD. RECORD NOT FOUND FOR KEY = (kkk).

Reason:

This message indicates that sometime between the time the ARCHVOLS record was retrieved and the execution of this job, the record for key (kkk) had been deleted. This condition should not occur.

2895

VERSION PARAMETER IS INVALID FOR THE SUBFILE = (fff)

Reason:

The version parameter is not allowed for subfile (fff) selected in the dump command.

2896

VERSION REQUESTED IS GREATER THAN THE OLDEST VERSION FOR DATA SET NAME = (ddd)

Reason:

The version requested in the version parameter is greater than the oldest version that is in the DSNINDEX subfile for data set (ddd).

Action:

Decrease the version number specified in the parameter in the command and resubmit the job.

2897

RECORD REQUESTED NOT FOUND, SUBFILE = (fff), KEY = (kkk)

Reason:

A record for key (kkk) cannot be found in subfile (fff).

Messages 2900-2999

2901

RACF CVT ADDRESS NOT FOUND RACF NOT ACTIVE ON THE SYSTEM

Reason:

CADisk tried to locate the RACF CVT address to determine system-dependent information critical to CADisk. CADisk did not find it, which indicates the CADisk RACF support is trying to execute in a non-RACF shop.

Action:

Turn off the CADisk RACF support.

2902

A CRITICAL ERROR WAS ENCOUNTERED WHILE READING THE ISPF REPORT DEFINITION DATA SET: MEMBER NAME=(mmm) ISPF REPORT DEFINITION DSN=(ddd)

Reason:

A critical error kept CADisk from reading the report definition data set (ddd). Refer to the subsequent message for a detailed description of the problem.

Action:

Correct the error and rerun the job.

2903

(xx) TYPE IS INVALID FOR SYSPARM=ARC0TYPE (or) (xx) TYPE IS INVALID FOR SYSPARM=ARCCTYPE

Reason:

A value of (xx) has been specified for the indicated sysparm, but is invalid. A user 200 abend is issued to terminate processing after this message is given.

Action:

Correct the sysparm value and resubmit the job.

Note: For a list of proper values, see the description of sysparm ARC0TYPEtape in the *Systems Guide*.

2904

ARCHIVE DATA SET NAME PREFIX EXCEEDS MAXIMUM OF 22 CHARACTERS

Reason:

Sysparms ARC0NAME, ARCCNAME, MERPnNAM, MERCnNAM, or MERTnNAM (or, if specified, the DSN parameters from the //ARCHIVE0, //ARCHIVEC or //ARCHIVEn DD statements) provide one or more high-level index names to be used when building a data set name. For archives on disk, CADisk always appends 22 characters to the prefix. Because a data set name can contain only 44 characters, the maximum length of the prefix is 22.

For archives on tape, CADisk by default also appends 22 characters to the prefix, or will use only the prefix as the archive data set name, depending on the value of sysparm ARCTNAME.

A user 200 abend terminates processing after this message.

Action:

Correct the DD statement or sysparm, or specify sysparm ARCTNAME, and resubmit the job.

Note: For more information, see the description of sysparm ARC0TYPEd in the *Systems Guide*.

2905

DEVICE TYPES MUST BE THE SAME WHEN BOTH THE PRIMARY AND THE DUPLICATE COPY ARE ON DISK DEVICES.

Reason:

A request was made to archive or back up one or more data sets to disk (rather than tape), with both the primary and the duplicate copy directed to disk. The volumes selected were of different device types, which are not supported.

Action:

Ensure that the pools of disk volumes to be used for archives contain volumes of the same device type with sufficient space. A user 200 abend terminates processing after this message is issued. Correct the available volumes and resubmit the job.

2906

A COMPLETE MULTIVOLUME LIST CANNOT BE BUILT FOR ARCKEY = (kkk). THE NEXT RECORD IN THE CHAIN IS (kkk) BUT NO ARCHVOLS RECORD EXISTS FOR THIS KEY. A PARTIAL LIST IS BEING RETURNED.

Reason:

CADisk encountered an error while trying to build a list of all ARCHVOLS records chained in the multivolume archive data set, arckey = (kkk1). ARCHVOLS record (kkk2) is missing and therefore all records chained from it are disconnected from the prior segments.

2907

AN ERROR HAS OCCURRED WHILE ATTEMPTING TO DELETE ARCHVOLS RECORD = (kkk)

Reason:

This message indicates that the delete failed for the ARCHVOLS record (kkk).

Action:

Validate that the record exists in the ARCHVOLS subfile of the Files Data Set.

2908

OUT-OF-SEQUENCE CONDITION FOUND IN ARCHIVE VOLUME RECORDS. KEY=(kkk).

Reason:

In locating all the volumes for a specific archive data set, CADisk has discovered that records are not chained in correct sequence. For instance, record 1 is chained to key) 123456 but the volume sequence for key) 123456 is not 2 as it should be.

This message may be a result of attempting to copy a volume, which is not sequence number 1 of a multivolume archive data set. Only the first volume of a multivolume data set should be specified for tape copy. The rest of the volumes of the sequence will be copied automatically when the first volume is copied.

Action:

Verify that no special maintenance to archive volume records has caused the error. Use the archive volume record report to verify the status of the records. Use the CADisk REBUILD utility to correct the situation.

2909

VOLUME RECORD MISSING FROM MULTIVOLUME RECORD CHAIN. KEY=(kkk).

Reason:

In locating all the volumes for a specific archive data set, CADisk has discovered that not all records have been found for the archive data set. That is, the volume count in the first index record does not correspond to the number of volume records chained. The volume record for key (kkk) is missing.

Action:

This condition should never arise. Verify that no special maintenance to archive volume records has caused the error. Use the archive volume record report to verify the status of the records. Use the CADisk REBUILD utility to correct the situation.

2911

THE DEVICE TYPE FOUND IN THE ARCHVOLS RECORD FOR THE REQUEST FILE IS IN ERROR. IT DOES NOT REFER TO DISK, TAPE OR 3480.

Reason:

The ARCHVOLS entry is incorrect.

Action:

Attempt to REBUILD the archive volume into the CADisk index and rerun CADisk.

2912

DISK ARCHIVE FILE NOT LOCATED, CANNOT CONTINUE VOL=(vvv), DSN=(ddd), RC=(ccc)

Reason:

CADisk has been requested to perform an action that requires it to read a disk archive file. The records for the file were found in the archive volume index but the actual data set (ddd) was not found on the disk volume (vvv) pointed to by the index record.

The following is a list of retrun codes returned from message 2912:

2

File is RACF-protected and access denied.

4

Volume not online.

8

Data set not on volume.

8+

See Obtain Return Codes in the appendix "Common Return Codes" for a list of OBTAIN error codes.

Action:

The data set has probably been deleted, moved or renamed. If the data set still exists, move it back to the volume indicated in the message or run REBUILD function to recreate the archive index records for it.

2913

RESTORE OF DSNAME=(ddd) FAILED or MERGE OF DSNAME=(ddd) FAILED

Reason:

Restore, recover or merge of file (ddd) was not completed successfully.

Action:

See previous messages for exact information on why the request failed.

2914

ERROR OPENING "(ddname)" DD STATEMENT FILE

Reason:

REBUILD or Tape Analysis has encountered an error while trying to open the input archive file DDNAME=(ddname). Previous error messages describe the error. Also, see the console log and JES message listings for more information regarding this error.

Action:

Correct the errors described in the previous error messages and resubmit the job.

2915

VOLUME COUNT DISCREPANCY. THE NUMBER OF VOLUMES READ DOES NOT EQUAL THE NUMBER OF VOLUMES SPECIFIED IN THE "ARCHIVES" DD STATEMENT OR IN THE CATALOG ENTRY FOR IT. WARNING ONLY - PROCESSING CONTINUED

Reason:

Message 2915 is issued during REBUILD at the CLOSE of the input Archive if the number of volumes read does not equal the number of volumes specified in the ARCHIVES DD STATEMENT or in the Catalog Entry.

Action:

When message 2915 is issued, it is a warning that all input volumes may not have been processed; processing does continue. Depending on operational procedures, check JCL or run Tape Analysis of Archive input.

2916

UNABLE TO DETERMINE THE NUMBER OF VOLUMES TO PROCESS

Reason:

REBUILD was attempting to determine the number of volumes comprising the archive data set when it encountered an error. The following is a list of return codes that describe the types of errors:

4

Error during Rebuild.

8

Volumes not specified in JCL ARCHIVES DD.

16

ARCHIVES DD statement missing.

Action:

Correct the error and resubmit the job.

2918

CORRECT SYSPARM nnnnnnnn AND RESUBMIT

Reason:

Sysparm DYNEXPDT, DYNEXPD2, or RESEXPDT has been specified incorrectly. These sysparms must specify an expiration date or retention period.

DYNEXPDT and DYNEXPD2 are used when the output tape or disk file must be dynamically allocated. RESEXPDT is used for input tape.

Action:

Correct the value, and then resubmit the job.

Note: For the proper format, see the descriptions of sysparms DYNEXPDT, DYNEXPD2, and RESEXPDT in the *Systems Guide*.

2919

INCORRECT BLOCK FOUND, TAPES ARE EITHER OUT OF PROPER SEQUENCE, A VOLUME IS MISSING OR A BAD TAPE. CALCULATED EXPECTED BLOCK# (nnn), READ BLOCK# (rrr)

Reason:

CADisk REBUILD has encountered a block number sequence problem while reading the input archive file. The block number found on the record (rrr) did not match the actual sequence number calculated (nnn) for the block read.

Action:

This is usually a sign that a multivolume tape input was processed out of sequence or that a tape volume is missing from the series. If a single volume is input, it is a bad tape. Use the CADisk tape fix utility to correct the tape and rerun REBUILD.

After this error, use the CADisk purge function to clean up any DSNINDEX and ARCHVOLS records created before the point of the abend.

2920

ARCHIVE KEY ASSIGNED TO DATA SET NAME (ddd) is (kkk)

Reason:

During REBUILD processing, CADisk created an archive volume record for data set (ddd) with a key of (kkk).

Action:

If REBUILD should abend, use this key to inspect the archive indexes to determine what files have been processed prior to the abend. Before rerunning REBUILD, use the IXMAINT PURGE function to remove these incomplete records from the indexes.

2921

LOGICAL END OF DATA SET RECORD MISSING FOR THE LAST FILE ON THE DATA SET. DATA SET NAME = (ddd) INCOMPLETE INPUT DATA, THIS AND POSSIBLY OTHER FILES NOT REBUILT FROM INPUT ARCHIVE DATA SET.

Reason:

CADisk REBUILD has reached the end of the input data on the input file but the last data set found in the CADisk archive file was not complete. All records for it had not yet been read. This can be caused by:

- The data set would not fit on this tape, and was written to the next tape. Check your LISTD report to verify the data set was written on the following tape.
- Not all of the volumes for a multivolume input archive data set are supplied.
- The tape may be unreadable. If so, use the CADisk TAPEFIX function to create a readable copy.

Before rerunning REBUILD, use IXMAINT to remove the incomplete archive key and associated records from the Files Data Set.

2923

SYSTEM PARAMETER UCBALLOC IS SET HIGHER THAN MAXIMUM OF 64. ABEND 202.

Reason:

Sysparm UCBALLOC is used to specify the maximum number of volumes that a CADisk job will dynamically allocate at one time. It has been specified incorrectly.

Action:

Correct the value and resubmit the job.

Note: For the proper format, see the description of sysparm UCBALLOCxx in the *Systems Guide*.

2925

DMS RESTRICTION - DISK ARCHIVE DATA SETS NOT ALLOWED DSN = ddd DMS RESTRICTION - CHECKPOINT DATA SETS NOT ALLOWED DSN = ddd

Reason:

CADisk has rejected data set (ddd) from processing because its name indicates it is a CADisk archive data set and is excluded from processing by this function.

Action:

Note: For techniques on managing these files, see the section Archiving the Archives is Not Allowed in the *Systems Guide*.

2926

NOTE — THE DMS ARCHIVE INDEX DEVICE TYPE DOES NOT AGREE WITH THE CATALOG DEVICE TYPE. DATA SET HAS BEEN MOVED. WE RECOMMEND YOU RUN REBUILD FUNCTION ON THE VOLUME TO IMPROVE DMS FILE SEARCH PERFORMANCE. REBUILD ARCHIVE KEY = (kkk), DATA SET NAME = (ddd)

Reason:

CADisk has encountered an archive data set on disk that was moved to a device type that is different from the device type on which it was created. Since CADisk keeps direct search pointers in its index entries that correspond to unique device types, its search technique is probably not as efficient as it would normally be.

Action:

You may do any one of the following:

- Ignore the message. CADisk will reposition either forward or backward as needed, giving you all normal functionality. Performance will be slowed imperceptibly.
- Improve CADisk Restore search performance by moving the archive data set on disk (ddd) back to its original device type with Move/Copy. CADisk will then be able to use its direct search pointers in future Restores.
- Improve CADisk Restore search performance by Merging the archive data set on disk. While Merge performance may be slowed somewhat, CADisk will then be able to use its direct search pointers in future Restores.
- Improve CADisk Restore search performance by running PURGE SCRATCH=NO,DELPROF=NO,VOL=(kkk) with CADisk sysparm UNCATPSUn, followed by a Rebuild. Since the archive data set on disk (ddd) is cataloged, you need only specify the data set name in the REBUILD ARCHIVES DD statement. CADisk will then be able to use its direct search pointers in future Restores.

2927

ERROR LOCATING CATALOG ENTRY FOR ARCHIVE DATA SET, ATTEMPTING TO RESTORE WITH ARCHIVE INDEX INFORMATION.

Reason:

CADisk has found a DATE/TIME type archive data set name. By CADisk standards this type of name should always be cataloged. This one is not. CADisk has attempted to continue processing with the archive volume and device type information kept in its index.

Action:

If no further messages are printed, the attempt has succeeded. Catalog the data set name to avoid this message in the future. This message is followed by catalog locate error messages indicating the data set name that is not cataloged.

2929

PERCENTAGE CALCULATION CANNOT BE DONE FOR THIS ARCHIVE DATA SET ON DISK, ARCKEY = (kkk). DATA SET IS BEING BYPASSED.

Reason:

Percentage calculations for determining whether to merge an archive data set on disk are calculated on a percentage of the total kilobytes written to the data set at archive time. At the time of archive, the ARCHVOLS record with a key of (kkk) did not get updated to include this value. CADisk cannot calculate the appropriate percentage value.

Action:

This data set must be explicitly requested by listing its corresponding ARCHVOLS key on the INCLUDE= parameter on the MERGE command, or by specifying PERCENT=0 on the MERGE command.

2932

NO VOLUME WAS FOUND IN THE DISK POOL TO SATISFY THE MINIMUM ALLOCATION REQUIREMENTS OF (nnn) BYTES.

2932

ARCHIVE/BACKUP FAILED FOR DSN=(ddd).

Reason:

This message will be issued when CADisk attempts to allocate an output disk archive but cannot find any valid volume in the disk pool that has a contiguous free extent large enough to satisfy the number of bytes (nnn) specified in sysparm SPACEPRI.

A volume is considered valid if it is online and not excluded from consideration because it is being used by the primary archive data set.

Note: For more information about sysparm ARCSEPC0y, see its description in the *Systems Guide*.

For Archive, Backup, or Dispose, an additional message line is issued with a return code 4.

2932

ARCHIVE/BACKUP FAILED FOR DSN=(ddd)

Reason:

The job will continue to process other data sets. For other functions, a user 200 abend will terminate processing after the first two lines of the message are issued.

Note: For additional information regarding space allocation for archival to disk, see the section Step 7 – Specifying Space Allocation in the chapter "Tailoring Options" in the *Systems Guide*.

Action:

Correct the situation before rerunning the job.

2933

DISK ARCHIVE DATA SET NOT PROPERLY CATALOGED WILL ATTEMPT TO USE ARCHIVE INDEX TO DETERMINE LOCATION

Reason:

CADisk requires that disk archive data sets be cataloged in a catalog accessible to CADisk. The archive maintenance function has attempted to locate a disk archive data set through the system catalog. The catalog search for the data set name failed for reasons shown in a previous message. In an attempt to continue to process, CADisk attempts to look in the archive index to determine the location of the file.

If no subsequent error messages were issued relating to this error, CADisk has recovered from the error. Otherwise take appropriate action for those messages.

2934

CREDT=(yyddd) and DAYSOLD=(nn) MAY NOT BOTH BE SPECIFIED ON THE SAME MERGE COMMAND.

Reason:

When CREDT= is specified on a MERGE command, only ARCHVOLS records with a creation date less than or equal to this date can be selected for processing. Similarly, when DAYSOLD= is specified, the number of days on the command is subtracted from the current date (or alternate date specified), and only those ARCHVOLS records with a creation date less than or equal to the resultant date can be candidates for selection.

The intent is to give the user two ways of arriving at a date to compare against the ARCHVOLS creation date. It is invalid to specify both parameters on the same MERGE command.

2935

THE FOLLOWING DATA SET REQUIRED MORE THAN THE VOLUME OUTPUT LIMIT. IT WAS BYPASSED. —- DSN=(ddd)

Reason:

Space predictions indicated data set (ddd) requires more than the maximum number of output tapes supported by CADisk. For MVS systems this number is 255; for non-MVS systems it is 5. The data set is skipped and processing continues for the next data set.

Action:

Verify that the data set is indeed that large, and take appropriate Action's to back it up by other means. Setting sysparms TAPEFEET or CARTFEET to unusually low values may also cause the volume limit to be reached unexpectedly.

2936

DMS WAITING FOR DATA SET ALREADY IN USE DATA SET NAME=(ddd)

Reason:

CADisk processing needs to have enqueue control over data set (ddd). The data set is not available to CADisk so it must wait until the resource becomes available. The message will disappear from the operator's console when the resource is freed for CADisk use.

2941

*****WARNING*** MAXIMUM SUPPORTED RECORD SIZE EXCEEDED - RECORD LENGTH=(nnn) MAXIMUM SIZE SUPPORTED=(ooo)**

Reason:

A data set contains a logical record that exceeded the maximum size as specified with sysparm IOMAXREC. The record length is (nnn); IOMAXREC is specified with a value of (ooo). The data set name will be printed in a subsequent message.

Action:

Set IOMAXREC to a value equal to or greater than the largest logical record in the data set and rerun the job.

2942

PS, UT OR VT DATA SET ARCHIVED WITH BDAM BEING RESTORED WITH BSAM, DSN = (ddd)

Reason:

A track overflow data set was archived with BDAM support on a CADisk release previous to 7.0 due to the specification of sysparm PSBDAMAR (which is now obsolete). This message is to inform you that data set (ddd) is being restored with CADisk Release 7.0 or later with the correct access method BSAM.

2944

DMS2944 AUTO RESTORE MANAGER WILL NOTIFY YOU UPON COMPLETION

2944

DMS2944 CA DISK DMSAR TASK STARTED... WILL BE NOTIFIED UPON COMPLETION

Reason:

An Auto-Restore was initiated but either the user, if the request is for a TSO session, or the operator in the case of a batch job, have indicated that the session is not to wait for the Auto-Restore to complete. The TSO User will receive a message when the request is complete

Action:

None. This is an informational message.

2945

ARCKEY SPECIFIED (kkkkkk) HAS A SEQUENCE NUMBER OTHER THAN ONE.

Reason:

ARCHVOLS record identified by key (kkkkkk) has been processed by the RESET command, and at one time was part of a chain of ARCHVOLS records representing a multivolume data set. Since multivolume entries are normally managed by accessing the key of the first ARCHVOLS entry (sequence number one), this informational message is printed merely to log that you requested this special update.

2946

DEVICE CLASS SPECIFIED ON THE COMMAND IS INVALID OR MISSING. YOU MUST SPECIFY EITHER TAPE, DASD, 3480, 3490 OR DYN1-DY20.

Reason:

For CADisk to build a new ARCHVOLS record using the BUILDARC command, ARCHVOLS must be supplied with all parameters on the command.

Action:

Be sure to supply a valid type of TAPE, DASD, 3480, 3490, or DYN1 to DY20.

2947

AN ERROR HAS OCCURRED WHILE TRYING TO BUILD (AND CHAIN) THE NEW ARCHVOLS RECORD. DMS IS BYPASSING THIS BUILDARC COMMAND.

Reason:

Check all preceding messages for information as to why the ARCHVOLS records cannot be built. In addition, all parameters on the BUILDARC command are required; therefore verify that all values have been supplied properly and are valid.

2948

EXPIRATION DATE FOR ARCKEY = (kkk) WAS RESET TO (yyddd).

Reason:

The expiration date for an ARCHVOLS record identified by key (kkk) was reset to the Julian date (yyddd) by using the EXPDT parameter on the RESET command in the IXUPDATE function of CADisk.

2949

OPEN FAILED, DCB INDICATED OPEN UNSUCCESSFUL, DCBOFLGS - (xx)

Reason:

An attempt to open an ISAM data set has failed. Verify if any other utility programs can read the data set.

Action:

Take corrective action as needed. If other programs can open the data set, contact CA Technical Support for assistance.

2950

ARCHIVE REJECTED DUE TO PREVIOUS MESSAGE(S) FOR DATA SET; VOL = (vvv), DSN = (ddd)

Reason:

Messages issued previously should indicate why this request to archive data set (ddd) on volume (vvv) was rejected.

2951

ATTEMPT TO CREATE STAE ENVIRONMENT FAILED RC=(cc)

Reason:

An attempt to create a task termination recovery environment was unsuccessful for reason (cc). CADisk may not be able to recover from anticipated errors.

2952

ATTEMPT TO DELETE STAE ENVIRONMENT FAILED RC=(cc)

Reason:

An attempt to delete a task termination recovery environment was unsuccessful for reason (cc).

Action:

Contact CA Technical Support for assistance.

2953

INVALID RDW DETECTED, NEXT DISK ADDRESS; VOL=(vvv), CCHHR=(aaa) —RECORD FOR 32 BYTES - (ccc) —PREVIOUS RECORD; (nnn), (kkk) or —-ERROR PROCESSING FIRST RECORD OF DATA SET

Reason:

While attempting to read a variable-record ISAM data set on volume (vvv) at full disk address (aaa), an RDW (record descriptor word) was found in error. The content of the record (ccc) is displayed in hex prefix by the RDW. Location information for the count (nnn) and key (kkk) of the previous record is given to assist in a super zap attempt to correct the problem.

2954

KEY SEQUENCE DETECTED, NEXT DISK ADDRESS; VOL=(vvv), CCHHR=(aaa) —KEY FOR 32 BYTES - (ccc) —PREVIOUS RECORD; (nnn), (kkk)

Reason:

While attempting to read an ISAM data set on volume (vvv) at full disk address (aaa), a record key was found out of sequence. The key of the record (ccc) is displayed in hex. Location information for the count (nnn) and key (kkk) of the previous record is given to assist in a super zap attempt to correct the problem.

2955

Snnn ABEND INTERCEPTED DURING READ —DISK ADDRESS; VOL=(vvv), CCHHR=(aaa)

Reason:

A system abend (nnn) occurred while read an ISAM data set. The volume (vvv) and full disk address (aaa) is provided as additional information for user corrective action.

2956

(xxx) ABEND INTERCEPTED DURING OPEN

Reason:

Consult the IBM *Message and Codes Guide* for the cause of an abend as indicated by (xxx), and take the appropriate corrective action.

2957

SYNAD EXIT INVOKED FOR QISAM READ; DCBEXCD=(xxx), NEXT DISK ADDRESS VOL=(vvv), CCHHR=(cchhr)

Reason:

IBM's QISAM access method indicated an I/O error occurred while reading a data set. The DCBEXCD code, volume and CCHHR values are provided to help you locate the error and attempt a recovery if possible. Appendix A explains the DCBEXCD codes.

2959

SAS DATA SET WITH PREMATURE ZERO LENGTH (EOF) RECORDS ARE NOT PROCESSED BY DMS, DSN = (ddd). ZERO LENGTH RECORD OCCURRED JUST AFTER RELATIVE TTR = (ttr , LAST USED BLOCK (DS1LSTAR) = (ttr SAS UTILITY "PROC COPY" SHOULD BE USED TO CORRECT THIS CONDITION.

Reason:

CADisk processing logic has found a data set (ddd) it believes was created by the SAS package produced by the SAS Institute, Inc. CADisk has also detected an end-of-file record after (ttr1) where it was expected to occur only after (ttr2).

If the TT portions of the two TTRs are different and if CADisk processing of the data set continues, a loss of data will occur. The data set is bypassed. Copy the data set with the SAS procedure COPY utility to a new name, delete the original data set and rename the copy to the old name. CADisk can then process it again.

If the TT portions of the two TTRs are identical, it is less likely that data will be lost. However, the data set is still bypassed. Copy the data set with the SAS procedure COPY utility to a new name, delete the original data set and rename the copy to the old name. CADisk can then process the data set.

Reference: SAS tracking number 71806 and CADisk PMR number 4439.

2960

DDNAME=(ddddd) ERROR SYNCHRONIZING 3480

Reason:

An error occurred for data set ddddd when CADisk issued the IBM SYNCDEV macro to empty the 3480 hardware buffer. This is usually as the result of an I/O error. To prevent possible data loss, a User ABEND 100 follows this message.

Action:

Check for IOS000I message and depending on the type of error, take the appropriate action Re-run CADisk job as needed.

2961

THE 3480 DRIVES ARE IN COMPATIBILITY MODE. IF THE JOB ABENDS, SAVE THE ACTIVE INPUT TAPE. RUN IT THROUGH REBUILD, THEN RE-MERGE.

Reason:

The 3480 tape drives being used for output are in compatibility mode instead of full function mode. This prevents CADisk from emptying the data buffers at the appropriate times to guarantee that all data from an input tape volume has been successfully copied to the new 3480 cartridge. When the 3480 is used in compatibility mode, its data buffers are guaranteed to be emptied only when the cartridge is successfully closed. If an abend occurs, the amount of data in the buffers (not successfully copied forward) is unknown. Therefore, to ensure that no data has been lost, the input tape should be saved and reprocessed.

(When the 3480s are in full function mode, CADisk uses the additional features to ensure that data buffers are emptied at appropriate times to maintain data integrity, without the need for any reprocessing.)

2964

FCREDT=(yyddd) and FDAYSOLD=(nn) MAY NOT BOTH BE SPECIFIED ON THE SAME MERGE COMMAND

Reason:

When FCREDT= is specified on a MERGE command, only ARCHVOLS records with a creation date greater than or equal to this date can be selected for processing. Similarly, when FDAYSOLD= is specified, the number of days on the command is subtracted from the current date (or alternate date specified), and only those ARCHVOLS records with a creation date greater than or equal to the resultant date can be candidates for selection.

The intent is to give the user two ways of arriving at a date to compare against the ARCHVOLS creation date. It is invalid to specify both parameters on the same MERGE command.

2965

INVALID TYPE (ttt) SPECIFIED FOR DEVICE TYPES TO PROCESS.

Reason:

The value (ttt) specified in the TYPES= parameter on the MERGE command is not valid. You may specify up to three of the valid values DASD, TAPE and 3480.

2967

DMS AUTO-RESTORE INVOKING ITSELF FOR DSN=(ddd)

Reason:

One CADisk auto-restore task is causing another CADisk auto-restore task to be scheduled. This is not allowed by the current structure. If data set (ddd) truly needs to be restored, schedule a batch CADisk restore job to perform the task.

2969

ANOTHER DMSAR TASK HAS RECALLED OR DEFERRED DSN = (ddd)

Reason:

The current data set (ddd) was auto-restored by another DMSAR STC request and has been restored or deferred. If an abend did not occur with the other DMSAR STC, the current request for (ddd) is satisfied and the data set is available. If an abend did occur with the other DMSAR STC, review MSGPRINT from the other DMSAR for details.

2970

ESTAE CANNOT BE SET

Reason:

An error condition was detected in ADSAR003 while attempting to set up an error recovery environment. Because an error recovery routine cannot be established, no automatic recall of the data set was attempted. Contact your systems programming staff to determine the problem cause and a resolution.

2971

DO YOU WANT TO RESTORE THE DATA SET (Y/N) ?

Reason:

The data set being restored has been archived to the CADisk pseudovolume. A response of 'Y' will initiate a DMSAR request. A response of 'N' will return the previous panel to your TSO session and not auto-restore the data set.

Action:

Note: For customization options, see the section USERMOD8 in the *Installation Guide*.

2972

DO YOU WANT AN (I)MMEDIATE OR A (D)EFERRED RESTORE (I/D) ?

Reason:

There are two ways of auto restoring a data set. An immediate request will perform a normal auto-restore of the data set immediately. A deferred request will uncatalog the data set from the pseudovolume and place a restore request into the deferred restore subfile (RESTCMDS) for DISPOSE processing.

Action:

Note: For customization options, see the section USERMOD8 in the *Installation Guide*.

2973

DO YOU WANT TO WAIT FOR THE RESTORE TO COMPLETE (Y/N) ?

Reason:

A 'Y' response will suspend your TSO session until the data set has been restored. A 'N' response will initiate a DMSAR STC for the data set. If the data set is currently being "actively" restored, message 2974 is issued instead of starting a DMSAR STC.

Action:

Note: For customization options, see the section USERMOD8 in the *Installation Guide*.

For CAVantage SRM users, the auto-restore request is passed to the Auto Restore Manager (ARM) regardless of the response.

2974

DSN CURRENTLY BEING RESTORED BY ANOTHER TASK

Reason:

This message informs the user that another DMSAR STC is currently restoring the requested data set.

2975

DMS START COMMAND FAILED

Reason:

An attempt was made to start a CADisk auto-restore, but the START command failed. The procedure DMSAR may not be available.

Action:

Contact your systems programming staff for problem determination.

2976

DATA SET SUCCESSFULLY RESTORED or AUTO-RESTORE COMPLETED WITH RETURN CODE OF (ccc)

Reason:

The auto-restore task has completed. If the restore failed, review the descriptive message that follows. If the message does not provide enough information, review the DMSAR restore task's output (specifically the MSGPRINT output of the DMSAR proc) to determine the cause of the failure.

2977

HAS NOT STARTED YET--DISCONTINUE THE WAIT FOR AUTO-RESTORE?

2977

(Y/N)

2977

NO LONGER WAITING FOR AUTO-RESTORE

2977

PROCNAME=(started task), STEPNAME=stepname

Reason:

CADisk issued a start command, but the started task failed to respond within the allotted time. The auto-restore exit prompts either the TSO user or the system operator to see if CADisk should cancel the auto-restore. If you reply <Y> to the prompt, you will get the remaining portion of the message indicating a critical error.

Action:

You normally would want to wait only if the started task cannot begin because of a resource conflict, which is locking it out. The most likely cause of this error is that either the procedure name DMSAR is not in the proper proclib or an address space cannot be created to service the start request.

2979

ESTAE EXIT ENTERED

Reason:

An undetermined error has caused the error recovery exit in auto-restore to be entered. Restoration of the data set may or may not have been completed. The entire system diagnostic work area (SDWA) has been written to SYS LOGREC.

Action:

Obtain a printout of this record. Contact CA Technical Support for assistance.

2978

DATA SET IS ARCHIVED TO TAPE VOLUME = (vvv)

Reason:

In the event the data set has been archived to a Tape/Cartridge media, this message informs the waiting user that a Tape mount for volume (vvv) is required. At this point, the user is queried once more with:

```
DO YOU STILL WANT TO WAIT FOR THE RESTORE TO COMPLETE ?
```

Action:

Note: For customization options, see the section USERMOD8 in the *Installation Guide*.

2980

ARCB ID IS NOT VALID - ORIGINATING TASK MAY HAVE TERMINATED

Reason:

The restore control block does not exist at the address supplied to the started task. The restore request is ignored and no further processing takes place. This error can be caused if the originating task is canceled or if the start command was issued from the operator's console. If the requesting task was canceled, no action is necessary. This task should not be started from the operator's console.

2983

TO CANCEL RESTORE, ENTER: P (xxx)

Reason:

This is a highlighted informational message used to instruct the systems operator how to cancel the CADisk restore in progress. It will remain on the console until either the restore task ends or the operator cancels the job. This message is informational in nature and requires no user action. Note that this message is only issued for auto-restores, which require a tape mount. No operator message is issued if the auto-restore is being serviced from a DASD device.

2984

TAPE MOUNTS ARE NOT ALLOWED FOR AUTO-RESTORES FROM TSO USER

Reason:

Based on options in effect at your installation, auto-restores are not allowed to issue tape mounts. The archived data set must reside on DASD to be a candidate for auto-restore.

2985

S30A ABEND SUPPRESSED

Reason:

This is an informational message. The user requires no action.

This message is issued subsequent to message 2979, which indicates that an error occurred. If, during the analysis of the error, CADisk detects that an S30A abend occurred, the abend is suppressed and normal processing continues. The started task will get this error if the task, which started the auto-restore, ends and frees the ARCB control block unexpectedly. Because the area in CSA has already been freed, there is no reason to abend the started task.

2986

DATA SET NOT FOUND ON VOLUME (vvv)

Reason:

This message is issued when the S213 hook of CADisk has triggered an auto-restore for an uncataloged data set.

2987

DATA SET CATALOGED TO CA DISK PSEUDO-VOLUME (vvv)

Reason:

This data set was recataloged to a CADisk pseudovolume that is used for automatic restore capability.

2988

A CA DISK DMSAR TASK FOR DSN = (ddd) IS IN PROGRESS FOR JOBNAME = (jjj)

Reason:

This informational message informs the originating auto-restore requester that the DMSAR STC has started for data set (ddd) and jobname (jjj).

2991

RESTORE REQUEST CHANGED TO DEFERRED BECAUSE OF USER EXIT ARESPREX

Reason:

The restore request was changed to deferred because of the condition code set by user exit ARESPREX. This is an informational message and no action is required.

2992

OTHER TASK CONVERTED RESTORE TO DEFERRED RESTORE

Reason:

Another DMSAR STC request has changed the original request of immediate to deferred. The current auto-restore wait request for this data set is informed of the auto-restore request change.

2993

DATA SET SUCCESSFULLY RESTORED

Reason:

Each DMSAR started task that successfully auto-restores a data set notifies the original requester with this message. Unless a TSO user chooses to wait, any subsequent requesters of the same data set will be informed that another DMSAR task is currently restoring the data set.

For CAVantage SRM users, the Auto Restore Manager (ARM) notifies all Primary requesters along with subsequent requesters of the same data set that the data set has been successfully restored.

2995

NO INDEX RECORD FOUND FOR DATA SET, SYSPARM ARBACKUP=(x)

Reason:

The DMSAR started task did not find a matching DSNINDEX record for the data set being auto-restored. Note that the data set is uncataloged from the pseudovolume at the end of this restore process.

Action:

Verify the FILES or MFILES DD statement in the DMSAR proc has the correct Files Data Set or concatenation or both.

Sysparm ARBACKUP affects which DSNINDEX records are eligible for autorestore. There are several possible values for this system parameter.

Note: For a detailed description of each value, see ARBACKUPy in the *Systems Guide*.

2997

AUTO RESTORE BYPASSED DUE TO LACK OF READ AUTHORITY (ACF2)

AUTO RESTORE BYPASSED DUE TO LACK OF READ OR CONTROL AUTHORITY

Reason:

A Security Authorization Facility (SAF) call is performed for a data set prior to being auto-restored. If the originating request does not have the necessary authority to the data set, the auto-restore is bypassed.

Action:

Note: For customization options, see the section USERMOD8 in the *Installation Guide*.

2998

USER EXIT DENIED THE RESTORE REQUEST

Reason:

The auto-restore user-screening exit (ARESPREX) is active, and has bypassed the auto-restore request.

2999

MOUNT REQUEST DENIED BY SYSPARM "ARTAPEOK"

Reason:

Specifying 'N' (Batch or TSO Users) or 'B' (TSO Users) to sysparm ARTAPEOK rejects tape mount requests.

Action:

Note: For more details, see the description of sysparm ARTAPEOKy in the *Systems Guide.*

Messages 3000-3099

3001

ESTAE EXIT ENTERED DURING OPEN FOR VSAM DATA SET=(ddd) SYSTEM COMPLETION CODE=(sss) USER COMPLETION CODE=(uuu)

Reason:

While attempting to open VSAM data set (ddd), VSAM internal processing encountered an abend. CADisk recovered from the error sufficiently to process other data sets, but the one in the message was bypassed for further processing.

The system and user completion codes returned to the ESTAE exit are displayed in the message text as a means of diagnosing the problem. The system completion code is displayed in hexadecimal format, while the user completion code is displayed in decimal.

3004

DSNAME = (ddd) ON VOLUME = (vvv) NOT RESTORED. SEE PREVIOUS MESSAGE.

Reason:

An OPEN error has occurred for volume (vvv). Data set (ddd) cannot be restored from that volume. Refer to previous CADisk messages for this volume to determine the nature of the error. This message is issued for every data set CADisk is attempting to restore from the volume in question.

3006

INVALID DSCB TYPE ENCOUNTERED; VOL=(aaa), FMTID=(bb); DSCB ASSUMED EMPTY

Reason:

A DSCB on volume (aaa) had an undocumented identifier type of value (bb). This undocumented type is treated as an empty DSCB (or type X'00').

3007

DSN = (ddd) ON VOLUME = (vvv) NOT UNCATALOGED BECAUSE VOLUME OFFLINE

Reason:

Data set (ddd) was not uncataloged during IXMAINT. It was cataloged to offline volume (vvv).

Note: If you prefer to uncatalog offline data sets, see the description for sysparm IXMVOLONn in the *Systems Guide*.

3008

EITHER "BEGIN", "BMONTH", "BWEEK" OR "BMEMBER" MUST BE SPECIFIED - COMMAND REJECTED

Reason:

One of the four listed parameters must be specified on the ACCUM command. Specify one and resubmit the job.

3010

ALL AND TIMEDATE ARE MUTUALLY EXCLUSIVE PARAMETERS. THIS COMMAND WILL BE BYPASSED.

3010

VERSION AND TIMEDATE ARE MUTUALLY EXCLUSIVE PARAMETERS. THIS COMMAND WILL BE BYPASSED.

Reason:

While running the IXUPDATE utility, mutually exclusive parameters were specified on the same command.

Action:

Use only one of the parameters, and then resubmit the job.

3013

(vvv) - DMS ARCHIVES, NOT SCRATCH

Reason:

Volume (vvv) was mounted for output but it is already in the CADisk archives. If message 3014 or 0309 precedes this message, further action will be required. This message is informational only.

3014

TAPE LABEL HAS BEEN ALTERED TAPE VOL=(vvv) OLD DSN=(ddd) OLD EXP=99999 NEW DSN=(nnn) NEW EXP=99999

Reason:

For non-DFP 1.1 systems, volume (vvv) has been overwritten. Recovery action is required.

3017

DMSAR VOLUME volser UNAVAILABLE FOR n MIN - REPLY 'NO' TO CANCEL WAIT

Reason:

A restore has attempted to use volser and has been waiting 'n' minutes.

Action:

Reply 'NO' to cancel the wait for volser and the Restore.

Note: This message will be repeated every few minutes if you do not reply.

3018

DEFINE FAILED FOR ALIAS POINTER = (ppp)

Reason:

During catalog recovery, an attempt was made to define an alias pointer (ppp) for the catalog. See previous messages for error.

3019

DELETE FAILED FOR CATALOG = (ccc)

Reason:

During catalog recovery, an attempt was made to delete the catalog (ccc). See previous messages for error.

3020

UNABLE TO ALLOCATE EXPORT DATA SET. CATALOG = (ccc) CANNOT BE RECOVERED.

Reason:

During catalog recovery, an attempt was made to allocate an export format data set for catalog (ccc). See previous messages for error.

3021

CRITICAL ERROR IN THE EXPORT DATA SET. CATALOG = (ccc) CANNOT BE RECOVERED.

Reason:

While creating the export format data set for catalog (ccc), a critical error occurred. See previous messages for error.

3022

AT TIME OF BACKUP, ALIAS POINTER = (aaa) EXISTED FOR CATALOG = (ccc)

Reason:

This is an informational message. The alias pointer for the catalog is listed.

3023

EXPORT FORMAT DATA SET DEALLOCATION FAILED FOR CATALOG = (ccc)

Reason:

The deallocation of the export format data set for catalog (ccc) failed. See previous messages for error.

3024

CATALOG = (ccc) DOES NOT EXIST. IT WILL BE REDEFINED DURING IMPORT.

Reason:

During catalog recovery, an attempt was made to retrieve catalog (ccc) information. Since the catalog does not exist, IMPORT will define it.

3025

LOCATE FAILED FOR CATALOG = (ccc), MAY BE DUE TO DELETE OF CATALOG DURING RECOVER PROCESSING. DSNINDEX INFORMATION WILL BE USED TO PRINT THE RESTORED DATA SET REPORT.

Reason:

CADisk message 2546 with a return code of 4 and a reason code of 6 was issued just prior to this one, which indicates that the catalog was deleted and restored during recovery processing. This message is informational only, to let you know that the report is being based upon the CADisk index record; that is, no error condition actually exists.

Action:

Consult IBM message IDC3009I, return code of 4 and reason code of 6, to confirm the IBM restriction that prevents CADisk from locating information in a catalog that was deleted and restored within the same job.

3026

VSAMONLY AND NON-VSAM ARE MUTUALLY EXCLUSIVE. CORRECT THE COMMAND AND RESUBMIT.

Reason:

The RECOVER command statement included both the VSAMONLY and NON-VSAM parameters, which are mutually exclusive. Processing continues with the next command.

Action:

Correct the command statement in error and resubmit the job.

3027

VSAMONLY OR NON-VSAM IS INCONSISTENT WITH ICATALOGS=ONLY, CORRECT THE COMMAND AND RESUBMIT.

Reason:

The RECOVER command statement included either VSAMONLY or NON-VSAM parameters with ICATALOGS=ONLY, which are mutually exclusive. Processing continues with the next command.

Action:

Correct the command statement in error and resubmit the job.

3028

MASTER CATALOG PASSWORD CANNOT BE RETRIEVED. CATALOG = (ccc) NOT RECOVERED.

Reason:

The master catalog password cannot be retrieved for the catalog (ccc). The catalog cannot be recovered.

3029

SUPERLOCATE WORK AREA SIZE (xxx) TOO SMALL; NEED SIZE (yyy) or MASTER CATALOG ALIAS WORK AREA SIZE (xxx) TOO SMALL; NEED SIZE (yyy)

Reason:

CADisk will not create a work area for Catalog Management of a larger size than that specified by CADisk sysparm CATLOCWA.

According to Catalog Management, if the first version of the message is produced, a work area of this size will not be large enough to contain the catalog entries based on the CADisk FIND command. The second version of the message indicates that the work area was not large enough to contain the ALIAS pointers for a catalog during Catalog Backup.

Increase the value of sysparm CATLOCWA to a 7-digit number at least as great as (yyy). If increasing the value of sysparm CATLOCWA cause GETMAIN or region messages or an SA08 abend, reduce the value of sysparm CATLOCWA. In this case, CADisk will not be able to process your FIND command.

If you specified a CADisk pattern name in your FIND command (such as DSN=ABC.DEF/), specify one more complete qualifier in the data set name (such as DSN=ABC.DEF./ or DSN=ABC.DEF.G/). If you cannot specify a more complete name, you must use alternatives to the FIND command.

3030

ALIAS POINTERS FOR CATALOG = (ccc) MAY NOT HAVE BEEN BACKED UP. SEE PREVIOUS MESSAGES FOR ERRORS.

Reason:

An error occurred while retrieving an alias pointer for catalog (ccc). The alias pointers may not have been backed up. Previous messages should explain the error.

3031

DATA SET NAME IN RECONx DD STATEMENT DOES NOT MATCH DATA SET NAME = (ddd) IN RESLIB

Reason:

Data set (ddd) in the RECONx DD statement did not match the data set name found in RESLIB.

3032

RECONx IS CONCATENATED. ONLY THE DATA SET NAME = (ddd) WILL BE USED.

Reason:

The RECONx DD statement was found to concatenate. Only the first data set (ddd) will be used for DBRC support.

3033

RECON DATA SET NAMES NOT FOUND IN RESLIB AND RECON DD STATEMENTS NOT PRESENT.

Reason:

The RECON data set names were not available from the RESLIB and there were no RECONx DD statements present in the JCL.

Action:

Provide the name of the RESLIB with the RECON data set names or RECONx DD statements in the job and resubmit.

3034

RECON DATA SET = (ddd) IS EMPTY; ASSUMED TO BE SPARE.

Reason:

This is an informational message. The RECON data set (ddd) was found to be empty and is assumed to be the spare RECON data set.

3035

ERROR IN RETRIEVING HEADER RECORD.

Reason:

The first record retrieved from the RECON data set was not the header record. The most recent RECON data set cannot be identified with the header record.

Action:

Correct the record and resubmit the job.

3036

ERROR IN RETRIEVING HEADER EXTENSION RECORD.

Reason:

The second record retrieved from the RECON data set was not the header extension record. The most recent RECON data set cannot be identified without the header extension record.

Action:

Correct the record and resubmit the job.

3037

MOST RECENT RECON DATA SET = (ddd) IS BEING USED.

Reason:

RECON data set (ddd) is being used to identify the databases and the image copy records.

3038

MOST RECENT RECON DATA SET = (ddd) NOT MARKED COPY 1.

Reason:

This WARNING message indicates that the RECON data set with the highest use count (ddd) is not marked COPY 1 RECON. So, CADisk did not get the IMS database names from data set (ddd) because it is not marked as the primary RECON data set.

3039

DBRCRLIB SYSTEM PARAMETER IS BLANK AND THE RESLIB DD STATEMENT IS NOT PRESENT.

Reason:

DBRC support has been activated but the RESLIB is missing. If the RECON DD statements are not present, the job will abend.

Action:

Correct the sysparm or add the RESLIB DD statement.

3040

LOAD FAILED FOR RECONx MEMBER IN RESLIB orABEND CODE IS (nn) AND REASON CODE IS (nn)

Reason:

An attempt was made to load the RECONx member of RESLIB in order to retrieve the RECONx data set name. The job may continue based on cumulative errors.

3041

A FAST PATH DATA BASE WITH MORE THAN ONE AREA HAS BEEN BACKED UP OR ARCHIVED. DBRC HAS NOT BEEN NOTIFIED.

THE DBDNAME IS (ddd) AND THE AREA NAME IS (xxx)

Reason:

CADisk backed up a Fast Path database area, but the area count for the database is greater than one. DBRC has not been notified. The DBDNAME (ddd) and area name (xxx) are listed.

3042

A FAST PATH DATA BASE WITH MORE THAN ONE AREA HAS BEEN RESTORED. DBRC HAS NOT BEEN NOTIFIED.

THE DBDNAME IS (ddd) AND THE AREA NAME IS (xxx)

Reason:

This informational message tells you that CADisk restored a fast path database area but the area count for the database is greater than one. DBRC has not been notified. The DBDNAME (ddd) and area name (xxx) are listed.

3043

IMAGE COPY DATA SET HAS BEEN MOVED OR COPIED TO A NEW NAME. ORIGINAL NAME IS (ddd); NEW NAME IS (nnn)

Reason:

An image copy data set from DBRC (ddd) has been moved or copied to a new name (nnn). DBRC is not notified and processing continues.

3044

IMAGE COPY - (ddd) BEING MOVED IS NOT ON THE ORIGINAL VOLUME. DBRC HAS NOT BEEN NOTIFIED.

Reason:

Data set (ddd) matches the name of an image copy data set, but it is not on the volume as indicated in the image copy record. Therefore DBRC is not notified and CADisk processing continues. The discrepancy should be accounted for and corrected.

3045

CONTROL STATEMENT(S) WRITTEN FOR DSN/AREA DBRC COMMANDS

Reason:

These are the DBRC control statements written for each data set or area processed as a DBRC registered database.

3046

ERROR OCCURRED WHILE WRITING TO DBRCCARD DDNAME.

Reason:

An error occurred while writing the DBRC control statements to the DBRCCARD file. The previous message should explain the error.

3047

INVALID VALUE SPECIFIED FOR DBRCSUPP.

Reason:

An invalid value was specified for sysparm DBRCSUPP. The valid values are N or C. Correct the value and resubmit the job.

3048

THE DD STATEMENT DBRCCARD MUST BE ALLOCATED IN THE JCL WHEN DBRCSUPP IS SPECIFIED AS C.

Reason:

The DBRC interface requires the DBRCCARD DD statement to write the control statements for notifying DBRC.

Action:

Add the DBRCCARD DD statement and resubmit the job.

3049

THE DBRCDSNS MEMBER IS NOT IN PARMLIB.

Reason:

The DBRCDSNS member in PARMLIB is missing. It is required for DBRC support.

Action:

Add the member and resubmit the job.

3050

DATABASE TABLE SIZE EXCEEDED. INCREASE THE DBRCDBSZ SYSTEM PARAMETER AND RESUBMIT.

Reason:

The number of database entries was too large for the database table. Each entry requires approximately 62 characters of memory.

Action:

Increase the value specified in sysparm DBRCDBSZ accordingly and resubmit the job.

3051

IMAGE COPY TABLE SIZE EXCEEDED. INCREASE THE DBRCICSZ SYSTEM PARAMETER AND RESUBMIT.

Reason:

The number of image copy entries was too large for the image copy table. Each entry requires approximately 80 characters of memory.

Action:

Increase the value specified in sysparm DBRCICSZ accordingly and resubmit the job.

3053

****** REGION TOO SMALL. REQUESTING (nnn) BYTES**

Reason:

Memory storage is needed in the size indicated by (nnn). The REGION size for this job is too small. After issuing this message, the job is terminated with a user 100 abend.

Action:

Increase the REGION size and reduce the value of sysparm IOTRACKS, or both, and rerun the task.

Note: For more information, see the section I/O Buffering and Memory Requirements in the *Systems Guide*.

3054

INVALID FREEMAIN ADDRESS=(aaa) FREEING (nnn) BYTES

Reason:

A request to free memory at address (aaa) for a length of (nnn) bytes has failed. The job is terminated with a user 101 abend and a dump is produced.

Action:

Contact CA Technical Support for assistance.

3055

ERROR ATTEMPTING TO SCRATCH THE DATA SET THAT WAS UNSUCCESSFULLY RESTORED. THE DATA SET STILL REMAINS ON THE VOLUME.

Reason:

CADisk tried to restore a data set to disk. The new data set on disk was allocated, but the data set was not loaded successfully. Therefore, CADisk attempted to scratch the data to reclaim the disk space, but an error caused the scratch to fail too. The data set in error must be deleted manually.

3056

DSCB UPDATE UTILITY NOT RUN DUE TO OPERATOR REPLY, SEE JOB LOG

Reason:

Messages with this number are issued from the DSCB update utility as described below. The DSCB update utility requires console operator permission before starting its function. The operator has denied your request.

3056

THE FOLLOWING DATA SETS WERE UPDATED WITH THE GIVEN CHANGES

Reason:

Where (ddd) is the data set name, (vvv) the volume, (fff) is the moved field name, and (ccc) is the value moved. If more than one field is shifted, the subsequent fields will be displayed with a blank data set name and volume as shown.

3056

EQUAL NUMBER OF FIELDS AND STARTING COLUMNS MUST BE ENTERED

Reason:

This message is issued if the input parameters FIELD FROMCOL do not have the same number of items in their lists.

Action:

Correct this condition and rerun the job.

3056

INVALID INPUT FIELD NAME (xxx)

Reason:

A value of the FIELD parameter (xxx) was not one of the allowed names.

Note: For parameter definitions, see the appendix "DSCB Update Utility" in the *Installation Guide*.

3056

(xxx) = (nnn), IS AN INVALID DATE, DSCB NOT UPDATED

Reason:

The CADisk DSCB update utility did not update the DSCB (xxx) field, because the date requested for updating this field (nnn) is not a valid Gregorian or Julian date.

Note: For valid CADisk date formats, see the section Date Formats in the *User Guide*.

3056

DSCB FOR DATA SET = (ddd) NOT UPDATED

Reason:

The CADisk DSCB update utility did not update the DSCB for data set (ddd). See previous CADisk messages for more detail.

3057

DS1LSTAR FIELD IN FORMAT-1 DSCB FALSELY INDICATES MORE TRACKS USED THAN ALLOCATED! ALLOCATED TRACKS WILL BE USED IN CALCULATIONS.

Reason:

The format-1 DSCB's DS1LSTAR field contains a relative track value for the last record written which exceeds the total number of allocated tracks for the data set. The used tracks value is probably erroneous. For CADisk calculation purposes, the DS1LSTAR field is equated to the highest possible relative track.

3058

MULTIVOLUME ISAM DATA SETS ARE NOT SUPPORTED

Reason:

The data set indicated in the previous message is a multivolume indexed sequential data set. CADisk does not support these data sets.

3059

UNCATALOGED ISAM DATA SET CONTAINS NO PRIME AREA POSSIBLY MULTIVOLUME; VOLUME=(vvv), DSNAME=(ddd)

Reason:

No prime (or data) area extents exist in either the format-1 or format-3 DSCB for indexed sequential data set (ddd) on volume (vvv). Multivolume data sets may have this characteristic, but because the data set is not cataloged, there is no way to confirm this. In any event, a data set without prime extents cannot be processed.

3060

(ttt) ————- (ddd) ON VOLUME (vvv)

Reason:

This message begins a bracket for one or more messages associated with processing a data set. The type of messages bracketed will be (ttt). By default this is MESSAGES PERTAINING TO (but other text may be issued as well). Data set (ddd) on volume (vvv) is associated with the messages that follow.

3061

MESSAGE(S) COMPLETE FOR (ddd) ON VOLUME (vvv)

Reason:

This message ends a bracket for one or more messages associated with processing data set (ddd) on volume (vvv).

3063

DIRBLKS SPECIFICATION IGNORED FOR NON-EXCP FORMAT

Reason:

The DIRBLKS restore parameter is active only for PDSs archived with CADisk EXCP processing. Specification for non-EXCP archived data sets is ignored.

3064

DIRBLKS ABSOLUTE VALUE INSUFFICIENT; MINIMUM USED - (nnn)

Reason:

The absolute directory block value requested in the restore parameter DIRBLK is not large enough to restore the data set directory. As a result, the minimum value required, (nnn), will be used instead.

3065

DIRBLKS OPTION NOT SUPPORTED FOR DEFERRED RESTORES; ORIGINAL DIRECTORY SIZE WILL BE USED.

Reason:

The DIRBLKS parameter was specified on a deferred restore request. This parameter is not supported in deferred mode. The PDS will be restored with its original directory size.

3066

DIRBLKS ADJUSTMENT VALUE IS NON-NUMERIC

Reason:

The first value in the DIRBLKS parameter contains non-numeric information.

3067

DIRBLKS ADJUSTMENT TYPE IS INVALID (NOT PCT OR ABS)

Reason:

The DIRBLKS parameter adjustment type specified as the second value is not PCT or ABS (percent or absolute, respectively).

3068

REQUESTED DIRECTORY BLOCKS NOT OBTAINED IN FIRST EXTENT. DIRECTORY BLOCKS REQUESTED - (nnn), FORMATTED - (fff).

Reason:

An attempted was made to format (nnn) directory blocks, but only enough space was available to format (fff) directory blocks. A PDS directory must be in first extent in order to facilitate directory block search channel programs.

3069

DS1LSTAR FIELD IN FORMAT-1 DSCB FALSELY INDICATES MORE TRACKS USED THAN ALLOCATED! DATA SET CANNOT BE MODIFIED (OR EXTENDED).

Reason:

The format-1 DSCB's DS1LSTAR field contains a relative track value for the last record written which exceeds the total number of allocated tracks for the data set. Because the next track to extend the data set from is determined by DS1LSTAR, the data set cannot be processed.

3070

MEMBER MERGE INTO UCC CONTROLLED PDS IS PROHIBITED

Reason:

The attempt to add a member into an UCC controlled PDS is rejected because UCC6's product-dependent method is required to update the data set.

3071

INSUFFICIENT DIRECTORY SPACE TO CONTAIN PDS MEMBERS; (bbb)-BLOCK MINIMUM REQUIRED.

Reason:

An attempt to add members to a preallocated PDS failed because not enough directory blocks were available to contain all members. A minimum of (bbb) directory blocks is required for processing.

3072

INCOMPATIBLE ATTRIBUTES PROHIBIT MEMBER LOAD INTO PDS CONTAINING MEMBERS.

Reason:

An attempt to add members to a preallocated partition data set containing members failed because the existing members have incompatible data set attributes; for example, block size, RECFM, LRECL or KEYLEN.

3073

INSUFFICIENT AVAILABLE SPACE TO CONTAIN PDS MEMBERS; (ttt)-BLOCK MINIMUM REQUIRED.

Reason:

An attempt to add members to a preallocated PDS failed because the available allocated space was not large enough to hold the members requested in the restore. A minimum of (ttt) available tracks (free tracks) in the data set is required to satisfy the request.

3074

FALSE EOF DETECTED FOR MEMBER (mmm); MEMBER-TTR=(aaa)/(bbb), PREFIX-TTR=(ccc)/(ddd)

Reason:

In pre-Release 7.5, CADisk used a string of 8X'EE' to denote the end-of-member. In some rare cases, this same sequence of characters would appear in archived data and later be interpreted as the end-of-member at restore time. This informational message relates data used in determining the false EOF, where (mmm) is the name of the real member associated with the false EOF, (aaa) is the first TTR of the member, (bbb) is the highest referenced TTR of the member, (ccc) is TTR in the archive record prefix of the record containing the 8X'EE', and (ddd) is the TTR of the next archived record prefix.

3075

"/xxxxxxx" SELECTED ALL MEMBERS!

Reason:

The pattern /xxxxxxx specified in the member list parameter will result in all members being selected for this entry; that is, all other member list entries are ignored.

3076

MEMBER LIST SELECTED NO MEMBERS!

Reason:

The entries specified in the member list parameter did not match any members in the PDS. As a result, the command associated with the member list will fail.

3077

(eee) SELECTED (nnn) MEMBERS

Reason:

The member list entry specified has selected members for processing as defined on the associated command, where (eee) is the member name or pattern and (nnn) is the number of matching members.

3078

(*eee*) SELECTED NO MEMBERS!

Reason:

Member list entry (*eee*) did not match any member in the PDS.

Note: The processing defined for the command associated with the member list will continue with the other members in the list.

3079

(eee) SELECTION WAS SUPERSEDED BY (fff)!

Reason:

The member list entry (eeeeeeee) meets the same selection criteria as entry (ffffffff). The number of members that would be selected by both are reported as (bbb).

3080

TOTAL MEMBERS SELECTED (*nnn*)

Reason:

When more than one member list entry is specified, this message reports the total number of members (*nnn*) to be processed as defined on the associated command.

Note: The total number of members (*nnn*) may be higher than the sum of all members selected if either an entry in the member list is a real member with alias associated with it or an entry in the member list is an alias, because specification of a member with alias and real member relationships implies processing of all associations.

3081

MEMBER (mmm) ALREADY EXISTS AND NOT REPLACED!

Reason:

During an attempt to add the member (mmm) to the PDS, CADisk found that a member with that name already exists in the PDS. Because the REPLACE parameter was not specified, the member was not added.

Note: The processing defined by the command continues with the remaining members.

3082

(nnn) MEMBERS TOTAL ALREADY EXIST AND NOT REPLACED

Reason:

During an attempt to add members to an existing PDS, it was determined that (nnn) members already exist. Because the REPLACE command option was not specified, these additions failed.

Note: The processing defined by the command continues with the addition of members (selected) not previously existing in the PDS.

3083

NO MEMBERS ARE ADDED OR REPLACED

Reason:

Because all members (selected) previously existed in the PDS and the REPLACE option was not specified for the command, the command's action fails for the data set.

3084

UNDEFINED CLASS-CODE - CODE=(ccc)

Reason:

During processing of the PDS anomalies table, an entry containing an invalid class code (ccc) was detected. The invalid class code is bypassed and processing continues.

3085

PDSANMLY TABLE NOT FOUND IN PARMLIB - TBLNAM=(ttt)

Reason:

Threshold table (ttt), specified through sysparm PDSANMLY, was not found in the PARMLIB data set. Processing continues with default thresholds of zero.

3086

INVALID CLASS-CODE OPTION - CODE=(ccc), OPT=(n)

Reason:

PDS anomaly table specified with sysparm PDSANMLY contains an entry with an invalid option, where (ccc) is the class-code for the entry and (n) is the value of the option in error. Processing continues with default option of zero.

3087

NON-NUMERIC THRESHOLD VALUE - CODE=(ccc), THRES=(ttt)

Reason:

PDS anomaly table specified with sysparm PDSANMLY contains an entry with a non-numeric threshold, where (ccc) is the class-code for the entry and (ttt) is the value of the threshold in error. Processing continues with default threshold of zero.

3088

PDS ANOMALY TABLE (ttt) CONTAINS ERRORS. ERRORS TO FOLLOWING.

Reason:

When errors are detected loading the PDS anomaly table, this message is issued giving the name of the PARMLIB member (ttt) containing the errors which are described in subsequent messages.

3089

#(nnn) PROCESSING THRESHOLD OF (aaa)% EXCEEDED AT (bbb)%

Reason:

The PDS anomaly of class-code (nnn) processing threshold percentage of (aaa) percent is exceeded and calculated at (bbb) percent. This limit is by a table in PARMLIB referenced by sysparm PDSANMLY. As a result, processing for this data set is rejected.

3090

#nnns_____

Reason:

This message relates to anomalous (or error) conditions detected during the processing of partitioned data sets. (nnn) refers to a two-part three-digit class-code and (s) to the function being performed at the time; that is, (A)rchive, (F)iles, and (R)estore.

The precise message is determined by the three-digit code subsequently broken down into three groups.

3090

#0nns _____

Reason:

Class-code (0nnn) refers to anomalies concerning directory problems.

3090

#001s I/O ERROR READING DIRECTORY; LAST BLOCK READ - TTR=(aaaa.aaa)

Reason:

An error occurred while reading a directory block from a PDS. (aaaa.aa) gives the relative track and record of the last directory block read.

3090

#002s ILLEGAL DIRECTORY FORMAT; WRONG LENGTH BLOCK, (nnn) BYTES AT TTR (aaaa.aa)orEND-OF-FILE ENCOUNTERED PRIOR TO DIRECTORY BLOCKS(S)

Reason:

The PDS directory does not follow an intelligible format for the reason indicated. If the first reason is printed, an anomaly has been detected at TTR (aaaa.aa).

3090

#003s END-OF-FILE OCCURRED BEFORE END OF ACTIVE DIRECTORY KEY WAS ENCOUNTERED; END-OF-DIRECTORY IS AT TTR=(aaaa.aa)

Reason:

The end-of-file record for the directory at (aaaa.aa) was read but a key of 8X'FF' was not in any directory block previously read.

3090

#004s DIRECTORY BLOCK KEY IS OUT OF SEQUENCE

Reason:

The key in the preceding directory block displayed contains a key out of sequence.

3090

#005s DIRECTORY BLOCK KEY NOT IN BLOCK

Reason:

The key in the preceding directory block displayed does not contain a member of the same name.

3090

#006s DIRECTORY BLOCK MEMBER(S) ARE OUT OF SEQUENCE

Reason:

The member in the preceding directory block displayed has one or more member names that are not in ascending sequence.

3090

#007s DIRECTORY BLOCK ACTIVE BYTE COUNT IN ERROR

Reason:

The active byte count in the preceding directory block displayed contains an incorrect value.

3090

#1nns _____

Reason:

Class-code (1nnn) refers to anomalies concerning member extent problems.

3090

#101s MEMBER(mmm) WITH TTR=(aaaa.aa) IS BEYOND DATA SET EXTENTS

Reason:

The member (mmm) in the directory has a TTR of value (aaaa.aa), which is outside the maximum calculated tracks for the data set.

3090

#102s MEMBER(mmm) WITH TTR=(aaaa.aa) IS BEYOND DATA SET'S USED SPACE

Reason:

The member (mmm) in the directory has a TTR of value (aaaa.aa), which is outside the maximum calculated tracks for the data set.

3090

#103s MEMBER(mmm) WITH TTR=(aaaa.aa) IS WITHIN DATA SET'S DIRECTORY

Reason:

The member (mmm) in the directory has a TTR of value (aaaa.aa), which is outside the used space for the data set reflected by the format-1 DSCB DS1LSTAR

3090

Class-code (2nnn) refers to anomalies concerning member data problems.

3090

#201s I/O ERROR OCCURRED PROCESSING MEMBER (mmm) AT TTR(aaaa.aa)

Reason:

During the read of member (mmm), an input error was encountered at TTR=aaaa.aa.

3090

#202s REAL MEMBER (aaa) AT TTR+n (bbbb.bb) WAS NOT FOUND. or #202s ALIAS MEMBER (aaa) AT TTR+n (bbbb.bb) WAS NOT FOUND. THE REAL MEMBER IS (ccc)

Reason:

The record at TTR (bbbb.bbb) indicated in the directory entry for member (aaa) did not exist. If member (aaa) is an alias entry, real member (ccc) is displayed.

3090

#203s DUPLICATE REAL MEMBERS EXIST (aaa AND bbb)

Reason:

The member in modules (aaa) and (bbb) have the same starting location or TTR.

3090

#204s MEMBER (aaa) HAS INCORRECT NOTE LIST SIZE FOR RECORD AT TTRN+n (bbbb.bb)

Reason:

The directory entry for member (aaa) indicates a note list exists at TTR (bbbb.bb), but the record length does not match the length indicated by the directory entry

3090

#205s MEMBER (aaa) NOTE LIST REFERS TO A NON-EXISTENT RECORD OF TTRX+n (bbbb.bb)

Reason:

The note list block for member (aaa) contains a reference (or TTRX) for a record TTR (bbbb.bb), but no record exists at that location.

3090

#206s MEMBER(aaa) REFERS TO A NON-EXISTENT RECORD OF TTR+n (bbbb.bb)

Reason:

The directory entry for member (aaa) contains a reference to a record at TTR (bbbb.bb), but no record exists at that location.

3090

#207s ALIAS MEMBER (aaa) IS DISCONNECTED FROM REAL MEMBER (bbb)

Reason:

Alias member (aaa) was connected (or associated) with real member (bbb), but the real member has been updated or deleted without updating or deleting the associated alias member.

If the real member (bbb) is contained within the alias directory entry, it is displayed. Otherwise "????????" is displayed.

3090

#208s MEMBER (aaa) CONTAINS a nnn-BYTE BLOCK and DATA SET'S BLOCK SIZE IS nnn-BYTES or #208s PARTITIONED DATA SET'S LARGEST BLOCK IS nnn-BYTES; THE FORMAT-1 DSCB'S BLOCK SIZE IS nnn-BYTES

Reason:

The member (aaa) contains a record with a length greater than the value of DS1BLKL in the format-1 DSCB. Note, the largest block for the either the data set or member is always displayed.

3090

#209s MEMBER (aaa) REFERS TO A NON-EXISTENT NOTE LIST BLOCK AT TTRN (bbbb.bb)

Reason:

The directory entry for member (aaa) indicates a note list block exists at TTR (bbbb.bb), but none was found at this location.

3090

#210s OVERLAPPING MEMBER (aaa) DETECTED WITHIN MEMBER (bbb)

Reason:

For member (aaa), the directory references a record (or TTR) midway in member (bbb).

3090

#211s MEMBER (aaa) nnn of yyy USER TTR(S) ARE INCONSISTENT WITH DIRECTORY ENTRY DATA LENGTH

Reason:

Of the yyy user TTRs indicated for this directory entry, nnn cannot be contained within the entry's variable user data length. The user TTR count of nnn is ignored.

3090

#212s MEMBER (aaa) IS INCOMPLETE; END OF DATA SET REACHED BEFORE END-OF-MEMBER

Reason:

An end-of-file record was expected for the member (aaa) prior to encountering the end of extents for the data set.

3091

SECONDARY VOLUME SEQUENCE REFERS TO COPY - (vvv), (sss), (ccc)

Reason:

Volume (vvv) sequence (sss) of a multivolume archive contains a copy reference (ccc). The copy reference will be removed.

3092

COPY VOLUME HAS MULTIPLE PRIMARIES - (vvv), (aaa), (bbb), (ccc), (ddd)

Reason:

The copy volume (vvv) has multiple primaries ((aaa) and (ccc)) referencing it. The primary with the earliest creation date ((bbb) and (ddd) respectively) will be deleted.

3093

COPY IS A PRIMARY - (vvv), (ccc)

Reason:

The primary volume (vvv) refers to a copy volume (ccc), but the copy volume is indicated as a primary. The primary's copy reference will be removed.

3094

COPY IS NOT VOLSEQ1 - (vvv), (ccc)

Reason:

The primary volume (vvv) refers to a copy volume (ccc), but the copy volume is indicated as something other than a sequence one volume. The primary's copy reference will be removed.

3095

COPY VOLUME IS MISSING - (vvv), (ccc)

Reason:

The primary volume (vvv) referred to a copy volume (ccc), but the copy volume did not exist in the ARCHVOLS subfile. The primary's copy reference will be removed.

3096

COPY VOLUME (ccc) DELETED FROM VOLUME (ppp), CDATE=(ddd)

Reason:

The primary volume (ppp) created on date (ddd) has had its chained copy (ccc) removed to reconcile the ARCHVOLS subfile.

3097

TYPE 1 FORMAT ARCHVOLS COUNT ERROR; ONE ASSUMED - (vvv), (nnn)

Reason:

A type 1 ARCHVOLS record (vvv) has a multivolume count of (nnn) greater than the maximum of 5; the ARCHVOLS entry is processed with an assumed count of 1.

3098

MULTIVOLUME CHAIN (ccc) IS CORRUPTED; PRIMARY CHAIN (ppp).

Reason:

The multivolume archive chain beginning with volume (ccc) is damaged and will be deleted. If this chain is the primary, (ppp) will contain the text "*SAME*"; otherwise it will contain the volume serial of the primary ARCHVOLS record.

3099

VOLUME (vvv) IS DISABLED BECAUSE COPY (ccc) EXISTS

Reason:

The volume (vvv) is sequence one of a corrupted multivolume archive that was not deleted because a valid copy (ccc) exists; instead sequence one of the corrupted chain is kept and disabled to allow for data set recovery from the copy version (ccc).

Messages 3100-3199

3100

TYPE 1 / TYPE 2 ARCHVOLS CONFLICT - VOL=(vvv) (aaa), SEQ1=(sss), CDATE=(ddd), ARCTYPE=(ttt)

Reason:

Volume (vvv) occurred twice in the ARCHVOLS subfile. The disposition (aaa) is dependent on the creation date (ddd); that is, the later version is KEPT, the earlier version is DELETED. Additional information provided is the volume sequence (sss) and the volume type (ttt) (either PRIMary or COPY).

3101

UNRESOLVED ARCHVOLS DELETED - (vvv), (sss), (ttt), (ddd)

Reason:

Archive volume (vvv) was deleted, either because it cannot be resolved as part of a validly chained sequence, or to resolve a conflict in the ARCHVOLS structure. The volume sequence number is (sss); (ttt) is the type (PRIMary, COPY, or TERTiary), and (ddd) is the date and time.

3102

DUPLICATE VOLUME IN POOL DELETED - (vvv), (ppp)

Reason:

The volume (vvv) occurred twice in the CADisk pools. The version in pool (ppp) is deleted.

3103

POOL VOLUME STATUS UPDATE - (ppp), (vvv), (sss)

Reason:

The repair utility has updated the status of volume (vvv) in tape pool (ppp) to (sss), where (sss) is either in-use because an ARCHVOLS record exists, or scratch because no ARCHVOLS record exists.

3104

ARCHVOLS DEVICE TYPE CHANGE - (vvv), (ooo), (nnn)

Reason:

The DEVTEXIT specified on the REPARCH command requested a device type change in the ARCHVOLS record for volume (vvv) from device type (ooo) to (nnn).

3105

RERUN REPARCH TO RESOLVE TYPE1/TYPE2 ARCHVOLS CONFLICT

Reason:

Because a type 1/type 2 ARCHVOLS conflict existed, REPARCH was not able to reconcile all ARCHVOLS and DMSPOOLS subfile entries. To complete the reconciliation, run the utility again.

3106

SEQFILES LRECL TOO SMALL FOR SUBFILE - (fff), (lll)

Reason:

The CADisk utility to unload the Files Data Set has encountered a record in subfile (fff) that is larger than the LRECL specified on the output DD statement.

Action:

Change the LRECL to (lll) on the output DD statement (SEQFILES) and run the unload utility again.

3108

DSNDLPEX USER EXIT RETURNED INVALID RESULT OF (EXIT RC) TO MODULE.

Reason:

The return code from the user exit module was not 0, 1 or 2.

3109

USER EXIT DISALLOWED USER FROM DELETING RECORD FOR DSNAME (CMDSNAME)

Reason:

The user exit returned the value 2; denying the right to delete the record being processed.

3110

INVALID TIMEDATE ENTERED. THIS COMMAND REJECTED.

Reason:

The minimum length of the timedate value is nine characters. The value specified is too short. Correct the value and resubmit.

3112

(vvv) IS NOT A COPY; PRIMARY NOT UPDATED TO POINT TO IT.

Reason:

Tape volume (vvv) does not carry the copy flag in the ARCHVOLS subfile of the Files Data Set. IXUPDATE does not permit a primary tape to be attached to another primary as though it were a copy.

3113

MULTIVOLUME CHAIN (ccc) SEQUENCE COUNT IS CORRUPTED; PRIMARY CHAIN (ppp).

Reason:

The multivolume archive chain beginning with volume (ccc) has a volume count greater than the number of volumes in the chain; that is, the next volume chained field is blanks. The volume count will be changed to match the volumes in the chain. If this chain is the primary, (ppp) will contain the text "*SAME*"; otherwise it will contain the volume serial of the primary ARCHVOLS record.

3114

ATA SET = (ddd) CONTAINS A BLOCK LARGER THAN THE MAXIMUM BLOCKSIZE FOR THE DEVICE.

Reason:

Data set (ddd) contains a block of data that cannot be written to the device because it exceeds the maximum block size for the device.

Action:

The data set must be restored to a device that has a larger maximum block size.

3120

INVALID DATA SET NAME FOUND IN TABLE = (ttt) ENTRY NUMBER = (eee) DSNAME = (ddd)

Reason:

The table name (ttt) contains an invalid entry. The invalid entry number is (eee). This message occurs when a null entry is specified without single quotes. Type single quotes at the beginning and end of the entry and submit the job again.

3122

DMS WAS RETURNED ERROR CODE = (nn), REASON CODE = (cc) FROM THE RACROUTE REQUEST=VERIFY MACRO ENVIR=(eee) FOR (xx) CHARACTER USERID = (uuu) AND (yy) CHARACTER GROUP NAME = (ggg)

Reason:

CADisk received a non-zero return code from its use of the RACROUTE REQUEST=VERIFY macro.

Action:

To analyze the situation, locate the IBM *System Programming Library: Resource Access Control Facility (RACF) Guide*, or the equivalent CA Top Secret guide. Look up the meaning of the return code (nn) and reason codes (cc) for the value of ENVIR= parameter (eee) in the RACROUTE REQUEST=VERIFY macro documentation in that guide.

3126

ARCHIVE REJECTED DATA SET NAME IS PARENTHESIZED

Reason:

CADisk attempted to process a data set that contains a parenthesis within the data set name. The command was rejected.

Action:

Rename the data set, remove the parenthesis and resubmit the job.

3127

VOLSER LIST MUST BE SUPPLIED FOR VSIDCUTV SYSPARM

Reason:

This message is issued when CADisk is restoring an alternate index for a VSAM cluster and it needs to invoke IDCAMS to perform BLDINDEX processing. CADisk has determined that the IDCUT1 and IDCUT2 DD statements were not specified in the JCL, so CADisk attempts to dynamically allocate them. However, you have not specified system parameter VSIDCUTV to tell CADisk which volumes to use for the sort work files. Because of this, CADisk cannot allocate the sort files. CADisk does not terminate processing, however, since it may be possible for IDCAMS to build the index in memory and not require the external sort work files.

Action:

If the BLDINDEX fails because the IDCUT1 and IDCUT2 DD statements are not allocated, you will need to either specify the VSIDCUTV system parameter or include the IDCUT1 and IDCUT2 DD statements in your restore JCL, then resubmit the job.

3128

ERROR ALLOCATING IDCAMS SORT WORK FILE - EXTERNAL SORT CANNOT BE PERFORMED

Reason:

This message is issued when CADisk is restoring an alternate index for a VSAM cluster and it needs to invoke IDCAMS to perform BLDINDEX processing. CADisk has determined that the IDCUT1 and IDCUT2 DD statements were not specified in the JCL, so CADisk attempts to dynamically allocate them. However, an error was encountered that prevented their allocation. The exact cause of the error is detailed in a previous error message. CADisk does not terminate processing, however, since it may be possible for IDCAMS to build the index in memory and not require the external sort work files.

Action:

If the BLDINDEX fails because the IDCUT1 and IDCUT2 DD statements are not allocated, you will need to either correct the cause of the allocation error or include the IDCUT1 and IDCUT2 DD statements in your restore JCL, then resubmit the job.

3131

(ddd) NOT MIGRATED FROM (vvv): PASSWORD-INDICATED

Reason:

Data set (ddd) on volume (vvv) was rejected for migration from DASD to tape because the PASSWORD parameter was not specified on the MODESET command and the data set was password-indicated.

3132

(ddd) NOT MIGRATED FROM (vvv): NOT PASSWORD-INDICATED

Reason:

Data set (ddd) on volume (vvv) was rejected for migration from DASD to tape because the PASSWORD parameter was specified on the MODESET command and the data set was not password-indicated.

3134

GOOD COMPARISON FOR THE FOLLOWING DSNINDEX RECORD: DSNAME = (ddd), ARCHIVE DATE=(yyyy.ddd), ARCHIVE TIME=(hh:mm)

Reason:

The RACF profile comparison check has determined that a DSNINDEX record in the user's Files Data Set corresponds to a RACFENCD record in the user's Files Data Set. This is an informational message only and indicates a normal condition.

3135

THE FOLLOWING FIELDS IN THE FIRST OPERAND OF THIS CRITERIA WERE UNRESOLVABLE

3135

IF THEY ARE DATES, USE A DIFFERENT DATE FORMAT

3135

IF ALL OF THEM ARE NOT DATES, USE A LEADING ZERO

3135

UNRESOLVABLE FIELD = (xxx)

Reason:

For each field in the criteria selection, DSCL must determine whether the number represents a date or an absolute value. For 5-digit numeric values this can be a problem. CADisk tries to resolve these values by looking at the context in which they were used. If they cannot be resolved, this message is printed.

Action:

If the unresolved 5-digit value is a date, simply use one of the other acceptable CADisk date formats (that is, if the value = 99365, reenter the job with the value set to 99.365. If the value is an absolute number, insert a leading zero (that is, if the value = 75000, reenter the job with the value set to 075000).

At least two values will always be unresolved. You will need to change only one.

3136

ENQUEUE OF ARCHIVE TAPE FAILED, VOL=(vvv), TAPE IN USE

Reason:

Archive tape volume (vvv) was pulled from the CADisk tape pool for use as a scratch tape. The system enqueue against this volume was not successful. The tape is in use either in another CADisk job or in any user batch job. Double-check your tape pool to make certain it is in sync.

3138

ERROR RETRIEVING START COMMAND PARAMETER, EXECUTION TERMINATING

Reason:

While running the automatic function to install the CADisk auto-restore catalog management interface, CADisk encountered an invalid input parameter. Valid parameters are INSTALL, REMOVE and STATUS.

Action:

Provide correct parameters and resubmit the job.

3139

DMS INTERFACE MODULE ADSAR010 IS NOT INSTALLED

Reason:

A status check of the CADisk auto-restore catalog management interface indicates that the interface is not active.

3140

DMS INTERFACE MODULE ADSAR010 IS INSTALLED

Reason:

A status check of the CADisk auto-restore catalog management interface indicates that the interface is installed and active.

3141

MODULE ADSAR010 APPEARS TO BE INSTALLED; INSTALL ACTION BYPASSED

Reason:

During the installation of the CADisk auto-restore catalog management interface, CADisk determined that a copy of the interface (module ADSAR010) was already present. This copy of the catalog management interface module must first be removed before a fresh copy of the module can be installed.

3142

DMS CATALOG MANAGEMENT HOOK HAS BEEN INSTALLED SUCCESSFULLY

Reason:

The automatic installation of the auto-restore catalog management interface has successfully completed.

3143

ESTAE CANNOT BE SET

Reason:

During an attempt to install the CADisk auto-restore catalog management interface, an ESTAE cannot be established.

Action:

Contact CA Technical Support for assistance.

3144

ERROR RETRIEVING STORAGE FROM CSA TO HOLD DMS INTERFACE MODULE

Reason:

During an attempt to install the CADisk auto-restore catalog management interface, CADisk encountered insufficient CSA to load the interface module.

Action:

Determine what has allocated CSA, release it, and try the installation procedure again.

3145

OLD CAT MGMT EPA=(xxx); NEW EPA=(yyy); SVC TABLE ENTRY ADDR=(zzz)

Reason:

Following the installation of the CADisk auto-restore catalog management interface, this message displays the original address of the SVC 26 catalog management module (xxx), its new address (yyy), and the address of the SVC 26 entry in the SVC table itself (zzz). No action is required.

3146

LOAD OF DMS INTERFACE MODULE ADSAR010 FAILED, RC=(xx)

Reason:

During an attempt to install the CADisk auto-restore catalog management interface, a non-zero return code was received when the CADisk interface module was loaded, and the load failed.

Action:

Contact CA Technical Support for assistance.

3147

LOAD OF DMS INTERFACE MODULE ADSAR010 FAILED (INTO CSA); RC=(xx)

Reason:

During an attempt to install the CADisk auto-restore catalog management interface, a non-zero return code was received when the CADisk interface module was loaded into CSA, and the load failed.

Action:

Contact CA Technical Support for assistance.

3148

ERROR OPENING DCB FOR STEPLIB, CHECK FOR MISSING DD

Reason:

During an attempt to install the CADisk auto-restore catalog management interface, an OPEN error occurred for the STEPLIB DD data set.

Action:

Ensure that the DD statement exists and that the data set is not in error.

3149

CATALOG MANAGEMENT INTERFACE DOES NOT APPEAR TO BE INSTALLED; DELETE REQUEST HAS BEEN BYPASSED

Reason:

During an attempt to remove the CADisk auto-restore catalog management interface, CADisk found no interface module installed. The request to delete the interface is ignored.

3150

CATALOG MANAGEMENT INTERFACE IS NOT THE FIRST IN MODULE CHAIN; MODULE CANNOT BE DELETED

Reason:

During an attempt to remove the CADisk auto-restore catalog management interface, CADisk found another catalog management interface.

Action:

This module must be removed before the CADisk auto-restore catalog management interface module can be deleted.

3151

SVC TABLE ENTRY HAS BEEN UPDATED - OLD CAT MGMT EPA=(xxx); NEW EPA=(yyy) SVC TABLE ENTRY ADDRESS=(zzz)

Reason:

Following the removal of the CADisk auto-restore catalog management interface, this message displays the old address of the module (xxx), the new address of the catalog management module (yyy), and the address of the SVC 26 entry in the SVC table itself (zzz). No further action is required.

3152

WAITING FOR RUNNING AUTO-RESTORE JOB TO COMPLETE

Reason:

During an attempt to remove the CADisk auto-restore catalog management interface, CADisk determined that an auto-restore job was in execution. The interface module will not be deleted until the auto-restore has completed. No other auto-restore jobs will be started through the catalog management interface module.

3153

DMS INTERFACE MODULE ADSAR010 DELETED SUCCESSFULLY

Reason:

The request to remove the CADisk auto-restore catalog management interface module was successfully completed.

3154

ESTAE EXIT ENTERED, SYSTEM CODE=(xx); USER CODE=(yy)

Reason:

During an attempt to install the CADisk auto-restore catalog management interface, CADisk encountered an error and the ESTAE exit has been invoked.

Action:

Contact CA Technical Support for assistance.

3155

ENTRY POINT=(xxx)

Reason:

During an attempt to install the CADisk auto-restore catalog management interface, CADisk encountered an error.

Action:

Contact CA Technical Support for assistance.

3156

SDWA CANNOT BE OBTAINED — NO FURTHER INFORMATION AVAILABLE

Reason:

During an attempt to install the CADisk auto-restore catalog management interface, CADisk encountered an error.

Action:

Contact CA Technical Support for assistance.

3157

EC PSW AT TIME OF ABEND=(xxx)

Reason:

During an attempt to install the CADisk auto-restore catalog management interface, CADisk encountered an error.

Action:

Contact CA Technical Support for assistance.

3158

ENTRY POINT=(xxx), OFFSET=(yyy)

Reason:

During an attempt to install the CADisk auto-restore catalog management interface, CADisk encountered an error.

Action:

Contact CA Technical Support for assistance.

3159

GENERAL PURPOSE REGISTERS AT TIME OF /:

Reason:

During an attempt to install the CADisk auto-restore catalog management interface, CADisk encountered an error.

Action:

Contact CA Technical Support for assistance.

3160

DMS CATALOG MANAGEMENT INTERFACE HAS NOT BEEN REMOVED DUE TO SIMULTANEOUS INSTALL/REMOVE OF ANOTHER INTERFACE

Reason:

During an attempt to remove the CADisk auto-restore catalog management interface, CADisk determined that another interface was simultaneously being added or removed.

Action:

Determine the status of the CADisk catalog management interface and resubmit the request to remove it.

3163

DEFERRED RESTORE REQUEST HAS BEEN ACCEPTED FOR DSN=(ddd)

Reason:

This informational message indicates that (ddd) has been successfully stored into the RESTCMDS subfile of the Files Data Set.

3164

DEFERRED RESTORE REQUEST REJECTED WITH RC= nn

Reason:

The data set being processed was not successfully queued into the RESTCMDS subfile of the Files Data Set.

3166

RESTORE FAILED RETURN CODE = (rc) FOR DSN = (ddd)

Reason:

An auto-restore request failed for ddd. See other messages, if any, that accompany this message for a detailed reason for the restore's failure. If there are no other messages or more detail is required, see the output of the DMSAR started task.

3167

ARCB CONTAINED INVALID DATA, NOT FREED

Reason:

The Automatic Restore Control Block (ARCB) has either been overlaid or has been freed by an auto-restore screening exit.

Action:

If no user-defined auto-restore screening exit has been installed, contact CA Technical Support for assistance.

3168

ARCB IS NOT VALID - CANNOT ISSUE POST

Reason:

The Automatic Restore Control Block (ARCB) has either been overlaid or has been freed by an auto-restore screening exit.

Action:

If no user-defined auto-restore screening exit has been installed, contact CA Technical Support for assistance.

3169

LACK OF ENQUEUE IN IDLE SPACE RELEASE CAN CAUSE LOSS OF DATA OR LACK OF EFFECTIVENESS. REMOVE DMS SYSPARM USERSENQ AND RERUN THIS TASK; ABEND 200

Reason:

To protect the integrity of data and of CADisk, the CADisk Idle Space Release function does not allow the use of the CADisk user exit USERSENQ. CADisk abends with user 200.

Action:

Remove CADisk sysparm USERSENQ from this task (you may use sysparm overrides), and rerun the task.

3171

DATA SET NAME CONTAINS EMBEDDED PARENTHESES; AUTO-RESTORE REJECTED FOR DSNAME (ddd)

Reason:

An auto-restore has been invoked for a data set whose name appears invalid. The auto-restore is rejected. This error can occur if the data set name specified in JCL is enclosed in single quotes.

Action:

Remove the single quotes from the JCL to allow an auto-restore to run, or restore the data set prior to job submission.

3173

RACF MODELING IS INDICATED BUT IS NOT AVAILABLE. SEE RACFMODL SYSPARM

Reason:

Restore processing is attempting to set the RACF profile status of the data set equivalent to the status at backup or archive time. Specifically, CADisk believes that the target data set should have a discrete RACF profile. Unfortunately, CADisk does not have a discrete profile to give it, probably because sysparm RACFBKUP has been specified to cause CADisk to not save discrete RACF profiles at backup or archive time.

Action:

Create a discrete profile that will be the model for CADisk to use in these situations. Then specify CADisk sysparms RACFMODL, RACFMDSN and RACFMVOL to point to this model profile, and rerun the task.

3175

ONLINE REPORTING ABENDED WITH A USER (nn) ABEND 3175 ONLINE REPORTING ABENDED WITH A SYSTEM (oo) ABEND

Reason:

An abend has occurred during CADisk online reporting. To determine the condition associated with user abends, examine previous messages (if any), and see the appendix "Common Return Codes".

Action:

For system abends, examine previous messages, if any, and see the IBM *Message Library: System Codes Guide*, and examine the ABEND section for the abend code (nnn).

3176

DMS WAS RETURNED AN ERROR RETURN CODE FROM THE RACF RACHECK MACRO — ERROR CODE = (ccc), VOLUME = (vvv), ACCESS = (aaa), CLASS = DASDVOL

Reason:

System RACF routines have returned an error return code from the RACF (RACHECK) macro. CADisk was attempting to determine if the user was authorized to process the volume (vvv). The error code with the value (ccc) was not expected.

Action:

See the documentation for the (RACHECK) macro to determine the cause of the error encountered. If it appears to be an internal CADisk error, contact CA Technical Support for assistance.

3177

NOT AUTHORIZED BY RACF FOR ACCESS = (aaa) FOR DASD VOLUME SERIAL = (vvv)

Reason:

CADisk RACF support has issued the system RACHECK macro to ask RACF if the user is authorized to process the volume (vvv). The access level CADisk was requesting for the volume is (aaa). The RACF class is DASDVOL.

Action:

Depending on the type of function being performed, if access to the volume is denied by RACF, the data set itself may be checked by RACF. If processing cannot be done without the requested access to the volume, have the person authorized to process the volume run the CADisk job.

3178

AN ALTERNATE TRACK HAS BEEN ASSIGNED FOR TRACK (cchh) ON VOLUME (vvv).

Reason:

A permanent data check has occurred on the original track (cchh) on volume (vvv), and an alternate track has been assigned.

3179

ACTIVE WORKFILE CONTAINS (ddd) ON (vvv).

Reason:

This message will be issued when a user attempts to execute PDS Compress processing (other than the RELOAD command) on a Compress workfile that still contains data from a previous execution of PDS Compress that failed.

Note: If all commands are processed successfully, PDS Compress will delete the workfile automatically.

Action:

If in conjunction with this message, a Copyback message is not issued, or a Compress Complete message is issued, you must delete the workfile before reexecuting the Compress procedure.

If the previous execution failed between these two steps (the Copyback and Compress Complete steps), it will be necessary to reconcile the workfile with the current data set to make sure no members are missing or have been added before attempting a RELOAD.

3180

SYSPARMS DD SPECIFIED, BUT SYSPARMS MAY NOT BE OVERRIDDEN (SYSPARMO VALUE IS NOT 'Y')

Reason:

You have specified a SYSPARMS DD statement for the CADisk task, but CADisk can not honor the DD statement because sysparm SYSPARMO has been specified with a value of (n). The job is terminated.

Action:

If your installation still intends to prevent sysparms from being overridden in JCL, you should remove the SYSPARMS DD statement. If your installation intends to allow some or all users to override sysparms in JCL, your CADisk administrator should specify sysparm SYSPARMO with a value of Y or S.

3181

WARNING: (sss) DD STATEMENT IGNORED DUE TO INSUFFICIENT ACCESS TO (ddd)

Reason:

Your security package, through the System Authorization Facility (SAF) MVS router, has denied your use of data set (ddd), so CADisk has rejected your use of DD statement (sss). Your security package has probably issued other messages in the JES log, or just prior to this message.

Action:

See your security administrator or your CADisk administrator about obtaining access to this resource, or remove the offending DD statement from your task. CADisk continues as if you had not specified the DD statement.

3182

WARNING: CA DISK (v.r.m) REQUIRES A (v.r.m.) FORMATTED PARMLIB WARNING: YOU ARE USING A (v.r.m.) FORMATTED PARMLIB

Reason:

CADisk has found that its software and the PARMLIB are from different releases. Unpredictable results may follow, often dealing with CADisk sysparms.

Action:

CADisk continues processing. If problems develop, rerun the task with a correct PARMLIB for your level of software.

3183

THIS TASK IS RUNNING NON-APF-AUTHORIZED

Reason:

The text for this message may differ. Two possible messages you may see associated with this message are:

3183

WARNING: THIS TASK IS RUNNING NON-APF- AUTHORIZED, UNPREDICTABLE RESULTS MAY FOLLOW

Reason:

CADisk has discovered it is not executing under TSO, and is not executing from an APF-authorized library. Under TSO, CADisk uses DADSM allocation, RESERVE, ENQ, DEQ and other operations, which VS operating systems regard as authorized tasks? Unpredictable results may follow. Even though CADisk continues to process, system abends will usually occur, as well as unknown return codes. If problems develop, APF-authorize the CADisk load library (and any other libraries in your STEPLIB DD statement), and rerun the task.

3183

THIS TASK IS RUNNING NON-APF-AUTHORIZED, CORRECT AND RE-RUN THE JOB

Reason:

The CADisk task currently executing requires a MVS authorized environment. The task was not running in this environment and a subsequent S047 abend will occur. Correct the operating environment and rerun the job. If problems persist, consult the IBM abend codes document under abend S047 for more information about how to correct this problem.

3184

YOU ARE RUNNING WITH AN UNAUTHORIZED DMS PARMLIB (ddd) RERUN WITH AUTHORIZED PARMLIB (lll - list); ABEND 200

Reason:

Your CADisk administrator has restricted the use of the (ddd) CADisk PARMLIB or PARMLIBD DD statements. Your use of the first data set name specified has violated that restriction. CADisk terminates with a user 200 abend.

Action:

Redirect your PARMLIB or PARMLIBD DD statement to an authorized parmlib. The authorized parmlibs (or CADisk PARMLIB pattern names) are listed for your convenience. Or see your CADisk administrator to get your parmlib authorized.

3185

NO VALID ENTRIES EXIST IN MEMBER (mmmmmmmm) IN (ddd); ABEND 200

Reason:

Your CADisk administrator has restricted the use of the PARMLIB or PARMLIBD DD statements. CADisk cannot validate your use of the PARMLIB or PARMLIBD DD statements because the list of authorized PARMLIB data sets has no valid entries in it. CADisk terminates with a user 200 abend.

Action:

Have your CADisk administrator insert at least one valid entry in member (mmm) of the partitioned data set (ddd). Then rerun the task.

3186

YOU ARE USING MORE THAN (nnn) ENTRIES IN MEMBER (mmm) OF (ddd) RERUN WITH FEWER THAN THIS NUMBER; ABEND 200

Reason:

Your CADisk administrator has restricted the use of the CADisk PARMLIB or PARMLIBD DD statements. Your installation's list of authorized parmlibs in member (mmm) of data set (ddd) exceeds the maximum number allowed by CADisk (30). CADisk terminates with a user 200 abend.

Action:

Reduce the number of entries in the list and rerun the task.

3187

CANNOT (allocate/read) AUTHORIZED PARMLIB LIST DUE TO PREVIOUS ERROR; ABEND 200

Reason:

CADisk PARMLIB security processing cannot allocate or read the list of authorized CADisk PARMLIBs, and therefore cannot guarantee its own integrity. CADisk terminates with a user 200 abend.

Action:

Correct the problem, which caused the previous messages and rerun the task.

3188

MEMBER (mmm) NOT FOUND IN (ddd); ABEND 200

Reason:

Your CADisk administrator has restricted the use of the PARMLIB or PARMLIBD DD statements. CADisk cannot validate your use of the PARMLIB or PARMLIBD DD statements because the list of authorized PARMLIB data sets does not exist. CADisk terminates with a user 200 abend.

Action:

Have your CADisk administrator create an authorized parmlib list in member (mmm) of partitioned data set (ddd). Then rerun the task.

3189

YOU ARE RUNNING WITH AN UNCATALOGED BUT OTHERWISE AUTHORIZED DMS PARMLIB (ddd); ABEND 200

Reason:

Your CADisk administrator has restricted the use of the CADisk PARMLIB or PARMLIBD DD statements. Your use of a non-cataloged version of data set name (ddd) has violated that restriction. CADisk terminates with a user 200 abend.

Action:

Redirect your PARMLIB or PARMLIBD DD statement to the cataloged version of the authorized parmlib and rerun the task.

3190

F1DSCB UPDATE UTILITY STARTED, ENTER APPROVAL IF OK

Reason:

The format-1 DSCB Update Utility is executing in an implicit mode. Before updating a DSCB, CADisk requires that the requestor is authorized to both update and scratch the associated data set.

Action:

To update the DSCB, the operator must reply with an O. Any other response terminates the utility.

Important! This utility performs the functions of an automated and fairly sophisticated superzap utility for the VTOC. As a result, the benefits and convenience can be very rewarding. However, the potential for causing tremendous damage is equally as great, especially when it is run in implicit mode. Any implicit update should always be run in simulate mode first to ensure you will update only the wanted data sets. You should also consider using your security system to restrict access to program ADSDM235, or move that module to a library where even read access is tightly controlled!

3191

SECURITY DASDVOL CLASS IS INACTIVE; ALL VOLUME SECURITY CHECKING BYPASSED

Reason:

This message applies only to RACF and Top Secret security processing when sysparm SECURVOL is specified with a value of Y. Since the DASDVOL class is inactive or not defined to RACF or Top Secret, a security check cannot be done on any volume. Processing is authorized for all volumes.

3192

**** WARNING ** TOP SECRET IS NOT ACTIVE; SETTING OF TOPSSUPP SYSPARM SAYS TO PROCESS WITH TOP SECRET SUPPORT; SETTING OF TOPSFORC SYSPARM SAYS TO abend/proceed**

Reason:

CADisk has used the RACSTAT macro to determine if Top Secret is active on the system. The return code from the macro indicates it is not active. Your installation has indicated with sysparm TOPSSUPP that CADisk should run with Top Secret active.

Action:

Your installation has also indicated with sysparm TOPSFORC what should be done in this situation. If it is specified with a value of N, CADisk abends. If it is specified with a value of Y, CADisk proceeds, bypassing all Top Secret security checking.

3193

INVALID CONTROL INTERVAL CONTROL INFORMATION DETECTED: DSN: (ddd) DUMP OF CONTROL INTERVAL CONTAINING ERROR FOLLOWS

Reason:

While processing VSAM data set (ddd), CADisk encountered invalid information in the control interval. A dump of the data set control interval in error follows this message.

This problem may be caused by an actual error in the data set, or when you have specified options which allow CADisk to read the data set at the same time it is being updated by another task.

Action:

Correct the error and rerun the CADisk job.

3194

DATA SET SPECIFIED IN RELOAD COMMAND CONTAINS MEMBERS. RELOAD CAN ONLY BE PERFORMED IF EMPTY.

Reason:

This message is issued when a user attempts to execute the PDS Compress RELOAD command and CADisk finds that the target PDS to be reloaded is not empty, but contains members. The PDS has been updated subsequent to the Compress failure.

Action:

Direct the workfile to a new data set name and manually reconcile the members.

3195

COMPRESS WORKFILE NOT FOUND ON VOL=(vvv), DSN=(ddd). DELETE CATALOG ENTRY AND RERUN COMPRESS.

Reason:

This message is issued when PDS Compress RELOAD processing attempts to determine if the workfile contains data, but the workfile does not exist on the volume to which it is cataloged (vvv).

Action:

Delete the workfile (ddd) from the catalog and resubmit the Compress job.

3198

SYSPARMS DYN1UNIT TO DY20UNIT CANNOT POINT TO DISK DEVICES.

Reason:

This message is issued if an esoteric or unit name that corresponds to a disk device is assigned to any of these sysparms. A user 200 abend follows.

Action:

Change the sysparm to point to a tape- or cartridge-type device.

3199

RETPD/RETPD2 AND EXPDT/EXPDT2 ARE MUTUALLY EXCLUSIVE. SPECIFY ONE AND RESUBMIT.

Reason:

Retention period and expiration date have been specified on the command. Only one can be used.

Action:

Take corrective action and resubmit the job.

Messages 3200-3299

3203

CREATING NEW SECURITY ENVIRONMENT FOR USERID (uuu) or CREATING NEW SECURITY ENVIRONMENT FOR USERID (uuu) AND GROUP (ggg)

Reason:

The sysparm ARSECURE is specified with a value of R or Y (the default is N). This has caused CADisk to create an ACEE (Accessor Environment Element) control block and the associated pointers to it for user ID (uuu) and optional group name (ggg). This was done by using the RACROUTE macro specified with REQUEST=VERIFY and ENVIR=CREATE. A corresponding message from your security package appears in the JES log for the task. This message is informational only.

3204

INPUT ACCESS AUTHORIZED FOR DSN = (ddd)

Reason:

Sysparm ARSECURE has been specified with a value of R, which causes CADisk to check for READ authority for data set (ddd) while under the temporary security environment of the originating task. The request was approved and the task will proceed. This message is informational only.

3205

Sx37-(nn) ABEND ON //COMPWORK DD PROCESSING DSN=(ddd) ON VOL=(vvv); (aaa) TRACKS ARE REQUIRED FOR COMPRESS WORKFILE; (bbb) TRACKS ARE ALLOCATED.

Reason:

This message was issued because CADisk ran out of workfile space while processing data set (ddd) on volume (vvv) during PDS Compress processing. All allocated tracks (bbb) on the compress workfile were exhausted before completing the copy-out phase, which would have required (aaa) tracks. Processing for the data set terminates without compressing it. PDS Compress continues processing other data sets.

Action:

To process the data set, allocate a larger compress workfile.

Note: For more information, see the section Step 3. Customize JCL Procedures in the *Installation Guide*.

3207

TO USE THE CA DISK PRODUCT IN LIVE MODE - CONTACT YOUR CA DISK MARKETING REPRESENTATIVE

Reason:

Special configurations are required to use CADisk in live mode. You must contact your marketing representative for more information.

3208

COPY OF DMSPARMS FROM A PREVIOUS RELEASE HAS BEEN LOADED. PROCESSING TERMINATED.

Reason:

A copy of the DMSPARMS load module, created prior to Release 8.0, has been loaded for CADisk processing.

Action:

Replace the module with a copy from the proper CADisk library and rerun the job. This error message may be accompanied by either message 3206 or 3207.

3228

(ddd) IN VTOC, NOT FOUND IN DMS ARCHIVES

Reason:

CADisk found the data set name (ddd) in its version of the VTOC, but cannot recover the data set because it was not in the CADisk archives. This is an informational message because only the data set name is available for selection.

3230

INVALID DATA SET NAME (ddd)

Reason:

Data sets created with the VBACKUP facility are not supported in the CADisk archive EXTRACT utility. These volume-level backup data sets can be identified by their CADisk-generated name pattern of DMSOS.V/.

3232

NOT AUTHORIZED BY RACF FOR ACCESS = (aaa) FOR DASD VOLUME SERIAL NUMBER = (vvv)

Reason:

Processing controlled by the CADisk sysparm SECURVOL has determined that RACF profiles in the DASDVOL class do not grant you (aaa) level of access to volume (vvv). CADisk will continue with a check of profiles in the DATA SET class.

Action:

If no more messages follow, DATA SET-class checking has approved the access and CADisk will proceed normally. If messages regarding the DATA SET class follow, CADisk will bypass processing of the resource.

3233

DATA SET NAME PREFIX = (ddd) FOR SEQUENTIAL MIGRATE TAPE FIRST FILE EXCEEDS MAXIMUM OF 22 CHARACTERS

Reason:

The first data set on the sequential migrate tape is created by CADisk. The data set name consists of a data set name prefix (ddd) taken from the MIGRATE DD statement in the sequential migrate JCL, and a date and time stamp appended by CADisk.

During sequential migrate processing, CADisk encountered a data set name prefix that is longer than the maximum length of 22 characters, which does not allow enough space for the date and time stamp appendage.

Action:

Change the data set name prefix specified in the MIGRATE DD statement to a prefix that is 22 characters or fewer, and resubmit the job.

3234

UNABLE TO CATALOG DATA SET CREATED BY DMS AS FIRST SEQUENTIAL MIGRATE FILE. SEE FOLLOWING MESSAGES FOR REASON

Reason:

This message is issued only if you have specified the DMYCATLG parameter of the MODESET command and CA Disk is not able to catalog the CA Disk-created first data set on a sequential migrate tape. Subsequent messages explain why the catalog request failed. This message is informational only, and processing continues with the data set left uncataloged.

3235

EXPDT VALUE IS INVALID

Reason:

The expiration date specified in the command is not a valid date. The command will be bypassed.

Action:

Correct the value and resubmit the job.

3236

VOLUME-LEVEL RECOVERY COMPLETED FOR VOLUME (vvv)

Reason:

The volume-level recovery of volume (vvv) has completed successfully. If the UPDATE parameter was specified on the VRECOVER command, data set-level recovery will begin.

3237

VOLUME-LEVEL RECOVERY FAILED FOR VOLUME (vvv)

Reason:

The volume-level recovery of volume (vvv) has failed. If the UPDATE parameter was specified on the VRECOVER command, data set-level recovery will not take place.

3238

ARCHIVED VOLUME (aaa), A (bbb) DEVICE, IS INCOMPATIBLE WITH RESTORE VOLUME (ccc), A (ddd) DEVICE.

Reason:

The volume archived (aaa) was a (bbb) device. It has different attributes than volume (ccc), a (ddd) device.

Action:

For volume-level recovery, the source and destination device type must be the same; for example, you may recover a 3350 device to a 3350 device, but not a 3350 device to a 3380 device.

3239

MORE CYLINDERS EXIST ON ARCHIVED VOLUME (vvv) THAN ON TARGET RESTORE VOLUME (ttt)

Reason:

During a volume-level recovery process, CADisk has determined that the archived volume (vvv) has more cylinders than the target volume (ttt). Both volumes are the same device type but volume (vvv) has a higher density than volume (ttt). You can only recover to a volume with equal or higher density.

Action:

Resubmit the VRECOVER request, specifying a target volume with the same or higher density.

3240

ABSTRKS RANGE (cccchhhh-cccchhhh) IS IMPROPERLY SPECIFIED

Reason:

During a volume-level recover, CADisk has determined that the ABSTRKS= parameter is specified incorrectly. The beginning to ending range is not ascending, the head portion of the range (hhhh) is not valid for the device, or the cylinder portion (cccc) is greater than the maximum for the device.

Action:

Correct the parameter and resubmit the job.

3242

(aaa) AND (bbb) PARAMETERS ARE MUTUALLY EXCLUSIVE

Reason:

When parameter (aaa) and parameter (bbb) are both specified on the same command, the command cannot be interpreted correctly.

Action:

Specify either of these parameters on the command, but not both.

3243

WHEN PARAMETER (aaa) CONTAINS A LIST, PARAMETER (bbb) IS AMBIGUOUS.

Reason:

Because parameter (bbb) is applicable only to a single entry of parameter (aaa), when a list or multiple entries are specified for parameter (aaa), parameter (bbb) cannot be interpreted accurately.

Action:

Correct the parameter specification and resubmit the request.

3244

ABSTRKS PARAMETER SPECIFIED CYLINDER ADDRESS GREATER THAN ARCHIVED VOLUME MAXIMUM OF (ccc) CYLINDERS

Reason:

During a volume-level recover, CADisk has determined that the ABSTRKS= parameter was specified incorrectly. A range was specified that was over the maximum for the volume that was archived. The highest cylinder on the archived volume is (ccc).

Action:

Correct the parameter and resubmit the job.

3246

VARY OFFLINE FAILED FOR UNIT (uuu) and VOLUME (vvv)

Reason:

As part of the volume-level recover processing, CADisk has attempted to vary the volume (vvv) with unit address (uuu) offline, as part of the volume clip operation. After a 30-second wait, the volume is still online. The volume clip has failed.

Action:

You may try to vary the volume offline manually, then vary it back online and mount it manually.

3247

VARY ONLINE FAILED FOR UNIT (uuu) AND VOLUME (vvv)

Reason:

As part of the volume-level recover processing, CADisk has attempted to vary the volume (vvv) with unit address (uuu) online, as part of the volume clip operation. After a 30-second wait, the volume is still offline. The volume clip has failed.

Action:

You may try to vary the volume online and mount it manually.

3248

MOUNT FAILED FOR UNIT (uuu) AND VOLUME (vvv)

Reason:

As part of the volume-level recover processing, CADisk has requested a mount for volume (vvv) with unit address (uuu), as part of the volume clip operation. After a 30-second wait, the volume is still not mounted. The volume clip has failed.

Action:

You may try mounting the volume manually.

3249

VOLUME ID (vvv) ALREADY EXISTS ON ANOTHER UNIT (uuu)

Reason:

During volume-level recover processing, CADisk has determined that another unit with the device address of (uuu) has the same volume ID as the one specified in the IDVOL= parameter (vvv) for the target volume.

Action:

Specify for the IDVOL= parameter a volume ID that does not already exist on this system and resubmit the request.

3250

(nnn) DATA SETS ARE IN USE ON VOLUME - (vvv), RECOVER CONTINUED WITH LOSS OF INTEGRITY

Reason:

The DSNENQ parameter was specified as either EXC or SHR on a VRECOVER command. CADisk has found that (nnn) data sets were in use on volume (vvv). The volume- level recover is continued on volume (vvv), but with loss of integrity.

3251

ENQ NOT PERFORMED ON DATA SET (ddd)

Reason:

During VBACKUP processing, CADisk has determined that the DSNENQ parameter is specified as NONE, which can cause loss of integrity on data set (ddd). This message is informational only, and can be suppressed by specifying sysparm ENQMSGES with a value of N.

3252

CANNOT FIND VVR FOR (ddd)

Reason:

During VBACKUP processing CADisk cannot locate the VSAM Volume Record (VVR) for data set (ddd). This data set is considered disconnected from the VVDS and will be processed as a non-VSAM data set.

3253

CANNOT FIND VVDS ON VOLSER (vvv)

Reason:

During VBACKUP processing, CADisk has determined that the VVDS on volume (vvv) does not match the VVDS being requested. Any VSAM data sets on this volume will be processed as non-VSAM.

Action:

If this volume has been recovered previously from a different volume using the VRECOVER command, you will need to rename the VVDS.

3254

INVALID RETURN CODE FROM VVDS READER

Reason:

The return code from the VVDS reader is invalid.

Action:

Contact CA Technical Support for assistance.

3255

VBACKUP DOES NOT CURRENTLY SUPPORT DEVICES WITH MORE THAN 16 MILLION TRACKS

Reason:

An attempt was made to backup an Extended Address Volume with greater that 16,777,215 tracks (1,118,481 cylinders) and VBACKUP doesn't support volumes that large.

Action:

Correct the VBACKUP jobsteam to not include volumes with more than 1,118,481 cylinders.

3256

DATA SET WITH NO EXTENTS NOT BACKED UP: (ddd)

Reason:

CADisk has encountered data set (ddd) with zero extents. This type of data set is usually a model DSCB or a GDG base. Only the data set's VTOC entry is backed up.

3257

TRACK OVERFLOW DATA SETS NOT BACKED UP: (ddd)

Reason:

CADisk volume level backup processing has encountered track overflow data set (ddd). This type of data set is not supported in VBACKUP processing. The data set is bypassed and processing continues.

Action:

Note: For more information about backing up track overflow data sets, see the section Track Overflow Data Sets in the *User Guide*.

3258

DUPLICATE VVR FOR (ddd)

Reason:

CADisk has encountered duplicate VVRs for VSAM data set (ddd). The data set will be processed as a non-VSAM data set.

3259

(nnn) DATA SETS ARE IN USE ON VOLUME (vvv), RECOVER CANCELED

Reason:

The DSNENQ parameter was specified as either EXC or SHR on a VRECOVER command. CADisk has found that (nnn) data sets were in use on volume (vvv). The volume-level recover is terminated for volume (vvv).

3260

(jjj) IS WAITING FOR (nnn) DATA SETS REPLY: LIST, RETRY, CONTINUE OR CANCEL

Reason:

The GOAHEAD parameter was specified as OPERATOR on a VRECOVER command. CADisk has found that (nnn) data sets needed for job (jjj) were in use. This message is issued on the operator's console, giving the operator four possible responses. The following is a list of repl values for the GOAHEAD operator command:

Reply: LIST

Produces a list of the (nnn) data sets for which enqueues cannot be obtained.

Reply: RETRY

Causees CADisk to try again to obtain enqueues on the (nnn) data sets.

Reply: CONTINUE

Causes CADisk to continue processing without the integrity protection provided by the enqueues.

Reply: CANCEL

Causes CADisk to terminate volume-level recover processing.

3261

(jjj) DATA SET IN USE, DSNAME - (ddd)

Reason:

If the operator responds LIST to message 3260, this message is issued displaying the name of each data set (ddd), which cannot be enqueued, by job (jjj).

3262

DATA SET BYPASSED NO VTOC ENTRY ON VOL=(vvv) FOR DSN=(ddd)

Reason:

DSCL processing selected a data set that was cataloged but did not physically exist on the volume. This data set was cataloged to the volume specified in (vvv) but there was no format-1 DSCB on the volume for the (ddd) specified. This message is only issued if sysparm DSCLMSGS is set to a value of Y. If you do not want this message issued, set sysparm DSCLMSGS to a value of N.

3264

(report) REPORT NOT GENERATED FOR one or more (objects)

Reason:

This message is merely to inform you that the CIA or CLDATA report applies only to VSAM clusters. Therefore, the report specified was not generated for either VSAM components or non-VSAM data sets.

This message can be suppressed by specifying EXCLUDE CRITERIA=(DSORG,NE,VSAM) before the report command, or by not specifying the COMPONENTS parameter on the REPORT command.

3265

COMMAND REJECTED - THE VTOCS PARAMETER MAY NOT BE USED WITH THE CRITERIA=, DSNAMES=, TABLE= OR CATALOGS= PARAMETERS

Reason:

Because the constructs SELECT VTOCS and EXCLUDE VTOCS are so narrow already, it not necessary to further restrict selection based on other criteria. So, the CRITERIA=, DSNAMES=, TABLE= and CATALOGS= parameters are not allowed with SELECT VTOCS or EXCLUDE VTOCS.

Action:

Remove the CRITERIA=, DSNAMES=, TABLE= and CATALOGS= parameters from the SELECT VTOCS or EXCLUDE VTOCS commands, and rerun the task.

You may use the VOLUMES= parameter with the VTOCS parameter. For example, to back up the VTOCS on your TSO volumes, run:

```
//jobname JOB (acct,info),etc.
// EXEC   DMS
//SYSIN    DD  *
SCAN REALVOLS
 SELECT VTOCS,VOL=TSO/
  BACKUP
```

3266

COMMAND REJECTED - THE CATALOGS= PARAMETER MAY NOT BE USED WITH THE CRITERIA=, DSNAMES=, TABLE= OR VTOCS PARAMETERS

Reason:

Because the constructs SELECT CATALOGS= and EXCLUDE CATALOGS= are so narrow already, it is not necessary to further restrict selection based on other criteria. So, the CRITERIA=, DSNAMES=, TABLE= and VTOCS parameters are not allowed with SELECT CATALOGS= or EXCLUDE CATALOGS=.

Action:

Remove the CRITERIA=, DSNAMES=, TABLE= and VTOCS parameters from the SELECT CATALOGS= or EXCLUDE CATALOGS= commands, and rerun the task.

You may use the VOLUMES= parameter with the CATALOGS= parameter. For example, to back up the CATALOGS= on your TSO volumes, run:

```
//jobname JOB (acct,info),etc.
// EXEC   DMS
//SYSIN    DD  *
SCAN REALVOLS
 SELECT CATALOGS=,VOL=TSO/
 BACKUP
```

3268

ddd WAS NOT PROCESSED DUE TO PREVIOUS ERROR.

Reason:

The data set (ddd) was not processed because of an error CADisk encountered, described in a preceding message. The data set is bypassed.

3273

DATA SET BYPASSED, CATALOG SECURITY VERIFICATION FAILED ON DSN=(ddd) CATALOG MANAGEMENT RETURN CODE=(rrr) AND REASON CODE=(ccc)

Reason:

While doing a catalog scan non-APF-authorized, Catalog Management (SVC 26) did not return any information for the data set specified in the message. This was due to your security environment.

Action:

CADisk has bypassed the data set. For more details, look up the return and reason code under message IDC3009I in your IBM *Message Library: System Messages Guide*. Also, examine the JES log for any other messages that may have been issued. Alternatively, see your security administrator.

3274

DUE TO LACK OF APF-AUTHORIZATION, RUNNING REPORT COMMAND AS IF THE COMPONENTS PARAMETER HAD BEEN SPECIFIED

Reason:

While doing a DSCL REPORT command under SCAN REALVOLS, CADisk noticed that it was not running APF-authorized. Because the CADisk code for determining the cluster name from a VSAM component requires APF-authorization (it would abend if it attempted to run), CADisk is choosing the next best thing: report on VSAM components instead of VSAM clusters. CADisk continues to report on non-VSAM data sets as normal.

You do not need to take any action. If you really want to have CADisk report on VSAM clusters instead of components, either APF-authorize the CADisk load library or change the SCAN REALVOLS command to SCAN CATALOGS= or FIND DSNAMES=.

3275

DSNAME=(ddd) SELECTED FOR DELETION

Reason:

The Files Data Set log data set (ddd) was deleted during backup of the Files Data Set. This message is informational, no user action is required.

3276

TOTAL LOG DATA SETS DELETED=(nnn)

Reason:

CADisk has deleted (nnn) log data sets during backup of the Files Data Set. This message is informational, no user action is required.

3277

AT LEAST ONE SELECT COMMAND MUST FOLLOW EACH SCAN COMMAND, ENTER A SELECT COMMAND AFTER SCAN COMMAND (CMDnnnn)

Reason:

You must specify a SELECT command after every SCAN command in order to limit the entities that will be processed. This requirement can be made optional by specifying sysparm DSNSELRE with a value of N.

Action:

You probably have a command structure that looks something like:

```
SCAN something
```

Action command

If you want all data sets to be processed, specify:

```
SCAN something
SELECT VOLUMES=/,DSNAMES=/
```

Action command

If you want all data sets, VTOCs, VTOC indexes, catalogs and VVDSs to be processed, specify:

```
SCAN something
SELECT VOLUMES=/,DSNAMES=/
SELECT VOLUMES=/,VTOCS
SELECT VOLUMES=/,CATALOGS=/
```

Action command

3278

SELECT COMMANDS MUST SPECIFY A DSNAME LIST, THE VTOCS PARAMETER OR THE CATALOGS PARAMETER ENTER THE DSNAMES=, F1DSNAMES=, VTOCS OR CATALOGS= PARAMETER ON SELECT COMMAND (CMDnnnn)

Reason:

You must specify a data set name list, or the VTOCS or CATALOGS= parameter on the SELECT command to limit the entities that will be processed. This requirement can be made optional by specifying sysparm DSNSELRE with a value of N.

Action:

If you want all data sets to be processed, specify SELECT DSN=/. If you want all data sets, VTOCs, VTOC indexes, catalogs and VVDSs to be processed, specify:

```
SELECT DSN=/
SELECT VTOCS
SELECT CATALOGS=/
```

3279

SCAN/FIND COMPLETE, PREPARING SORTED REPORT

Reason:

There are three steps within the DMS proc: a scan or find step, an optional sort step, and an optional print of the sorted reports step. This message informs you that the first scan/find step has completed, and that CADisk is sorting or preparing the sorted report. You do not need to take any action.

3280

THE DMS USER CONDITION CODE OPTION IS IN EFFECT.

Reason:

The step completion condition code may be different from that generated by CADisk because of a user override. If the member CCSET exists in PARMLIB, you will receive this message.

3281

OUTPUT DEVICE MUST BE TAPE OR CART

Reason:

When using the Archive Tape Recovery Utility, the output file must be on tape or cartridge. Change your SYSUT2 DD statement to allocate a tape or cartridge device and rerun the job.

3282

EQUIPMENT CHECK OR REFLECTOR STRIP ENCOUNTERED; PROCESSING HALTED

Reason:

When using the Archive Tape Recovery Utility, a reflector strip was encountered or a hardware equipment check has occurred on the input tape unit. Processing is halted. If a hardware failure has occurred, rerun the job using a different unit for the input tape.

3283

TAPE MARK DETECTED AFTER (nn) BLOCKS READ

Reason:

When using the Archive Tape Recovery Utility, a tape mark was encountered. If a data set is being transferred to the output tape, the utility checks to see if the data set is complete. If so, the data set is kept on the output tape. If not, message 3284 is issued and the data set is bypassed.

If this is the second tape mark in a row (that is, end of volume), processing will halt if the parameter EOFSTOP was specified.

3284

VARIOUS MESSAGES

Reason:

All messages issued with this message number relate to errors detected during the verification of PARMLIB member CCSET entries for the User Condition Code Option. Any messages issued with this message number will result in abend 200.

3285

TOTAL OF (nnn) BLOCKS READ AND TRANSFERRED FOR (ddd)

Reason:

When using the Archive Tape Recovery Utility, (nnn) blocks have been successfully read and transferred to the output tape for data set (ddd).

3286

I/O ERROR, ECB=(nnn) IOB=(nnn) BYTECNT=(nnn) UNIT STATUS=(nnn) CHNL STATUS=(nnn)

Reason:

When using the Archive Tape Recovery Utility, an I/O error has occurred. Information listed may help determine the cause of the error. Processing will continue.

3287

RESUBMIT RESTORE JOB, ONCE WITH NOAIXDEF PARM SUPPLIED TO RESTORE CLUSTER AND ONCE WITH AIXNAME PARM SUPPLIED TO REBUILD THE ALTERNATE INDEX

Reason:

One or more of the requested allocated volumes are not online and an alternate index has been defined.

Action:

To be able to restore the cluster and rebuild the alternate index, the restore job must be resubmitted twice. The first time, the NOAIXDEF parameter must be entered on the Restore command to redefine the cluster. The second time the AIXNAME= parameter must be entered on the Restore command to rebuild the alternate index.

3288

INVALID (ccc) DATE = (ddd)

Reason:

The date entered for the BDATE or EDATE parameter of the FRECOVER command was invalid. (ccc) stands for BEGIN or END; (ddd) is the invalid date entered on the command. The date must be in an acceptable CADisk format.

3289

INVALID (ccc) TIME = (ttt)

Reason:

The time entered for the BTIME or ETIME parameters of the FRECOVER command was invalid. (ccc) stands for BEGIN or END; (ttt) is the invalid time entered on the command. The time must be in hhmmss format.

3291

NO AUDIT LOGS DATA SETS SELECTED TO UPDATE THE FILES DATA SET

Reason:

The Files Data Set recovery utility did not recover the Files Data Set because no audit log data sets were selected. This can be because of the following:

- The audit log data sets whose high-level qualifier matched the high-level qualifier in the sysparm FILOGNAM did not fall within the time and dates specified in the FRECOVER command.
- CADisk was unable to access audit log data sets due to I/O errors.

3292

TOO MANY AUDIT LOG DSNAMES WERE FOUND TO MATCH DMS AUDIT LOG DSNAMES HIGH-LEVEL NODE OF (aaa), AS DEFINED IN SYSPARM FILOGNAM, IN CATALOG = (ccc). INCREASE THE VALUE OF SYSPARM CATLOCWA AND RERUN THE JOB

Reason:

There was not enough room in the catalog work area for the audit log data set names with the high-level qualifier from the sysparm FILOGNAM (aaa) in catalog (ccc). Increase the size of the catalog work area for CADisk with the sysparm CATLOCWA, and rerun the Files Data Set recovery utility.

3293

NO CATALOG ENTRIES WERE FOUND TO MATCH DMS AUDIT LOG DSNAMES HIGH-LEVEL NODE OF (aaa), AS DEFINED IN SYSPARM FILOGNAM

Reason:

The Files Data Set recovery utility was unable to find any cataloged audit log data sets to use to update the Files Data Set. The high-level qualifier defined in sysparm FILOGNAM (aaa) was used for the catalog search.

3294

FILES DATA SET = (fff), NOT UPDATED WITH AUDIT LOG RECORDS FROM BYPASSED AUDIT LOG DATA SET = (aaa) REASON = (rrr)

Reason:

An error occurred while attempting to access the audit log data set (aaa) to be used to recover the Files Data Set (fff). The audit log data set (aaa) in error was bypassed. The Files Data Set recovery utility continued attempting to process any further audit log data sets. The reason the audit log data set was bypassed is explained in (rrr).

3295

I/O ERROR READING AUDIT LOG DSN = (aaa), RERUN JOB PREVENTING SELECTION OF THIS DATA SET, USER ABEND ISSUED

Reason:

An I/O error occurred reading an audit log data set (aaa) that had been selected to recover the Files Data Set. As long as an I/O error occurs reading this data set, the Files Data Set recovery utility will not be allowed to complete. One way to prevent selection of the data set in error would be to adjust the time and date parameters on the FRECOVER command.

3296

SORT OF AUDIT LOG RECORDS FAILED, SORT RETURN CODE = (ccc)

Reason:

When attempting to sort the audit log records extracted from the audit log data sets, a non-zero return code (ccc) was returned from SORT.

3297

UNABLE TO ALLOCATE FILES DATA SET = (fff), FILES DATA SET NOT UPDATED

Reason:

Allocation of the Files Data Set (fff) to be recovered failed. No updates were made to the Files Data Set.

3298

I/O ERROR READING SORTOUT DATA SET CONTAINING AUDIT LOG RECORDS USED TO UPDATE FILES DATA SET, USER 100 ABEND ISSUED

Reason:

An I/O error occurred when attempting to read the SORTOUT data set. The Files Data Set was not recovered.

3299

FILES DATA SET NOT UPDATED WITH THIS AUDIT LOG RECORD

Reason:

CADisk message number 0052 saying that the subfile was not present in the Files Data Set preceded this message. All updates for this subfile will be bypassed.

Messages 3300-3399

3300

FILES DATA SET SUBFILE = (sss) NOT UPDATED WITH FILES FUNCTION = (fff) FIRST 45 BYTES OF SUBFILE RECORD = (aaa) REASON = (rrr)

Reason:

The Files Data Set recovery utility bypassed updating the subfile (sss) with the files function (fff). The actual subfile record bypassed is (aaa). The files function to be performed was (fff). The reason for bypassing the update is explained in (rrr).

Note: For an explanation of the files functions, see the section Function Service Types in the *Systems Guide*.

3301

INVALID UNIT SPECIFIED ON COMMAND

Reason:

The unit parameter on the REBUILD command does not reflect a valid unit as specified with the sysparms DYN1UNIT through DY20UNIT.

3304

RECORD SIZE LARGER THAN TARGET VOLUME TRACK CAPACITY

Reason:

Move/Copy cannot relocate a data set because the track capacity of the target volume was smaller than the LRECL of the data set to be moved or copied. Select a target volume with a track capacity which is larger than the data set to be moved or copied and rerun the job.

3305

EMBEDDED TAPE MARK ENCOUNTERED

Reason:

When using the Archive Tape Recovery Utility, a tape mark has been encountered and the utility was unable to determine if a complete data set was transferred. The current data set is bypassed and processing continues.

3306

WARNING! CRITICAL ERROR ON INPUT TAPE; FORWARD SPACE ATTEMPTED

Reason:

When using the Archive Tape Recovery Utility, an I/O error occurred from which the utility cannot recover. The utility will attempt to forward space past the error on the tape. An additional message will indicate if the forward space was successful. If so, processing will continue.

3307

ERROR LIMIT EXCEEDED

Reason:

When using the Archive Tape Recovery Utility, the number of input errors has exceeded the maximum number as determined by the ERRLIMIT parameter. Processing is terminated.

3308

CANNOT OPEN INPUT TAPE, JOB TERMINATED

Reason:

When using the Archive Tape Recovery Utility, the input tape cannot be opened for input. Correct the reason for the error and rerun the job.

3309

(nnn) DATA RECORDS SKIPPED BEFORE PROCESSING NEXT DATA SET

Reason:

When using the Archive Tape Recovery Utility, (nnn) data blocks had to be skipped before a valid data block was encountered. These data blocks will not be recovered by this utility.

3310

CONTROL RECORD FOUND FOR (ddd)

Reason:

When using the Archive Tape Recovery Utility, a valid control record has been encountered for data set (ddd). The utility will attempt to transfer all data blocks for this data set to the output tape.

3311

CANNOT OPEN OUTPUT DATA SET

Reason:

When using the Archive Tape Recovery Utility, the output tape cannot be opened for output. Correct the reason for the open error and rerun the job.

3312

I/O ERROR WHILE PROCESSING DSN=(ddd) DATA SET BYPASSED

Reason:

When using the Archive Tape Recovery Utility, an I/O error occurred while transferring data blocks to the output tape for data set (ddd). The data set will be bypassed. Any data block successfully transferred to the output tape will be removed. Only complete and error-free data set data blocks will be kept on the output tape.

3313

CANNOT POSITION INPUT TAPE

Reason:

When using the Archive Tape Recovery Utility, an attempt to reposition the input tape to the beginning of a data set has failed. Processing is halted. Any output tapes created during this job run may still be good. Use the Archive Tape Analysis Utility to determine if the tapes should be kept.

3314

SWITCHING OUTPUT VOLUMES

Reason:

When using the Archive Tape Recovery Utility, a new output tape is required. The current output tape is closed and a new output tape is mounted and opened. If additional volume serial numbers are included in the output tape allocation JCL, these volsers will be used. If not, a request for a scratch will be made.

3315

(nnn) DATA SETS WERE RECOVERED

Reason:

When using the Archive Tape Recovery Utility, (nnn) data sets have been successfully transferred to the output tape that has just been dismounted. This message will be issued for each output tape created.

3316

DATA SET BYPASSED, VOLUME=(vvv) IS NOT ONLINE OR IN MASS STORE FOR DSN = (ddd)

Reason:

Data set (ddd) is cataloged to volume (vvv), which is neither real, online, nor in mass store. DSCL processing was bypassed for this data set.

3318

INVALID VALUE = (aaa) FOR SYSPARM SECURDRS, DEFAULT VALUE OF OUTPUT USED

Reason:

The value entered for SECURDRS is set to a the level of security that is invalid for a deferred RESTORE. The value must be set to OUTPUT, SCRATCH or ALLOC.

3320

RESTORE TERMINATED DUE TO UNLIKE DSORGS.

Reason:

When restoring to preallocated data sets, the restore is terminated whenever identical data set names with unlike organizations are encountered.

3321

UNABLE TO UPDATE RESTORE TIME, DATE AND COUNT IN DSNINDEX RECORD, DSN = ddd

Reason:

During a CADisk restore of data set (ddd), CADisk was unable to update the DSNINDEX record in the Files Data Set. The fields that were not updated were: the number of times the data set has been restored, the restore time and the restore date.

3323

EOF RECORD CONSTRUCTED BY DMS NOT COMPLETE, UNABLE TO OBTAIN DSNINDEX INFORMATION

Reason:

Since there was no END OF FILE (E type record), for the data set, the archive fix utility constructed one. The EOF record contains the last 160 bytes of the DSNINDEX record. CADisk was unable to get the DSNINDEX record from the Files Data Set, to use for updating the EOF record. This can cause problems for a CADisk REBUILD, since information needed to REBUILD a DSNINDEX record is taken from the EOF record.

3324

DATA SET ALLOCATION REQUEST FAILED - DATA SET (ddd) IS NOT ELIGIBLE FOR ALLOCATION.

Reason:

Translating the return codes from SVC 99 using the IBM routine IEFDB476 generates this message. A variety of different messages may be produced depending on the allocation error.

A dynamic allocation error when running CADisk on a DFP 3.1 or above system can produce this message.

Action:

Any corrective action is message dependent.

3326

THIS MULTI-VOLU E NON-VSAM DATA SET, DSN=(ddd) WAS BACKED UP FROM VOLUMES (vvv)

Reason:

A restore of a multivolume data set triggers this informational message. It lists the first 120 volumes (vvv) where the data set (ddd) formerly resided. No action is required.

3327

AN SMS DATA SET WAS ENCOUNTERED AND SMS WAS NOT ACTIVE. PROCESSING TERMINATED. USER 200.

Reason:

CADisk processing encountered an SMS-managed data set when SMS was not active on the system, and sysparms SMSCPROC and SMSFORCE were specified in a way that causes processing to terminate.

The sysparm SMSCPROC was specified with a value of Y, which tells CADisk to process SMS data sets. However, the SMSFORCE sysparm was specified with a value of N, which tells CADisk to terminate processing when an SMS data set is encountered and SMS is not active on the system.

Action:

To allow your CADisk job to process, make SMS active on your system or adjust the sysparm values of SMSCPROC and SMSFORCE. Review these sysparm descriptions for details.

3328

INVALID OPERATOR SPECIFIED ('oo,') IN CRITERIA PARAMETER. THE VALID LOGICAL OPERATORS ARE: EQ OR NE FOR CHARACTER LITERALS.

Reason:

CADisk processing encountered an invalid logical operator (oo) during DSCL SELECT or EXCLUDE CRITERIA parameter parsing.

Action:

Specify a valid logical operator, EQ or NE, enclose it with the delimiters < > and run the job again.

3329

MULTI-VOLUME DSN = ddd ON VOLUME = vvv NOT MIGRATED, REASON = rrr

Reason:

The sequential data set (ddd) residing on multiple DASD volumes (vvv) was selected for sequential migration to tape. When an attempt was made to actually migrate the data set, an error was encountered (rrr). This error prevented the migration.

3330

IDCxxxxx (message text issued by IDCAMS)

Reason:

The message text is issued by IDCAMS, which CADisk has intercepted and routed to its message output report. Refer to the appropriate IBM *Message Guide* for the description and problem resolution of the IDCxxxxx message.

3331

SOME SMS CONTROLLED DATA SETS WERE NOT PROCESSED BECAUSE SMS WAS NOT ACTIVE

Reason:

CADisk bypassed processing for all SMS-controlled data sets because SMS was not active on the system when processing occurred.

Action:

Use the system parameter SMSFORCE to override this situation and process the data sets as if they were not SMS-controlled.

3332

SOME SMS DATA SETS PROCESSED WITH CA DISK RULES BECAUSE SMS IS NOT ACTIVE

Reason:

CADisk encountered SMS data sets during processing at a time when SMS was not active and the CADisk system parameter SMSFORCE was specified with a value of Y. CADisk processed the data sets as if they were not SMS-controlled.

3333

SOME SMS DATA SETS PROCESSED WITH CA DISK RULES BECAUSE THE SMS DEFAULT MANAGEMENT CLASS NAME IS BLANK

Reason:

CADisk processed SMS data sets using CADisk rules because valid specific or default SMS-management class names were not available.

3334

SOME SMS DATA SETS PROCESSED WITH CA DISK RULES BECAUSE THEIR SMS MANAGEMENT CLASS NAMES ARE BLANK

Reason:

CADisk processed SMS data sets using CADisk rules because valid specific or default SMS-management class names were not available.

3335

DEFAULT MANAGEMENT CLASS NAME OF (xxxxxxxx) SPECIFIED ON COMMAND IS NOT VALID. PROCESSING TERMINATED.

Reason:

The MGMTCLAS= parameter on the CADisk command specified an SMS-management class name that was not valid. The name is specified incorrectly or is not currently defined to SMS. CADisk terminated processing with a user 200 abend.

3337

DEFAULT MANAGEMENT CLASS OF (nnn) RETURNED BY SYSTEM IS NOT PRESENT. USING DMS RULES.

Reason:

The default SMS Management Class (nnn) supplied to CADisk by the SMS subsystem was invalid. CADisk will use its own rules to process these data sets. Check with your SMS administrator to confirm the SMS default management class name is properly defined to your system.

3340

SMS MANAGEMENT CLASS OF (nnn) NOT DEFINED TO SMS.

Reason:

The SMS-management class name (nnn) associated with an archive data set was no longer defined to the SMS system at the time of processing. See your SMS administrator to determine why the management class name was not found.

Action:

See subsequent or other related error messages to determine how CADisk processing continued as a result of this situation.

3342

(sss) CLASS NAME (ccc) WAS SPECIFIED IN A NON-SMS ENVIRONMENT - IT WAS IGNORED

Reason:

A data, management, or storage class (sss) of (ccc) was specified in a non-SMS environment during dynamic allocation for CADisk. Since the allocation was to be done in a non-SMS environment, those class names were ignored for the dynamic allocation. This is an informational message, and is only issued the first time this condition is encountered.

3343

SUPPLIED DEFAULT MANAGEMENT CLASS OF (nnn) IS NOT DEFINED. PROCESSING TERMINATED.

Reason:

The management class name (nnn) supplied for the IXMAINT command parameter MGMTCLAS= was not defined to your SMS subsystem. CADisk terminated processing with a user 200 abend.

Action:

Supply a default management class name that is defined to your SMS subsystem and run the job again.

3360

VBACKUP OF VOLUME (vvv) BYPASSED—THE AUTO-VBACKUP ATTRIBUTE IS OFF FOR SMS STORAGE GROUP (ggg)

Reason:

DSCL commands called for a VBACKUP of volume (vvv). CADisk bypassed the request to VBACKUP the SMS-controlled volume (vvv). The volume was bypassed because the storage group (ggg) AUTO-VBACKUP (AUTO DUMP) attribute is specified as OFF. CADisk has honored this attribute and did not perform the VBACKUP (dump) of the volume.

Action:

To cause CADisk to VBACKUP the volume, change the storage group (ggg) AUTO DUMP attribute to ON.

3361

NOTE - DSCLSCEX SCREENING EXIT IS ACTIVE

Reason:

When processing the CADisk procedure, it was determined that the DMSCLSCEX user exit was in effect. This user exit allows changes to be made in the selection and exclusion of data sets processed. If a question arises about the validity of the selection process, the first step in determining the problem should be to bypass this user exit to determine if the screening in the exit caused the problem.

Note: For more information regarding this exit, see the description for sysparm DSCLSCEXmmmmmmmm in the *Systems Guide*.

3364

AUTO RESTORE HAS BEEN CHANGED TO A DEFERRED REQUEST

Reason:

There are two ways to change an immediate auto-restore request to a deferred request:

- Setting sysparm ARTAPEOK to "D" for TSO users when the data set has been archived to a tape or cartridge.
- Activating the User screening exit with sysparm ARESPREX can selectively change requests to deferred status.

3365

MOUNT REQUEST DENIED BY OPERATOR OR SYSTEM

Reason:

The DMSAR cannot mount the required tape. This can be caused by one of the following reasons:

- The the tape robot is offline on this system.
- The Operator replied "NO" to the mount request.

3366

DATA SET DISPOSITION IS INCORRECT — CHECK THE AUTO RESTORE JOB OUTPUT FOR MORE DETAILS

Reason:

The auto-restore job was unable to set the catalog status of the data set because the data set is archived.

3367

RESTORE FOR THIS DATA SET WAS UNSUCCESSFUL

Reason:

The auto-restore task has failed. Review the MSGPRINT output of the DMSAR proc for the complete reason of the failure. Note that the data set is uncataloged from the pseudovolume at the end of this restore process.

Action:

After making the corrections indicated, you may either invoke another auto-restore task or use batch or ISPF to restore manually.

3368

NO ARCHVOL RECORD CAN BE FOUND

Reason:

The DMSAR started task did not find an ARCHVOL record for the DSNINDEX record being auto-restored. Verify the FILES or MFILES DD statement in the DMSAR proc has the correct Files Data Set or concatenation, or both.

3369

AN INTERNAL ERROR OCCURRED DURING RESTORE

Reason:

An internal error occurred during the auto-restore process. Additional messages may appear in the auto-restore task output. Contact CA Technical Support for assistance.

3370

INVALID VALUE FOR SYSTEM PARAMETER ARTAPEOK

Reason:

The sysparm that controls tape mount requests for auto-restore, ARTAPEOK, is specified with a value that is not valid. The valid entries are: Y, N, B, or D.

Action:

Specify ARTAPEOK with one of the valid entries and run the job again.

Note: For more information, see the description for sysparm ARTAPEOKy in the *Systems Guide.*

3375

ERROR DURING SUBSYSTEM REQUEST FOR DSN = (ddd)

Reason:

When the CAVantage SRM Auto Restore Manager (ARM) is active, each auto-restore request is passed to ARM by an API request. If the API request is successful, the informational message 3752 is issued. If the API request fails, this message is issued and the data set is auto-restored by a CADisk DMSAR STC.

3375

EXTERNAL PROCESS COMPLETED RESTORE OF DSN = (ddd)

Reason:

Another system image has just completed the restore for ddd. All jobs waiting to enqueue on this resource is notified that the restore process has completed.

3377

NO DSNAMES ASSOCIATED WITH MFILES DD STATEMENT

Reason:

An MFILES DD statement was specified in the job but no list of data set names can be found. CADisk then tried to use the FILES DD statement. If CADisk found the FILES DD statement, CADisk used it and continued processing. If CADisk cannot find the FILES DD statement, the job terminated with a user 100 abend.

The job must contain either the DD statement FILES or MFILES with a list of associated Files Data Set names. If both statements are present, the FILES DD statement will be ignored. Also, MFILES must not be specified as //MFILES DD DUMMY.

Action:

Specify the MFILES DD statement with a list of Files Data Set names and run the job again.

3378

MAXIMUM NUMBER OF CONCATENATIONS EXCEEDED

Reason:

The maximum number of data set name concatenations for the MFILES DD statement has been exceeded. Specify the MFILES DD statement with fewer data set names and run the job again.

3379

FILES DATA SET CANNOT BE DEALLOCATED

Reason:

An attempt to deallocate the Files Data Set failed because the Files Data Set was allocated to another job. Eliminate the job contention for the Files Data Set and run the job again.

3380

FILES DATA SET CANNOT BE ALLOCATED

Reason:

An attempt to allocate the Files Data Set failed because the Files Data Set is allocated to another job. Eliminate the job contention for the Files Data Set and run the job again.

3381

(ddd) SUCCESSFULLY DEFINED TO SHRINK

Reason:

At restore time, a data set (ddd) that was originally defined to CA Compress was redefined using saved CA Compress characteristics and FDT table.

3382

A GET REQUEST TO SHRINK FOR DATA SET (ddd) RETURNED A CHARACTERISTICS DATA AREA TOO LARGE FOR THE PROGRAM.

Reason:

This is a programming error. The size of the data area passed to module ADSUT132 needs to be increased. This problem does not commonly occur.

Action:

Contact CA Technical Support for assistance.

3383

A GET REQUEST TO SHRINK FOR DATA SET (ddd) RETURNED AN FDT DATA AREA TOO LARGE FOR THE PROGRAM.

Reason:

This is a programming error. The size of the data area passed to module ADSUT132 needs to be increased. This problem does not commonly occur.

Action:

Contact CA Technical Support for assistance.

3384

A GET REQUEST TO SHRINK FOR DATA SET (ddd) DID NOT RETURN THE FDT BECAUSE OF AN ERROR IN ITS STRUCTURE.

Reason:

CA Compress detected an error in the current FDT table for data set (ddd).

3385

A GET REQUEST TO THE SHRINK SUBSYSTEM FOR DATA SET (ddd) FAILED. REASON= (rrr).

Reason:

CA Compress returned an unexpected reason code (rrr) for a failed get request.

3386

SHRINK/MVS SUBSYSTEM IS NOT ACTIVE.

Reason:

The CA Compress subsystem is not currently active or the name of the CA Compress subsystem specified in the SHRNKSYS sysparm is incorrect.

3387

(ddd) IS ALREADY DEFINED TO SHRINK.

Reason:

At restore time an attempt was made to define a data set (ddd) to CA Compress that was already controlled by CA Compress.

3388

A PUT REQUEST TO THE SHRINK SUBSYSTEM FOR DATA SET (ddd) FAILED. REASON= (rrr).

Reason:

CA Compress returned an unexpected reason code (rrr) for a failed put request.

3389

VSAM I/O ERROR ON THE SHRINK CONTROL FILE.

Reason:

An I/O error was encountered while trying to read from or write to the CA Compress control file.

3390

SHRINK/MVS SUBSYSTEM DOES NOT SUPPORT THIS SUB-FUNCTION.

Reason:

This is a programming error.

Action:

Contact CA Technical Support for assistance.

3391

COPY COMMAND CAN ONLY BE USED EXPLICITLY, BY USING AN EXPLICIT FIND COMMAND FOR AN INDIVIDUAL DATA SET

Reason:

When using the DSCL action command COPY, only one data set can be selected. The data set to be selected must be entered explicitly in the DSCL FIND command. For example:

```
FIND DSN=LABS.KSV.COPY
```

3392

THE RENAME OF THE DATA SET = (ddd) FAILED, SO THE DATA SET WAS NOT MOVED

Reason:

When using the Move command, prior to moving the data set to its new location, the data set is renamed. The RENAME is done with an IDCAMS ALTER NEWNAME for the non-VSAM data set. Since this rename failed, the data set (ddd) was bypassed for processing.

3393

EITHER A COPY WITHOUT NEWNAME, AND/OR THE PARAMETERS NOSCRATCH AND/OR NOCATALOG WERE SPECIFIED FOR DSN = (ddd), WHICH IS INVALID FOR SMS DATA SETS

Reason:

According to IBM, SMS data sets can never be uncataloged. The parameters NOSCRATCH and NOCATALOG would cause the SMS data set to be uncataloged. Issuing a COPY without the NEWNAME parameter, will also cause the SMS data set to be uncataloged. The only way the COPY command can be issued for an SMS data set is with the NEWNAME parameter specified.

3394

DATA SET RENAMED FROM (ddd) TO (nnn)

Reason:

CADisk renamed data set (ddd) to (nnn) using IDCAMS ALTER NEWNAME. The newname is determined by adding DMSxxxxx to the original name. The xxxxx represents the hex equivalent of the current HHMMSS (hours, minutes, and seconds).

When this message is issued during the Move/Copy process, CADisk renames the original data set before moving or copying it. This is done to improve compatibility with allocation products such as IBM's DFSMS and CA Allocate.

Reason:

This is an informational message only. If the job abnormally terminates, the information in the message can be used for recovery purposes.

3395

ALTER NEWNAME FAILED FOR DSN = (ddd), WHEN ATTEMPTING TO RENAME IT TO (nnn)

Reason:

CADisk issued an IDCAMS ALTER NEWNAME to rename data set (ddd) to the newname of (nnn). The attempt was unsuccessful and the data set was not renamed.

3396

ERROR RETURNED IN VVDS READER FOR VOLUME=(vvv), REASON CODE=(rrr)

3396

IBM: SEE IBM MESSAGE IDC3009I

3396

FUJITSU: SEE FUJITSU MESSAGE KQC3009I

Reason:

The VTOC volume record (VVR) was not found for volume (vvv), reason code (rrr). The last line of the message is dependant on the operating environment, IBM or Fujitsu.

Messages 3400-3499

3401

AMS RECOVERY FILE IS (ddd), MEMBER= (mmmmmmmm)

Reason:

This informational message indicates that (mmmmmmmm) is the AMS recovery member name used in (ddd).

3402

AMS DEFAULT MEMBER, MEMBER=AMSRFILE

Reason:

This is an informational message.

3403

WARNING, AMS RECOVERY FILE ON JES OUTPUT SPOOL

Reason:

This informational message indicates that the current AMS recovery file is on the JES output spool.

3404

WARNING, AMS RECOVERY FILE IS NULLFILE OR DUMMY

Reason:

This informational message indicates that the current AMS recovery file is either a nullfile, or its DD statement is set to DUMMY.

3405

WARNING, AMS RECOVERY FILE ON TSO TERMINAL

Reason:

This informational message indicates that the current AMS recovery file is allocated to a TSO session.

3406

ERROR, AMS RECOVERY FILE ON JES INPUT STREAM

Reason:

This is an informational message.

3407

ERROR, AMS RECOVERY FILE, //AMSRFILE—DD, NOT SPECIFIED

Reason:

This is an informational message.

3408

ERROR, AMS RECOVERY FILE MUST BE DSORG "PS" OR "PO"

Reason:

This is an informational message.

3409

ERROR, AMS RECOVERY FILE HAS AN INVALID RECORD FORMAT

Reason:

This is an informational message.

3410

ERROR, AMS RECOVERY FILE HAS AN INVALID RECORD LENGTH, LTH=(nnnn)

Reason:

This is an informational message.

3412

(fff) FAILED FOR DATA SET (ddd). RETURN CODE IS (rrr)

Reason:

The CADisk function (fff) failed to process data set (ddd). The function's return code is (rrr). The preceding messages detail the cause of the failure.

3413

RENAME-TO-MOVE FAILED FOR (ddd)

Reason:

To move the data set (ddd), the MOVE/COPY DSCL command was selected. Prior to the actual move, CADisk failed while attempting to rename (ddd) to a temporary name. Any preceding messages detail the cause of the failure.

3414

NEWNAME-TO-MOVE FAILED FOR (ddd)

Reason:

This message is issued to indicate that one of the following problems were encountered:

- The newname process failed for data set (ddd) during a MOVE/COPY operation
- The newname parameter is needed for the function to complete

Any preceding messages detail the cause of the failure.

3415

DEFINE FAILED FOR CLUSTER, DSN=(ddd)

Reason:

CADisk was unable to create the VSAM cluster (ddd). An earlier message described why the efine failed.

3417

DATA TRANSFER ERROR

Reason:

CADisk encountered an error during the actual copy operation of the data from the source location to the target location. An earlier message described the cause of the failure.

3418

VSAM/DUMMY RECORD WRITE FAILED - (rrr),(fff)

Reason:

CADisk encountered an error when writing a dummy record for the VSAM dummy record insert/delete function. The VSAM return code is (rrr) and the feedback code is (fff).

3419

VSAM/DUMMY RECORD READ FAILED - (rrr),(fff)

Reason:

CADisk encountered an error when reading the dummy record for the VSAM dummy record insert/delete function. The VSAM return code is (rrr) and the feedback code is (fff).

3420

VSAM/DUMMY RECORD ERASE FAILED - (rrr),(fff)

Reason:

CADisk encountered an error when erasing the dummy record for the VSAM dummy record insert/delete function. The VSAM return code is (rrr) and the feedback code is (fff).

3422

THE FIND COMMAND DSNAME= PARAMETER MUST HAVE A FIRST QUALIFIER WITHOUT PATTERN CHARACTERS

Reason:

Due to a restriction of Catalog Management, the DSCL FIND command DSNAME= parameter must have a complete first node without any CADisk pattern characters (/, ?, *, !). This is because Catalog Management needs to know which catalog is to be used for the Superlocate search. CADisk pattern characters in other nodes are fine.

Action:

Respecify the DSNAME= parameter so that the first (high level) qualifier does not contain any CADisk pattern characters. If necessary, create multiple FIND commands. For example, instead of:

```
FIND DSNAME=LABIVP?.*.SOURCE/
```

Action command

specify:

```
FIND DSNAME=LABIVP1.*.SOURCE/
FIND DSNAME=LABIVP2.*.SOURCE/
FIND DSNAME=LABIVP3.*.SOURCE/
FIND DSNAME=LABIVP4.*.SOURCE/
```

Action command

Then resubmit.

3423

OPERAND (nnn) IS A CHARACTER FIELD A CHARACTER LITERAL IS REQUIRED FOR THE OTHER OPERAND

Reason:

An error was found during CADisk DSCL command validation. The value entered for the DSCL SELECT or EXCLUDE CRITERIA operand (nnn) was invalid. Operand (nnn) is a character field; its value must be specified as a character literal.

Action:

Completely enclose the operand in the delimiters <> and run the job again.

Note: For more information, see the section DFSMS and DSCL in the *User Guide*.

3425

INSUFFICIENT VOLUMES AVAILABLE FOR ALLOCATION, (nnn)-VOLUMES REQUIRED

Reason:

The creation (or allocation) of a data set failed because not enough volumes were available. The data set needs (nnn) volumes for allocation. Supply the number of volumes needed and run the task again.

3430

MEMBER LIST SPECIFIED FOR NON-PARTITIONED DATA SET (ddd)

Reason:

A command was specified with the MEMBER= parameter but the data set (ddd) was not a partitioned data set. The message occurred because the MEMBER= parameter can only be used for partitioned data sets. Remove the MEMBER= parameter or correct the data set name specified, and run the task again.

3431

VSAM PAGE SPACE (aaa) BYPASSED BECAUSE PROCESSING IN IMPLICIT MODE

Reason:

While processing in implicit mode, CADisk bypassed VSAM page space (aaa). It was bypassed because CADisk does not process VSAM page spaces in implicit mode. For a VSAM page space to be processed, its name must be specified explicitly. This is an informational message.

3433

VSAM DUMMY RECORD INSERT/DELETE COMPLETED FOR (ddd).

Reason:

The insertion and deletion of the VSAM dummy record has completed successfully for data set (ddd). This is an informational message.

3434

VSAM DUMMY RECORD INSERT/DELETE FAILED FOR (ddd).

Reason:

The insertion and deletion of the VSAM dummy record was unsuccessful for data set (ddd). Previous messages indicate the cause of the error. Following messages will indicate how CADisk has recovered from the error.

3435

CLUSTER NAME CANNOT BE DETERMINED FOR VSAM COMPONENT (ddd) ON VOLUME (vvv)

Reason:

CADisk bypassed processing for VSAM component (ddd) on volume (vvv) because CADisk cannot determine the cluster name for that component.

This informational message is issued only under SCAN REALVOLS. This message is not issued when the only action command under SCAN REALVOLS is REPORT COMPONENTS. Also, it is not issued under SCAN CATALOGS=, FIND.

This message may occur for several reasons and the messages preceding it may help you to determine the reason that the message was issued. The reason for the message may depend on the environment:

- In both single- and multi-CPU environments, the component may be cataloged in a catalog that resides on a volume that is off-line to your system.
- In a multi-CPU environment, the component may not be correctly cataloged on your system (although the component can be correctly cataloged on other systems).
- In a single-CPU environment, this VSAM component may have been orphaned.

Action:

To correct the cause of the message, run the job again on the correct system, or delete the orphaned VSAM component, or ignore this message. If you do not want to receive this message, specify sysparm DSCLMSGS with a value of N.

3436

CLUSTER (ddd) IS OWNED BY CATALOG (aaa) BUT WAS LOCATED IN CATALOG (bbb)

Reason:

Cluster (ddd) is owned by a VSAM catalog (aaa). When CADisk was attempting to process the cluster through a normal catalog search, it was located in catalog (bbb). The cluster in catalog (aaa) cannot be processed.

Action:

A STEPCAT DD that may be required to process the data set may not have been supplied or a user has allowed the cluster to be defined in more than one catalog. Supply the STEPCAT DD for catalog (aaa) and run the job again.

3437

THE CATALOG VOLUME(S) DISAGREE WITH VSAM COMPONENT (ccc) ON (vvv)

Reason:

The VSAM component (ccc) resides on volume (vvv), but the VSAM component catalog entry shows that the component resides on a different volume. CADisk bypassed processing the cluster to which the VSAM component may belong.

This informational message is issued only under SCAN REALVOLS. This message is not issued when the only action command under SCAN REALVOLS is REPORT COMPONENTS. Also, it is not issued under SCAN CATALOGS= or FIND.

In a multi-CPU environment, this component may be cataloged correctly on another system. In a single-CPU environment, this VSAM component has been orphaned.

Action:

To correct the cause of the message, run the job again on the correct system, or delete the orphaned VSAM component, or ignore this message. If you do not want to receive this message, specify sysparm DSCLMSGS with a value of N.

3438

CATALOG (ccc) FOR DATA SET (ddd) IS ON OFFLINE VOLUME (vvv)

Reason:

The catalog (ccc) for data set (ddd) resides on a volume (vvv) that is currently offline or unavailable.

In a multiple-CPU environment, the volume that the catalog resides on may not be shared with the system the job was executed on.

Action:

To process the data set, either make the catalog's volume available to the system or run the job on a system that has the catalog available.

3439

ALLOCATION FOR CLUSTER LISTCAT FAILED ON (nnn)

Reason:

The volume of the data or index component for (nnn) is offline, prohibiting CADisk from retrieving the required LISTCAT information.

Action:

Mount the appropriate volume and rerun the job.

3440

VSAM COMPONENT (ccc) ON VOLUME (vvv) IS CATALOGED AS NON-VSAM

Reason:

The VSAM component (ccc) resides on volume (vvv), but the VSAM component catalog entry shows the component as a non-VSAM data set. CADisk bypassed processing the cluster to which the VSAM component may belong.

This informational message is issued only under SCAN REALVOLS. This message is not issued when the only action command under SCAN REALVOLS is REPORT COMPONENTS. In addition, it is not issued under SCAN CATALOGS= or FIND.

In a multi-CPU environment, this component may be cataloged correctly on another system. In a single-CPU environment, this VSAM component has been orphaned.

Action:

To correct the cause of this message, run the job again on the correct system, delete the orphaned VSAM component or ignore this message. If you do not want to receive this message, specify sysparm DSCLMSGS with a value of N.

3441

THE VOLUME RECORD FOR (vvv) OWNED BY CATALOG (ccc) CANNOT BE OBTAINED

Reason:

The VSAM volume record for volume serial number (vvv) — which is owned by catalog (ccc) — cannot be obtained. The suballocated cluster on volume (vvv) cannot be processed. The VSAM catalog and volume are out of synchronization or an error exists in the VSAM catalog.

Action:

Correct the error and run the job again.

3443

CLUSTER NAME CANNOT BE DETERMINED FOR VSAM COMPONENT (aaa) IN CATALOG (bbb)

Reason:

The process of determining the cluster name for VSAM component (aaa) in catalog (bbb) failed. No further processing will occur for the component. The component is contained within a VSAM dataspace. The catalog has a structural error. The previous message may help to determine exactly what the error is.

Action:

Correct the error and run the job again.

3445

IMPLICIT DMS-function, BYPASSED FOR LINK-LIST LIBRARY - pds.library.name

Reason:

The library specified in the message was to be selected for processing by the indicated CADisk function. But processing was bypassed for this data set because it was found to be a link-list library.

This message can occur for a PDS Compress function. PDS Compress physically moves the data set to a new location on the same volume, and this can cause problems for link-list libraries. The message can also occur for MOVE and COPY functions.

3446

SMS ERROR DETECTED, RC=(cccc)

Reason:

An SMS subsystem error was detected. The return code is (cccc). A description of the codes is documented in *Diagnosis Reference Guide* for DFP Version 3.

3448

THE SUBSYSTEM TO PROCESS THE VAMPOOL OR SGNAME PARAMETER IS INACTIVE

Reason:

A SELECT statement specified either the SGNAME parameter or the VAMPOOL parameter. In the case of the SGNAME parameter the SMS Subsystem is not active to retrieve the Storage Groups from. In the case of the VAMPOOL parameter the CA Allocate Subsystem is inactive.

Action:

Either start the appropriate Subsystem or change the SELECT statement to remove the SGNAME or VAMPOOL parameter.

3449

THERE ARE NO GROUPS DEFINED IN THE SUBSYSTEM FOR THE VAMPOOL OR SGNAME PARAMETER

Reason:

There were no groups defined for the SGNAME or the VAMPOOL parameter.

Action:

Either define the group to the appropriate subsystem, or change the SELECT statement to remove the incorrect SGNMAME or VAMPOOL pool name.

3449

SGNAME = poolname NOT DEFINED TO SUBSYSTEM

Reason:

The poolname that was specified for the SGNAME parameter was not defined to the SMS Subsystem.

Either define a new Storage Group with named poolname to the SMS Subsystem, or change poolname to reflect an existing SMS Subsystem poolname.

3449

VAMPOOL = poolname NOT DEFINED TO SUBSYSTEM

Reason:

The VAMPOOL parameter specified a group that is undefined to CA Allocate.

Note: This message is issued for each undefined poolname.

Action:

Either define a new Storage Group with named poolname to CA Allocate, or change poolname to reflect an existing CA Allocate Storage Group.

3451

SPECIFIED POOL PARAMETER BYPASSED FOR MULTI-VOLUME RESTORE

Reason:

During a multivolume restore or auto-restore CADisk bypassed the specified POOL= parameter. This occurred because a multivolume data set cannot be restored using the POOL= parameter, unless, sysparm PRIALLOC is specified with a value of N.

3453

COMMAND REJECTED - VOLUME ORIENTED SELECT OR EXCLUDE PARAMETERS VOLUME=, SGNAME= AND VAMPOOL= ARE ALL MUTUALLY EXCLUSIVE

Reason:

The DSCL SELECT or EXCLUDE parameters of VOLUMES=, SGNAME= and VAMPOOL= allow selection or exclusion by either specific volumes, or by pools representing volumes. Only one of these volume-oriented type parameters is allowed per SELECT or EXCLUDE command. Correct the command statement and resubmit the job.

3454

I/O ERROR ON TRACK CCHH=ccccchhhh, SENSE=ssss

Reason:

An I/O error was encountered by VBACKUP when processing the volume listed in the previous 2860 CADisk message. The I/O error was detected on track cccchhhh. The sense code is ssss.

Action:

See the IBM *System/370 Reference Summary* guide for an explanation of the sense code.

3455

IO ERRORS EXCEED IO ERROR LIMIT SET BY SYSPARM IOERRLIM VBACKUP IS INVALID FOR VOLUME, NO DATA WRITTEN TO OUTPUT

Reason:

I/O errors were encountered when attempting to run a VBACKUP against the volume listed in the previous 2860 CADisk message. The maximum number of I/O errors that can be encountered during VBACKUP are specified in the sysparm IOERRLIM. When the I/O error limit is reached, processing is bypassed for that volume, and the above message is issued.

3456

NO ONLINE VOLUMES SUPPLIED FOR VSIDCUTV

Reason:

The error occurred during CADisk VSAM restore or recover processing. Since the IDCUT1 and IDCUT2 DD statements were not specified in the JCL, CADisk needs to dynamically allocate them. The volser to which they should be allocated is specified in the sysparm VSIDCUTV. None of the volsers specified in the sysparm VSIDCUTV sysparm were online to the system.

Action:

Specify online volsers for CADisk sysparm VSIDCUTV and run the job again.

3457

VOLSER = (vvv) SUPPLIED FOR VSIDCUTV NOT ONLINE

Reason:

This message was issued during CADisk VSAM restore or recover processing. Since the IDCUT1 and IDCUT2 DD statements were not specified in the JCL, CADisk needs to dynamically allocate them. The volser to which they should be allocated is specified in the sysparm VSIDCUTV. Volser (vvv) specified for the sysparm was not online to the system. If there are other volsers in the volser list supplied by the sysparm VSIDCUTV, CADisk will continue to check them for one that is online.

3458

COMMAND REJECTED - THE COMPONENTS PARAMETER MAY ONLY BE USED WITH THE DSNAMES= OR TABLE= PARAMETERS

Reason:

There is an error with the DSCL SELECT/EXCLUDE command parameter COMPONENTS. It must be entered with either the DSNAMES= or TABLES= parameters on the same SELECT/EXCLUDE statement.

Action:

Add the DSNAMES= or TABLES= parameters to the command in error and resubmit the job.

3461

NO ENDING > FOR LITERAL IN OPERAND (nnn) OF CRITERIA PARAMETER

Reason:

An error was found during CADisk DSCL command validation. The error was in the SELECT or EXCLUDE CRITERIA operand of (nnn). This operand must be entered in character literal format that requires that the value be enclosed in <>. The operand (nnn) was missing the matching terminating delimiter of >.

Action:

Completely enclose the operand (nnn) in the delimiters and run the job again.

Note: For more information, see the section DFSMS and DSCL in the *User Guide*.

3462

UNCORRECTABLE READ ERRORS ON VOLUME=(vvv), DSNAME=(ddd) FOR MEMBER=(mmm) , RECORD NOT FOUND

Reason:

An unrecoverable I/O error occurred while processing member (mmm) of partitioned data set (ddd) on volume (vvv). The specified volume indicates whether the error occurred while reading the source data set or while writing the new target data set. The data set is bypassed. If the source data set incurred the error, examine the data set to determine if it needs to be reloaded.

3463

CHARACTER LITERAL VALUE OF (vvv) INVALID FOR (ppp) CHARACTER LITERALS ARE NOT VALID FOR THIS PARAMETER

Reason:

CADisk encountered an error during DSCL command validation. The value (vvv) for the SELECT or EXCLUDE CRITERIA parameter (ppp) is invalid. The value was entered in character literal format. This format is invalid for the (ppp) parameter.

Action:

Correct the value.

Note: For the possible values for this parameter, see the section DSCL Selection Criteria Field Name Descriptions in the *User Guide*.

3464

SMS DATA SET = (ddd) BYPASSED FOR PROCESSING, SMSCPROC SYSPARM SAYS NOT TO PROCESS SMS DATA SETS

Reason:

The CADisk sysparm SMSCPROC was set to N. This tells CADisk to bypass all processing for SMS data sets. SMS data set (ddd) was bypassed for this reason.

Action:

If you want to process SMS data sets, set the CADisk sysparm SMSCPROC to Y.

3465

ddd HAS MIGRATED TO VOLUME vvvvv1 SINCE IT WAS ON VOLUME vvvvv2, DATA SET NOT RECOVERED

Reason:

During recovery of volume vvvvv1, data set (ddd) was found to be catalogued to volume vvvvv2. The Recover command has the Scratch parameter specified. Because the data set is cataloged to a volume different from the one to which it is being recovered, it will not be recovered.

The system parameter DSNDUPVL controls the processing described above. If this sysparm is specified with a value of N (the default), the above condition can occur. If the sysparm is specified with a value of Y, the data set will be restored or recovered to the volume specified and scratched from the cataloged volume.

3466

ONE OR MORE OF THE FOLLOWING PARAMETERS MUST BE SPECIFIED ON THE VREPORT COMMAND: ALLOCS, ATTRBS, DISTRS, FREESP, LAYOUT

Reason:

These parameters supply the VREPORT name requests to CADisk. You must specify at least one of them on the VREPORT command.

3467

(ddd) IS A BROKEN VSAM DATA SET BECAUSE, (xxx) (ccc) COMPONENT BYPASSED

Reason:

This message is issued during DSCL SCAN processing when CADisk is selecting data sets to be processed. CADisk has determined that VSAM data set (ddd) is broken, due to (xxx).

The second line of the message will only be issued if the data or index (ccc) component is so damaged that CADisk cannot process it. If the bypass message is not issued, then CADisk will report on it as a broken VSAM data set for non-VSAM reports.

Action:

To prevent CADisk from issuing this message, set the CADisk sysparm DSCLMSGS to N.

3471

INVALID DISPOSITION SPECIFIED - MUST BE RECAT OR NOCAT

Reason:

The DISP= parameter value of the DELETE command was incorrect. Change it to RECAT or NOCAT and submit the job again.

3472

CHARACTER LITERAL VALUE OF INVALID

Reason:

An error was found during CADisk DSCL command validation. The error was in the SELECT or EXCLUDE CRITERIA operand of < >. This operand has been entered in character literal format, which requires that a value be enclosed within the delimiters of < >.

Action:

Enter a valid value within the character literal delimiters of < > and run the job again. Some valid examples are </> or <SMSNAME>.

Note: For more information, see the section SMS Information Within The Archives in the *User Guide*.

3473

INVALID TIME SPECIFIED (hhmm) IN OPERAND (n) OF CRITERIA PARAMETER

Reason:

An invalid time was specified in the (n) operand of the DSCL CRITERIA parameter. The time must be entered as a numeric value in the hhmm format.

Action:

Correct the time and submit the job again.

3474

ERROR ENCOUNTERED WITH DSN=(ddd)

VSAM RPL FEEDBACK=(fff), FUNCTION CODE=(ccc), RBA=(rrr)

Reason:

CADisk has detected an error while processing VSAM (ddd), and encountered RPL feedback code (fff), function code (ccc), and RBA (rrr). (fff) is code is explained in detail in the IBM *VSAM Programmer's Reference Guide*.

A list of the most commonly encountered return codes is stored within CADisk. If this error code is in the CADisk table, subsequent lines detailing the nature of the error will appear with this message.

Action:

If the problem cannot be resolved in-house, contact CA Technical Support for assistance.

3475

(tttttttt) TABLE ENTRY MUST HAVE DSNAME SPECIFIED, ENTRY NUMBER (nnnn) IS INVALID

Reason:

CADisk found an invalid entry in a PARMLIB table. The value specified by (tttttttt) is the PARMLIB member that needs to be reviewed. The entry number specified in (nnnn) is the sequence number that needs to be corrected. This entry has an invalid data set name specified with either a blank or an invalid pattern character, or it is entered in an incorrect column format.

Action:

Note: For information about how to check the PARMLIB entry syntax, see the section PARMLIB Syntax Validation Utility in the *Systems Guide*.

3476

MEMBER INUSE, NOT RESTORED, NAME=(mmm)

Reason:

During a member level Restore, CADisk discovered that source member (mmm) was in use by another task.

3480

Invalid DSNINDEX flags have been detected for DSN = (ddd)

Flag byte 3 can not be corrected - Please rebuild ARCHVOL (kkkkkkkk) to update flag bytes 3-10

Reason:

CADisk detected one or more invalid flag field settings in the DSNINDEX record for (ddd). This informational message is issued because the invalid flags cannot be corrected in the current task.

These incorrect flags are the result of a release 8.2.0 ARCHVOL being rebuilt under release 9.0. They will be properly updated after a REBUILD with current maintenance.

3493

VSAM... RC=116

Reason:

CADisk encountered a VSAM OPEN/CLOSE error.

Action:

Return and reason codes are documented in IBM's *DFSMS/MVS Macro Instructions for Datasets Guide*.

3494

VSAM IO ERROR

Reason:

An S0C3 abend occurred because CADisk had the base cluster opened and cannot allocate it.

3495

VSAM RPL ERROR

Reason:

An S0C3 abend occurred because CADisk had the base cluster opened and cannot unallocate it.

Messages 3500-3599

3500

UNCATALOG FROM DMS PSEUDO VOLUME FAILED FOR (ddd)

Reason:

During Restore or Auto-Restore processing, CADisk determined that data set (ddd) was cataloged to the CADisk pseudovolume. CADisk tried to uncatalog the data set so processing can continue normally.

Action:

CADisk will try to process the restore request. Proper allocation or catalog action for the data set may fail. Review the remainder of the output to determine if any action is required.

3501

NOT ENOUGH AUTHORITY TO UNCATALOG (ddd) FROM THE DMS PSEUDO VOLUME

Reason:

During Restore or Auto-Restore processing, CADisk found that data set (ddd) was cataloged to the pseudovolume. CADisk tried to uncatalog the data set so processing can continue normally. However, the restore task did not have enough authority to delete the entry.

Action:

CADisk tries to process the restore request, but proper allocation or catalog action for the data set may fail. Review the remainder of the output to determine what, if any, action is required.

3502

UNLOAD, REINIT AND RELOAD THE FILES DATA SET. THIS IS THE OLD STRUCTURE AND YOU ARE EXECUTING THE CODE FOR THE NEW STRUCTURE FILES DATA SET.

Reason:

The user has started IXMAINT using a version of CADisk which includes a changed Files Data Set structure. This is not valid. The Files Data Set must first be converted to the new structure by running UNLOAD and REINIT processes against the OLD Files Data Set and then reloading it. Processing ends with a U200 abend.

3503

ORIGINAL PRIM ALLOC WAS DONE IN BLOCKS. BLKS UNAVAILABLE AT FUNCTION. DSN=(ddd)

Reason:

(ddd) was originally allocated with parameter AVGBLK. With systems running DFP 3.0 and above, CADisk can request the system determined BLKSIZE from a call to DFP and can use this value in calculating space requests. If the space is unavailable, this message is issued indicating that track size was the basis for space calculations.

3507

(ddd) SUCCESSFULLY DELETED FROM THE SHRINK CONTROL FILE

Reason:

At archive time, the CA Compress controlled data set (ddd) was also deleted from the CA Compress control file.

3508

(ddd) WAS NOT DELETED FROM THE SHRINK CONTROL FILE

Reason:

At archive time, the delete request for a CA Compress controlled data set (ddd) was not successful.

3514

ALTER FAILED FOR NON-VSAM DSN = (ddd)

Reason:

An IDCAMS ALTER was issued for a non-VSAM data set (ddd), but was unable to modify the non-VSAM data set attributes as given.

The non-VSAM data set attributes were incorrectly defined at creation time or were incorrectly altered after creation, such that IDCAMS can no longer honor the request.

3515

CATALOG DISPOSITION FAILED FOR DSN=(ddd)

Reason:

An error occurred during ARCHIVE processing while attempting to recatalog ddd to the pseudovolume. This error indicates that ddd has been scratched but not recataloged. A possible cause is an offline catalog or another catalog error.

Action:

Corrective catalog action is required if you want ddd to be eligible for auto-restore.

3516

DSCBCVEX EXIT; RETURN CODE = (rrr); VTOC NOT UPDATED

Reason:

If sysparm DSCBCVEX specifies a user exit, a return code other than 1 from the exit will cause an issuance of this message.

User-defined return codes other than 1 can be coded in the user exit. Any return code other than 1 will prevent the format 1 from being updated.

Action:

User determines any needed corrective action by user-coded return codes.

3517

DATA SET (DSN) CANNOT BE REBLOCKED BECAUSE OF SYSPARM HONORTTR SETTING

Reason:

The reblocking process does not honor TTR values during the restore function. Set sysparm HONORTTR to 'N' if the data set is to be reblocked.

3518

JFCB NOT FOUND FOR (DSN)

Action:

Contact CA Technical Support for assistance.

3519

ASSOCIATION (aaa) CI NUMBER (ccc) NOT FOUND FOR DSN = (ddd)

Reason:

A Control interval number (ccc) was not returned by IDCAMS for the given data set name (ddd). This message occurs when CADisk tries to reestablish an association name in a non-ICF (VSAM) type catalog structure.

Under normal conditions this message should not occur. This message implies that the integrity of the target catalog may be corrupted.

Action:

Use IDCAMS utilities to analyze the target catalog.

3520

UNABLE TO RETRIEVE ALIAS FOR DSN = (ddd)

Reason:

This message is generated when aliases for data set (ddd) are not created.

The data set may have been archived before alias support was implemented in CADisk. CADisk will restore the data set without an alias.

3521

DATE REFORMAT FAILURE FOR DSN = (ddd)

Reason:

An IDC3009I return code 84 reason code 2 was encountered for data set name (ddd) during date retrieval. There is a conflict between date formats. An attempt to retrieve a date in the new format (yyyyddd) failed because the request used the old format (yyddd).

3522

PHYSICAL TRACKSIZE NOT FOUND

Reason:

A request for the physical tracksize of a specific device type was not returned because the device type is new.

Action:

Contact CA Technical Support for assistance.

3523

dataset = (ddd) UNABLE TO DETERMINE CAT VOL FOR SECURITY USING OLD VOLUME FOR SECURITY CHECK

Reason:

During a VSAM restore to a new name data set (ddd), the catalog volume of the new name cluster cannot be determined. The volume of the catalog from which the data set was archived is used to check security authority.

A catalog management locate error typically triggers this message.

3524

(ddd) HAS A RECORD FORMAT OF U. DATA SET WILL NOT BE REBLOCKED

Reason:

PO data sets with a record format of U cannot be reblocked. A volume allocation product may allow reblocking of data sets with record format of U.

3525

NO DATA SETS SELECTED FOR DSN= (ddd)

Reason:

No data sets were selected during DSCL selection for data set name (ddd) when processing an implicit FIND or SCAN CAT command. This is caused when the only data sets found are cataloged to the CADisk pseudovolume.

3529

EXPIRATION DATE INVALID. EXPIRATION DATE SET TO 9999.999 FOR DSN = (ddd)

Reason:

An invalid expiration date was encountered for data set name (ddd). CADisk changed the expiration date to 9999.999 for permanent retention of the data set.

3530

RESET OF CHGBIT FAILED FOR: (ddd)

Reason:

CADisk tried to MOVE a VSAM data set (ddd). During allocation, an error prevented the move. CADisk cannot reset the change bit in the DSCB for the original copy of the data set.

Most likely, another program changed the DSCB entry for the data set after it was retrieved for MOVE processing. In theory, this should not happen since an exclusive enqueue is in effect for move processing.

The data set may qualify for backup unnecessarily because the change bit is left on. The DSCBUPDT Utility can be used to turn off the change bit.

3531

ONLY ONE REBUILD COMMAND PER JOB EXECUTION 3531 TO PROCESS MORE FILES, RUN MORE STEPS. ONLY FIRST COMMAND PROCESSED

Reason:

CADisk processing encountered more than one REBUILD command in a jobstep. To REBUILD more files for the CADisk Files Data Set, you must execute more than one REBUILD job.

3535

VSAM DATA SET (ddd) SELECTED FOR ARCHIVE/BACKUP. TO RECOVER THIS DATA SET ADD (vvvvvv) ON THE RECOVER COMMAND.

Reason:

This VSAM cluster (ddd) was selected for Archive or Backup processing because a portion of the cluster resided on volume (vvvvvv). This was not the primary volume for the data component of the cluster.

Only the volume serial for the primary volume of the data component is stored on the DSNINDEX record for the cluster. Recover processing will only select a data set based on that volume serial. Therefore, it is possible that a cluster would not be selected for recovery if the volume selection parameters were the same as those used to select it for Archive or Backup.

Action:

To ensure that this cluster will be selected for recovery, you should include the volume (vvvvvv) in the volume parameter list for the Recover job.

3537

LINK ERROR TO TMS EDM, RC=(rrr) NO VOLSERS CAN BE SCRATCHED VIA EDM INTERFACE

Reason:

In an attempt to scratch a tape, a link error occurred while using the External Data Manager Interface of TMS.

The return code (rrr) provides a reason for this failure. A likely cause for failure is that the TMS load module was not available for the job (S806 abend).

Action:

Correct the reason for the link failure. All tapes expired during this job run must be scratched manually from TMS.

3538

POINT FOR DATA CA AT RBA=99999999 FAILED RC=9999 REASON CODE=9999

Reason:

The problem occurred during read processing for a VSAM KSDS using the control interval access method. A POINT was issued to position the data set to the next non-contiguous CA, and VSAM indicated that the POINT failed. The reason for the failure may be looked up in the IBM *MVS Messages Guide*, message number IDC3009I.

If this situation occurs, the system terminates the reading and all processing for the VSAM cluster.

This message should never happen. If the problem occurs, it indicates a logic error either in VSAM or CADisk.

3539

KGE POINT FOR DATA CA FAILED. RC = 9999 REASON CODE = 9999

Reason:

The problem occurred during read processing for a VSAM KSDS using the control interval access method. A POINT was issued to position the data set to the next non-contiguous CA, and VSAM indicated that the POINT failed. The reason for the failure may be looked up in the IBM *MVS Messages Guide*, message number IDC3009I.

If this situation occurs, the system terminates the reading and all processing for the VSAM cluster.

This message should never happen. If the problem occurs it indicates a logic error either in VSAM or CADisk.

3541

ALLOCATION FAILED FOR VOLUME: (vvv), DSN=(ddd)

Reason:

During RESTORE processing of a multivolume VSAM data set, volume (vvv), data set (ddd), was needed but cannot be allocated. This message can occur if one of the volumes from which the original data set was archived no longer exists, or is offline and the mount request cannot be satisfied.

Action:

Make sure that all needed volumes are available for the restore, or preallocate the data set before restoration.

3542

(ppp) HAS NO (sss) VOLUMES.

Reason:

During a listing of the volumes in tape pool (ppp), CADisk found no volumes that matched the specified STATUS= parameter (sss). The status can be either SCRATCH or IN USE, depending on the value of the STATUS= parameter. This is an informational message.

3543

NO RECORDS SELECTED

Reason:

A LISTD or LISTV was performed and no records were found to match the search argument.

3544

RECORD NOT FOUND FOR =

Reason:

LISTD or LISTV was performed and no record was found to match a volser or DSN.

3545

UNCATALOG ACTION AGAINST (ddd) FAILED

Reason:

CADisk was unable to uncatalog a SMS-managed data set (ddd) when doing archive disposition processing.

Action:

If the problem occurs, it indicates either logic errors in CADisk or a catalog error. If the reason for the catalog error cannot be determined, contact CA Technical Support for assistance..

3546

SCRATCH ACTION SUPPRESSED DUE TO CATALOG ACTION FAILURE

Reason:

During archive disposition processing for a SMS-managed data set, CADisk cannot take the appropriate catalog action. The data set will not be scratched as a result.

Action:

Previous error messages will document the reason for the catalog disposition error. Take the corrective action documented by the previous messages and rerun the archive job.

3547

VOLUME ALLOCATION FOR (vvv) FAILED, SCRATCH BYPASSED

Reason:

Before scratching an SMS-managed data set, the volumess (vvv) where the data set resides cannot be allocated. No scratch action will be performed.

Action:

If the problem occurs it indicates either logic errors in CADisk or a MVS system error. If the reason for error cannot be determined, contact CA Technical Support for assistance..

3548

SCRATCH ACTION AGAINST (ddd) FAILED

Reason:

During archive disposition processing, CADisk was unable to scratch a SMS-managed data set (ddd).

Action:

If the problem occurs it indicates either logic errors in CADisk or a catalog error. If the reason for the error cannot be determined, contact CA Technical Support for assistance.

3549

CATALOG ENTRY RECOVERY FAILED FOR (ddd)

Reason:

During recovery for a scratch error, CADisk has failed to recreate the catalog entry for data set (ddd).

This problem should only occur for SMS-managed data sets and will be preceded by message 3548.

Action:

If the problem occurs it indicates either logic errors in CADisk or a catalog error. If the reason for error cannot be determined, contact CA Technical Support for assistance.

3550

LOGIC ERROR, FIELD: (fff) NOT FOUND IN TABLE

Reason:

A logic error occurred during a call to ADSDM223. The program may be called with an option of '1' to update the DSNINDEX record using the FIELDS macro, or an option of '2' to delete the DSNINDEX record. This error is issued when option '1' was specified and a field in the field list passed was not in the table of supported fields in ADSDM223.

If this situation occurs, the system continues to process, ignoring the invalid field name passed.

Action:

This message should never happen. If the problem occurs it indicates a logic error, contact CA Technical Support for assistance.

3559

UNABLE TO LOCATE MASTER CATALOG

Reason:

An attempt to obtain the Master Catalog name using the system LOCATE macro failed. The return code and reason are interpreted in a message following this one.

3560

LOCATE MACRO FAILED FOR CATALOG NAME: (ccc)

Reason:

An attempt to obtain a VSAM cluster name for the catalog name (ccc) using the system LOCATE macro failed. The return code and reason will be interpreted in a message following this one.

3561

SUBALLOCATED VSAM NOT PROCESSED, USER NOT APF AUTHORIZED

Reason:

The sysparm VSDSPACE is specified Y to process suballocated VSAM data clusters but the user was not authorized to issue the MODESET macro required attempting the processing.

Action:

Set sysparm VSDSPACE to N to bypass suballocated VSAM clusters or obtain APF authorization for the user.

3562

SUBFILE AREA (xxxxxxxx) HAS ZERO CAPACITY

Reason:

While processing the Files Data Set, subfile (xxx) was found to be defined with a zero record capacity. The job will terminate with a U100 abend.

Action:

Unload the Files Data Set, reinitialize it so that subfile (xxx) has a valid capacity and reload the data. Normal processing may continue after this is accomplished.

3563

SUBFILE AREA (xxxxxxxx) WAS SPECIFIED WITH A CAPACITY OF ZERO IS FORCED TO A CAPACITY OF ONE

Reason:

While initializing the Files Data Set, subfile (xxxxxxxx) was encountered whose capacity was set to a value of zero. This value is not permitted. The subfile capacity value was reset to a value of one. No other action is required.

Action:

None. This is an informational message.

3565

DELETE/NOSCRATCH FAILED FOR SMS-GDG = (ddd)

Reason:

While attempting to move a SMS-managed GDG (ddd), CADisk was unable to delete the original data set.

Action:

If the reason for the error cannot be determined, contact CA Technical Support for assistance.

3566

DELETE/NOSCRATCH SUCCESSFUL FOR SMS-GDG = (ddd)

Reason:

During move processing for a SMS-managed GDG, deletion of data set (ddd) was successful.

This is an informational message, which occurs during move processing for a SMS-managed GDG. No corrective action is needed.

3568

DEFINE RECATALOG OF SMS-GDG = (ddd) FAILED

Reason:

During move processing for a SMS-managed GDG, a failure has occurred and recovery of the source data set (ddd) on the original volume has subsequently failed.

Action:

After this error, the data set is left in an uncataloged state. Use the IDCAMS DEFINE NON-VSAM RECATALOG command to recatalog the data set. Determine why the move failed and take corrective action. If the reason for error cannot be determined, contact CA Technical Support for assistance.

3569

ALTER ROLLIN FOR SMS-GDG = (ddd) FAILED

Reason:

During move processing for a SMS-managed GDG, the roll in of the GDG from deferred to active status failed.

Action:

After this error, the data set is left in a deferred state. Use the IDCAMS ALTER ROLLIN command to correct the status. Determine why the move failed and take corrective action. If the reason for the error cannot be determined, contact CA Technical Support for assistance.

3572

DELETE NVR COMPLETE FOR SMS-GDG = (ddd) ON VOL = (vvv)

Reason:

During move processing for an SMS-managed GDG, the scratch action on the source volume is successful.

Action:

This is an informational message only. No action is required.

3574

UNABLE TO RECATALOG SMS-GDG = (ddd)

Reason:

During move processing for an SMS-managed GDG, a failure has occurred and recovery of source data set (ddd) on the original volume has subsequently failed.

Action:

After this error, the data set is left in an uncataloged state. Use the IDCAMS DEFINE NON-VSAM RECATALOG command to recatalog the data set. Determine why move failed and take corrective action. If the reason for error cannot be determined, contact CA Technical Support for assistance.

3575

UNABLE TO RECATALOG SMS-GDG = (ddd)

Reason:

During move processing for an SMS-managed GDG, a failure has occurred and recovery of source data set (ddd) on the original volume has subsequently failed.

Action:

After this error, the data set is left in an uncataloged state. Use the IDCAMS DEFINE NON-VSAM RECATALOG command to recatalog the data set. Determine why move failed and take corrective action. If the reason for error cannot be determined, contact CA Technical Support for assistance.

3576

DEFINE RECATALOG OF SMS-GDG = (ddd) SUCCESSFUL

Reason:

During move processing for a SMS-managed GDG, a failure has occurred. Recovery of the source data set (ddd) on the original volume was subsequently successful.

Action:

Determine the reason for failure, take corrective action, and resubmit the CADisk job. If the reason for error cannot be determined, contact CA Technical Support for assistance.

3578

COMPWORK DEALLOCATION FAILED, ABEND 100

Reason:

During PDS Compress processing, an error has occurred during deallocation of COMPWORK data set. An SVC 99 error message will be printed prior to this message. PDS Compress will terminate with a User 100 abend and a dump will be created.

Action:

If this error occurs, it indicates either a system error in MVS or a logic error in CADisk. If the reason for error cannot be determined, contact CA Technical Support for assistance.

3579

COMPWORK ALLOCATION FAILED, ABEND 200

Reason:

During PDS Compress processing, an error has occurred during the allocation of the COMPWORK data set. An SVC 99 error message will be printed prior to this message. PDS Compress will terminate with a User 200 abend.

Action:

If this error occurs, it indicates that insufficient disk space is available for the allocation. Modify the VOL=SER JCL parameter for COMPWORK DD to point to a volume with enough free space.

3582

DATA SET NOT SELECTED DUE TO SELECT/ (EXCLUSION) STATEMENTS, DSN= (ddd)

Reason:

A DSCL FIND command was used to select data sets for CADisk to process. Data set (ddd) was not selected because it did not meet the specified selection criteria.

Action:

Alter the Find, Select, or Exclude commands so that the appropriate data sets may be selected for processing. For a more detailed accounting of what commands caused the data set to be bypassed, add the DIAGDSCL DD statement to your job and resubmit.

3583

DELETE/NOSCRATCH FAILED FOR GDG = (ddd)

Reason:

During move processing for a GDG, a delete with noscratch of the data set (ddd) on the source volume has failed.

Action:

If the problem occurs, it indicates either logic errors in CADisk or a system error. If the reason for error cannot be determined, contact CA Technical Support for assistance.

3584

DELETE/NOSCRATCH SUCCESSFUL FOR GDG = (ddd)

Reason:

During move processing for a GDG, a delete with noscratch of the data set (ddd) on the source volume was successful.

Action:

None. This is an informational message.

3585

SOURCE dataset = (ddd) CANNOT BE RECATALOGED

Reason:

During move processing for a GDG, a failure has occurred and recovery of source data set (ddd) on the original volume has subsequently failed.

Action:

After this error, the data set is left in an uncataloged state. Recatalog the data set. Determine why move failed and take corrective action. If the reason for error cannot be determined, contact CA Technical Support for assistance.

3586

SOURCE dataset = (ddd) RECATALOGED

Reason:

During move processing for a GDG, A failure has occurred and recovery of source data set (ddd) on the original volume was subsequently successful.

Action:

If the problem occurs, it indicates either logic errors in CADisk or a system error. If the reason for error cannot be determined, contact CA Technical Support for assistance.

3597

NOTE: UNABLE TO GET ENQ ON GDG BASE AND ORIGINAL REQUESTOR NOT KNOWN TO HAVE IT. GDG BASE= (ggg), DSNAME= (ddd)

3597

NOTE: UNABLE TO GET ENQ ON DATA SET AND ORIGINAL REQUESTOR NOT KNOWN TO HAVE IT. DSNAME= (ddd)

Reason:

During the auto-restore of data set (ddd), an enqueue cannot be obtained for the data set or its GDG base(ggg), if it is a GDG entry. CADisk cannot determine if the original requestor of the restore had the enqueue either.

The auto-restore was allowed to proceed. It is likely that another job was requesting the data set at the same time and was a secondary invoker of the auto-restore.

3598

RECONDMP DD STATEMENT NOT PRESENT

Reason:

The RECONDMP DD statement produces a listing of the data sets from the RECON data.

Action:

None, this message is informational only.

Messages 3600-3699

3600

DATA SET IS SMS MANAGED AND SMS OVERRIDE IS NOT PRESENT ADD SMSYES PARAMETER

Reason:

The SMSYES parameter must be specified in order to override the expiration date for an SMS-managed data set.

3601

INVALID SMS MANAGEMENT CLASS NAME

Reason:

When using the CHANGE command, a valid management class name must be used when the SMSMC= parameter is specified.

Action:

Resubmit the job using a valid management class name.

3602

INVALID SMSBYPAS PARAMETER, ONLY ON OR OFF IS VALID

Reason:

This is an informational message.

3603

INVALID SMSNOEXP PARAMETER, ONLY ON OR OFF IS VALID

Reason:

This is an informational message.

3604

ALL SMS datasets WILL BE PROCESSED WITHOUT REGARD TO SMS STORAGE GROUP ATTRIBUTES

Reason:

Sysparm SMSSGBYP has been set with a value of 'Y' and the submitter of this CADisk job has Storage Administrator authority. All Storage attributes will be ignored when processing SMS-managed data sets.

3605

COMMAND REJECTED: SUPPLIED PARAMETER NEWNAME IS NOT A VALID dataset NAME.

Reason:

During DSCL command checking, the NEWNAME= parameter specified a data set name that does not conform to MVS standards.

Action:

Correct the NEWNAME= parameter and resubmit the DSCL job.

3606

BILLING OVERFLOW FOR dataset: (ddd) AMOUNT SET TO ZERO FOR REPORT WAS: (xxx)

Reason:

During the report phase of a billing cycle, the amount to be charged for data set (ddd) exceeded the maximum allowed value of 2,147,483,647. To avoid an abend the number was set to zero for the report, and this message printed.

Action:

To determine the actual amount to be charged for data set (ddd), convert value (xxx) to decimal and divide by 10000 decimal to get Dollars and Cents or 100 decimal for even Yen.

3608

DSNINDEX RECORD CHANGE DID NOT OCCUR. PLEASE CORRECT PROBLEM AND RE-SUBMIT JOB.

Reason:

A parameter specified with the CHANGE command was incorrect or failed.

Action:

Correct the failure and resubmit the job.

3609

MAXIMUM BACKUP VERSION LIMIT WILL BE BYPASSED IF SET TO 13

Reason:

During IXMAINT processing for SMS-managed data sets with an assigned Management Class that is defined with the number of backup versions value set to 13, processing will be based on CADisk parameters. The backup versions values set in the Management Class will be ignored.

This action is taken because sysparm SMSBYBKV is set to 'Y' and the user has Storage Administrator authority. This is an informational message only. No Action is required.

3611

NO USER CATALOG FOUND IN MASTER CATALOG

Reason:

The sysparm VSDSPACE is specified "Y" to process suballocated VSAM data clusters. CADisk does not find any user catalog in the master catalog.

Action:

Check the job for any JOBCAT or STEPCAT. If there is one, remove it and rerun the job. If this is not the case, set sysparm VSDSPACE to the value of "N" to bypass suballocated VSAM clusters and rerun the job.

3612

OPEN ERROR DD=(xxx) DSN=(ddd) OPEN CODE=(ccc)

Reason:

During Restore, Recover, or Merge processing, CADisk attempted to open an archive data set but failed. The open code value (ccc) indicates the return code returned from OPEN.

Processing for this archive data set is terminated, but processing of other archive data sets will continue.

Action:

If the reason for the OPEN failure cannot be determined, contact CA Technical Support for assistance.

3613

ABSOLUTE POINT ERROR. DDNAME=(xxx) DSN=(ddd) BLKID=(bbb) CODE=(ccc) REASON=(rrr)

Reason:

During Restore, Recover, or Merge processing, CADisk failed when attempting to position itself within an archive data set. The code value (ccc) and reason value (rrr) indicate the error and reason information returned from the POINTmacro. The BLKID indicates the destination on the tape where the POINT macro was attempting to locate.

Action:

If the reason for the POINT failure cannot be determined, contact CA Technical Support for assistance.

The label and catalog information for the archive data set will be needed to determine the cause of failure. Do not discard or copy the archive data set until the reason for failure is determined.

A RETRY is initiated attempting to correctly position the tape. The retry consists of setting the PRV in the BLKID to 00, and reissuing the POINT. This causes the tape drive to rewind and search for the requested block from the beginning of the tape. One of the following continuation messages is then issued:

ABSOLUTE POINT RETRY FAILED. DDNAME=(xxx) DSN=(ddd) BLKID=(bbb) RC=(rc)-(rs)

Reason:

The automatic RETRY for a failing POINT has failed. Processing of this archive data set is terminated, but processing of other archive data sets will continue.

ABSOLUTE POINT RETRY SUCEEDED. DDNAME=(xxx) DSN=(ddd) BLKID=(bbb)

Reason:

The automatic RETRY for a failing POINT has been successful. Processing of this archive data set will continue.

3614

CLOSE ERROR DD=(xxx) DSN=(ddd) CLOSE CODE=(ccc), CONTINUING

Reason:

During Restore, Recover, or Merge processing, CADisk failed when attempting to close an archive data set. The code value (ccc) indicates the error information returned from POINT.

Processing for this archive data set is terminated, but processing of other archive data sets will continue.

Action:

The label and catalog information for the archive data set will be needed to determine the cause of failure. Do not discard or copy the archive data set until the reason for failure is determined. If the reason for the CLOSE failure cannot be determined, contact CA Technical Support for assistance.

3615

UNABLE TO PROVIDE SHRINK CHARACTERISTICS DATA DUE TO LACK OF AUTHORIZATION

Reason:

A subsystem call to retrieve CA Compress characteristics for a data set was bypassed due to lack of authorization.

3617

(xxxx)

Reason:

CADisk has issued a VSAM define precheck to SMS to see if the cluster will be SMS-managed. The test of this message is returned from SMS (including ACS routines). This message may be informational in nature, or indicate an error. For error conditions, CADisk will issue its own message indicating what the error was and what is needed to resolve the error condition.

3618

ALLOCATION FAILURE FOR FILELOG dataset DSN=(ddd)

Reason:

An attempt was made to allocate the log file for the Files Data Set logging feature of CADisk, but the allocation failed. Message 2433 is printed prior to this message and indicates the specific Reason: for the failure. The allocation is retried for approximately two minutes if the SVCER99 code is 0210 (data set in use). If it does not become available in two minutes, the CADisk job attempting to allocate the log file will be abended with a U100.

This message may be issued if the TSO user, or the user submitting the job is no longer authorized to create the data set name specified by the FILOGNAM CADisk sysparm.

3619

MORE THAN 20 VOLUMES WERE ALLOCATED FOR THIS DATA SET

Reason:

The VSAM allocation that occurred used more than 20 volumes. The allocation was successful, but CADisk may not list more than the first 20 volumes on reports.

This message will be issued if the actual volume count allocated is greater than 20.

3620

DATA SET (ddd) NOT SELECTED DUE TO INVALID COMBINATION OF ACTION COMMAND (ccc) WITH SELECT COMMAND

Reason:

A DSCL command was used to select data sets for CADisk to process. No data set was selected because the command was not BACKUP or REPORT.

The data set was either a user catalog or a VTOC. If no other errors were found, the CADisk step will end with a return code of 4.

If the CATALOGS command was specified in the select command, the only valid action commands were BACKUP and REPORT.

3622

UNABLE TO ADJUST TO NEW ALLOCATION, ORIGINAL SECONDARY ALLOCATION IS 0

Reason:

A PDS Compress job tried to allocate the data set with new space attributes from the ALLOCATE parameter in the COMPRESS command. In order to satisfy the user requirement, the space allocation must be adjusted. CADisk will not adjust the secondary allocation if the original secondary allocation is zero and the secondary allocation value in the ALLOCATE parameter is zero. After this message is issued, the compression will continue and the original space allocation will be used to allocate the compressed data set.

3623

LOGICAL ACCESS WAS SPECIFIED FOR BACKUP OR ARCHIVE, BUT CI ANALYSIS REPORT WAS REQUESTED 3623 EITHER SPECIFY "ACCESS=CI" ON COMMAND, OR REMOVE THE CI REPORT REQUEST

Reason:

Control interval (CI) access is required to produce a Control Interval Analysis (CIA) report, but the logical access was specified for VSAM files for this job. This is inconsistent. Either specify control interval access, or remove the report request.

3624

SMSUPDAT OVERRIDE IS x

Reason:

The x indicates the value assigned to the system parameter SMSUPDAT.

3625

SMSUPDAT OVERRIDE IS INVALID. Y ASSUMED.

Reason:

The value supplied for the system parameter SMSUPDAT is not a Y, N, or S. Therefore, we assume it is the default value of Y.

3627

DASD CALC SERVICES NOT FOUND - DFP LVL=(nn) OPT BLK SZ NOT OBTAINED - DSN=(ddd) MOVED-COPIED USING SRCE VOL BLK SZ FOR SPACE ADJ CALCS

Reason:

An attempt was made to obtain the optimum block size factor through DASD CALCULATION SERVICES for the data set when moving or copying it to the target volume.

A possible reason for the occurrence is that the DASD CALCULATION SERVICES were not found.

If this message is issued, an IBM operating system problem may be the cause.

3634

RESTORE FROM FORMAT-2 ARCHIVED PDS TO PRE-ALLOCATED PDSE NOT SUPPORTED

Reason:

When restoring an archived PDS to a preallocated PDSE, the archive format of the archived PDS prevented CADisk from restoring it. Processing for this archived data set is terminated, but processing of other archived data sets will continue.

The source data set was archived prior to release 7.7 using DASD EXCP archive.

Action:

Either of the following Action's can be used to achieve conversion:

- Restore the archived data set (without a preallocated PDSE as target) and run CADisk COPY NEWNAME=.
- Restore the archived data set (without a preallocated PDSE as target), archive it again, and restore the newly archived PDS to the preallocated PDSE.

3635

nnnn OPEN UNSUCCESSFUL RC=(ccc)

Reason:

During RESTORE, CADisk attempted to open a target data set but failed (not DCB abend). The target data set name is displayed after message number 3635 and the value of RC= indicates the return code from OPEN.

Processing for this archive data set is terminated, but processing of other archive data sets will continue.

Action:

Refer to the IBM guide regarding OPEN return codes and take action accordingly.

3636

MEMBER (mmm) IN (nnn) BYPASSED, DISCONNECTED ALIAS NOT ALLOWED IN PDSE

Reason:

When restoring an archived PDS to a preallocated PDSE, CADisk detected that the member (mmm) is a disconnected alias in the archived PDS (nnn). Processing continues but the bypassed member will not be restored.

The source data set can be archived with a non-zero threshold value in the PDS Anomaly Table.

Action:

If the source data set was not archived by PDS anomaly processing, contact CA Technical Support for assistance.

3637

USER TTRN FOUND IN DIRECTORY ENTRY OF MEMBER (mmm) IN (nnn) USER TTRN NOT ALLOWED IN PDSE, MEMBER BYPASSED

Reason:

This message has two print lines. When restoring an archived PDS to a preallocated PDSE, CADisk found that member (mmm) in the archived PDS (nnn) has user pointers in its directory entry. Processing continues but the bypassed member will not be restored.

Action:

Contact CA Technical Support for assistance.

3638

MEMBER (mmm) IN (nnn) ALREADY EXISTS NOT REPLACED

Reason:

When restoring an archived PDS to a preallocated PDSE, CADisk detected that the member indicated by (mmm) was found in both the source (archived PDS) and the target (preallocated PDSE - indicated by (nnn)). Processing of the archived data set continues, but the same named archived member will not overlay the indicated member in the target data set.

Action:

To overlay the existing member in the target data set, specify the REPLACE parameter in RESTORE command.

3639

DIRECTORY PROCESS ERROR FOR MEMBER (mmm) IN (nnn) RC=(ccc) RS=(sss)

Reason:

When restoring an archived PDS to a preallocated PDSE, CADisk encountered an error while processing directory entry of member (mmmm) in the preallocated PDSE (nnnn). Processing of this archive data set is terminated, but processing of other archive data sets will continue.

Action:

See the IBM guide regarding STOW return code (indicated by ccc) and reason code (indicated by sss).

3640

(nnn) DIRECTORY UPDATE ERROR ON MEMBER (mmm) RC=(ccc) RS=(sss)

Reason:

When restoring an archived PDS to a preallocated PDSE, CADisk encountered an error while updating directory entry of member (mmmm) in the preallocated PDSE (nnnn). Processing of this archive data set is terminated, but processing of other archive data sets will continue.

Action:

See the IBM guide regarding return code (ccc) and reason code (sss) of STOW with option R.

3641

DATA BLOCK LENGTH OF (aaa) EXCEEDS DEVICE TRACK SIZE OF (bbb) (nnn) CANNOT BE RESTORED TO VOL=(vvv)

Reason:

When restoring an archived PDS to a preallocated PDSE, CADisk detected that the block size (aaa) of the archived PDS (nnn) is greater than the track capacity (bbb) of the target volume (vvv). Processing of this archive data set is terminated, but processing of other archive data sets will continue.

Action:

One of the following Action's should resolve the problem:

- Restore the archived PDS to another preallocated PDSE, which resides on a larger device.
- Move the preallocated PDSE to a larger device and rerun the restore job.

3642

(aaa) MEMBERS IN (nnn) ALREADY EXIST NOT REPLACED

Reason:

During a restore of an archived PDS to a preallocated PDSE, CADisk issued this message to indicate the total number (aaa) of message 3638 issued against the preallocated PDSE (nnn).

Action:

Refer to message 3638 for detail.

3643

(aaa) DISCONNECTED ALIASES IN (nnn) BYPASSED AND NOT RESTORED

Reason:

During a restore of an archived PDS to a preallocated PDSE, CADisk issued this message to indicate the total number (aaa) of message 3636 issued against the archived PDS (nnn).

Action:

For more information, see the message 3636.

3644

(aaa) MEMBERS WITH USER TTRN IN (nnn) BYPASSED AND NOT RESTORED

Reason:

During a restore of an archived PDS to a preallocated PDSE, CADisk issued this message to indicate the total number (aaa) of message 3637 issued against the archived PDS (nnn).

Action:

For more information, see the message 3637.

3645

(nnn) - NO MEMBER ADDED OR REPLACED

Reason:

During a restore of archived PDS to a preallocated PDSE, CADisk issued this message to indicate no member has been restored from the archived PDS to the preallocated PDSE (nnn).

If the archived PDS is not an empty data set then at least one of the following message numbers should also be found in the report: 2132, 2138, or 3635 to 3644. See these messages for detail.

3646

USER TTRN FOUND IN DIRECTORY ENTRY OF MEMBER (mmm) IN (nnn) USER TTRN NOT ALLOWED IN PDSE, MEMBER BYPASSED

Reason:

The message is the same as message 3637 except this is for restoring from a non-EXCP archived PDS to a preallocated PDSE.

Action:

For more information, see the message 3637.

3647

MEMBER (mmm) IN (nnn) ALREADY EXISTS NOT REPLACED

Reason:

The message is the same as message 3638 except this is for restoring from a non-EXCP archived PDS to a preallocated PDSE.

Action:

For more information, see the message 3638.

3648

DIRECTORY PROCESS ERROR FOR MEMBER (mmm) IN (nnn) RC=(ccc) RS=(sss)

Reason:

The message is the same as message 3639 except this is for restoring from a non-EXCP archived PDS to a preallocated PDSE.

Action:

For more information, see the message 3639.

3649

(aaa) MEMBERS IN (nnn) ALREADY EXIST AND NOT REPLACED

Reason:

The message is the same as message 3642 except this is for restoring from a non-EXCP archived PDS to a preallocated PDSE.

Action:

For more information, see the message 3642.

3650

(aaa) MEMBERS WITH USER TTRN IN (nnn) BYPASSED AND NOT RESTORED

Reason:

The message is the same as message 3644 except this is for restoring from a non-EXCP archived PDS to a preallocated PDSE.

Action:

For more information, see the message 3644.

3651

(nnn) NO MEMBER ADDED OR REPLACED

Reason:

This message is the same as message 3645 except this is for restoring from a non-EXCP archived PDS to a preallocated PDSE.

If the archived PDS is not an empty data set then at least one of the following message numbers should also be found in the report: 2132, 2138, or 3646 to 3650. See these messages for further detail.

3652

USER TTRN FOUND IN DIRECTORY ENTRY OF MEMBER (mmm) IN (nnn)

Reason:

During a copy or a move of a PDS to a preallocated PDSE, CADisk found the member (mmm) in the source PDS (nnn) has user pointers in its directory entry.

Action:

Message 3653 or 3654 will follow this message, refer to them for further detail.

3653

USER TTRN NOT ALLOWED IN PDSE, MEMBER BYPASSED

Reason:

When this message follows message 3652, CADisk COPY function determined to bypass the member. Processing for the source data set continues. See the message 3652 for member name and source data set name.

Action:

One of the following Action's should resolve the problem:

- Copy to preallocated PDS (instead of PDSE).
- Clear user TTRNs in directory entry of the member then run a COPY (to PDSE) job again.

3654

USER TTRN NOT ALLOWED IN PDSE, MOVE TERMINATED

Reason:

When this message follows message 3652, CADisk MOVE function terminated processing. See the message 3652 for member name and source data set name.

Action:

One of the following Action's should resolve the problem:

- MOVE to preallocated PDS (instead of PDSE).
- Clear user TTRNs in directory entry of the member then run a MOVE (to PDSE) job again.

3655

MEMBER (mmm) IN (nnn) BYPASSED, DISCONNECTED ALIAS NOT ALLOWED IN PDSE

Reason:

When copying a PDS to a preallocated PDSE, CADisk detected that the member (mmm) is a disconnected alias in the source PDS (nnn). Processing continues but the bypassed member will not be copied.

Action:

To eliminate this problem, copy to a preallocated PDS.

3656

MEMBER (mmm) IN (nnn) IS A DISCONNECTED ALIAS

Reason:

During a move of a PDS to a preallocated PDSE, CADisk found the member (mmm) in the source PDS (nnn) is a disconnected alias.

Action:

Message 3658 will follow this message, refer to it for further detail.

3657

(aaa) DISCONNECTED ALIASES IN (nnn) BYPASSED AND NOT COPIED

Reason:

During a copy of a PDS to a preallocated PDSE, CADisk issued this message to indicate the total number (aaaa) of message 3655 issued against the source PDS (nnnn).

Action:

For more information, see the message 3655.

3658

(aaa) DISCONNECTED ALIASES IN (nnn), MOVE TERMINATED

Reason:

During a move of a PDS to a preallocated PDSE, CADisk issued this message to indicate the total number (aaa) of message 3656 issued against the source PDS (nnn). Move process terminated.

Action:

For more information, see the message 3656.

3659

(aaa) MEMBERS WITH USER TTRN IN (nnn) BYPASSED AND NOT COPIED

Reason:

During a copy of a PDS to a preallocated PDSE, CADisk issued this message to indicate the total number (aaa) of message 3653 issued against the preallocated PDSE (nnn).

Action:

For more information, see the message 3653.

3660

MEMBER (mmm) IN (nnn) SELECTED

Reason:

When restoring an archived PDS to a preallocated PDSE, CADisk issued this informational message to indicate that the member (mmm) in the archived PDS (nnn) was selected by the criteria in the MEMBER parameter of the RESTORE command.

3661

(aaa) MEMBERS IN (nnn) SELECTED

Reason:

When restoring an archived PDS to a preallocated PDSE, CADisk issued this informational message to indicate the total number (aaa) of message 3660 issued against the archived PDS (nnn).

Action:

For more information, see the message 3660.

3662

(ddd) F1DSCB RETRIEVE FAILED

Reason:

During restore processing, CADisk attempted to read the Format-1 DSCB of the target data set (ddd) but failed. Processing for this archive data set is terminated, but processing of other archive data sets will continue.

Action:

The label and catalog information for the archive data set and the target data set will be needed to determine the cause of failure. Contact CA Technical Support for assistance.

3663

PDSE DIRECTORY INITIALIZATION FAILED FOR (ddd) RC=(ccc) RS=(sss)

Reason:

During restoring to PDSE, CADisk encountered an error while initializing target data set (ddd) directory. Processing of this archive data set is terminated, but processing of other archive data sets will continue.

Action:

See the IBM guide regarding STOW (with option I) return code (ccc) and reason code (sss).

3664

AIX (ddd) BYPASSED FOR EXPIRE PROCESSING

Reason:

An AIX by the name of (ddd) was encountered during EXPIRE processing before its associated Cluster. EXPIRE does NOT process AIXs as separate data sets.

Action:

Processing will continue and no further action is required. If deletion of the AIX separately is required, this can be done with the DELETE function.

3665

INVALID MAJOR COMPONENT TYPE

reason

A component name other than a cluster or an alternate index was encountered when trying to retrieve catalog information to perform security validation during MOVE / COPY. Previous messages may also have been issued which will provide more information concerning the error. Processing continues with the next data set.

Action:

Re-try the operation. Contact CA Technical Support for assistance if unsuccessful.

3666

UNABLE TO GET CATALOG VOLUME SERIAL NUMBER FOR DATA SET

reason

CADisk was unable to retrieve the catalog volume serial number for the data set being moved or copied because of errors described in previous messages. Processing continues with the next data set.

action

Re-try the operation. Contact CA Technical Support for assistance if unsuccessful.

3667

SECURITY VALIDATION OF (aaa) AUTHORITY, IS UNAUTHORIZED FOR DSN = (ddd)

Reason:

CADisk has issued a security call to verify if the user is authorized to process a data set but the user was not authorized as described in previous messages. Preceding messages should provide more information concerning the error. Processing continues with the next data set.

Action:

To perform the operation, you must either be given the proper authority to do so, or have a person authorized to process the data set, and run the CADisk job.

3673

DATA SET (ddd) HAS NEVER-EXPIRE DATE. BYPASSED FOR EXPIRE PROCESSING

Reason:

CADisk will not expire data sets with Expiration dates of 99365, 99366, 99000, or 99999. These are considered never-expire dates and will be bypassed from EXPIRE processing.

3674

MODESET CMD DID NOT SPECIFY MIGSMSDS DSN= (ddd) ON VOL=(vvv) IS SMS MANAGED - DATA SET NOT MIGRATED

Reason:

The SMS-managed data set (ddd) on volume (vvv) was rejected for migration from DASD to tape because the MIGSMSDS parameter was not specified on the MODESET command. Specify the MIGSMSDS parameter and resubmit the job.

3675

MODESET CMD SPECIFIED MIGSMSDS. DSN= (ddd) ON VOL= (vvv) IS NOT SMS MANAGED - DATA SET NOT MIGRATED

Reason:

The data set (ddd) on volume (vvv) was rejected for migration from DASD to tape because it is not SMS-managed but the MIGSMSDS parameter was specified on the MODESET command.

Action:

Remove the MIGSMSDS parameter and resubmit the job.

3676

REQUESTOR NOT AUTHORIZED TO PROCESS SMS CONTROLLED DATA SETS

Reason:

An attempt to process SMS-controlled data sets without authorization was detected. The MODESET command "MIGSMSDS" was specified, but the requestor does not have SMS Storage Administrator Authority, which is required in order to migrate SMS-controlled data sets with Sequential Migrate.

Action:

See your SMS administrator to obtain the required SMS Storage Administrator authority and resubmit the job.

3677

DD VOLUME ALLOCATION FOR (vvvvvv) FAILED, DELETE NVR FOR SMS DSN=(ddd) BYPASSED

Reason:

While attempting to expire an uncataloged SMS data set, volume allocation failed for the volume (vvvvvv) on which the data set (ddd) resided so the expire action was bypassed.

Action:

Make sure the volume specified exists and is online.

3678

DELETE NVR FOR DSN=(ddd) ON VOLUME=(vvvvvv) FAILED

Reason:

An attempt was made to expire an uncataloged SMS data set (ddd) on a specific volume (vvvvvv) failed since the catalog action DELETE NVR cannot find a VVDS record or a VTOC entry.

3681

NVMUT002 ERROR IN INSTALL. RETURN CODE = (ccc)

Reason:

An error occurred during an attempt to install the CADisk IGGDASU2 User Exit. Return code (ccc) is from the program performing the installation.

Action:

This message represents a should not occur situation. If you are unable to determine the problem, contact CA Technical Support for assistance.

3682

NVMUT002 ERROR IN REMOVE. RETURN CODE = (ccc)

Reason:

An error occurred during an attempt to remove the CADisk IGGDASU2 User Exit. Return code (ccc) is from the program actually performing the installation.

Action:

This message represents a should not occur situation. If you are unable to determine the problem, contact CA Technical Support for assistance.

3683

INVALID PARM= SPECIFIED, USE PARM=I OR PARM=R.

Reason:

An incorrect PARM= value was specified on the EXEC statement for the program ADSDASIN, the User Exit installation/removal program. The program doing the installation or removal of the CADisk IGGDASU2 User Exit generates this message.

Action:

Specify PARM=I to install the User Exit, or PARM=R to remove the User Exit.

3684

CANNOT OPEN STEPLIB.

Reason:

The program attempted to open the STEPLIB DD file so that a LOAD can be issued for the User Exit IGGDASU2, but the file failed to open properly. The program doing the installation or removal of the CADisk ADSDASU2 User Exit generates this message.

Action:

Assure that the STEPLIB DD statement is allocated properly and available to the program, and resubmit the job.

3685

CANNOT FIND ADSDASU2 IN STEPLIB.

Reason:

The program attempted to LOAD ADSDASU2 from the STEPLIB allocated, but the member was not in any library concatenated to the STEPLIB DD statement. The program doing the installation or removal of the CADisk IGGDASU2 User Exit generates this message.

Action:

Assure that the STEPLIB DD statement is allocated properly and pointing to the proper library, and resubmit the job.

3686

CANNOT GET MEMORY TO LOAD ADSDASU2 INTO CSA.

Reason:

The program attempted to obtain storage in CSA to LOAD the CADisk User Exit ADSDASU2, but the GETMAIN request failed. The program doing the installation or removal of the CADisk IGGDASU2 User Exit generates this message.

Action:

This message represents a should never happen situation, since the storage required for the User Exit is minimal. If you are unable to resolve the problem, contact CA Technical Support for assistance.

3687

CANNOT LOAD ADSDASU2 INTO CSA. FREEING CSA STORAGE.

Reason:

The program attempted to LOAD the User Exit into CSA storage, but the LOAD macro failed. The program doing the installation or removal of the CADisk IGGDASU2 User Exit generates this message.

Action:

This problem should not occur. Check the JCL to assure that the STEPLIB library is allocated properly and that ADSDASU2 is in that library. If the problem persists, contact CA Technical Support for assistance.

3688

IGGDADSM LOAD ERROR R15 = (rrr) r1 = (sss)

Reason:

The program attempted to LOAD IGGDADSM to obtain the load point for this system load module, but the LOAD macro failed with the indicated return code. The program doing the installation or removal of the CADisk IGGDASU2 User Exit generates this message.

Action:

This problem should not occur. Check the return code for a LOAD macro. If you are unable to resolve the problem, for online technical assistance and a complete list of locations and phone numbers, contact CA Technical Support for assistance.

3689

CANNOT FIND IGGDASU2 IN IGGDADSM ADDR(xx) LEN(XX)

Reason:

The program attempted to locate IGGDASU2 CSECT in load module IGGDADSM but was unable to find the CSECT. The program doing the installation or removal of the CADisk IGGDASU2 User Exit generates this message.

Action:

This problem may occur if there is a version of IGGDASU2 that is currently unexpected and unaccounted for in load module IGGDADSM. Obtain a printed copy of CSECT IGGDASU2 using an IMASPZAP DUMP command and contact CA Technical Support for assistance.

3690

ADSDASU2 ROUTINE INSTALLATION COMPLETE.

Reason:

This in an informational message indicating the successful installation of the CADisk User Exit. The program doing the installation of the CADisk IGGDASU2 User Exit generates this message.

3691

ADSDASU2 STORAGE ACQUIRED AR ADDRESS xxx, LENGTH xxx

Reason:

This is an informational message printed during the installation of the CADisk User Exit. There is a corresponding message printed during the removal process that displays the address of CSA storage being freed. These two addresses should be the same.

3692

ADSDASU2 ROUTINE REMOVAL COMPLETE.

Reason:

This in an informational message indicating the successful removal of the CADisk User Exit. The program doing the removal of the CADisk IGGDASU2 User Exit generates this message.

3693

ADSDASU2 FREEMAIN OF CSA STORAGE = xx, LENGTH = xx

Reason:

This informational message is printed during the removal of the CADisk User Exit. There is a corresponding message printed during the installation process that displays the address of CSA storage acquired. These two addresses should be the same.

3694

SMS GDG (newddd) NOT RENAMED BACK TO ORIGINAL NAME SMS GDG (oldddd) WAS IN DEFERRED-ROLLIN OR ROLLED-OFF STATUS

Reason:

A SMS GDG (oldddd) that was in a Deferred-rollin or Rolled-off status was in the process of being moved but failed, issuing an error message 0400. The GDG is then left in a non-GDG state under the generated name (newddd).

3695

(ddd) ALLOCATED TO PDS (NOT PDSE)

Reason:

CADisk issues this informational message when all of the following conditions occur:

- SMSALLOCN is specified in sysparms
- PDSECONV parameter is specified in command
- Source data set organization is PDSE
- Target data set name is not eligible to be SMS-managed

Instead of a PDSE, CADisk allocates a PDS for the target data set (indicated by dsn).

3696

COMMAND REJECTED : THE MERGE PARAMETER CANNOT BE SPECIFIED WITHOUT THE PREALLOC PARAMETER

Reason:

Both MERGE and PREALLOC parameters must be specified at the same time on the Move/Copy commands.

Action:

Correct the command statement in error and resubmit the job.

3697

COMMAND REJECTED: THE MERGE PARAMETER CANNOT BE SPECIFIED WITHOUT THE PREALLOC PARAMETER

Reason:

Both MERGE and PREALLOC parameters must be specified at the same time on the DSCL MOVE or COPY Commands.

Action:

Correct the command statement in error and resubmit the job.

3699

Multiple IXMAINT executions are trying to update or delete the same record(s).

Reason:

Either two IXMAINT jobs are executing in SHARE mode and deleting or updating the same data or RESTORE is deleting an ARCHIVE DSNINDEX entry after restoring the data set. If there are two IXMAINT jobs executing, duplicate work is being done and your production jobs should be changed. This is an informational message only.

Messages 3700-3799

3703

DASDPOOL PARMLIB MEMBER IS NOT PRESENT

Reason:

The name of the DASDPOOL parmlib member specified on the POOL= parameter does not exist.

3704

USERID conversion for DMSAR failed, DS091 RC=xxxxxxxx

Reason:

Because sysparm ARSECURE is set to a value of 'Y', DMSAR has attempted to switch to the USERID and GROUP of the DMSAR requestor. This switch has failed.

Action:

Contact CA Technical Support for assistance.

3705

ATTEMPT TO CATALOG GDG SPHERE PLACE HOLDER FAILED FOR GDG VERSION = (ddd) CAMLST RC = (nn)

Reason:

The CAMLST catalog of the temporary GDG sphere place holder for GDG data set (ddd) was unsuccessful for CAMLST return code (nn). Check your catalog to be sure no GDG versions were unintentionally rolled-off because of the above failure.

3706

DEFAULT POOL = (ppp) IS NOW BEING PROCESSED

Reason:

This is an informational message only. If a restore allocation fails (VOL= and POOL= not used) and sysparm DFLTPOOL contains a default pool name (ppp), the allocation is redirected to the default pool name specified.

3707

WARNING! SMS MULTIVOLUME DATASET dsn WILL BE OVERLAID

Reason:

When restoring an SMS-managed multi-volume data set, this informational message is issued, if the data set indicated by the dsn is pre-allocated and SYSPARM PREALLOC is set to Y.

Action:

None. This is an informational message.

3708

SPECIFIED POOL = (ppp) DOES NOT CONTAIN ANY VOLUMES

Reason:

The DASDPOOL member specified on the POOL= parameter does not contain any members.

3711

INCHG TEXT UNIT REQUIRES AUTHORIZATION FOR SVC 99 CALL. TEXT UNIT BYPASSED.

Reason:

The text unit INCHG requires the program execute authorized. If it is necessary to use this text for DFSMS control, rerun the job from an authorized load library.

Action:

See your IBM guide for Dynamic Allocation and SVC 99 functions for further information.

3712

INCHG TEXT UNIT REQUIRES ESA 4.3 OR HIGHER. TEXT UNIT BYPASSED.

Reason:

The text unit INCHG requires the program execute on MVS/ESA 4.3 or higher. If it is necessary to use this text for DFSMS control, rerun the job on an ESA 4.3 and above system.

Action:

See your IBM guide for Dynamic Allocation and SVC 99 functions for further information.

3713

DATA SET (ddd) IS CURRENTLY CATALOGED TO VOLSER = (vvv). RESTORE IS BYPASSED

Reason:

During the deferred restore process, the data set (ddd) was cataloged to ARCIVE and the SYSCTLG parameter was specified. The DISPOSE process detects the catalog change from ARCIVE for data set (ddd), and bypasses the restore request.

3714

IMPLICIT COMPRESS BYPASSED FOR APF AUTHORIZED LIBRARY

Reason:

By default, an implicit attempt to compress a library defined in the systems APFLST is bypassed.

Action:

Note: For more information about this restriction and corrective action, see the section Restrictions in the chapter "PDS Compression" in the *User Guide*.

3715

DSN (ddd) WAS IN USE BUT DMSNOENQ WAS SUPPLIED

Reason:

A data set (ddd) that was in use was backed up because the user exit USERSENQ was supplied with DMSNOENQ.

3717

CA ALLOCATE NOT INSTALLED

Reason:

The user has requested to use the CA Allocate product through the VAMPOOL parameter. During execution of the #VAMSRVD macro which executes the CA Allocate programming interface, a return code of X'16' was received. This denotes that the CA Allocate product is currently not active on the system in any supported release.

3718

CA ALLOCATE INTERNAL ERROR

Reason:

The user has requested to use the CA Allocate product through the VAMPOOL parameter. During execution of the #VAMSRVD macro which executes the CA Allocate programming interface, a return code greater than X'0' was received. This denotes a serious problem with the Control Blocks that are managed between CADisk and CA Allocate.

Action:

Execute a trace of module ADSST060 and contact CA Technical Support for assistance.

3719

CA ALLOCATE PROCESSING ENDED, ONLY THE QUOTA PRODUCT WAS FOUND

Reason:

The user has requested to use the CA Allocate product through the VAMPOOL parameter. During execution of the #VAMSRVD macro which executes the CA Allocate programming interface, the VAMRLSE parameter discovered that the site only has support for the Quota portion of CA Allocate. The CADisk interface cannot be supported when the Quota facility is the only CA Allocate function available.

3720

OBTAIN FAILURE ON VOLUME = (vvv) RC = (ccc). DATA SET = (ddd) WILL BY BYPASSED

Reason:

The OBTAIN macro was issued to get the VTOC entry for data set (ddd) on volume (vvv). System OBTAIN processing returned error code (ccc).

3721

UNABLE TO OPEN THE RECON DATA SET

Reason:

CADisk cannot open the specified IMS RECON data set. Processing ends.

3722

RECON DATA SET IN USE BY ANOTHER TASK, CUSTOMER REQUESTED TO NOT WAIT FOR ENQUEUE VIA USERMODC

Reason:

The IMS RECON data set is in use by another user of the system, and the user, through USERMODC in the INSTALL library, has specified that they do NOT want to wait for the enqueue to complete successfully. No action necessary for this error.

Action:

Resubmit the job when the IMS RECON data set is free.

3724

VSAM WILL GENERATE COMPONENT NAMES - nnn

Reason:

CADisk did not generate the cluster's newname during a COPY operation because the original base cluster had VSAM generated component names and the sysparms VSDATSUF, VSINXSUF, and VSAPPEND were all set to their default values. The message will contain the newname cluster's name; indicated by nnn in the message text above.

action

Should you want CADisk to generate the component names for the INDEX or DATA components, specify a value of one to eight characters on the sysparms VSDATSUF for the data component or one to eight characters on the sysparm VSINXSUF for the index component, or specify a value of Y to sysparm VSAPPEND and let the values of VSDATSUF and VSINXSUF default. This will result in DATA and INDEX being appended to the VSAM generated component name.

3729

DSNAME=(ddd) NOT [CATALOGED|ROLLED IN] - Reason:

Reason:

This message is issued when a GDS cannot be cataloged (non-SMS) or rolled in (SMS) after MOVE, COPY, RESTORE, RECOVER, or IXCATLG. When issued, the data set will remain uncataloged (for non-SMS) or DEFERRED (for SMS). One of the following Reasons will be given:

3729

ERROR RETRIEVING SPHERE

Reason:

CADisk encountered an error when trying to retrieve the catalog information for the GDG. The catalog error code will be given in message 2546.

3729

SPHERE IS FULL

Reason:

After checking the GDG information, it was determined that cataloging or rolling in the data set would cause another entry to be rolled-off. The user will need to determine whether to manually catalog or roll in the data set, or leave it uncataloged or deferred.

3729

ORIGINAL STATUS WAS NOT ACTIVE

Reason:

The last known status for the data set was ROLLED-OFF or DEFERRED, so the entry was not rolled in. The original status will apply to renamed data sets as well.

For MOVE and COPY, the original status is based upon the catalog entry prior to the MOVE/COPY operation. For RESTORE and RECOVER, the catalog status at the time of the restore will be considered as the original status, if it is available (such as for preallocated data sets).

If there is no entry in the catalog, or there is no status information, the status at the time of the backup or archive will be used. If the original status cannot be determined, it will be assumed to be ACTIVE.

This reason code is issued for SMS GDSs only.

3729

GDGCATEX SAYS BYPASSGDGCATEX RETURN CODE = nnn

Reason:

The User Exit GDGCATEX was active and returned a result greater than zero. Return Code nnn indicates a catalog action should be bypassed. Consult whoever is responsible for maintaining this exit at your installation to determine what (nnn) means.

3730

SUBFILE=aaaaaa DETECTED IN OVERFLOW BLOCKS

Reason:

If it is determined that the size of the subfile is too small, an UNLOAD of the FILES data set followed by a reinitialization increasing the size of the subfile, followed by a RELOAD will correct the problem.

Action:

If the size of the subfile is adequate, a REORG of the FILES data set will correct the problem.

3731

(TO)VOLUME AND POOL ARE MUTUALLY EXCLUSIVE. CORRECT THE COMMAND AND RESUBMIT.

Reason:

For Restore or Recover, use either the POOL= parameter or the VOLUME= (TOVOLUME for Recover) parameter to specify the target volume. When both are specified, CADisk can not determine which parameter should take precedence, so the command is rejected with RC=16.

3734

DSN=<dsname> WOULD BE ASSIGNED TO SMS STORCLAS=<storclass> DURING MOVE/COPY STORCLAS=<storclass> HAS THE GUARANTEED SPACE ATTRIBUTE DSN=<dsname> BYPASSED FOR MOVE/COPY BECAUSE IT WAS NOT SELECTED WITH A DSCL COMMAND

Reason:

VSAM SMS Guaranteed Space data sets must be selected with an explicit FIND command. Any other selection method (that is, implicit FIND or any SCAN command) will be rejected and assigned this message.

Action:

For best results, the NEWVOLUMES parameter must always be coded when doing a MOVE or COPY with VSAM SMS Guaranteed Space data sets.

3741

SMS DATA SET = ddddd ON VOL = vvvvvv NOT COMPRESSED. CATALOG INFORMATION NOT AVAILABLE. SPECIFY USE PARAMETER TO PROCESS THIS DATA SET.

Reason:

This message is issued during compress processing for an SMS PDS when it is not cataloged, or a catalog error is encountered. If there is a catalog error, an IDC3009I message is issued showing the catalog return code.

Action:

If you want to process this PDS you may either catalog it, or specify the USE parameter to compress it in place.

3742

ATTEMPT TO FREE VOLSER=(vvvvvv) FAILED. VOLSER NOT FOUND IN ALLOCATED VOLUMES TABLE. IGNORING ERROR AND CONTINUING.

Reason:

This is an informational message indicating that volume (vvvvvv) to be deallocated by module ADSFH112 was not part of the requested allocation. An allocation control product has added volume (vvvvvv), as is generally done to prevent an x37 type abend, and this message documents that addition.

Action:

The CADisk operation in progress was not affected. If an allocation control product did not add volume (vvvvvv) to the allocation, then this message incdicates that an internal program logic error has occurred and it should be reported to CA Technical Support.

If another software product has added a DASD volume to the allocation, this message can be ignored.

3743

ATTEMPT TO FREE VOLSER=(vvvvvv) FAILED. VOLSER FOUND IN TABLE BUT USE COUNT IS ALREADY ZERO. IGNORING ERROR AND CONTINUING.

Reason:

This is an informational message indicating that volume (vvvvvv) to be deallocated by module ADSFH112 was found in the VOLSER table with a use count of zero and was not previously allocated. The situation was ignored by ADSFH112.

Action:

The CADisk operation in progress was not affected. If an allocation control product did not add or change a volume for the allocation, then this message indicates that an internal program logic error has occurred and it should be reported to CA Technical Support.

If another software product has added a DASD volume to the allocation, this message can be ignored.

3744

RESTORE CANCELLED FOR AIX=<aixname> BECAUSE DATA SET ALREADY EXISTS. PRE-DEFINE IS NOT PERMITTED FOR AIXES.

Reason:

The alternate index you are restoring is already defined. This is not permitted for alternate indexes and the restore was canceled.

Action:

Code the SCRATCH parameter in the DSCL or by deleting the data set before rerunning the restore.

3745

MEMBER (mmm) IN (ddd) RESTORED TO (eee)

Reason:

This informational message indicates the member name (mmm) of each member restored from source data set (ddd) into the target data set (eee).

3746

MEMBER (mmm) IN (ddd) RESTORED

Reason:

This informational message indicates for each member name (mmm) that it has been restored to the original source data set (ddd).

3747

(nnn) MEMBERS RESTORED TO (ddd)

Reason:

This informational message indicates how many members (nnn) were restored into the target data set (ddd).

3748

DATA SET BYPASSED DUE TO VTOC READ ERROR. DSN=(ddd)

Reason:

An error occurred while reading VTOC information for the indicated data set, and the data set was bypassed.

Action:

Verify the accuracy of the DSCB information before proceeding.

3749

PRE-RESTORE SCRATCH FAILED

Reason:

During the restore of a data set where the SCRATCH parameter was specified, the data set scratch operation failed. This error can occur in various circumstances, that is: security, I/O error, and so on.

3750

<dsname> is PREDEFINED. PREDEFINED CLUSTERS NOT PERMITTED BECAUSE VSPREDEF SYSPARM HAS VALUE "N". RESTORE TERMINATED.

3750

<dsname> IS PREDEFINED. PREDEFINED CLUSTERS NOT PERMITTED FOR AUTORESTORE. RESTORE TERMINATED.

Reason:

The data set with name <dsname> is being restored and is predefined. This is not permitted for the indicated reason. The RESTORE operation is terminated.

3751

NO REPORT RECORD WRITTEN FOR DSNAME dsn ON VOLUME volser

Reason:

This message can be issued for the MVDICT, SVDICT or DSUTIL reports when processing a multivolume data set using a SCAN CATALOGS or FIND command. CADisk attempts to report on all volumes in the catalog for each data set.

One of the following reasons will be given:

VOLUME IS NOT AVAILABLE

Reason:

An attempt was made to retrieve volume information, but the volume was not found. The volume may be a candidate volume for the data set, and therefore may not currently be available.

FORMAT1 NOT FOUND ON VOLUME

Reason:

CADisk was unable to find the FMT1 DSCB for the data set on the specified volume. The volume may be a candidate volume for the data set, or, due to a prior command (that is, MOVE or ARCHIVE), the data set has been removed from the volume within the same SCAN/SELECT environment

3752

AUTO RESTORE REQUEST BY (jjj) IS PASSED TO THE SUBSYSTEM FOR DSN = (ddd)

Reason:

When the CAVantage SRM Auto Restore Manager (ARM) is active, this informational message containing the data set (ddd) and jobname (jjj) will be issued for each auto-restore request passed to ARM.

3754

A SUBSYSTEM RECALL REQUEST FOR DSN = (ddd) IS IN PROGRESS FOR JOBNAME = (jjj)

Reason:

When the CAVantage SRM Auto Restore Manager (ARM) is active, this informational message informs the PRIMARY requester that a DMSAR STC has begun for (ddd) and jobname (jjj). All secondary requesters of the same data set are automatically handled by ARM.

3754

A SUBSYSTEM RECALL REQUEST FOR DSN = (ddd) IS IN PROGRESS FOR JOB = (jjjjjjjj) BY AN EXTERNAL PROCESS

Reason:

CAVantage SRM Auto Restore Manager (ARM) with the JES2 Exit 6 installed has requested that ddd be restored, but the data set is currently being restored by another system. No DMSAR is started for this request, and jjjjjjjj will be released when the external restore process completes.

3755

DO YOU WANT TO WAIT (Y/N) ?

Reason:

This message allows the TSO user another option in the wait process in instances where another task is restoring the data set. Before you receive this message, an informational message is issued with the following information:

```
==> A WAIT RESPONSE WILL SUSPEND YOUR SESSION <==
```

Action:

Note: For customization options, see the section USERMOD8 in the *Installation Guide*.

3757

(ddd) IS CATALOGED TO TAPE VOLUME = (vvvvvv). RESTORE OF DATA SET IS BYPASSED.

Reason:

See the message description for 0476 for an explanation.

3758

(ddd) IS CATALOGED TO VOLUME = vvvvvv. RESTORE OF DATA SET IS BYPASSED.

Reason:

See the message description for 0476 for an explanation.

3759

(ddd) IS NOT CATALOGED. RESTORE OF DATA SET IS BYPASSED.

Reason:

See the message description for 0476 for an explanation.

3760

ORIGINAL GDG STATUS INFORMATION NOT FOUND FOR DSN (ddd)

Reason:

A GDS is being restored or recovered, but the catalog status information was not in the DSNINDEX record. The GDG status information is used to determine whether an SMS GDS should be rolled in, or remain in deferred status.

If the original status was DEFERRED or ROLLED-OFF, it will normally remain in DEFERRED status and M3729 will be issued with a RC of 2 from the job step. This return code alerts the user to perform any necessary catalog action. User Exit GDGCATEX can also be used to force the catalog action, if wanted.

When this message is issued, the GDG status will default to ACTIVE for (ddd), because the original status is unknown.

3761

ERROR DELETING RECORD = (ddd) IN ARCHCMDS SUBFILE

Reason:

Archive Dispose function encountered an error while processing the expired entry (ddd). Chaining errors in your Files Data Set may exist, possibly only in the ARCHCMDS subfile.

Action:

Ensure there are no pending queued archive commands by issuing the LISTREQ command.

Note: For information about how to execute a Files Data Set STATUS Report, see the sections FDS Management, and FDS Status Report in the *Systems Guide.*

On the STATUS Report, verify that the column Overflow Blocks is zero for all subfiles. If overflow blocks exist, increase the number of indexing blocks in the FILEDEFN member of PARMLIB, and REORG the Files Data Set. If problems occur during the REORG process, UNLOAD all subfiles except for ARCHCMDS, then reinitialize a new ARCHCMDS by issuing a RELOAD.

3762

CI ACCESS ARCHIVED VSAM CAN NOT BE RESTORED. DIFFERENT COMPACTION FORMAT VSAM, (ACERODSN), ALLOCATION TERMINATED

Reason:

The original CI-level data set originally archived, was attempted to be restored to a pre-allocated VSAM cluster that had different compaction, thus CADisk cannot restore into the allocated data set, because of the different compaction type.

Action:

CADisk has no control over the type of VSAM cluster into which we are restoring. Research the compaction formatting error and restore into a preallocated data set of an appropriate compaction in which the data set was originally backed up with, to correct as appropriate.

3771

TAPEPULL=GENERATE, FORCING SIMULATE MODE.

Reason:

This is an informational message. The XCOPY or MERGE command specified the parameter TAPEPULL=GEN, but a SIMULATE parameter was not found in the command stream. The simulate flag is being forced on.

Action:

For XCOPY, add the following statement to your command stream:

```
SET MODE=SIMULATE
```

For MERGE, add the following statement to your command stream:

```
SIMULATE,
```

3772

TAPEPULL=USE NOT ALLOWED WITH SIMULATE MODE.

Reason:

The parameter TAPEPULL=USE was specified on the XCOPY or MERGE command, but a SIMULATE parameter was also found in the command stream. These two parameters are mutually exclusive. This message is accompanied with a user ABEND 200.

Action:

Remove the SIMULATE parameter from your command stream and resubmit the job.

3773

NO VALID XCOPY COMMANDS ENTERED, JOB ABORTED.

Reason:

An XCOPY job was submitted, but no valid XCOPY commands were found in the command stream.

Action:

Fix the command and resubmit the job.

3774

CREDT= AND DAYSOLD= MAY NOT BOTH BE SPECIFIED ON THE SAME XCOPY COMMAND

Reason:

When CREDT= is specified on the XCOPY command, only ARCHVOL records with a creation date less than or equal to this value will be selected for processing. Similarly, when DAYSOLD= is specified, the number of days on the command is subtracted from the current date (or the alternate date specified), and only those ARCHVOL records with a creation date less than or equal to the resultant date will be selected.

The intent is to give the user two ways of arriving at a date to compare against the ARCHVOLS creation date. It is invalid to specify both parameters on the same XCOPY command.

3775

FCREDT= AND FDAYSOLD= MAY NOT BOTH BE SPECIFIED ON THE SAME XCOPY COMMAND

Reason:

When FCREDT= is specified on the XCOPY command, only ARCHVOL records with a creation date greater than or equal to this value will be selected for processing. Similarly, when FDAYSOLD= is specified, the number of days on the command is subtracted from the current date (or the alternate date specified), and only those ARCHVOL records with a creation date greater than or equal to the resultant date will be selected.

The intent is to give the user two ways of arriving at a date to compare against the ARCHVOLS creation date. It is invalid to specify both parameters on the same XCOPY command.

3776

NO ARCHIVES SELECTED FOR ARCHIVED DATA SET XCOPY.

Reason:

This is an informational message. During the processing of the XCOPY command, no ARCHVOL records were found that satisfy the selection criteria specified.

Action:

Check for validity of the XCOPY and SELECT commands, or it can be due to the XCPARCEX user exit processing.

3777

EXPDT= AND RETPD= MAY NOT BOTH BE SPECIFIED ON THE SAME XCOPY COMMAND

Reason:

The EXPDT parameter is provided to allow the user to specify the expiration date for DSNINDEX records written to the output Files Data Set. The RETPD is also a means by which the user may specify an expiration date for data sets copied through the XCOPY process. As such, only one of these parameters may be specified on a given XCOPY command.

3778

ARCHVOLS RECORD ARCKEY (kkk) SELECTED FOR (function) PROCESSING IS MARKED AS OPEN, THEREFORE, THIS RECORD IS BEING BYPASSED

Reason:

The specified archive data set (kkk) was selected either explicitly or implicitly by (function) for processing. When the ARCHVOLS record was examined, it was found that the record was still marked as open.

Action:

To preserve integrity, this archive data set is being bypassed.

3779

EMPTY TAPEPULL LIST NO VOLUMES SELECTED

Reason:

This is an informational message. The command parameter TAPEPULL=USE was specified. During ARCHVOLS selection processing, it was found that no ARCHVOLS from the list are to be selected. A RC=4 is returned by XCOPY.

3780

UNSUPPORTED DEVICE TYPE (tttt) FOR ARCKEY= (kkk). TAPE BEING ASSUMED

Reason:

The program ADSUT381 was called to determine the device class of the ARCHVOLS record to be processed. This program uses the UCB device type to determine the class of the device (that is, DISK, TAPE, or 3480). The program was unable to determine the proper device class to use. TAPE will be assumed.

3781

XCOPY HAS PREVIOUSLY PROCESSED VOLUME ARCKEY= (kkk)

Reason:

This is an informational message. XCOPY has selected the ARCHVOLS record for processing. But the flag in the ARCHVOLS record is on to indicate that XCOPY has previously processed the volume, and CHKFLAG was specified on the command line indicating that these ARCHVOLS should be bypassed.

3782

OPEN FAILED FOR TMPFILE DD, ABORTING.

Reason:

An attempt was made to open the TMPFILE DD during an XCOPY job, but the OPEN failed to open the data set. The TMPFILE DD is used to store copies of ARCHVOL and DSNINDEX records that need to be placed into the output Files Data Set. Since only one Files Data Set can be open at any given time, these records are stored on disk until all processing is completed before being written to the output Files Data Set. Check the JCL and resubmit the job.

3783

(aaaa) VOLUMES PROCESSED (bbbb) VOLUMES DELETED.

Reason:

This message indicates that processing has completed for Merge with (aaaa) input volumes processed and (bbbb) volumes deleted. These volume counts include all volumes for multi-volume tape archive volumes.

3784

XCOPY/MERGE TABLE OF NEWLY CREATED VOLUMES HAS BEEN EXCEEDED, CONTACT CA DISK CA TECHNICAL SUPPORT.

Reason:

The XCOPY/MERGE functions keep a table of all new ARCHVOLS created in storage for output to the MERGCOPY proc. This table allows for a maximum of 99,999 output ARCHVOLS in a single XCOPY/MERGE run. This message indicates that the table has overflowed and processing cannot continue. A user 100 abend accompanies this message.

Action:

Use LIMIT= to cut down on the number of ARCHVOLS to be merged, and forward the log and dump to CADisk CA Technical Support.

3787

UNABLE TO DYNAMICALLY ALLOCATE UNITNAME (uuuu)

Reason:

While attempting to dynamically allocate (uuuu), CADisk abended with a U100.

Action:

Contact CA Technical Support for assistance.

3788

WARNING -- NO DATA SETS SELECTED FOR PROCESSING.

Reason:

This is an informational message. During XCOPY processing it was determined that no data sets were selected. A RC=4 is generated.

3789

VTOC INDEX WAS SUCCESSFULLY UPDATED ON (vvvvvv)

Reason:

VRECOVER successfully restored indexed volume (vvvvvv) to a larger device type. The VTOCIX for volume (vvvvvv) was successfully rebuilt.

3790

UPDATE OF VTOC INDEX FOR VOLUME (vvvvvv) ENDED WITH RC = (rc)

Reason:

VRECOVER was unable to rebuild the indexed VTOC for (vvvvvv). The VTOCIX for volume (vvvvvv) was not rebuilt.

The return code (rc) indicates one of the following failures. The following is a list of return code definitions for 3790:

20

ICKDSF returned the value (rc).

24

Internal error.

28

DDNAME not found.

32

Unable to allocate ICKDSF SYSIN/SYSPRINT data sets.

36

ICKDSF abended.

Action:

If everything but the rebuild of the VTOC index worked, then the storage administrator can run a batch ICKDSF to rebuild the index. For further assistance, contact CA Technical Support.

3791

A CA DISK AUTO RESTORE TASK IS CURRENTLY RECALLING DSNAME= (ddd)

Reason:

The data set (ddd) selected by a CADisk batch job is currently being recalled by another task. (ddd) has been bypassed.

3793

A COMPRESSED ARCHIVE RECORD APPEARS TO HAVE A NEGATIVE LENGTH — DECOMPRESS FAILED

Reason:

During decompression, CADisk encountered a DSNINDEX record with an incorrect record length. This condition may be indicative of a bad tape ARCHVOL, a bad disk ARCHVOL, or hardware error.

Action:

If a duplex copy (ARCCNAME) is available, DISABLE the primary ARCHVOL and resubmit the job. If this fails, see Archive Tape Analysis Utility in the *Systems Guide* to execute using the original ARCHVOL as input. If this fails, see the section Archive Fix Utility in the *Systems Guide* to correct the problem.

3794

SYSPARM ARCTNAME WAS INCORRECTLY SPECIFIED WITH A VALUE OF "U" IN MERGE. A VALUE OF "D" WAS FORCED TO ENSURE THAT THE SAME DSNAME WAS NOT MOUNTED TWICE.

3794

SYSPARM ARCTNAME WAS INCORRECTLY SPECIFIED WITH A VALUE OF "U" IN (backup or archive) PROCESSING WHEN ARC0NAME AND ARCCNAME SYSPARMS WERE BOTH SET TO THE SAME VALUE — ARCTNAME "D" FORCED

Reason:

These messages are issued during Merge when ARCTNAME is specified with a value of U. This sysparm is valid only during Archive or Backup when either ARCCTYPE is set to NULL, or when ARC0NAME and ARCCNAME are set to different values.

If either message is issued, CADisk forces the default value of D for ARCTNAME, which ensures a unique DSNAME will be created for each output archvol. This process avoids SVC99 errors that will occur when more than one tape is requested at the same time with identical DSNAMEs.

Note: For more information, see the description for sysparm ARCTNAMEd in the *Systems Guide*.

Messages 3800-3899

3800

DISPOSE FUNCTION COMPLETED FOR FILES DATASET ddd

Reason:

This informational message indicates that all pending requests located in the either the RESTCMDS or ARCHCMDS subfiles in Files Data Set ddd have been executed.

3801

ENTRIES FOR VOL=(archvol) ALREADY EXIST

Reason:

The archive tape volume (archvol) allocated for output already has existing DSNINDEX entries in the Files Data Set. These old DSNINDEX entries must be removed using the PURGE command prior to reusing (archvol). An abend 200 is issued following this message during XCOPY processing.

Note: For information about the PURGE command, see the section PURGE Command in the *User Guide*.

3802

ERROR: SET COMMAND IS NOT THE FIRST COMMAND IN THE INPUT STREAM

Reason:

When using the FMS proc, there can only be one SET command per SYSIN, and it must be the first command in the input stream. Processing is terminated with a command error.

3803

ERROR: MULTIPLE SET COMMANDS FOUND IN INPUT STREAM. ONLY ONE IS ALLOWED.

Reason:

FMS encountered a second SET command in the input stream. When using the FMS proc, there can only be one SET command per SYSIN, and it must be the first command in the input stream. Processing is terminated with a command error.

3804

MODE= PARAMETER IS INVALID. MUST BE: SIMULATE OR LIVE

Reason:

An invalid specification was encountered during MODE= validation. Valid options are SIMULATE or LIVE. Processing is terminated with a command error.

3805

GEN= PARAMETER IS INVALID. MUST BE: YES OR NO.

Reason:

An invalid specification was encountered during GEN= validation. Valid options are YES or NO. Processing is terminated with a command error.

3806

VTOCMSG= PARAMETER IS INVALID. MUST BE: YES OR NO.

Reason:

An invalid specification was encountered during VTOCMSG= validation. Valid options are YES or NO. Processing is terminated with a command error.

3807

MSGLEVEL= PARAMETER IS INVALID. MUST BE: 0 TO 9.

Reason:

An invalid specification was encountered during MSGLEVEL= validation. Valid options are 0 to 9. Processing is terminated with a command error.

3808

NO VALID SCAN TYPE SPECIFIED, COMMAND IGNORED

Reason:

While validating the SCAN command, FMS encountered an invalid operand. Valid operand is DSNINDEX. Processing is terminated with a command error.

3809

PASSWORD COMMAND MUST FOLLOW A SCAN COMMAND

Reason:

While validating the PASSWORD command, FMS determined that a SCAN command had been omitted. The PASSWORD command requires a following SCAN command, and is only valid for the SCAN group in which it appears. Processing is terminated with a command error.

3810

ONLY ONE PASSWORD COMMAND IS ALLOWED PER SCAN GROUP

Reason:

While validating the PASSWORD command, FMS determined that a PASSWORD command had previously been specified for the current SCAN group. Only one PASSWORD command can be specified per SCAN group. Processing is terminated with a command error.

3811

SELECT REQUIRES A PRECEDING SCAN COMMAND

Reason:

While validating the SELECT command, FMS determined that a SCAN command had been omitted. The SELECT command requires a preceding SCAN command, and is only valid for the SCAN group in which it appears. Processing is terminated with a command error.

3812

RECOVER REQUIRES A PRECEDING SCAN COMMAND.

Reason:

While validating the RECOVER command, FMS determined that a SCAN command had been omitted. The RECOVER command requires a preceding SCAN command, and is only valid for the SCAN group in which it appears. Processing is terminated with a command error.

3813

AIX= MUST SPECIFY YES, NODEFINE, OR DEFINEONLY

Reason:

While validating the AIX= parameter of the RECOVER command, FMS encountered an invalid operand. Valid operands are: YES, NODEFINE, and DEFINEONLY. Processing is terminated with a command error.

3814

DEFALIAS= MUST SPECIFY YES OR NO

Reason:

While validating the DEFALIAS= parameter of the RECOVER command, FMS encountered an invalid operand. Valid operands are YES or NO. Processing is terminated with a command error.

3815

EXPORTF= MUST SPECIFY YES OR NO

Reason:

While validating the EXPORTF= parameter of the RECOVER command, FMS encountered an invalid operand. Valid operands are YES or NO. Processing is terminated with a command error.

3816

NO SCAN COMMAND ENTERED, ABORTING

Reason:

While validating the input stream, FMS determined that a SCAN command was omitted. Processing is terminated with a command error.

3817

NO ACTION COMMANDS SPECIFIED FOR SCAN GROUP # (group#)

Reason:

While validating the input stream, FMS determined that an action command was omitted for the current SCAN group. Processing is terminated with a command error.

3818

SCAN GROUP # (group#) MULTIPLE ACTION COMMANDS ARE NOT ALLOWED AT THIS TIME

Reason:

While validating the input stream, FMS encountered multiple action commands for the current SCAN group. Multiple action commands are not supported at this time. Processing is terminated with a command error.

3819

SCAN GROUP # (group#) AT LEAST ONE SELECT COMMAND IS REQUIRED AND NOT SPECIFIED

Reason:

While validating the input stream, FMS determined that a SELECT command was omitted for the current SCAN group. At least one SELECT command is required. Processing is terminated with a command error.

3820

NO DSNINDEX RECORDS WERE SELECTED FOR PROCESSING

Reason:

This informational message indicates that no data sets were selected for processing.

Action:

Use the SET MSGLEVEL=7 command. This will present diagnostic messages indicating why each data set was not selected.

3821

TABLE=(tttttttt) WAS NOT FOUND OR DOES NOT CONTAIN ANY VALID DATA

Reason:

While validating tttttttt, FMS cannot find the table specified or the member does not contain valid data. It may be empty or contain only comments. Processing is terminated with a command error.

Action:

For problem determination:

1. Verify that the proper PARMLIB data set is concatenated to the PARMLIB DD statement
2. Verify the proper Tables data set is allocated to the ddname specified by the TABLESDD system parameter
3. Verify that the table name is spelled correctly
4. Verify the table is not empty or contains more than comments.

3822

THE FOLLOWING DATA SETS WERE NOT RESTORED FOR A VTOC BASED RECOVER OF VOLUME: (vtoc volser)

3822

DSN=(vtoc dsname)

Reason:

This informational message is issued when YES is specified to the VTOCMSGS= parameter on the SET command. The default is to not print these messages.

This message is printed for all data sets appearing in the VTOC, but not selected for recovery. This includes all data sets that failed to meet either the selection criteria test or the dsname test. Another possibility is that the data set was specifically excluded by exclude table criteria.

3823

INVALID FIELD NAME REQUESTED FIELDNAM = (fieldname)

Reason:

While validating the CRITERIA statement, FMS encountered unsupported criteria.

Action:

Verify the spelling of the criteria. Processing is terminated with a command error.

3824

ABSOLUTE VALUE SPECIFIED (fieldname) IN OPERAND (operand) OF CRITERIA PARAMETER MUST BE A NEGATIVE VALUE OR ZERO

Reason:

While validating the CRITERIA statement, FMS encountered an invalid operand. The operand must be negative or zero. Processing is terminated with a command error.

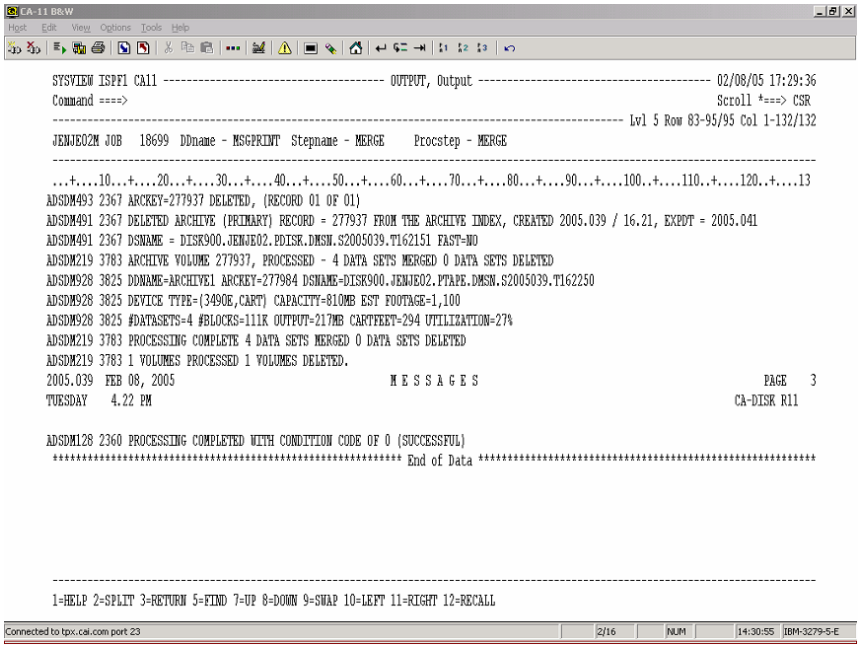
3825

<variable test>

Reason:

The text displayed in this message is utilization statistics that CADisk displays as each output ARCHVOL is created. The actual message may contain any combination of these keywords, depending on the output device and its capability of compressing data.

The following illustration is a sample MSGPRINT from a MERGE job:



3828

(xxx) <=== FIELD NOT FOUND IN PROCESSING TABLE

Reason:

The value specified for FIELDS= was invalid.

Note: For a list of valid values, see the section Possible Values for LISTD FIELDS= Parameter in the *User Guide*.

Action:

Provide a valid field name and rerun the job.

3830

NEWNAME PARM CAN ONLY BE USED FOR EXPLICIT FIND COMMANDS

Reason:

The DSCL NEWNAME parameter can only be used on a FIND command that specifies an explicit data set name on the DSN= parameter. Each explicit FIND command must then be followed by an action command accompanied with an explicit NEWNAME parameter.

Note: For more information about renaming backup DSNINDEX or archive records, see NEWNAME= in the *Systems Guide*.

3831

COMMAND REJECTED: SUPPLIED PARAMETER NEWHLQ GENERATES AN INVALID DATASET NAME

Reason:

During DSCL command preprocessing, the value specified on the NEWHLQ= parameter did not conform to MVS standards. One possible cause is that the resulting data set length would exceed the 44-character maximum.

3832

THE PARAMETER MEMBER= CANNOT BE SPECIFIED WITH DEFER

Reason:

The DSCL MEMBER= parameter cannot be specified as part of a deferred request. Remove the parameter and resubmit the job.

3833

CONCURRENT COPY INITIALIZATION SUCCESSFUL FOR (ddd) ON VOLUME (vvvvvv)

Reason:

This informational message indicates that while processing (vvvvvv), the BACKUPCC command successfully initialized (ddd).

Action:

If you see a reference to message ADS3833I, refer to message 3833's reason and action.

This is an informational message.

3834

AT LEAST PART OF THE DATASET IS ON HARDWARE LACKING CONCURRENT COPY SUPPORT.

Reason:

(vvvvvv) is not equipped with the appropriate concurrent copy micro-code.

Action:

Note: For more information, see the *IBM DFSMSdss Storage Administration Reference*, Appendix C. Application Programming Interface, User Interactions. Concurrent Copy Initialization Complete.

3834

THE CONTROL UNIT LIMIT OF CONCURRENT COPY SESSIONS HAS ALREADY BEEN REACHED, OR THE CONTROL UNIT CANNOT SUPPORT THIS OPERATION

Reason:

Hardware limits exceeded.

Action:

Note: For more information, see the *IBM DFSMSdss Storage Administration Reference*, Appendix C. Application Programming Interface, User Interactions. Concurrent Copy Initialization Complete.

3834

THE LIMIT OF DEVICES PARTICIPATING IN THE CONCURRENT COPY SESSION THAT ARE ATTACHED TO A GIVEN CONTROL UNIT HAS ALREADY BEEN REACHED

Reason:

Other hardware limitations error has occurred.

Action:

Note: For more information, see the *IBM DFSMSdss Storage Administration Reference*, Appendix C. Application Programming Interface, User Interactions. Concurrent Copy Initialization Complete.

3834

THE HOST LIMIT OF CONCURRENT COPY SESSIONS HAS ALREADY BEEN REACHED

Reason:

Host limits exceeded.

Action:

Note: For more information, see the *IBM DFSMSdss Storage Administration Reference*, Appendix C. Application Programming Interface, User Interactions. Concurrent Copy Initialization Complete.

3834

THE SYSTEM DATA MOVER WAS NOT AVAILABLE

Reason:

IBM DFSMSdss did not find the system data mover during CADisk processing.

Action:

Note: For more detail information, see the *IBM DFSMSdss Storage Administration Reference*, Appendix C. Application Programming Interface, User Interactions. Concurrent Copy Initialization Complete.

3834

CONCURRENT COPY INITIALIZATION FAILED FOR (ddd) ON VOLUME (vvvvvv) BECAUSE (rrr)

Reason:

While processing (vvvvvv), the BACKUPCC command failed to initialize (ddd).

Action:

If you see a reference to message ADS3834I, refer to message 3834's reason and action.

Note: For more detail information, see the *IBM DFSMSdss Storage Administration Reference*, Appendix C. Application Programming Interface, User Interactions. Concurrent Copy Initialization Complete.

3834

THE DATASET TYPE IS NOT SUPPORTED FOR CONCURRENT COPY

Reason:

IBM DFSMSdss does not support the data set type for concurrent copy.

Action:

If you see a reference to message ADS3834I, refer to message 3834's reason and action.

Note: For more detail information, see the *IBM DFSMSdss Storage Administration Reference*, Appendix C. Application Programming Interface, User Interactions. Concurrent Copy Initialization Complete.

3835

FUNCTION PROCESSING WAS TERMINATED BY SYSPARM OR USER EXIT

Reason:

Sysparm or User exit caused concurrent copy to terminate.

Action:

This is an informational message.

3836

PROCESSING WILL CONTINUE WITH STANDARD SERIALIZATION

Reason:

Concurrent copy return code is zero.

Action:

This is an informational message.

3837

CONCURRENT COPY INITIALIZATION WAS SUCCESSFUL FOR nnnn OF nnnn DATA SETS

Reason:

This informational message displays the number of data sets that were successfully initialized by the BACKUPCC command.

Action:

This is an informational message.

3853

OBTAIN FAILED FOR FORMAT (id) DSCB FOR (ddd) ON VOLUME (vvv) - RETURN CODE = (rc)

Reason:

CADisk issues OBTAIN (SEARCH or SEEK) macro, then failed for the format (id) (id=1, 3,or 4) DSCB of the data set (ddd) on volume (vvv) with a different return code (rc) from OBTAIN.

Action:

Data set (ddd) not found of specified DASD volume (vvv). Contact CA Technical Support for assistance.

Before contacting CA Technical Support., have the following information available:

- JCL listing for job run that failed
- CADisk command statements entered
- CADisk generated output
- Supply a SYSUDUMP DD statement and, if a dump is created, have it available

3868

Unexpected termination of DSS reader task detected before END record encountered on archive file.

Reason:

This message is generated by the CADisk/DSS interface, and occurs when the DSS portion of the interface terminates prematurely. This should be accompanied with specific DSS messages.

Action:

Review the DSS errors messages accompanied with this message, and take appropriate Action's as required.

3869

Unexpected dataset header record chain encountered. First (expected) record is at aaa. Dataset in process is ddd.

Reason:

This is an internal CADisk message that should never occur.

Action:

Contact CA Technical Support for assistance.

3870

Length of tape header delivered by DSS is lll

Reason:

ADSDI106 detected a tape header length from DSS in excess of 80 bytes.

Action:

Exclude the abending tape from CADisk processing and rerun the job.

3884

END OF EXTENT FAILURE

Reason:

This informational message indicates that during a WRITE to the Files Data Set (FDS), the FDS is allocated in more than one extent and CADisk does not currently support a FDS with more than one extent.

Action:

Increase the size of the FDS by initializing a new FDS with more space, UNLOAD the old FDS and then RELOAD it into the new FDS.

3885

NUMBER OF SINGLE ENTRY SMS BACKUP RECORDS = nnnn

Reason:

This informational message is issued during prescan processing in an SMS environment. Prior to any IXMAINT processing of DSNINDEX records, a prescan is done on the DSNINDEX subfile identifying those DSNINDEX records that are:

- SMS (Have a Management Class)
- Backups (not scratched at archive time)
- The last backup copy.

A table is built containing these records and used in IXMAINT when it is important to know about these types of records.

Note: This prescan in not performed in a non-SMS environment.

3886

(ffffff) NOT UPDATED FOR VSAM COMPONENT = (ddd)

Reason:

This message indicates that the DSCB Update utility attempted to update the VTOC field (ffffff) for cluster (ddd). Most VSAM data component fields in the VTOC are supported by this utility, with the exception of:

1. LMODT (last modified date)
2. OPCNT (open count)
3. OPCNTH (open count half word)
4. JBNM (job name or accounting code)

These fields are intended for non-VSAM only and are bypassed and not updated in the FMT1 DSCB if a VSAM component meets the dsname or volume selection. If valid VSAM updatable fields are selected in the same DSCB update utility, they will be processed correctly.

3890

<variable text> VOLUME= (vvvvvv), RC= (cccc), RS= (cccc), ID= (mmmmmmmm)

Reason:

While attempting to create a DASD free space extent table for volume (vvvvvv), a problem was encountered which is described by <variable text>. (mmmmmmmm) was the module that caused this message to be issued. The following are some possible values of the <variable text>:

- NO FREE SPACE
- NOT A DOS VOLUME
- VTOC ERROR
- OPEN ERROR: NON-APF ENVIRONMENT
- ALLOCATION ERROR:NON-APF ENVIRONMENT
- INVALID UCB OR NON-DASD MEDIA

3892

THE SMSNOSMS PARAMETER IS VALID ONLY WHEN USED WITH THE COPIES PARAMETER. COMMAND REJECTED.

Reason:

While executing the SMSNOSMS parameter of the DSNDELETE command, CADisk discovered that the COPIES= parameter was omitted from the command stream.

Action:

Add the COPIES= keyword to the IXMAINT command and resubmit the job.

3893

TOVOL OPERAND MAY NOT CONTAIN PATTERN CHARACTERS

Reason:

The value of the TOVOL parameter on the FMS RECOVER command must specify one explicit real volume serial. Pattern characters (?, !, *, and /) may not be used.

3894

(rrr) RECORDS PER LOGICAL BLOCK FOR FILE DSNINDEX

Reason:

When the FREESP= parameter is not specified on the RELOAD command, this message indicates the number of records (rrr) that would normally be loaded into a logical data block in the DSNINDEX subfile.

3895

(rrr) RECORDS PER LOGICAL BLOCK RELOADED WITH FREESPACE REQUEST

Reason:

When the FREESP= parameter is specified on the RELOAD command, this message indicates the number of records (rrr) that can be reloaded into a logical data block with the free space request percentage.

3896

THE FILES DATA SET RECORD LENGTH DOES NOT MATCH THE CURRENT RELEASE OF CA DISK.

Reason:

While reading the Files Data Set before the update, it was discovered that the record length of the DSNINDEX subfile is not the same as the current record length. It was decided to abend from further processing instead of potentially corrupting the Files Data Set.

Action:

Contact CA Support for assistance.

3897

DATA SET (ddd) IS CURRENTLY ALLOCATED TO ANOTHER TASK. DATA SET IS BYPASSED.

Reason:

Data set (ddd) is being bypassed as directed by the sysparm setting for ENQWAITD.

Note: For more information, see the description for sysparm ENQWAITDn in the *Systems Guide*.

3898

YOU ARE ATTEMPTING TO FORMAT A FILES DATA SET WITH PRE-8.1 PARAMETERS. IT WILL BE NECESSARY TO USE THE FDSAMPLE OF THE CURRENT RELEASE PARMLIB AS YOUR NEW FILEDEFN MEMBER. THEN RERUN THE RELOAD OR REORG

Reason:

When attempting a RELOAD or a REORG, CADisk determined that the FILEDEFN member was defined with a 90 byte DSNINDEX record length. To avoid a situation where records can be truncated or corrupted, CADisk abended.

Action:

Copy the FDSAMPLE member into the FILEDEFN and modify each subfile to the record capacity you require.

Note: For more information, see Capacity Considerations in the *Systems Guide*.

3899

DATA SET (ddd) EXCLUDED FROM PROCESSING. (rrr).

Reason:

When the DS1CPOIT bit in the VTOC is set to 1 (on), the user exit DSCLSCEX allows the action commands ARCHIVE, MOVE, EXPIRE, RELEASE, or DELETE to take place only if an installation determined number of days has passed since the data set was last referenced. The default value of 0 allows the data set to be moved regardless of the value in the last used date.

This message indicates that a checkpointed data set was excluded from processing because it did not meet the necessary criteria. One of the following reasons (rrr) will be given:

3899

UNABLE TO PERFORM DATE CONVERSION.

Reason:

The date used to compare against the last use date of the data set was unable to be properly calculated.

Action:

Check for other messages that may identify the error or contact CA Technical Support for assistance.

3899

DID NOT MEET DSCLSCEX CRITERIA FOR A CHECKPOINTED DATA SET.

Reason:

The data set's last use date was more recent than what was returned from the DSCLSCEX exit.

Messages 3900-3999

3904

DATE, TIME, TYPE, MSGTEXT

Reason:

This informational message displays a detailed print line for each version used in restore.

3913

NO PRECEDING FULL FOR INCR/DIFF BACKUP. BYPASSING DSN:(ddd)

Reason:

While processing (ddd), CADisk discovered that there was not a FULL backup in the Files Data Set. (ddd) is bypassed.

3917

DSNINDEX WRITE TO FMSUT1 FAILED.

Reason:

The FMSUT1 DD statement contains a work list of selected DSNINDEX records that CADisk uses during later stages of the command stream. An error occurred while attempting to update this list.

3919

VRECOVER: INSUFFICIENT TOVOLUMES SPECIFIED. REPLY CONTIN(U)E OR (C)ANCEL.

Reason:

This message is issued as a WTOR. There are insufficient volumes available in the TOVOL= list.

Action:

Reply 'U' to continue with recovery request preprocessing or 'C' to terminate VRECOVER.

3931

COMPWORK NOT A PHYSICAL SEQUENTIAL DATA SET

Reason:

The data set defined to the COMPWORK DD statement is in error for one of the following reasons:

1. The data set is not physical sequential
2. A data set of the same name as the COMPWORK dsname is being processed

Action:

Review the JCL and correct the COMPWORK DD statement as required.

3932

PREVIOUS GUARANTEED BACKUP COPY EXPDT UPDATED WITH VALUE FROM SMSGBRST SYSPARM

3932

DSN = dataset name / ARCHIVE DATE = YYYY.DDD / ARCHIVE TIME = NNNN

Reason:

During a Guaranteed Backup of an SMS-managed data set, sysparm SMSGBRST was used to update the expiration date of a previous Guaranteed Backup of the same data set. This is an informational message stating the expiration date was changed from 99.365 to today's date plus the value specified in SMSGBRST.

Action:

Note: For more information, see the description of sysparm SMSGBRST99 in the *Systems Guide*.

3983

SYSPARM SMSGBRST HAS INCORRECT VALUE OF ZERO SPECIFIED -- ONE DAY RETENTION USED

Reason:

During a Guaranteed Backup of an SMS-managed data set, sysparm SMSGBRST was specified with an incorrect value of '00' (zero). This value is not allowed and the value of one day was used to add to today's date to determine the new expiration date of the previous Guaranteed Backup of the same data set name. This processing is done because the new Guaranteed Backup has not yet completed successfully when the decision is made to expire the previous copy.

3936

ERROR REPLACING RECORD=*ddd* IN ARCHCMDS SUBFILE

Reason:

DISPOSE encountered an error while processing *ddd* in the deferred archive request queue. *ddd* was not available and have been enqueued by ISPF.

Action:

Verify through either of the following methods that *ddd* has been deleted from the archive request queue:

- See the section Listing of Deferred Archive Request (LISTREQ) in the *User Guide*.
- See the section Selection Menu (List) in the *User Guide*.

3937

MISSING EXPDT OR DEFAULTMC PARAMETER

Reason:

During an IXUPDATE CHANGE command execution, the optional parameter MGMTCL was specified with a value of <>, instructing CADisk to "blank out" the Management Class name. When this particular value is used, you must also supply either the EXPDT= or DEFAULTMC parameter.

Note: For more information, see the description of parameter MGMTCL= in the section CHANGE Data Set Index Command and Parameters in the *User Guide*.

3938

EXPDT PARAMETER IS MISSING

Reason:

During an IXUPDATE CHANGE command execution, the optional parameter STORCL was specified with a value of <>, instructing CADisk to blank out the Storage Class name. When this particular value is used, you must also supply the EXPDT= parameter.

Note: For more information, see the description of parameter STORCL= in the section CHANGE Data Set Index Command and Parameters in the *User Guide*.

3939

YOU ARE ATTEMPTING TO UNLOAD AN 8.0 OR PRIOR FILES DATA SET. IT WILL BE NECESSARY TO RELOAD THIS FILES DATA SET BEFORE IT CAN BE USED WITH THIS RELEASE OF CA DISK. DURING RELOAD YOU MUST MODIFY AND USE THE CURRENT FDSAMPLE AS YOUR NEW FILEDEFN MEMBER OF PARMLIB

Reason:

When attempting an UNLOAD of the Files Data Set, CADisk determined that the DSNINDEX record was defined with a 90 byte record length. Unloads are allowed with this record length, but must be immediately followed by a RELOAD to a Files Data Set with a 256 byte DSNINDEX record.

Action:

Copy the current release FDSAMPLE member into the FILEDEFN member and modify each subfile to the record capacity you require.

Note: For more information, see the section Capacity Considerations in the *Systems Guide*.

3940

YOU ARE ATTEMPTING TO RESTORE FROM AN 8.0 OR PRIOR FILES DATA SET AND BECAUSE OF THE SETTING OF SYSPARM SMSUPDAT, AN UPDATE TO THE FILES DATA SET WILL OCCUR WHICH CAN CORRUPT IT. EITHER SET SYSPARM SMSUPDAT TO A VALUE OF N OR YOU MUST DO AN UNLOAD / RELOAD WITH THE FDSAMPLE FROM THIS RELEASE AS YOUR NEW FILEDEFN

3940

YOU ARE ATTEMPTING TO RESTORE FROM AN 8.0 OR PRIOR FILES DATA SET. RESTORE PROCESSING IS ALLOWED BUT PRIOR TO USING THIS FILES DATA SET WITH ANY OTHER FUNCTION YOU MUST DO AN UNLOAD / RELOAD WITH THE FDSAMPLE FROM THIS RELEASE AS YOUR NEW FILEDEFN

Reason:

When attempting a Restore or Recover, CADisk determined that the input Files Data Set was formatted with a 90-byte DSNINDEX record length. The update done to the Restore Date field within the DSNINDEX record after Restore processing has completed can overlay data from the next record.

With sysparm SMSUPDAT set to N, the restore will be processed and the data set can be accessed. No other processing other than restore will be allowed with an unconverted Files Data Set.

If SMSUPDAT is set to any other value, updates can occur and a potential overlay of the Files Data Set exists. In this case, either change the setting of SMSUPDAT sysparm or do an UNLOAD and RELOAD of the Files Data Set. The RELOAD needs to be done using the current FDSAMPLE member copied into the FILEDEFN member updating the subfile record capacities to your specifications.

Note: For more information, see the section Capacity Considerations in the *Systems Guide*.

3945

ALTER FAILED FOR NON-VSAM DSN = ddd DUE TO SMS MANAGEMENT CLASS ERROR

3945

FOR MORE INFO SEE IDC3009I RC= rc RS= rs

Reason:

This informational message is issued while attempting to alter a non-VSAM data sets catalog entry. RESTORE or auto-restore failed when attempting to update the entry to mirror the information as it was prior to BACKUP or ARCHIVE. This situation can occur if the authorization checks within the SMS-management class no longer authorize the specific information that was previously authorized.

An example can be a data set archived with a FMT1 DSCB and catalog expiration date of 1999.365. If the target management class now has a RETENTION LIMIT of 0 specified (either allocation routed to a different management class or the management class was modified), the alter of the catalog to this value would fail as not being allowed by the management class.

Because normal JCL or dynamic allocation to a management class with a RETENTION LIMIT of 0 issues a good allocation and ignores the following:

- a specified LABEL=EXPDT
- a specified LABEL=RETPD
- an ISPF defined EXPIRATION DATE

CADisk does the same.

The RESTORE or auto-restore processing will receive a good condition code and the data set will be correct as specified by the management class.

3946

ISITMGD ERROR RC=(rc) RS=(rs)

Reason:

An error occurred when CADisk issued the ISITMGD macro to determine if the selected PDSE data set was a loadlib. The ISITMGD macro returned a return code of (rc) and a reason code of (rs). To determine the meaning of the return code and reason code, see the ISITMGD macro description in the IBM guide *Macro Instructions for Non-VSAM Data Sets*. This error occurs most commonly when the selected PDSE is not cataloged.

Action:

Read the subsequent CADisk messages that followed message 3946 for details (usually ADSDM008*0035) or contact CA Technical Support for assistance.

3947

DESERV GET_NAMES ERROR FOR (member name), RC=(rc), RS=(rs)

Reason:

The CADisk Volume Configurator encountered some I/O errors while processing a PDSE load library.

Action:

PDSE load libraries are not currently supported by CADisk Volume Configurator. Contact CA Technical Support for assistance.

3948

BINDER START FAILED RC=(rc), RS=(rs)

Reason:

The CADisk Volume Configurator encountered some I/O errors while processing a PDSE load library.

Action:

PDSE load libraries are not currently supported by CADisk Volume Configurator. Contact CA Technical Support for assistance.

3949

BINDER CREATEW FAILED RC=(rc), RS=(rs)

Reason:

The CADisk Volume Configurator encountered some I/O errors while processing a PDSE load library.

Action:

PDSE load libraries are not currently supported by the CADisk Volume Configurator. Contact CA Technical Support for assistance.

3950

BINDER INCLUDE FAILED RC=(rc), RS=(rs)

Reason:

The CADisk Volume Configurator encountered some I/O errors while processing a PDSE load library.

Action:

PDSE load libraries are not currently supported by the CADisk Volume Configurator. Contact CA Technical Support for assistance.

3951

BINDER RESETW RC=(rc), RS=(rs) FOR (member name)

Reason:

The CADisk Volume Configurator encountered some I/O errors while processing a PDSE load library.

Action:

PDSE load libraries are not currently supported by the CADisk Volume Configurator. Contact CA Technical Support for assistance.

3952

BINDER DELETEW FAILED RC=(rc), RS=(rs)

Reason:

The CADisk Volume Configurator encountered some I/O errors while processing a PDSE load library.

Action:

PDSE load libraries are not currently supported by the CADisk Volume Configurator. Contact CA Technical Support for assistance.

3953

BINDER ENDD FAILED RC=(rc), RS=(rs)

Reason:

The CADisk Volume Configurator encountered some I/O errors while processing a PDSE load library.

Action:

PDSE load libraries are not currently supported by the CADisk Volume Configurator. Contact CA Technical Support for assistance.

3954

BINDER ADDA RC=(rc), RS=(rs)

Reason:

The CADisk Volume Configurator encountered some I/O errors while processing a PDSE load library.

Action:

PDSE load libraries are not currently supported by the CADisk Volume Configurator. Contact CA Technical Support for assistance.

3955

BINDER INITIAL PUTD RC=(rc), RS=(rs)

Reason:

The CADisk Volume Configurator encountered some I/O errors while processing a PDSE load library.

Action:

PDSE load libraries are not currently supported by the CADisk Volume Configurator. Contact CA Technical Support for assistance.

3956

BINDER FINAL PUTD RC=(rc), RS=(rs) FOR (member name)

Reason:

The CADisk Volume Configurator encountered some I/O errors while processing a PDSE load library.

Action:

PDSE load libraries are not currently supported by the CADisk Volume Configurator. Contact CA Technical Support for assistance.

3957

BINDER SAVEW RC=(rc), RS=(rs) FOR (member name)

Reason:

The CADisk Volume Configurator encountered some I/O errors while processing a PDSE load library.

Action:

PDSE load libraries are not currently supported by the CADisk Volume Configurator. Contact CA Technical Support for assistance.

3983

COMMAND REJECTED — STORCLAS PARM NOT SUPPORTED IN DEFERRED MODE

Reason:

The STORCLAS= parameter was specified on either an explicit or deferred restore. In either case, the STORCLAS= parameter is not a valid option.

Action:

Use the RESTORE command without the DEFER parameter and resubmit the job.

3984

COMMAND REJECTED — MGMTCLAS PARM NOT SUPPORTED IN DEFERRED MODE

Reason:

The MGMTCLAS= parameter was specified on either an explicit or deferred restore. In either case, the MGMTCLAS= parameter is not a valid option.

Action:

Use the RESTORE command without the DEFER parameter and resubmit the job.

3985

COMMAND REJECTED — DATACLAS PARM NOT SUPPORTED IN DEFERRED MODE

Reason:

The DATACLAS= parameter was specified on either an explicit or deferred restore. In either case, the DATACLAS= parameter is not a valid option.

Action:

Use the RESTORE command without the DEFER parameter and resubmit the job.

3986

COMMAND REJECTED — STORCLAS NOT VALID IF SMSALLOC SYSPARM IS N

Reason:

The STORCLAS= parameter was specified during a RECOVER or RESTORE job in which sysparm SMSALLOC was set to N. For STORCLAS= to be a valid option, SMSALLOC must be specified as a Y.

Action:

Change the SMSALLOC sysparm to Y and resubmit the job.

3987

COMMAND REJECTED — MGMTCLAS NOT VALID IF SMSALLOC SYSPARM IS N

Reason:

The MGMTCLAS= parameter was specified during a RECOVER or RESTORE job in which sysparm SMSALLOC was set to N. For MGMTCLAS= to be a valid option, SMSALLOC must be specified as a Y.

Action:

Change the SMSALLOC sysparm to Y and resubmit the job.

3988

COMMAND REJECTED — DATACLAS NOT VALID IF SMSALLOC SYSPARM IS N

Reason:

The DATACLAS= parameter was specified during a RECOVER or RESTORE job in which sysparm SMSALLOC was set to N. For DATACLAS= to be a valid option, SMSALLOC must be specified as a Y.

Action:

Change the SMSALLOC sysparm to Y and resubmit the job.

3989

MIGRSORT SYSPARM IN ERROR — MIGRSORT=*xyz*, PLEASE CORRECT AND RESUBMIT

Reason:

The value specified for MIGRSORT is invalid. Valid values are:

for *x*

N or U.

for *y*

N or D.

for *z*

N or V.

Note: For more information, see the description of sysparm MIGRSORTndv in the *Systems Guide*.

3990

RECFM=F WITH UNEQUAL LRECL/BLKSIZE — VOLSER= vvv, DSNAME= ddd

Reason:

A physical block was encountered by the reblock module where the block size was not equal to the record size for a data set with RECFM=F.

Action:

To suppress this message, add ARCNOSTD with a value of Y to your BACKUP or ARCHIVE job.

Note: For more information, see the description of sysparm ARCNOSTDn in the *Systems Guide*.

3991

THE FROMDATE= VALUE SPECIFIED WAS INVALID

Reason:

This informational message indicates that an invalid date was specified as the value for FROMDATE.

Note: For a list of valid dates that can be specified for FROMDATE, see the section Date Formats in the *User Guide*.

3992

THE FROMTIME= VALUE SPECIFIED WAS INVALID

Reason:

This informational message indicates that an invalid time of day was specified as the value for FROMTIME.

Note: For more information about the parameter FROMTIME, see FROMTIME=time,TOTIME=time in the section SET Command Syntax in the *User Guide*.

3993

THE TODATE= VALUE SPECIFIED WAS INVALID

Reason:

This informational message indicates that an invalid date was specified as the value for TODATE.

Note: For more information about the parameter TODATE, see the section Date Formats in the *User Guide*.

3994

THE TOTIME= VALUE SPECIFIED WAS INVALID

Reason:

This informational message indicates that an invalid time of day was specified as the value for TOTIME.

Note: For more information about the parameter TOTIME, see FROMTIME=time,TOTIME=time in the section SET Command Syntax in the *User Guide*.

3995

WHEN FROMTIME= IS SPECIFIED FROMDATE= IS REQUIRED AND WAS NOT SPECIFIED

Reason:

The FROMTIME parameter is not valid unless FROMDATE is also specified. For details, and an example of how to code this parameter, see FROMDATE=date,TODATE=date in the User Guide.

Note: For more information about the parameter FROMDATE, see FROMDATE=date,TODATE=date in the section SET Command Syntax in the *User Guide*.

3996

WHEN TOTIME= IS SPECIFIED TODATE= IS REQUIRED AND WAS NOT SPECIFIED

Reason:

The TOTIME parameter is not valid unless TODATE is also specified. For details, and an example of how to code this parameter, see FROMDATE=date,TODATE=date in the User Guide.

Note: For more information about the parameter TODATE, see FROMDATE=date,TODATE=date in the section SET Command Syntax in the *User Guide*.

3998

DATA SET ON (vvvvvv) IS NOT CATALOGED, (ddd)

Reason:

ddd is not cataloged to, nor does it reside on, vvvvvv. In fact, it does not reside on any mounted volume on the current system.

3999

DATA SET ON (VVV) IS NOT CATALOG-2, (DDD)

Reason:

Indicates that ddd on volume vvvvvv is not cataloged but a cataloged data set by the same name exists on another volume on the current system.

Messages 4000-4099

4000

(nnn) ON VOLUME (vvv) HAS AN INVALID F1DSCB. ONE OF THE EXTENT DEFINITIONS IS ZERO.

Reason:

An invalid format-1 DSCB was encountered and CADisk is ignoring the data set.

Action:

Fix the data set and resubmit the job.

4001

INVALID CONTROL RECORD DSN= (ddd1), DSNINDEX DSN= (ddd2) ON VOL=SER= (vvvvvv) - BYPASSING DATA SET.

Reason:

During MERGE, CADisk discovered that DSNINDEX (ddd1) did not match the ARCHVOL control record (ddd2) on input Volume (vvvvvv). The data set has been bypassed.

Action:

Verify any data set name discrepancies through the LISTD Report and Tape Analysis. Then use the Archive Fix Utility to repair the damage.

Note: For more information, see the section Archive Fix Utility in the *Systems Guide*.

4002

DSN INDEX ERROR DSN= (ddd) ON VOL=SER= (vvvvvv) - BYPASSING DATA SET.

Reason:

An error was encountered while reading the DSNINDEX for (ddd) on Volume (vvvvvv).

Action:

Use the LISTD Report and Tape Analysis Utility to verify any discrepancies. Then use the Archive Fix Utility to repair the damage.

Note: For more information, see the section Archive Fix Utility in the *Systems Guide*.

4003

INPUT VOLUME ERROR DSN INDEX DSN= (ddd) ON VOL=SER= (vvvvvv) - BYPASSING DATA SET.

Reason:

MERGE encountered an error while attempting to read the next data block from an input tape. The problem is with DSNINDEX record (ddd) on Volume (vvvvvv). The data set is bypassed.

Action:

Verify any data set name discrepancies through the LISTD Report and Tape Analysis. Then use the Archive Fix Utility to repair the damage.

Note: For more information, see the section Archive Fix Utility in the *Systems Guide*.

4005

MERGE HAS BYPASSED MULTI-VOLUME ARCHVOL KEY: (kkkkkk), DSN=(ddd)

Reason:

MERGE has bypassed multivolume tape file with ARCHVOL Key: aaaaaa and DSN=dddddd. Message 4005 is issued as a warning with return code 4. You can over-ride this using the MULTVOL or INCLUDE parameters. Specify the ARCHVOL Key aaaaaa for INCLUDE=aaaaaa.

Action:

Add the above INCLUDE command parameter to your MERGE command specifying the ARCHVOL key mentioned in the message text.

4006

MORE THAN 20 VOLUMES - VOLUME LIST TRUNCATED FOR DSN=(ddd)

Reason:

VSAM data set (ddd) has more than 20 volumes (including candidate volumes) in its volume list. The list was truncated to 20 volumes and the Restore was allowed to continue with a return code of zero.

For VSAM multivolume data sets, 20 volumes is currently the maximum number of volumes CADisk RESTORE will handle.

4007

ddd ON vvvvvv BYPASSED, BECAUSE SYSPARM USEDSSIO IS NOT SET TO HFS OR *.

Reason:

CADisk selected an HFS data set during BACKUP or ARCHIVE processing. Neither one of these commands support the HFS data set structure.

Action:

Add HFS or * as a value for the USEDSSIO.

4008

ddd ON vvvvvv BYPASSED, THE FUNCTION DOES NOT SUPPORT HFS DATASET.

Reason:

CADisk selected an HFS data set during a MOVE or COPY operation. Neither one of these commands support HFS data sets.

Action:

Exclude your HFS data sets using the EXCLUDE statement, and rerun the job.

4009

HURBA= (aaaaa) GREATER THAN HARBA= (bbbbb), IDLE TRACKS SET TO ZERO FOR DSN=(ddd)

Reason:

VSAM data set (ddd) has a HURBA of (aaaaa) which is greater than HARBA (bbbbb). For this condition, the Idle Track Count on the MVD or SVD reports is set to zero and not reflected in the totals. A return code of 4 is set as a warning.

4010

COMPRESSED EXTENDED KSDS=(ddd) - NO REPORT

Reason:

The CIARPT attempted to process ddd. ddd is a compressed extended KSDS data set, failing to produce any report records. Only non-compressed extended KSDS data sets will be reported on.

Action:

Uncompress ddd and rerun the job.

4011

SB37 OCCURRED WITH DCAVGCMP APPLIED, RETRY FOR ddd WITH DCAVGCMP00 IS IN PROGRESS

Reason:

An out of space abend occurred during ARCHIVE or BACKUP processing using sysparm DCDATACPy. CADisk reduces the ARCHVOL allocation by the DCAVGCMP amount and retries the request based on uncompressed bytes.

This message is normally followed by message 0501. If CADisk fails on the retry, you will see additional messages indicating the data set was bypassed.

Note: For more information, see the description for sysparm DCAVGCMPnn in the *Systems Guide*.

4012

ARCHIVE VOLUME RECORD (vvvvvv) HAS CHANGED SINCE MERGE STARTED. VOLUME CANNOT BE PROCESSED

4012

DATA SETS ON ARCHIVE VOLUME (vvvvvv) HAVE BEEN BYPASSED

Reason:

Although vvvvvv was selected for MERGE processing, it was modified before it can be mounted as input. This can happen in one of several ways (that is, a TSO user altered the expiration date for vvvvvv).

Action:

To process vvvvvv, rerun MERGE with the following command:

```
MERGE PERCENT=0,INCLUDE=vvvvvv
```

4014

TAPEPULL SYSPRINT MISSING ARCKEY=(kkkkkk), NO VOL REC FOR DSN=(ddd)

Reason:

When building the TAPEPULL SYSPRINT list for XCOPY or MERGE, CADisk was unable to retrieve the volume list from kkkkkk with DSN ddd. A warning RC=04 is issued for the Job. The TAPEPULL DD is not affected.

4015

ALLOCATED TRACKS (aaaaaa) SET TO 65,535 (MAXIMUM LIMIT)

4015

IDLE TRACKS (bbbbbb) SET TO ZERO

4015

FOR DATA SET=(*ddd*)

Reason:

This informational message states that VSAM DASD Billing discovered that *ddd* has an allocated tracks value of *aaaaaa*, exceeding the maximum limit of 65,535. CADisk has reset this value within Billing to 65,535 tracks.

If *bbbbbb* exceeds 65,535, it is set to zero (this second line message only appears if applicable.) The *MAX USED* tracks in the Billing report is calculated using these reset fields.

4016

VOLUME=(vvvvvv) BYPASSED, VTOC OPEN FAILED

4016

UNIT=(uuuu) BYPASSED, VTOC OPEN FAILED

Reason:

The VTOC Open for volume (vvvvvv) or offline unit (uuuu) failed with RC=08 and the volume was bypassed.

Action:

Check the VTOC for volume (vvvvvv) or unit(uuuu). One possibility for an online volume is that the device may have to be varied off-line and back online.

4017

IN THE EVENT OF A SYSTEM FAILURE, THE FOLLOWING INFORMATION IS PROVIDED FOR DATA SET RECOVERY:

4017

DSN, ddd, ON VOL, vvvvvv

4017

WAS RENAMED TO rrr

Reason:

CADisk was moving a data set that had been renamed using IDCAMS ALTER NEWNAME when the job abnormally terminated. This is an informative message to be used for data set recovery if the AMS recovery fails or is not processed.

4018

COMMAND REJECTED -- SET MODE=SIM IS REQUIRED FOR REPORT

Reason:

While syntax checking the FMS RECOVER command, CADisk failed to find a required parameter.

Action:

Add SET MODE=SIM to the FMS command stream and resubmit the job.

4019

NO TAPE VOLUME FOUND FOR TAPE PULL LIST REPORT

Reason:

This informational message indicates that the FMS RECOVER command failed to find any tape archive data sets. This resulted in the Tape Pull List report not being printed.

4020

NO DISK ARCHIVE DATA SET FOUND FOR DISK VOLUME/ARCHIVE KEY/ARCHIVE DATA SET NAME REPORT

Reason:

This informational message indicates that the FMS RECOVER command failed to find any disk archive data sets. This resulted in the Disk Volume / Archive Key / Archive Data set Name report not being printed.

4023

NO DATA FOR PATH NAME, DATA SET BYPASSED: (ddd)

Reason:

The explicit FIND DSN= command was issued with a pathname as its value to select a data set when running DSCL reports. The data set (ddd) is bypassed.

- RC=04 is set for the SVDICT and MVDICT Reports.
- RC=0 is set for the CLDATA Report with limited information report on.
- RC=0 is set for the CIARPT, but no report is generated.

CCSET can be used to change the return code for this message.

Action:

Do not specify FIND DSN=pathname. Instead specify FIND DSN=cluster or FIND DSN=pattern.

4024

ENHANCED CARTRIDGE LENGTH CODE, xx, IS NOT RECOGNIZED.

Reason:

An Enhanced Cartridge Device was detected, but the tape length code, hex 'xx', did not match a known value. Processing will continue by using CARTFEET estimates for length.

Action:

Consult the vendor to determine if the code is valid and what length it indicates.

4025

INITIAL INSERT FOR ARCHVOL KEY=(kkk) FAILED, RECOVERY OK IF NO MSG 2888

Reason:

MERGE failed to insert ARCHVOL key (kkk) for a multivolume tape file. A recovery will be attempted. If no message 2888 occurs, then recovery was successful.

Action:

Report this problem to CA Technical Support. For more information on recovery, see message 2888.

4026

INVALID VALUE SPECIFIED FOR SYSPARM PRIALLOC

Reason:

The sysparm that controls primary allocation amounts for PDS Compress, RESTORE, RECOVER, COPY, and MOVE functions is specified with a value that is not valid. The valid entries are: Y, N, or 3.

Action:

Specify PRIALLOC with one of the valid entries and run the job again.

Note: For more information, see the description for sysparm PRIALLOCn in the *Systems Guide*.

4071

BYPASSED DSN (ddd) ON VOL=(vvv) - DATA SET INFORMATION NOT AVAILABLE

Reason:

When using SCAN REALVOLS and DSN=/, (ddd) on volume (vvv) was bypassed with a warning RC=04 because crucial data set information was not available. The data set will not appear on the MVD Report.

Action:

Report this error to CA Technical Support, along with a LISTCAT showing the data set attributes, so that this data set can be dealt with properly.

4072

(ddd) ON (vvvvvv) BYPASSED, THE FUNCTION DOES NOT SUPPORT PDSE PROGRAM LIBRARY

Reason:

The MOVE/COPY command attempted to process a PDSE program library (ddd) located on volume (vvvvvv). This informational message indicates that PDSE program libraries are not currently supported by MOVE/COPY. The data set is bypassed.

4074

INVALID COMBINATION DUE TO EXPDT OR F1EXPDT CRITERIA RESTRICTIONS

Reason:

There are restrictions within the criteria statement that are not being complied with. The operator portion of the current criteria statement can only be EQ or NE, and the operand cannot have multiple terms when specifying special expiration dates.

Action:

Note: For a list of special dates and the restriction details, see the section EXPDT —Expiration date (date format) and the section F1EXPDT —Format-1 DSCB expiration date (date format) in the *User Guide*.

4075

A COMPLETE MULTIVOLUME LIST CANNOT BE BUILT FOR ARCKEY = (kkk) BECAUSE THE CHAIN IS INVALID.

4075

USE REPARCH TO REPAIR THE ARCHVOL ENTRIES.

Reason:

CADisk encountered an error while trying to build a list of ARCHVOL records chained in the multivolume archive data set, ARCKEY = (kkk).

Action:

Verify that no special maintenance to archive volume records has caused the error. Use the archive volume record report to verify the status of the records. Use the REPARCH utility to delete the invalid entries and the REBUILD utility to rebuild the proper entries.

Note: For more information, see the section Repair Archvols (REPARCH) Utility in the *Systems Guide* and see the section Archive Index Rebuild Utility in the *User Guide*.

4076

DATASET ddd IS CATALOGED TO MORE THAN 59 VOLUMES - PROCESSING BYPASSED

Reason:

This informational message indicates that ddd is cataloged to more than 59 volumes. Further processing of the data set is bypassed.

Action:

If the data set is cataloged to candidate volumes, an ALTER with the option REMOVEVOLUMES to reduce the volume count to 59 or less, would correct the problem.

4078

SYSTEM PARAMETER ENQJES3T IS INVALID. VALID VALUES ARE DYN OR ENQ. CORRECT AND RERUN.

Reason:

CADisk determined the value specified for the sysparm ENQJES3T is invalid. Valid values are DYN and ENQ.

Action:

Correct the sysparm value and resubmit the job.

4079

KSDS EXTENDED ADDRESSABILITY= (dddddd) - NO REPORT IF IN MULT EXTENTS OR INDEX LEVELS

Reason:

While running the CIARPT, a KSDS extended addressability data set (dddddd) in multiple extents or index levels yields no output. This is followed by message 0550: "NO REPORT RECORDS WRITTEN TO THE REPORTS DD DATA SET." KSDS extended addressability data sets in multiple extents or index levels are not reported on.

Action:

Since KSDS extended addressability data sets in multiple extents are not reported on, you can avoid this message by excluding them and resubmitting the job.

4080

NO DCE CONTROL BLOCK - TOTAL CYLINDERS AND TRACKS FROM FORMAT4

Reason:

VBACKUP and VRESTORE normally compute total cylinders and tracks using the DCE (UCB DASD Class Extension) Control Block values. This message warns that the DCE Control Block was not addressable and that as default the Format4 values were used.

Action:

This is only a problem for devices that can have zero alternate tracks, such as solid-state devices or VM mini-disks. If you get Message 4080 and you are having problems with VBACKUP or VRESTORE, use the DIAGDSCL DD to get diagnostic messages. Contact CA Technical Support for assistance.

4081

THE SUSPENSE RECORD FROM THE RESTART DATASET CANNOT BE REPLACED - KEY WAS NOT FOUND IN THE DASDSPCB SUBFILE

4081

RECORD TYPE = xxxxxxxx DSN = ddd

Reason:

During a RESTART operation, CADisk failed to find ddd in the DASDSPCB subfile of the Files Data Set. This situation may occur if the restart data set has been overwritten or is out of sync with the Files Data Set.

Action:

Verify that the key in the SUSPENSE record of the restart data set exists in the DASDSPCB subfile. If it does not, then UNLOAD and RELOAD the subfile and resubmit the restart.

4082

SMS MGMT CLASS LEVEL 1 DAYS HAS NOT BEEN REACHED, (ddd) ON ARCHIVE VOLUME = (aaa) NOT PROCESSED

Reason:

During Merge processing, SMS-managed data set (ddd) on archive volume (aaa) was bypassed because Management Class Level 1 days has not yet been reached. A warning RC=04 is issued for the job.

4083

INVALID VALUE SPECIFIED FOR SYSPARM VSVERIFY; MUST HAVE A VALUE OF N, Y OR A

Reason:

Only values of N, Y or A are allowed for sysparm VSVERIFY.

Note: For more information, see the description for sysparm VSVERIFYn in the *Systems Guide*.

4085

SMS RULES PREVENTED (ddd) ON ARCHIVE VOLUME = (aaa)

FROM BEING PROCESSED

REVIEW SMS SETTINGS OR SMSPRINT

Reason:

During Merge processing, SMS-managed data set (ddd) on archive volume (aaa) was bypassed because an SMS field is missing or in error. SMS settings need to be reviewed. If there is SMSPRINT DD, there may be specific errors listed. A warning RC=04 is issued for the job.

4092

COMMAND REJECTED - PREVIOUS CARD INVALID

Reason:

The card preceeding this message was not recognized by the CADisk command processor. A previous card may be missing a comma to indicate continuation you want.

4093

AN OLDER VERSION OF THE MIGRECAT SUBFILE WAS FOUND. DATASETS WRITTEN TO MORE HTAN FIVE VOLUMES CANNOT BE RECATALOGUED

Reason:

The most recent version of the MIGRECAT subfile modified the record length to include 25 volumes. The older version can be used but those migrated data sets exceeding five volumes will not be written to the MIGREAT subfile and cannot be recataloged.

4094

ddd NOT STORED IN THE MIGRECAT SUBFILE BECAUSE VOLUME COUNT EXCEEDS FIVE

Reason:

An older version of the MIGRECAT subfile is being used. Data set ddd cannot be stored because its volume count exceeds five,

Action:

You can unload your Files Data Set and reload with the correct FILEDEFN.

4095

INVALID VALUE SPECIFIED FOR SYSPARM ARCCPYDV; MUST HAVE A VALUE OF N, Y, DYN1 TO DYN9, OR DY10 TO DY20

Reason:

Sysparm ARCCPYDV used for MERGCOPY was given an invalid value. Valid values are: N, Y, DYN1 to DYN9, DY10 to DY20.

4096

4096 DMS4096 ENQWAITD- DATA SET WAITING FOR ENQ, DSN= (dddddd)

DMS4096 ENQWAITD- REPLY 'N' TO BYPASS

Reason:

The ENQWAITD sysparm has been coded with the WTOR option. This message is issued when an enqueue cannot be immediately obtained for data set dddddd. The system continues to wait for the enqueue unless the operator responds with 'N' to bypass the wait and the data set; it will then continue with the remaining data sets. When no response is given, the system will wait and eventually process the data set when the enqueue is satisfied and remove the WTOR.

4097

MEMBER= PARAMETER IS NOT SUPPORTED FOR DSS BACKED UP DATASET. BYPASSING: (ddd)

Reason:

This message is issued when a RESTORE attempt with the MEMBER=... parameter is made on the data set (ddd) that has been backed up by CADisk DSS Data Mover. Since CADisk DSS Data Mover is not capable of doing member-level processing, the data set will not be restored.

Note: For more information about the CADisk DSS Data Mover, see the section DFSMSdSS Data Mover Interface in the chapter "Backup/Archive" in the *User Guide*.

4098

REPLACE PARAMETER IS NOT SUPPORTED FOR DSS BACKED UP DATASET. BYPASSING: (ddd)

Reason:

This message is issued when a RESTORE attempt with REPLACE parameter is made on the data set (ddd) that has been backed up by CADisk DSS Data Mover. Since CADisk DSS Data Mover is not capable of doing replace processing, the data set will not be restored.

Note: For more information about the CADisk DSS Data Mover, see the section DFSMSdSS Data Mover Interface in the chapter "Backup/Archive" in the *User Guide*.

4099

OPERATOR HAS BYPASSED DSN WAITING FOR ENQ: (dddddd)

Reason:

The data set (dddddd) has been bypassed due to operator response.

Note: For more information, see the description of sysparm ENQWAITD in the *Systems Guide* and the description of message 4096 in this guide.

Messages 4100-4199

4100

UNABLE TO ACQUIRE BUFFER FOR DIRECTORY SECONDARY INDEX

Reason:

A GETMAIN required to process the directory secondary index of a partitioned data set cannot be satisfied because not enough storage was available. The data set is bypassed and processing continues. Message 3268 will follow with the data set name of the bypassed PDS.

Action:

Specify a larger amount of storage in the REGION= parameter of the JCL or process the failing data set by itself.

4101

INVALID VALUE SPECIFIED FOR SYSPARM RETNOMIG; MUST HAVE A VALUE OF 99, 98 OR 00

Reason:

Only values of 99, 98 or 00 are allowed for sysparm RETNOMIG.

Note: For more information, see the description for sysparm RETNOMIG in the *Systems Guide*.

4102

CATALOG ERROR WHILE PROCESSING DSN=(ddd)

Reason:

A catalog problem was encountered while processing data set (ddd). Additional error description lines may follow as described below.

4102

DATASET IS A NON-SPHERED GDG/GDS

Reason:

The data set or GDS being processed is not part of the active sphere.

4102

GDG FOR GDS NOT AVAILABLE

Reason:

No sphere exists for the data set name being processed.

4102

BASE NAME FOR THE GDS IS NOT A GDG

Reason:

A catalog record matching the base name was found but it is not a generation data group.

4102

DATASET IS NOT A GDS

Reason:

The data set being processed is not a GDS.

Action:

Review the catalog status of the data set being processed as well as its base name and make the necessary changes.

4103

CURRENT BUFFER ADDRESS (aaaaaaaa) EXCEEDS MAXIMUM BUFFER ADDRESS (bbbbbbbb)

Reason:

While running the backup of a VSAM data set, the read buffer for the control interval access has been exceeded. The current buffer address (aaaaaaaa) has exceeded the maximum buffer address of (bbbbbbbb). The data set in Message 0394 was not backed up, return code is set to 04, and the system continues to process.

Action:

This message should not occur unless the cluster is invalid or damaged. If the problem occurs for valid data sets, contact CA Technical Support for assistance.

4105

(ddd) => IGWnnnnnn --..

Reason:

IGW (PDSE related) message associated with data set (ddd). This message appears if CADisk invokes IGWFAMS for PDSE load library backup and restore. See the IBM *MVS Messages Guide* for details regarding the IGW messages.

4106

ADR (insert IBM message text)

Reason:

ADR error or warning message issued by DFSMSdss. Error or warning condition detected if CADisk invoked DFDSS for PDSE load library, HFS, or hardware compressible PSE Backup/Restore.

Action:

See the IBM *MVS Messages Guide* for details regarding ADR messages.

4107

COMMAND REJECTED - RETPD2 AND EXPDT2 CANNOT BE SPECIFIED WITHOUT THE SET PRIMARY2 COMMAND'

Reason:

While validating the input stream, DSCL encountered one of the subparameters RETPD2 or EXPDT2 without the SET PRIMARY2 command. Processing is terminated with a command error. Modify the command and resubmit the job.

4108

COMMAND REJECTED - PRIMARY2 NOT SUPPORTED FOR BACKUPCC

Reason:

While validating the input stream, DSCL encountered a BACKUPCC action after the SET PRIMARY2 command. BACKUPCC action commands are not supported at this time for Dual Primary processing. Processing is terminated with a command error. Modify the command and resubmit the job.

4109

COMMAND REJECTED - PRIMARY2 NOT SUPPORTED FOR DBACKUP

Reason:

While validating the input stream, DSCL encountered a DBACKUP action after the SET PRIMARY2 command. DBACKUP action commands are not supported at this time for Dual Primary processing. Processing is terminated with a command error. Modify the command and resubmit the job.

4110

COMMAND REJECTED - PRIMARY2 NOT SUPPORTED FOR VBACKUP

Reason:

While validating the input stream, DSCL encountered a VBACKUP action after the SET PRIMARY2 command. VBACKUP action commands are not supported at this time for Dual Primary processing. Processing is terminated with a command error. Modify the command and resubmit the job.

4111

COMMAND REJECTED - PRIMARY2 PARAMETER MUST CONTAIN A VALUE OF 'YES', 'NO', OR 'ONLY'

Reason:

Only values of YES, NO or ONLY are allowed for parameter PRIMARY2. Processing is terminated with a command error. Modify the command and resubmit the job.

4112

(ddd) HAS THE FOLLOWING PRIMARY2 INFORMATION: ARCHVOL=(vvvvvv) EXPDT=(mm/dd/yyyy)

Reason:

Data set (ddd) was originally also archived/backed up to primary2 archvol copy (vvvvvv) with an expiration date of (mm/dd/yyyy). This is an informational message and no action is required.

4113

REBUILD AS A PRIMARY2 ARCHVOL WAS REQUESTED, BUT DATASET (ddd) HAS NO PRIMARY2 ARCHVOL INFORMATION

Reason:

Data set (ddd) was not originally archived/backed up to a PRIMARY2 ARCHVOL. The REBUILD process is terminated.

Action:

Run IXMAINT PURGE of the failing volume to clean the FILES data set of any records created during the failed REBUILD process.

4114

ARCHIVE VOLUME RECORD FOR KEY = (vvv) IS MARKED AS PRIMARY(n) – VOLUME CANNOT BE PROCESSED

Reason:

Archive volume (vvv) has the PRIMARY(n) flag on, where n is 1 or 2. This message occurs only in MERGE or XCOPY where the INCLUDE or RINCLUDE parameters have been used and the ARCHVOL has been retained due to PRIMARY1/PRIMARY2 processing. For XCOPY, PRIMARY2 is not supported, so (n) is always 2; XCOPY supports INCLUDE, but not RINCLUDE.

4115

COMMAND REJECTED - INVALID CHARACTER IN DATA SET NAME

Reason:

A left parenthesis has been entered in the DSNAME field but is not allowed for the specified command. Data set name version is not supported for the previous command.

4116

SYSPARM sss IS INCORRECT- DEFAULTED TO x

Reason:

Sysparm ARBACKUP is used determine which DSNINDEX records can be candidates for Auto-Restore. The value appended to the name must be Y, N, or 1. Since the value specified was invalid, the default value of Y was used.

4118

NO DSNINDEX ENTIRES MATCHED SELECT, DSN = (ddd)

Reason:

This message is issued if a DSNAME-SELECT statement is specified, where (ddd) is the DSNAME or pattern, but no matching DSNINDEX record exists.

Action:

List the Files Data Set for the correct spelling.

4119

MERDISVL MAXIMUM EXCEEDED=nnn

Reason:

The table size nnn used for Merge deletion of disabled volumes has been exceeded.

Action:

Specify a higher value of nnn in the MERDISVL sysparm; nnn=025 is the default and up to 999 volumes can be accommodated.

4120

DISABLED PRIMARY ARCKEY=aaaaaa NOT FOUND FOR COPY ARCKEY=bbbbbb

Reason:

While running Merge, the deletion of the disabled primary volume aaaaaa has failed after merging the copy volume bbbbbb. A RC=4 is generated. Volume aaaaaa was not found in the ARCHVOL subfile; it may have been deleted already.

Action:

If the volume aaaaaa= ??????, the primary was not found, then contact CA Technical Support for assistance.

4122

MULTI-VOL ARCHVOL RECORD HAS NO PRIMARY VOLUME RECORD POINTING TO IT. ARCHKEY = (vvv); ARCHVOL DELETED FROM ARCHIVES

Reason:

If a Backup, Archive, or Merge is canceled or abends, multivolume Archvol records may be left unchained. This message is issued during IXMAINT when these unchained multivolume records are deleted, where (vvv) is the ARCHKEY volume number. The records are marked as incomplete (ARCFLAG set to ARCFNCLO) and are more than two days old.

4123

VRRDS=(ddd) - NO REPORT, CI-LEVEL ACCESS NOT SUPPORTED

Reason:

At this time, Backup and Archive do not support the CI-level access to the VRRDS cluster named (ddd); therefore, a cluster internal analysis (CIA) report is not possible.

Action:

This message is informational only.

4124

DATA SET (ddd) IS NOT SUPPORTED, IT HAS A NON-STANDARD FORMAT

Reason:

The function does not support the data set because it has a non-standard format. A non-standard data set is one that cannot be processed with programs using Standard Access Method (SAM). These data sets are generally not portable and must use proprietary programs to handle them.

4125

SPECIFIED KEYLEN/BLKSIZE OF (bbb) IS GREATER THAN MAXIMUM OF 32760

Reason:

The data set has a block size of (bbb). This value is larger than the maximum of 32760 that is allowed by Standard Access Method (SAM).

4126

SPECIFIED BLKSIZE OF (BBB) MUST BE GREATER THAN OR EQUAL TO (ccc)

Reason:

Depending on the record format and logical record length, the data set block size (BBB) must reflect a minimum size of (ccc).

4127

SPECIFIED BLKSIZE OF (bbb) IS NOT A MULTIPLE OF LRECL (lll)

Reason:

For a fixed block format data set given a LRECL of (lll), the BLKSIZE of (bbb) is not a multiple as required.

4128

SPECIFIED BLKSIZE OF (bbb), THE REQUIRED VALUE IS (mmm)

Reason:

Depending on the record format and logical record length, the data set block size (bbb) does not reflect the correct size of (mmm)

4129

SPECIFIED LRECL OF (lll) MUST BE GREATER THAN OR EQUAL TO (mmm)

Reason:

The record format requires that the LRECL (lll) be at least (mmm). For RECFM[F], one byte is the minimum. For RECFM[V,D], four bytes is the minimum. In addition, one byte must be allowed for the ANSI or Machine carriage-control.

4130

SPECIFIED LRECL OF (lll), THE REQUIRED VALUE IS (mmm)

Reason:

The record format of the data set requires a minimum size of (MMM), and the value specified is (lll).

4131

SPECIFIED LRECL OF (lll) IS GREATER THAN MAXIMUM OF (MMM)

Reason:

Depending on the record format, the LRECL of (lll) has exceeded the maximum allowed. An LRECL of 32760 is the maximum for RECFM[F] and an LRECL of 32756 is the maximum for RECFM[V|D].

4139

DATA SET ddd IS BEING PROCESSED WITH SYSPARM HONORTTRY

Reason:

A value of Y has been specified for sysparm HONORTTR.

Action:

None. This message is informational.

Note: For more information, see the description of sysparm HONORTTR in the *Systems Guide*.

4140

VOLUME (copy) IS NOT A COPY OF (prime). DELETE OF VOLUME BYPASSED

Reason:

IXMAINT was deleting the chain of volumes for primary volume (prime) and its copy volumes and determined that volume (copy) was not a copy volume of volume (prime) due to either the date and time stamp not agreeing or the number of bytes on the copy and primary volumes being different. IXMAINT deleted up to, but not including, the chain for (copy).

4141

COMMAND REJECTED - PRIMARY2 NOT SUPPORTED FOR SCAN CATALOGS=,BACKUP

Reason:

Optional parameter BACKUP cannot be specified with command SCAN CATALOGS= when the PRIMARY2 option is in effect.

Action:

Remove the BACKUP parameter from the SCAN command and use SELECT CATALOGS= followed by a BACKUP or ARCHIVE command to process the selected catalog when the PRIMARY2 option is in effect.

4142

INVALID RESPONSE TO QUESTION

Reason:

Auto-restore was validating the response to message 2971, 2972 2973, or 3755, and did not find an allowed response.

Action:

CADisk will reissue the prompt and the input queue will be cleared.

4169

(sss) CLASS NAME (ccc) IS NOT DEFINED TO SMS - COMMAND REJECTED

Reason:

A data, management, or storage class (sss) of (ccc) was specified in a CHANGE command to IXUPDATE. The name was not defined to SMS. The command was not executed.

4170

DATA SET BYPASSED- CATALOG ENTRY TYPE=a IS NOT VALID FOR PROCESSING, DSN=ddd

Reason:

The catalog entry type (a) for the named data set (ddd) is not valid for processing and was not selected. Only the following types are valid:

A=Non-VSAM

C=Cluster

G=AIX

X=Alias

The following types are not allowed:

D=Data

I=Index

R=Path

Action:

Specify the correct name and rerun the job.

4171

FURTHER IDRC UTILIZATION STATISTICS AND SPACE CALCULATIONS DISABLED FOR VOLUME nnnnnn

Reason:

CADisk issued a hardware command to retrieve the IDRC statistics and the command returned an error.

Action:

CADisk recovers from the error and continues but further IDRC and space utilization calculations are disabled. This condition may be indicative of a bad cartridge or a hardware error. You should consult the appropriate hardware reports or logs from the unit for the volser nnnnnn.

4172

DEVICE TYPE=type FOR DSN=dsname IS INVALID. DATASET IGNORED

4172

MAP FOR VOLUME volser MAY BE INCORRECT

Reason:

An invalid or unrecognized device type of (TYPE=) was found in the catalog for data set (DSN=).

Action:

Volume characteristics are unable to be determined due to this error, so the data set affected cannot be processed and is ignored. Because it is ignored, the map for volume 'volser' will be wrong. An error return code is set in the step this error is discovered.

4173

EXPIRATION DATE EXCEEDED MAXIMUM (2155.365). MAXIMUM EXPIRATION DATE USED.

Reason:

The expiration date specified by the sysparm DYNEXPDT, DYNEXPD2, or RESEXPDT exceeds the current maximum of 2155.365.

Action:

Review the format for sysparms DYNEXPDT, DYNEXPD2, and RESEXPDT in the *Systems Guide*, take corrective action, and then resubmit the job. In particular, ensure that the sysparm was not specified with an invalid retention period (for example, R99365) instead of a valid expiration period (for example, E99365).

4174

CA DISK RESOURCE WAS NOT DEQUEUED DUE TO ABEND BY PRIOR JOB IN ASID=X'xxxx'

Reason:

An attempt to ENQ resource DMSAUT4 DMSCATIF in address space X'xxxx' failed because the resource was already enqueued by the active task. This error occurs only if an abend or other kind of error occurred during a previous recall request. The processing continues by using the active resource, which will be DEQed at the end of the recall request.

Action:

The error that occurred during the prior recall request should be researched and resolved. Contact CA Technical Support for assistance.

4175

ERROR- COPY TAPE TOO SHORT, MOUNT NEW OUTPUT ARCHIVEC

4175

FAILED- COPY TAPE TOO SHORT, RETRIED NEW TAPE 2 TIMES

Reason:

The Archive Tape Copy Utility (MERGCOPY) encountered an output tape that was too short to contain the Archvol files from the Primary Tape. (Only multivolume files can exceed one volume.) The first time this problem is encountered, MERGCOPY will issue error message 4175 and prompt for a new tape. If the problem is encountered twice more, MERGCOPY will issue the failed message 4175.

Action:

If the retry is successful, no action is necessary. If MERGCOPY fails after two retries, find an output tape that is long enough to contain the data on the input Primary tape, and rerun the job.

4176

Adjusted HURBA and HARBA not calculated for DSN=(ddd) RC=4

Reason:

CADisk was unable to convert RBA values using the 4-byte math routine, and therefore converted the values using the 8-byte math routine. CADisk uses the 8-byte math routine when the sum of RBA values for a data set exceeds 4294967295.

Action:

To double-check this sum, perform a LISTC against the data set that is generating the message, and then add up the RBA values for the entire data set. If this message is issued even though the sum of RBA values is between 0 and 4294967295, contact CA Technical Support for assistance.

None. This is an informational message.

4177

DATA SET INFORMATION => LRECL= nnnn BLKSZ= nnnnnn DSORG=xx RECFM=xxx TOTAL TRACKS= nnnnnnnn

Reason:

The specified data set spans multivolumes but has zero secondary allocation, thereby causing the restore process to fail.

Action:

Use the provided information to preallocate the data set, set the sysparm RESSECSZy to N, and then rerun the restore process.

If the system is running an allocation product (for example, CA Allocate) that handles data sets that span multivolumes but have zero secondary allocation, verify that the sysparm RESSECSZy is set to Y.

4178

ZERO SECONDARY ALLOCATION DETECTED FOR MULTI-VOLUME DATA SET, DSN = (ddd)

4178

DATA SET ALLOCATION TERMINATED; SEE MESSAGE GUIDE FOR FURTHER INFORMATION

Reason:

During the restore process, CADisk encountered a data set that spans multivolumes but has zero secondary allocation.

Action:

Use the information provided in message 4177 to preallocate the offending data set, set the sysparm RESSECSZy to N, and then rerun the restore process.

If the system is running an allocation product (for example, CA Allocate) that handles data sets that span multivolumes but have zero secondary allocation, verify that the sysparm RESSECSZy is set to Y.

4179

(ssssssss) SUBFILE ALREADY RELOADED. DUPLICATE SUBFILE FOUND

Reason:

After a subfile was reloaded to the Files Data Set and marked complete, additional records for the completed subfile (ssssssss) were found in the SEQFILES DD file or file concatenation. Subfile records must be grouped by subfile type, and all records for a particular subfile must be located in the same SEQFILES DD file prior to attempting a Reload.

Action:

Sort the multiple input Files Data Sets before attempting a Reload.

Note: For more information, see the section Merging Files Data Sets in the chapter "Files Data Set Management" in the *Systems Guide*.

4180

DATA SET (ddd) ON DD (xxx) DOES NOT HAVE THE CORRECT DSORG OF (ooo).

Reason:

CADisk requires the data set on the DD statement (xxx) to have a data set organization of (ooo). The current data set (ddd) does not have the required DSORG.

Action:

Correct the data set and rerun the job.

4181

DATA SET (ddd) ON DD (xxx) DOES NOT HAVE ANY SPACE ALLOCATED TO IT.

Reason:

CADisk requires the data set on DD statement (xxx) to have at least one track allocated. The current data set (ddd) is allocated with zero tracks.

Action:

Correct the data set and rerun the job.

4182

UPDATE TO (ddd) IS DENIED BECAUSE VOLUME (vvv) ON DEVICE (ttt) IS CONFIGURED AS READ-ONLY.

Reason:

CADisk requires update access to the volume (vvv) on device (ttt) but it is mounted read-only to the system; therefore, data set (ddd) cannot be updated.

Action:

Rerun the job on a system that can update the volume or specify a data set on another volume.

4183

COMMAND REJECTED – OFFLINE PARAMETER REQUIRES A VALUE OF 'INCLUDE' OR 'EXCLUDE'

Reason:

The SET command line included the OFFLINE parameter, but the value specified was not to INCLUDE offline units for selection or to EXCLUDE offline units from selection.

Action:

Correct the OFFLINE parameter value so that it is either INCLUDE or EXCLUDE.

4184

INVALID VALUE SPECIFIED FOR SYSPARM DSSOPTNO

Reason:

The valid values for DSSOTNO are 1 to 4.

Action:

Note: For more information, see the description of sysparm DSSOPTNO in the *Systems Guide*.

4185

DSINDEX DATA SET IS MULTI-VOLUME, PROCESSING IS TERMINATED

Reason:

During Merge processing, the DSNINDEX work file was found to be a multivolume data set. Since NOTE and POINT macros are used to process the work file, it must be a single volume physical sequential (PS) data set or a multivolume, multistripe physical sequential extended (PSE) data set. A user 200 abend will terminate processing after the message is issued.

Action:

Update the &DA, &DAP, or &DAS values in the Merge proc to create a single volume DSNINDEX work file.

4186

ONLY SEQUENTIAL NON-EXTENDED DATA SETS ARE SUPPORTED FOR ARCHIVE DATA SETS

Reason:

While running Archive or Backup, a physical sequential extended (PSE) data set was allocated as an archive data set. CADisk does not support the use of PSE data sets as archive data sets. The job is terminated with an abend 0200.

Action:

Change your allocation routine to allow allocation of a physical sequential non-extended (PS) archive data set; then rerun the Archive or Backup job.

4188

INVALID DATE TYPE x SPECIFIED IN SYSPARM DSCBaaaannnx

Reason:

Either SYSPARM DSCBLUSD or SYSPARM DSCBLMOD has been specified with an incorrect date type code.

Action:

The process is canceled. Take corrective action and resubmit the job if needed.

Note: For more information, see the description of sysparms DSCBLMOD or DSCBLUSD in the *Systems Guide*.

4192

UNABLE TO LOAD ARDDSSU; DATA SET (ddd) BYPASSED

Reason:

CADisk is unable to load ADRDSSU into virtual storage to process data set ddd.

Action:

Increase the region size.

4193

REPLY "END" TO TERMINATE (jjj) PROCESSING

Reason:

When sysparm DSCLRPLY is set to "Y", this message is displayed on the operator's console for the duration of any DSCL job. This message allows you to terminate any DSCL job (jjj) before completion. The use of parameter DSCLRPLYY generates a problem for the automation task, because no message ID preceded it. This can be misinterpreted by the automate and the automatic answer can cancel an important job execution.

Action:

Reply to this message to terminate the job after processing the current resource and produce a complete set of reports including grand totals.

4194

DATA SET (ddd) ON VOLUME (vvv) IS NOT COMPRESSIBLE - EXTENDED PDS

Reason:

The data set (ddd) on volume (vvv), which was named in an explicit COMPRES command, cannot be compressed. The data set contains no dead-space, because it is an extended PDS.

Action:

The data set is bypassed, because currently there is no defined process for PDS/E.

4195

WARING PERFORMANCE OF DD (xxx) IS DIMINISHED BECAUSE DATA SET (ddd) IS NOT ALLOCATED IN CYLINDERS.

Reason:

CADisk is performing I/O against the data set (ddd) on DD statement (xxx). The data set's extents are allocated in tracks, which are not on cylinder boundaries on a non-ECKD supported DASD device causing an I/O performance problem.

Action:

Allocate the data set in cylinders or move it to a device that supports ECKD channel protocol like ESCON or FICON.

4196

RESTORE NOT DONE FOR DSNAME = (dsname) DUE TO OPERATOR CANCEL

Reason:

The system operator, or an automated operator task, issued an MVS STOP command to the Restore or Recover job, causing it to fail the request in progress and not process any requests that may follow.

Action:

None. This is an informational message.

4197

RESTORE CANCELED BY OPERATOR'

Reason:

The system operator, or an automated operator task, issued an MVS STOP command to the Restore or Recover job, causing it to fail the request in progress and not process any requests that may follow.

Action:

None. This is an informational message.

4198

RESTORE FOR PREALLOCATED DATA SET dsname FAILED BUT DATASET WAS KEPT. USING THE INCOMPLETE DATA SET WILL PRODUCE UNPREDICTABLE RESULTS

Reason:

The Restore or Recover for data set dsname failed. Data set dsname was predefined and either a partitioned data set (PDS) or a partitioned data set extended (PDSE) and the ERASE parameter was not specified or dsname was a predefined generation data set (GDG). Deleting either type of data set would risk possible data loss or using the wrong data set so the data set dsname was not deleted.

Action:

Correct the error that caused the Restore or Recover to fail, as described in an earlier message, and resubmit the job.

4199

LAST USE DATE OFFSET IS 000 FOR DSN=a.b.c A DEFAULT LAST USE DATE OF 2155/366 WAS USED

Reason:

Sysparm DSCBLUSD was specified with a Last Use Date displacement of zero indicating that this date is not present in the Format1 DSCB.

Action:

A default Last Use Date of 2155/366 was used. If DSCBLUSD was specified with '000' incorrectly, correct the specified value, and resubmit the job.

Note: For more information, see the description of sysparm DSCBLUSD in the *Systems Guide*.

Messages 4200-4299

4201

(ddd) IS CATALOGED TO MORE THAN MAXIMUM NUMBER OF VOLUMES ALLOWED PER ARCHVOL

Reason:

(ddd) is cataloged to more than the maximum allowed by IBM.

Action:

The BUILDARC command is bypassed. Verify that (ddd) is a CADisk archive. Correct as necessary and execute the BUILDARC command again, if needed.

4200

ADSUTT213 FAILED TO RETRIEVE FMT1 DSCB FOR DSN=a.b.c ADSUT213 RC= nn - A DEFAULT LAST USE DATE OF 2155/366 WAS USED

Reason:

A failure to retrieve the Format1 DSCB occurred. RC= reflects the return code from the OBTAIN macro (SVC 27).

Action:

A default Last Use Date of 2155/366 was used. Review the possible causes of the OBTAIN return code, in the IBM *DFSMSdfp Advanced Services* guide, then correct and resubmit the job if needed.

4202

FAST COPY FLAG FOR ARCKEY = (arckey) WAS CHANGED FROM oldf TO newf

Reason:

At the request of the user, IXUPDATE changed the Fast Archive Flag from oldf to newf, where oldf and newf can be either YES or NO.

Action:

None. This is an informational message.

4203

FAST PARAMETER WAS SPECIFIED AS parm. IT MUST BE EITHER 'YES' OR 'NO'

Reason:

The value of the FAST parameter, specified by the user as parm, was not recognized and the command was rejected. The value of the FAST parameter must be either YES or NO.

Action:

Correct the command that is in error.

4204

dsname ARCHIVED AT arctime ON arcdate FAST FLAG CHANGE FROM oldf TO newf

Reason:

At the request of the user, IXUPDATE changed the Fast Archive Flag from oldf to newf, where oldf and newf can be either YES or NO. This was done as a result of the FAST Flag for a Data Set Index Record being set to newf.

Action:

None. This is an informational message.

4205

ARCHVOLS RECORD CONTAINS POINTER TO COPY RECORD THAT DOES NOT EXIST
ARCHVOLS RECORD WITH INVALID POINTER = arcsrc

RECORD MISSING = arckey

Reason:

During chain COPY volume processing, a volume pointer (arckey) in the chain was not found in the ARCHVOLS Subfile. The record containing the invalid pointer was (arcsrc). This may be an indication of a problem or it may have been caused by incorrectly specifying a volume to be scratched by the RESET command.

Action:

Check a LISTV report of the (arcsrc) volume and repair the chain as needed.

4206

BUILDARC SUCCESSFULLY CREATED AN ARCHVOL WITH KEY arckey FOR DATA SET arcdsn ON VOLUME arcvol

Reason:

A BUILDARC successfully created an Archvol entry for the archive data set arcdsn that exists on volume arcvol. The Archvol key is arckey.

Action:

None. This is an informational message.

4207

UNABLE TO OBTAIN ENQ FOR ARCHKEY (arckey) - func OF ARCHVOL NOT DONE.

Reason:

An ENQ of Archvol arckey was attempted; however, the volume was in use by another job. The function func was not performed on the volume. The function can be DELETE, MERGE or IXMAINT.

Action:

Confirm that Archvol arckey is the volume to be removed. If so, retry the command when the volume is not in use.

4208

CREATION OF ARCHVOL RECORD ONLY WAS REQUESTED

Reason:

The user of the REBUILD utility specified the ARCONLY parameter on the REBUILD command, requesting that an ARCHVOL entry be built for the archive data set being processed, but specifying that no DSNINDEX record be built.

Action:

None. This is an informational message.

4209

CREATION OF ARCHVOL RECORD WITH THE FAST ARCHIVE FLAG SET WAS REQUESTED

Reason:

The user of the REBUILD utility specified the FAST parameter on the REBUILD command, requesting that an ARCHVOL entry be built with the Fast Archive flag set, which signifies that a Fast Archive entry exists for the volume.

Action:

None. This is an informational message.

4210

THE 'ARCKEY' PARAMETER REQUIRES THE 'ARCONLY' PARAMETER

Reason:

The user of the REBUILD utility specified the ARCKEY parameter on the REBUILD command. This parameter is used when rebuilding a DISK archive entry to identify the ARCKEY of the original ARCHVOL entry to update the archive volume of the DSNINDEX entries for the original volume.

Action:

None. This is an informational message.

4211

PURGE COMMAND ISSUED AGAINST VOLUMES THAT CONTAIN FAST ARCHIVED DATA SETS AND THE "FORCE" PARAMETER WAS NOT SPECIFIED.

Followed by one of the following:COMMAND REJECTED or COMMAND ALLOWED IN SIMULATE MODE.

Reason:

The PURGE command specified one or more volumes or patterns that referred to a volume that had the Fast Migrate flag turned on. These entries are not on the actual volume; they refer to an identical copy of the data set on the archive volume. As a result, be aware that the Fast Migrate entries can be unintentionally deleted.

Action:

Determine whether the volumes should be purged with the Fast Archive entries. If so, specify the FORCE parameter on the PURGE command. If you are unsure which volumes can have the flag turned on, rerun the job-step and specify SIMULATE on the commands. The 2364 and 2367 messages indicate which entries are Fast Archive data sets.

4213

UNABLE TO COMPLETE FAST ARCHIVE DUE TO CHANGE IN fff RECORD.DATA SET = (ddd) BYPASSED.

Reason:

The subfile (fff) record changed or was deleted before the Fast Archive function for data set (ddd) was complete. The data set is bypassed.

Action:

Rerun the job to reprocess the data set as a standard archive or backup.

4214

INVALID FAST PARAMETER SPECIFIED

Reason:

An invalid value was specified for FAST. Acceptable values are NO and YES.

Action:

Correct the parameter and resubmit the job.

4215

FAST ARCHIVE AND PRIMARY2 ARE MUTUALLY EXCLUSIVE

Reason:

Fast Archive and Primary2 processing have been specified, either on the command or by a system parameter. Only one of these values can be used.

Action:

Take corrective action and resubmit the job.

4216

FASTARCH SYSPARM CAN NOT BE OVERRIDDEN BY FAST PARAMETER

Reason:

FAST = has been specified on the command, but its value differs from the FASTARCH system parameter. The CADisk administrator instructed CADisk not to allow the FASTARCH to be overridden. The job is terminated.

Action:

Change the command or have the CADisk administrator change the value of the CADisk system parameter FASTARCH.

4217

USING VVDS=dsname FOR VOLUME vvv

Reason:

The VVDS Open for offline volume (vvvv) found a VVDS named (dsname). The MVS dictated format of the VVDS name is SYS1.VVDS.Vvvvv.

Action:

Confirm that the proper VVDS is being used. This message can appear if the volume has been renamed and the VVDS name reflects the original volume name. No action is necessary if that is the case. If there are multiple VVDS data sets on the volume, it will be necessary to determine which is correct and possibly take further action, such as deleting one or merging the information.

4219

VOL/TOVOL AND OUTDY ARE MUTUALLY EXCLUSIVE

Reason:

The CADisk command analysis routine detected a conflict within RESTORE or RECOVER command parameters.

Action:

You can use only one of the following parameters: VOL=, TOVOL=, or OUTDY=. Correct the command parameter and resubmit the job.

4220

STORAGE ADMINISTRATOR MODE IS ON

4220

STORAGE ADMINISTRATOR MODE IS OFF

Reason:

A function has determined Storage Administration authorization of the current job.

Action:

None. This is an informational message.

4221

INCORRECT RESPONSE (nnn)

Reason:

This message is issued if the RESPONSE is not END or NOW. The incorrect response is indicated by (nnn).

Action:

Correct the reply and processing will continue.

4222

PDS IS EMPTY, MEMBER-LIST SPECIFIED COULD NOT BE SELECTED

Reason:

In order for CADisk Backup or Restore to select from a list of members, the PDS itself must contain one (or more) members; that is, it must not be empty.

Action:

Select another PDS or remove the member-list request. If the latter is done, an empty PDS is processed.

4223

MEMBER (mmm) OF PARMLIB EITHER DOES NOT EXIST OR IS EMPTY

4223

PROCESSING TERMINATED

Reason:

Because the Storage Administration FACILITY class feature is in use, CADisk searched for the member (mmm) in the specified PARMLIB data set, and found that the member was missing or empty. Both conditions are invalid for CADisk, because the Storage Administration FACILITY class feature requires that you define entries in this member. CADisk terminates with a User 200 abend.

Action:

Correct the situation before rerunning the job.

4224

MEMORY NOT AVAILABLE TO LOAD MEMBER (mmm) OF PARMLIB INTO VIRTUAL STORAGE

4224

INCREASE REGION SIZE AND RERUN

Reason:

CADisk did not have sufficient storage space to load the table (mmm) into memory.

Action:

Increase the region size and rerun the job.

4225

INVALID RESOURCE VERIFICATION FOUND IN COLUMN 2 OF MEMBER (mmm)PARMLIB

4225

ONLY C IS ALLOWED

4225

ENTRY = (eee)

4225

PROCESSING TERMINATED

Reason:

In building the member (mmm) in memory, an invalid member entry was encountered. Column 2 identifies the problem. Something other than C was specified in column 2. The member entry is (eee). CADisk terminates with a User 200 abend.

Action:

Correct the member entry and rerun the job.

4226

INVALID RESOURCE ID FOUND IN MEMBER (mmm) OF PARMLIB

4226

FIRST CHARACTER IN COL 3 IS BLANK. ENTRY MUST BE LEFT JUSTIFIED IN ITS FIELD

4226

ENTRY = (eee)

4226

PROCESSING TERMINATED

Reason:

In building the member (mmm) in memory, an invalid member entry was encountered. A blank was found in column 3. All member (mmm) entries must be left justified within their assigned fields. The member entry is (eee). CADisk terminates with a User 200 abend.

Action:

Correct the member entry and rerun the job.

4227

INVALID RESOURCE NAME FOUND IN MEMBER (mmm) OF PARMLIB

4227

FIRST CHARACTER IN COL 20 IS BLANK. ENTRY MUST BE LEFT JUSTIFIED IN ITS FIELD

4227

ENTRY = (eee)

4227

PROCESSING TERMINATED

Reason:

In building the member (mmm) in memory, an invalid member entry was encountered. A blank was found in column 20, All SECURDSN member entries must be left justified within their assigned fields. The member entry is (eee). CADisk terminates with a User 200 abend.

Action:

Correct and rerun the job.

4228

COULD NOT ALLOCATE AUTHORIZED (sss) LIST DUE TO PREVIOUS ERROR

4228

PROCESSING TERMINATED

Reason:

CADisk Storage Administration FACILITY class security processing can neither allocate nor read the list of Storage Administration FACILITY classes. CADisk will process the job as if Storage Administration FACILITY class processing had not been requested. CADisk terminates with a User 200 abend.

Action:

Correct the problem and rerun the task.

4229

INVALID INSTALLATION STGADMIN MODE SPECIFIED

4229

PROCESSING TERMINATED

Reason:

CADisk Storage Administration FACILITY class security processing was unable to recognize the option specified by the STGADMIN parameter in the PARMAUTH member. In addition, the option was unable to guarantee its own integrity. CADisk terminates with a User 200 abend.

Action:

Correct the problem and rerun the task.

4230

STGADMIN=YES REQUIRES THAT SECURITY=YES ALSO BE SPECIFIED

4230

PROCESSING TERMINATED

Reason:

Specifying STGADMIN=YES on the PARMAUTH macro requested CADisk Storage Administration FACILITY class security processing. Specifying STGADMIN=YES requires that PARMLIB security be turned on by specifying SECURITY=YES; however, SECURITY=YES was not specified. Specifying SECURITY=YES prevents unauthorized access to Storage Administration mode. CADisk terminates with a User 200 abend.

Action:

Correct the problem and rerun the task.

4231

IGWFAMS WARNING MESSAGE(S) ISSUED

Reason:

CADisk has received IGWnnnnnW warning messages from FAMS while backing up a PDSE load library. The data set will not be backed up.

Action:

Check MSGPRINT to see if the data set was successfully backed up, check all 4105 messages to find the IGWNnnnnnW messages, and see the IBM *System Messages Guide* for response.

4232

IGWFAMS ERROR MESSAGE(S) ISSUED

Reason:

CADisk has received IGWnnnnnE error messages from FAMS while backing up a PDSE load library. The data set was not backed up.

Action:

Check all 4105 messages to find the IGWnnnnnE messages and see the IBM *System Messages Guide* for response.

4233

IGWFAMS ABEND MESSAGE ISSUED

Reason:

CADisk has received IGWnnnnnT abend messages from FAMS while backing up a PDSE library. The data set was not backed up.

Action:

Check all 4105 messages to find the IGWnnnnnT messages and refer to the IBM *System Messages Guide* for response. Also check job log to see if a dump is available for analysis.

4234

VOLUME (vvv) RELEASED DUE TO A RESTORE WAITING AND SYSPARM MERRELTM BEING SET TO A NON-ZERO VALUE

Reason:

This message is issued during MERGE when the (vvv) volume is closed early to allow a waiting RESTORE job to use it in accords with the setting for sysparm MERRELTM.

Action:

This is an informational message.

4235

DSN=(ddd) NOT SELECTED – DID NOT MEET (Reason:) CRITERIA, KEY=nnnnnn
DSN=(ddd) NOT SELECTED – MEET (Reason:) CRITERIA, KEY=nnnnnn

Reason:

CADisk generates this message for (ddd) archive data set and volser (nnnnnn) and gives a reason why it is not selected.

Action:

None. This is an informational message.

4236

LICENSE MANAGEMENT PROGRAM (LMP) INDICATES THAT YOUR PRODUCT LICENSE HAS NOT BEEN FOUND OR HAS EXPIRED

4236

PLEASE CONACT TOTAL LICENSE CARE (TLC) TO SECURE YOUR LMP CODES

Reason:

CADisk requires a License Management Program (LMP) key. Your product license has either expired or cannot be found.

Action:

Note: For instructions on obtaining valid LMP code keys, see the section Required CA Environment in the *Installation Guide*.

4237

LICENSE MANAGEMENT PROGRAM (LMP) REQUIRES CAIRIM WHICH HAS NOT BEEN INSTALLED FROM THE CA COMMON SERVICES TAPE

4237

PLEASE CONTACT TOTAL LICENSE CARE (TLC) TO SECURE CAIRIM AND YOUR LMP CODES

Reason:

The CAIRIM Service of CA Common Services for z/OS for product license validation was unable to find CAIRIM on the system.

Action:

Note: For instructions on obtaining access to CAIRIM, see the section Required CA Environment in the *Installation Guide*.

4238

INVALID VALUE (x) SPECIFIED FOR SYSPARM SMSMCBYP – CORRECT SYSPARM SMSMCBYP AND RESUBMIT IF NEEDED

Reason:

An invalid option of (x) was specified for sysparm SMSMCBYP. Because of this invalid specification the job was terminated with an abend.

Action:

Correct the setting of sysparm SMSMCBYP and resubmit the job.

Note: For more information, see the description of sysparm SMSMCBYP in the *Systems Guide*.

4238

UNIT=(unit) NOT READY, RC= (*nn*) Or UNIT=(*unit*) NOT READY, RC=(*rc*), RS=(*rs*)

Reason:

Offline VBACKUP determined that the volume on device (*unit*) was not available for processing. In the first form of the message (*nn*) can be 1, 2 or 3.

1

Indicates that the device presented sense information with the Intervention Required status set

2

Indicates that the device indicated channel related errors (likely as the result of a SIM error)

3

Indicates an unexpected error condition.

The second form of the message provides the return code and reason code from the I/O path manager. The following are the most common return codes:

4

Indicates that no paths physically available.

8

Indicates that no paths logically available.

12

Indicates that I/O timed out.

28

Indicates that UCB not connected.

Action:

Verify that the device (unit) is usable from the system on which Offline VBACKUP is running. Try issuing a VARY ONLINE for device (unit) and then VARY the device offline again. Contact CA Technical Support for assistance if the device can be used by other jobs or if it starts to work after issuing the VARY ONLINE and OFFLINE.

4240

*** SYSDSN * EXECL ENQ UNSUCCESSFUL: VSAM OBJECT =(ddd) or * SYSDSN * DEQ UNSUCCESSFUL: VSAM OBJECT =(ddd) SVC99 RET HX CD = (return code) SVC99 ERR HX CD = (error code)**

Reason:

An attempt to dynamically allocate or de-allocate a VSAM data set base cluster (ddd) failed. The return code and error code returned by the SVC 99 are each displayed in hexadecimal format.

Action:

Refer to an IBM *Job Management Guide* for an explanation of codes. CADisk continues processing.

4241

UNBALE TO OBTAIN FORMAT 1 FOR DSN = (ddd), RC = xxx

Reason:

In doing a report, CADisk tried to retrieve the format-1 DSCB for the data set, but failed. This normally should not happen.

Action:

Check your JCL and make sure the data set is actually online. For assistance, contact CA Technical Support.

4242

OBTAIN ERR: -SEARCH OPT- RC=(return code)

4242

DSN = (ddd) ON VOLUME=(vvvvvv)

Reason:

An error may occur for one of the following reasons, with a corresponding message depending on the return code:

Return code 4

REASON: (1) VOLUME NOT MOUNTED OR (2) FMT1 STRUCTURE ON VOLUME CORRUPTED

Return code 8

REASON: FMT1 DSCB NOT FOUND IN VTOC OF SPECIFIED VOLUME

Return code 12

REASON: (1) PERM I/O ERROR ON VOLUME, OR (2) CVAF ERROR RC ENCOUNTERED

Return code 16

REASON: INVALID WORK AREA POINTER

During "SCAN REALVOLS" command process, an attempt to retrieve the format-1 DSCB for a multi volume data set (ddd) or volume (vvvvvv) failed.

Action:

Research accordingly and contact CA Technical Support for assistance.

4243

USER HAS SUPPRESSED DSCL ERROR MESSAGES

Reason:

The sysparm DSCLMSGS is specified with a value of N, CADisk suppress the broken data set messages, without affecting the job step return code.

Action:

Note: For more information, see the description for sysparm DSCLMSGSy in the *Systems Guide*.

4244

ASSOCIATION WORK AREA TOO SMALL

Reason:

When moving a VSAM association name to a work area, if the work area length is less than the association length, then the default work space is used.

Action:

Increase the failing JCL's REGION value.

4245

CATLG SERVICE RETURN CODE IS (rrr)-(fff) FOR (ddd)

4245

CATLG SERVICE RETURN CODE IS (rrr)-(fff) FOR COMPONENT TYPE (ttt) ASSOCIATED WITH (ddd)

Reason:

CADisk tried to retrieve information for the data set or control interval number (ddd) from catalog management. If the request was not fully completed because the catalog work area provided was not large enough, either because volume list or work area too small or caller work are too small, the result code (rrr) and the feedback code (fff) can be found from IBM message IDC3009I for a corresponding description. The result code refers to the return code and the feedback code corresponds to the reason code.

The data set component type (ttt) can be D (data), I (Index), C (cluster), G (aix), or R (path).

Action:

Research the messages in the appropriate IBM guides to take corrective Action.

4246

LENGTH OF CATALOG WORKAREA NEEDED IS (nnn) BYTES

Reason:

This message is related to the 4245 message. If the volume list or work area is too small, the work area length (nnn) must be at least equal to the required length.

Action:

Increase the failing JCL's REGION value.

4247

VOLUME INFORMATION NOT FOUND FOR CLUSTER=(ddd)

Reason:

CADisk cannot find volume information for the cluster (ddd).

Action:

Research the messages in the appropriate IBM guides to take corrective action.

4248

DATA SET = (ddd) BYPASSED, IDLE SPACE RELEASE IS NOT SUPPORTED FOR PDSE

Reason:

This informational message from the Idle Space Release function informs you that no idle space release was done for the specific PDSE file.

Action:

None. This is an informational message.

4249

DETAIL FIELD (ddd) NOT FOUND IN DATA DICTIONARY

4249

SORT FIELD (ddd) NOT FOUND IN DATA DICTIONARY

4249

SUBTOTAL SOURCE FIELD (ddd) NOT FOUND IN DATA DICTIONARY

4249

CONTROL BREAK FIELD (ddd) NOT FOUND IN DATA DICTIONARY

4249

GRAND TOTAL FIELD (ddd) NOT FOUND IN DATA DICTIONARY

Reason:

CADisk builds an ISPF online report. It does not find one of the above field's information (ddd) in the data dictionary .

Action:

Ensure that you have completed the following actions:

- Rename member FMT1FLDS to FMTOFLDS
- Rename member FMT1DICT to FMTODICT
- Rename member FMTSFLDS to FMT1FLDS
- Rename member FMTSDICT to FMT1DICT

Then resubmit the job.

Note: For more information about the actions, see the section "Formatting Used for Online Reporting" in the *Installation Guide.*

4250

SMS DATASETS PROCESSED WITH DMS RULES BECAUSE THE USER IS ALLOWED TO BYPASS MGMT CLASS FOR ARCHIVE/BACKUP

Reason:

Sysparm SMSMCBYP has been set with a value of B and the user is a storage administrator. CADisk treats the SMS control data set as a non SMS control data set.

Action:

None. This is an informational message.

4253

THE (sss) SUBFILE MUST BE UNIQUELY SPECIFIED

Reason:

The subfile entry named (sss) in the FILEDEFN member of the parameter-library was specified more than once; duplicates are not permitted.

Action:

Delete all subfile entries with duplicate names.

4254

REPLY 'END' OR 'NOW' TO TERMINATE MERGE PROCESSING

Reason:

You can optionally specify a system parameter MERREPLY that allows the computer operator to terminate merge prematurely (a graceful shutdown). Message 4254 is issued to the operator at the beginning of the merge process. This option permits you to start merge and run until the resources are needed for something else. Thus merge can be run in otherwise unused machine time

Action:

If the operator replies to the message to indicate that Merge processing is to be stopped, a response of 'END' will terminate the job at the end of the current input volume or a response of 'NOW' will terminate the job at the end of the current data set. Processing will complete normally, and all reports and statistics will be generated as normal.

4255

REPLY 'END' TO TERMINATE XCOPY PROCESSING

Reason:

You can optionally specify a system parameter MERREPLY that allows the computer operator to terminate XCOPY prematurely (a graceful shutdown). Message 4255 is issued to the operator at the beginning of the XCOPY process. This option permits you to start XCOPY and run until the resources are needed for something else

Action:

If the operator replies to the message to indicate that XCOPY processing is to be stopped, a response of 'END' will terminate the job at the end of the current input volume. Processing will complete normally, and all reports and statistics will be generated as normal.

4256

ADR (IBM message text)

Reason:

An ADR error or warning message issued by DFSMSdss was detected by CADisk when it invoked DFDSS for a BACKUPCC job.

Action:

See to the IBM *MVS Messages Guide* for details regarding ADR messages.

4257

SYSPARM VSSPUSED VALUE OF "c" IS INCORRECT. DEFAULT VALUE OF "R" IS BEING USED

4257

SYSPARM VSSPUSED VALUE OF "c" IS INCORRECT. DEFAULT VALUE OF "Y" IS BEING USED

Reason:

The sysparm VSSPUSED was specified with a value of c but c is not an allowed value for the function being executed. The values allowed for Move and Copy are Y and N, and the values allowed for Restore and Recover are R, Y and N.

Action:

Correct and resubmit the job if the default value used is not the one that was wanted.

4258

MINVOLS LARGER THAN MAXVOLS, COMMAND REJECTED

Reason:

The MINVOLS command parameter of the merge command specifies the minimum number of input tape volumes to be processed by merge. The MAXVOLS command parameter can not be larger.

Action:

Re-specify the parameters and rerun the job.

4259

MERGE MINIMUM VOLUME LEVEL NOT MET, MERGE IS TERMINATING

Reason:

The MINVOLS command parameter of the merge command specifies the minimum number of input volumes to be processed by merge. The specified or default value of this parameter has not been met. This is a warning message to indicate that nothing will be merged.

Action:

Additional merge executions are required to complete the merge process.

4260

FORMAT OF SYSPARM SYNCDEVS(XXX) IS INCORRECT. DEFAULT OF "N99" IS ASSUMED

Reason:

The sysparm SYNCDEVS was specified with a value of 'xxx' but the format of the parameter is incoreect. The format allowed is the letter Y or N followed by a two digit number that represents the maximum number of data sets that may be waiting disposition processing.

Action:

Correct the sysparm if the default value used is not the one that was wanted. It is not necessary to resubmit the job.

4261

(table) TABLE PROCESSING FAILED. UNABLE TO CONTINUE PROCESSING

Reason:

The sysparm SYNCDEVS was specified with a value of 'N'. During the processing of the data set disposition an internal error was encountered while attempting to access the (table) table that contains the information necessary to process the disposition. Processing cannot continue and an ABEND 100 occurs.

Action:

Contact CA Technical Support with the dump produced by the abend. Attempt to rerun the job.

4262

ERROR FROM IGGCSI00 MODID=nn, RS=ss, RC=cc

Reason:

CADisk has received a non-zero return code during catalog search.

Action:

Rerun the job by adding //DIAGDSCL DD SYSOUT=* to the JCL. Contact CA Technical Support for assistance.

4263

I/O ERROR READING ARCHIVE TAPE, RC=xxx

Reason:

While reading a data record from a CADisk Backup and Restore archive volume, an error was received. The return code from the reader will be displayed as xxx.

Action:

Use the archive copy volume to recover the data set from the archives.

4264

A USD REQUEST HAS BEEN CREATED: REQUEST NUMBER nnnn

Reason:

CADisk automatically triggers Unicenter Service Desk (USD) to open a request and displays the ticket number as nnnn. The request allows a client to track activities inside of the user's environment.

Action:

This is an informational message.

Note: For more information, see the CA Service Desk Interface for z/OS.

4265

ccc MEMBER NAMES IN MEMBER= PARAMETERS NOT FOUND IN ddd

Reason:

If some members in the MEMBER= parameter list canot be found in the source data set, the message is generated to show the number of members not found.

Action:

Review members in the MEMBER= parameter. Check the MSGPRINT output listing to verify which members are selected to be loaded.

4266

FILES-DD IS NOT AVAILABLE FOR (FFF)

Reason:

In order for CADisk function (FFF), an allocation-status of OLD is required but could not be obtained due to contention.

Action:

Specify the DISP=OLD parameter on the FILES-DD statement in the JCL and resubmit the job.

4267

(AAA) AND (BBB) KEYWORDS ARE MUTUALLY EXCLUSIVE

Reason:

The keywords (AAA) and (BBB) were both specified; however, the command only allows for one or the other.

Action:

Specify one or the other keyword(s), then resubmit the request.

4268

SYSPARM AUNITCNT IS SET HIGHER THAN MAXIMUM OF 59, RESETTING VALUE TO 59

Reason:

The maximum value that can be specified for unit-count in a UNIT parameter is 59.

Action:

This is an informational message.

4269

VALID DISP= PARAMETER REQUIRED WHEN OVERRIDING ALLOCATION OF (ddd) DD STATEMENT

Reason:

Message 4269 is issued with U100 ABEND if the output archive data set allocation is overridden with missing or improper DISP= parameter, where (ddd) is the DD name.

Action:

If overriding the allocation for the archive data set, ensure that DISP=(NEW,KEEP,KEEP) is used to prevent the TMS from scratching the archive.

4270

(dsname) ON (volume) BYPASSED BECAUSE SYSPARM USEDSSIO IS NOT SET TO LARGE. PLEASE ADD LARGE TO USEDSSIO

Reason:

CADisk selected a DSTYPE=LARGE data set during BACKUP or ARCHIVE processing. Neither one of these commands currently support the LARGE data set structure.

Action:

Update the USEDSSIO Sysparm to include LARGE support to backup the (dsname) data set.

4271

EXPECTED ARCHIVE RECORD TYPE OF R or 1, FOUND RECORD TYPE OF (ttt)

Reason:

This warning message indicates that CADisk found an archive record type of ttt. The expected record type of R (data) or 1(FMT1) was not found. This could be due to the data set being restored by the wrong I/O module and possibly due to the Fast Processing. The data set DSORG may not match the DSORG in DSNINDEX record.

Note: Various record types are:

1 = FMT1

C = Control

D = Directory

P = PDS

R = Data

S = Split

U = User Catalog

V = VSAM Catalog

Action:

Use LISTD to verify DSORG of all the DSNINDEX records and the FAST flag. Restore from a non-Fast copy. If record type is not one of the above, use the Archive Analysis utility to validate the Archvol and data set.

4272

FILES DATA SET LOGGING NOT ACTIVE; NO LOG DATA SET FOUND

Reason:

CADisk UNLOAD process did not find any log data set to delete.

Action:

This is informational message. Check the setting for sysparm FILOGNAM if you think Files Data Set logging is active. There could be a mismatch between the prefix specified for FILOGNAM and the actual log data set names.

4273

FILES DATA SET IS LOCKED FOR CONVERSION AND CANNOT BE ACCESSED

Reason:

Your CADisk administrator has started a conversion process and has restricted the use of the Files Data Set. Processing ends with a U200 abend.

Action:

Rerun the job after the CADisk administrator has completed the conversion.

4275

DATA SET = (ddd) BYPASSED

IDLE SPACE RELEASE IS NOT SUPPORTED FOR LARGE SEQUENTIAL DATA SETS

Reason:

This is an informational message printed during CADisk release idle space processing. The message indicates that data set (ddd) has been bypassed for processing because it is a large type sequential data set.

Action:

None. This is an informational message.

4277

(type) FLAG TURNED ON FOR ARCHVOL (kkkkkk)

Reason:

The requested flag (DYN1-DY20) was turned on for ARCHVOL (kkkkkk).

Action:

None. This is an informational message.

4278

ARCHVOL (kkkkkk) WAS NOT PREVIOUSLY SET TO USE A DYN1-DY20 UNIT. THE ARCHVOL RECORD WAS NOT CHANGED

Reason:

ARCHVOL (kkkkkk) did not have one of the DYNn/DYnn flags previously turned on. Therefore it did not get the requested DYNn/DYnn flag set. The listed ARCHVOL cannot be changed.

Action:

None. This is an informational message.

4279

THE VALUE OF THE "FORMAT" PARAMETER MUST BE EITHER "1" OR "2" – (format) WAS SPECIFIED

Reason:

A CADisk UNLOAD command contained the FORMAT parameter with an incorrect value. The value (format) was specified but only the values 1 and 2 are accepted.

Action:

Change the value of the FORMAT parameter to a correct value.

4280

DATA SET (ddd) RECORD FORMAT PROVIDED IS FIXED STANDARD (FS) AND THE DATA SET ORGANIZATION IS PARTITIONED

Reason:

The record format and the data set organization are incompatible. The record format provided is fixed standard (FS) and the data set organization is partitioned.

Action:

Change the record format or the data set organization and resubmit the request.

4281

SMS BYPASS FOR MGMTCLAS OR STORGRP RULES HAS BEEN IGNORED- NOT STOR ADMIN- SEE SYSPARMS SMSMCBYP AND SMSSGBYP.

Reason:

Message 4281 is issued when an archive or backup has neither SMSMCBYP nor SMSSGBYP set to 'N', and the user is also not the Storage Administrator.

Action:

When message 4281 is issued it is a warning that the SMS Bypass has been ignored and that archive expirations may be affected. Run as Storage Administrator to prevent this problem. Message 4281 is part of DMSMSGES and defaults to 4281C (continue); it can be modified to 4281T to terminate the job.

4282

INVALID UNIT TYPE (type) SPECIFIED. ONLY DYN1 TO DYN9 OR DY10 TO DY20 ARE ACCEPTED

VALUES. THE ARCHVOL RECORD WAS NOT CHANGED.

Reason:

A value other than DYN1 to DY20 was specified. The TYPE= parameter is only valid for DYNn/DYnn values. The ARCHVOL was not changed.

Action:

Correct the parameter value and re-run the job.

4283

VOLUME TABLE EXCEEDED MAXIMUM OF 59 CLUSTER (ddd) NOT DISPLAYED FOR VOLUME (vvv)

Reason:

During the SVD or MVD processes, CADisk encountered a data set (ddd) that spans more than 59 volumes. When this happens, the volume (vvv) is not shown on the report.

Action:

Review the data set to make sure the data set volume does not exceed the maximum.

4284

GBLTABLE SYSTEM PARAMETER AND SUBFILE ARE OBSOLETE. PLEASE REMOVE IT FROM YOUR SYSPARMS MEMBER IN PARMLIB

4284

DEFERDSP SUBFILE IS OBSOLETE. PLEASE REMOVE IT FROM YOUR FILEDEFN MEMBER IN PARMLIB

Reason:

The GBLTABLE and DEFERDSP subfiles are obsolete and no longer supported. They were used in earlier releases of CADisk but are no longer valid. The job is terminated.

action

Verify the job and remove the subfiles from use.

4286

REQUEST TO TERMINATE XCOPY BY REPLYING END TO MSG 4255 HAS BEEN DETECTED.

4286

THE XCOPY SYSIN STREAM INCLUDED EXPLICIT DATASET NAMES.

4286

THE FOLLOWING EXPLICIT NAMES HAVE *NOT *BEEN PROCESSED:

4286

DSN = (dddddd)

Reason:

Message 4286 is issued at the EOJ of XCOPY when the operator has responded END to the WTOR MSG 4255 and there were explicitly selected DSN's that were not processed.

Action:

When message 4286 is issued, it is a warning that the DSN's listed have not been processed. Depending on operational procedures, XCOPY needs to be re-started to reprocess these DSN's.

4287

UNIT TYPE OF CURRENT VOLUME DOES NOT MATCH UNIT TYPE OF ORIGINAL VOLUME. SPECIFY CORRECT UNIT TYPE

Reason:

The UNIT parameter specified on the REBUILD command for the current archive data set translated into a different DYNn/DYnn unit than the one specified when the volume was originally created.

Action:

Correct the UNIT parameter so that the correct DYNn/DYnn unit is selected.

Note: For more information about the UNIT= parameter, see the section REBUILD Command and Parameters in the *User Guide*.

4289

SYSTEM PARAMETER (ssssssss) CANNOT BE OVERRIDDEN FOR A NON-DATACOM FDS

Reason:

The SYSPARM (ssssssss) is can only be changed from its default value if you are running with a CA-Datacom FILES database.

Action:

Rerun using a CA-Datacom FILES data base if you require SYSPARM (ssssssss) to be specified.

4290

FILE (dsn) BEING REBUILT HAS MORE THAN 65535 DATA SETS

Reason:

The Archive data set (dsname) being Rebuilt into a non-CA-Datacom FILES data set was created using the ALLOW64K sysparm set to 'Y' and a CA-Datacom FILES Database, and over 65535 data sets were written to it. A non-CA-Datacom FILES data set can only support up to 65535 data sets on an Archive data set.

Action:

It will be necessary to Rebuild the Archive data set into a CA-Datacom FILES Database to be able to access any data set beyond the 65535th.

4291

REPRO FAILED FOR (ddd) SYSTEM ABEND CODE=(ssss) USER ABEND CODE=(uuuu)

4291

CA DISK WILL CONTINUE TO PROCESS DATASETS

Reason:

During the MOVE processes, after CADisk transfers control to IDCAMS, program IDCAMS will run into a system or user abend when processing the data set (ddd). The (ssss) is the system abend code, and the (uuuu) is the user abend code.

Action:

Reference the system or user abend code(s), and review the data set to determine what is wrong in the dataset.

4292

DATA SET (ddd) HAS INCORRECT CATALOGED TYPE

4292

ENTRYTP=(c)

Reason:

When CADisk checks if a data set (ddd) is cataloged on a specified volume and finds that the data set type is incorrect, or not a non-VSAM, the ENTRYTP will show the cataloged record type.

Action:

Ensure that the data set type is non-VSAM and resubmit the job.

4293

INTERFACE CONTROL CHECK I/O ERROR WAS DETECTED ON (DDD) – DD DATA SET (FFF)

Reason:

An unrecoverable FICON channel, microcode error has occurred. (DDD) is the data definition name and (FFF) is the data set name. All archives recorded in the files data set for this type are okay; that is, no archive data set recovery is necessary.

Action:

Resubmit Archive or Backup job.

4294

ABEND U0122 RESULTS FROM OPERATOR STOP OF A DMSAR AND EITHER A 2ND OPERATOR STOP OR TIMEOUT OF THE SAME DMSAR

Reason:

A CADisk DMSAR was stopped and either the operator stopped the same DMSAR a second time or a timeout occurred from sysparm RESCANTM (default is 30 seconds). An ABEND U0122 follows and the DMSAR address space is canceled. An operator Stop (P DMSAR,A=nnnn) can also be issued by the CAVantage SRM GUI; where nnnn is the ASID number.

Action:

A graceful shutdown may not occur, so insure that the data set is recataloged to the pseudo volume.

4295

DSNAME (dsname) FILE (file) ALREADY EXISTS ON VOLUME (xxx) AND CAN NOT BE REBUILT ON VOLUME(yyy)

Reason:

While rebuilding an Archive data set on volume (xxx), data set (dsname), which has identical archive date, time and file sequence number (file), was discovered to already be defined as being on archive volume (yyy). This may happen if volume (xxx) and volume (yyy) are copies of each other.

Action:

Purge data set (dsname) on volume (yyy) and file (file) if it is wanted to use the one on volume (xxx).

4296

DELETE BYPASSED FOR ORIGINAL MERGED ARCHVOL-ARCKEY/ARCDSNAM=(vvvvv1)/(ddddd1)

4296

CURRENT ARCHVOL DOES NOT MATCH- FOUND RCKEY/ARCDSNAM=(vvvvv2)/(ddddd2)

Reason:

During Merge processing arckey(vvvvv1), named arcdsnam(ddddd1) was merged forward but could not be deleted. The current Archvol found in the Files Data Set is named ddddd2 and did not match the ddddd1 name so the delete was bypassed. Merge continues with normal processing, but ends with RC=4. The most probable cause is another job deleted the original Archvol and its key was reused.

Action:

Verify the deletion and reuse of Archvol key by another job.

4297

THE MAXIMUM NUMBER OF VOLUMES (nnn) THAT PURGE CAN PROCESS IN ONE COMMAND HAS BEEN REACHED

4297

PROCESSING WILL CONTINUE ON VOLUMES THAT ARE IN PROGRESS BUT NEW VOLUMES WILL BE BYPASSED.

Reason:

The IXMAINT PURGE function attempts to ENQ on an archive data set and volume prior to deleting DSNINDEX entries from it, however it has reached its limit of (nnn) volumes ENQed in one run. Once that limit has been reached it will not attempt to ENQ any more volumes but will continue to process DSNINDEX records on any volume it has already ENQed.

Action:

Rerun the job, removing volumes from the PURGE command that were already processed.

4299

THE ADSDC650 MODULE WAS NOT FOUND; THE CA-DATACOM DBID CANNOT BE DETERMINED

Reason:

The ADSDC650 control table contains the list of FILES data sets and the Datacom database IDs into which they have been converted. This control table is stored in the CADisk load library.

Action:

Locate and customize the DBINI650 job in the CADisk INSTALL library. Run this job to initialize the ADSDC650 control table.

Messages 4300- 4399

4300

FILES DATA SET (fff) WAS ASSIGNED INVALID DBID OF (nnn)

Reason:

A DBID identified as (nnn) was chosen based on the FILES data set name, but the database does not exist.

Action:

Normally this would not occur. However, if the ADSDC650 control table was destroyed and then rebuilt manually, it is possible to associate an invalid database ID to the FILES data set. Ensure any manual reconstruction of the ADSDC650 control table was completed properly.

4301

FILES DATA SET (fff) HAS NO ASSOCIATED CA-DATACOM DBID

Reason:

In an MFILES concatenation a data set, there is a mixture of converted and unconverted FILES data sets. The FILES data set named (fff) has not been converted. This message is displayed as part of diagnostic processing.

Action:

This is an informational message only.

4302

FILES DATA SET (fff) IS ASSIGNED TO CA-DATACOM DBID (nnn)

Reason:

The FILES data set named (fff) has been converted and stored in Datacom DBID (nnn). The database has been structurally verified.

Action:

This is an informational message only.

4303

DBID (nnn) IS NOT A VALID CA DISK DATABASE

Reason:

A DBID identified as (nnn) was chosen based on the FILES data set name, but the database did not contain the expected CADisk data tables.

Action:

Normally this would not occur. However, if the ADSDC650 control table was destroyed and then rebuilt manually, it is possible to associate an invalid database ID to the FILES data set. Ensure any manual reconstruction of the ADSDC650 control table was completed properly.

4304

CA-DATACOM DBID (nnn) IS A VALID CA DISK DATABASE

Reason:

The database was chosen by DBID rather than by FILES data set name association. The database was analyzed and was found to contain the required database tables.

Action:

This is an informational message only.

4305

CA-DATACOM MODULES NOT IN STEPLIB

Reason:

In addition to the CADisk load library, any CADisk process that must access a Datacom database must also include the Datacom CAILIB and CUSLIB. The CAILIB is required for the Datacom interface modules and the CUSLIB is required for the DBSIDPR module which defines the particular Datacom MUF to which CADisk must connect.

Action:

Add the Datacom CAILIB and CUSLIB to the STEPLIB concatenation for the failing job step.

4306

UNABLE TO ESTABLISH CA-DATACOM ENVIRONMENT

Reason:

CADisk needs to access data in a Datacom database, but there are elements missing in the current job environment. This message is accompanied by other messages that more clearly identify the problem.

Action:

Refer to the accompanying messages.

4307

CA-DATACOM MULTI-USER FACILITY IS NOT CURRENTLY AVAILABLE

Reason:

The CA-Datacom Multi-User Facility (MUF) that owns the CADisk database cannot be located in the current environment.

Action:

Ensure the MUF is up in the current sysplex. If you are trying to access a MUF outside of the current sysplex, you will need to configure the MUF to use CAICCI in order to complete the connection.

4308

TERMINATING DUE TO DATABASE ERROR

Reason:

The previous message in the log identifies a problem accessing the database. This problem is such that processing cannot continue.

Action:

The process is terminated with a user abend. Review the action for the previous message.

4309

CA-DATACOM DATABASE IS NOT DEFINED TO THE MULTI-USER FACILITY

Reason:

CADisk has connected to a Datacom MUF, but this MUF does not have the particular database defined to it.

Action:

Verify the STEPLIB libraries contain the correct Datacom CAILIB and CUSLIB libraries. Do not use the LINKLIST to access Datacom CAILIB or CUSLIB members. This may connect you to the wrong MUF.

4310

CA-DATACOM ERROR ENCOUNTERED DURING DISCOVERY

Reason:

CADisk was attempting to locate the various CADisk databases allocated to the MUF when an unexpected error condition arose. This message is followed by 4311 which gives further details.

Action:

Examine the 4311 message that follows for more details on the problem.

4311

ERROR=(nn) IRC=(iii) MEANING: (description)

Reason:

This message accompanies 4310 and describes the exact database error encountered. (nn) is the database return code. (iii) is the database internal return code. (description) is an interpretation of the return codes.

Action:

Note: For a description of the return code and internal return code meanings, see the *CA Datacom Messages Guide*.

4312

INTERNAL ERROR WITH DATABASE PARAMETERS

Reason:

The database control parameter area has becomes corrupted.

Action:

This error should never occur, but an error in a user exit of improperly applied maintenance could cause an overlay that would result in this error. Verify any recent maintenance applied or any recent changes to user exits.

4313

NO CA DISK DATABASES COULD BE FOUND DURING DISCOVERY

Reason:

During a database discovery, CADisk successfully connected to a MUF, but that MUF did not contain any CADisk databases.

Action:

Make sure the correct Datacom CUSLIB was being accessed through STEPLIB. Do not use LINKLIST to access Datacom CAILIB or CUSLIB members. The DBSIDPR member of the CUSLIB directs the Datacom interface module to a specific Multi-User Facility (MUF). Ensure CADisk was directed to the correct MUF.

4314

FILES DATA WILL BE ACCESSED FROM CA-DATACOM DATABASE DBID (nnn)

Reason:

After a database discovery process, CADisk will concurrently access all of the databases found. Each database will be identified with a 4314 message.

Action:

This is an informational message only.

4315

DBID LIMIT EXCEEDED

Reason:

There is an internal limit to the number of databases that can open at one time. The limit is currently 256.

Action:

Ensure no more than 256 CADisk databases are defined to the MUF or use the ADSDC650 control table and FILES data sets in your JCL to select the specific databases you want to access.

4316

ENQ FOR ADSDC650 CONTROL MODULE FAILED, RC=(nnn) – TERMINATING

Reason:

The conversion and reverse conversion utilities update the ADSDC650 control table. The update is protected with an ENQ. In this case, the ENQ failed. (nnn) is the ENQ return code.

Action:

Processing is terminated.

4317

CONTROL TABLE MODULE ADSDC650 WAS NOT FOUND IN STEPLIB OR JOBLIB CONCATENATION

Reason:

The conversion utility expects to find the ADSDC650 control table in the STEPLIB. The ADSDC650 control module is not shipped with the product as an SMP controlled member. Instead, you must use the DBINI650 member of the CADisk INSTALL library to build the initial ADSDC650 control table.

Action:

Run the DBINI650 job from the CADisk INSTALL library to create the initial ADSDC650 control table.

4318

CONTROL TABLE MODULE ADSDC650 COULD NOT BE LOADED

Reason:

The ADSDC650 control table was located in the STEPLIB through a BLDL. However, the LOAD for the module failed.

Action:

The most probable cause is a storage shortage. Increase the REGION size and rerun the job.

4319

CONTROL TABLE MODULE ADSDC650 NOT IN STEPLIB

Reason:

The ADSDC650 control table was loaded successfully, but it did not come from the STEPLIB.

Action:

The LINKLIST cannot be used for the conversion or reverse conversion utilities. The ADSDC650 control table must be accessed from STEPLIB. Change the JCL to reference the CADisk load library.

4320

STEPLIB OR JOBLIB MUST BE PRESENT FOR CONVERSION

Reason:

The JOBLIB or STEPLIB DDs were not found. The ADSDC650 control table must be loaded from STEPLIB

Action:

The LINKLIST cannot be used for the conversion or reverse conversion utilities. The ADSDC650 control table must be accessed from STEPLIB. Change the JCL to reference the CADisk load library.

4322

Error occurred refreshing LLA, LLACOPY RC=(rc), RSN=(rsn)

Reason:

This message indicates the attempt to refresh the LLA entry for ADSDC650 has failed. The LLACOPY system service return code is (rc) and reason code is (rsn).

Action:

RC=8 RSN=0 – I/O error trying to search the directory of the load library. Verify the load library and rebuild it if necessary.

RC=8 RSN=4 – There was not enough storage in the region to search the directory. Increase region size and try the job again.

4323

LLA HAS BEEN REFRESHED FOR MODULE (mem)

Reason:

This message indicates that LLA was refreshed successfully for CADisk module (mem).

Action:

This is an informational message.

4324

SYSLIB DD MUST BE PRESENT FOR (reason)

Reason:

The conversion and reverse conversion utilities require the SYSLIB DD to be present so the ADSDC650 control table can be updated. (reason) can be conversion or initialization.

Action:

The current process is terminated. Add the SYSLIB DD to the failing job step and ensure it names the STEPLIB or JOBLIB library that contains the ADSDC650 control table.

4325

ADSDC650 LOADED FROM (dsn) ON (volume)

Reason:

The ADSDC650 control table was successfully loaded from the CADisk load library named (dsn) that resides on volume (volume).

Action:

This is an informational message only.

4326

SYSLIB ALLOCATED TO (dsn) ON (volume)

Reason:

The SYSLIB library is used to update the ADSDC650 control table. The SYSLIB DD identifies the CADisk load library named (dsn) or volume (volume). This should match the data set identified in message 4325 above.

Action:

This is an informational message only.

4327

SYSLIB MUST IDENTIFY THE LIBRARY USED IN YOUR STEPLIB OR JOBLIB CONCATENATION

Reason:

The data set identified by message 4325 is not the same data set as the one identified by message 4326.

Action:

Processing terminates. Change the SYSLIB DD to identify the same data set as is displayed in message 4325.

4328

CONTROL TABLE MODULE ADSDC650 WAS FOUND, INITIALIZATION HAS ALREADY BEEN COMPLETED

Reason:

The DBINI650 job was run to initialize the ADSDC650 control table. However, the ADSDC650 control table was found.

Action:

The initialization process is terminated. It can only be initialized once. Use the DBLIST job in the CADisk INSTALL library to list the contents of the current ADSDC650 control table. The ADD and REMOVE functions of the conversion utility can be used to manually update the ADSDC650 control table is necessary.

4329

WARNING: (fff) WAS PREVIOUSLY CONVERTED USING DBID (nnn)

Reason:

You are running the conversion utility to convert the FILES data set named (fff) but this FILES data set has been converted previously. The conversion utility allows rerunning the conversion for a specific FILES data set several times without error. However, if you change the target database ID, it will issue this warning.

Action:

If you intended to rerun the conversion and send the FILES data to a different database, then ignore this message. If this was an accidental rerun, you can manually correct the ADSDC650 control table using the ADD and REMOVE functions of the conversion utility.

4330

FILES DATA SET (fff) IS NOT IN THE ADSDC650 CONTROL TABLE

Reason:

In attempting to remove an entry from the ADSDC650 control table, the entry matching the FDS= parameter of the REMOVE command could not be located. The FILES data is identified by (fff).

Action:

The update is terminated. The ADSDC650 control table remains unchanged.

4331

CONTROL TABLE ADSDC650 COULD NOT BE UPDATED

Reason:

The ADSDC650 control table was loaded and updated in memory, but the attempt to physically update the SYSLIB data set failed. The Binder is used to store the updated ADSDC650 control table.

Action:

Make sure enough space remains in the CADisk load library. You may need to compress the CADisk load library to provide sufficient space. Ensure the CADisk load library is on a disk that can be updated from the system where the failing job ran.

4332

DEQ FOR ADSDC650 CONTROL MODULE FAILED, RC=(nnn) – TERMINATING

Reason:

The conversion and reverse conversion utilities update the ADSDC650 control table. The update is protected with an ENQ. The update has been completed. In this case, the DEQ failed. (nnn) is the DEQ return code.

Action:

Processing is terminated.

4333

CONTROL TABLE ADSDC650 SUCCESSFULLY [CREATED | UPDATED]

Reason:

All ADSDC650 control operations have completed without failure. If this was an initialization run, the message will indicate created. If this was any other type of update, the message will indicate updated.

Action:

This is an informational message only.

4334

CONTROL TABLE ADSDC650 CURRENT CONTENTS:

Reason:

This is a header message that precedes the detailed list of ADSDC650 control table entries. This message is followed by a sequence of 4335 messages.

Action:

This is an informational message only.

4335

[--->] DSN=(fff) DBID=(nnn) - STATUS: (status)

Reason:

A 4335 message is displayed for each entry in the ADSDC650 control table. If a conversion, reverse conversion, or database combine process is in progress, the entry relating to the FILES data set being converted, reverse converted or combined is flagged with "--->" to highlight it. (fff) is the FILES data set name. (nnn) is the associated Datacom DBID. (status) indicates the current status as either conversion in process or conversion complete. If a database combine process is involved, the additional text (COMBINE from) or (COMBINE into) will be added to the conversion in process notation.

Action:

This is an informational message only.

4336

ERROR OCCURRED UPDATING SYSLIB, FUNCTION: (func) RC=(rc) RSN=(rsn)

Reason:

The ADSDC650 control table is updated using the Binder API. This message is issued if an unexpected error is encountered during Binder operations. (func) is the Binder function that failed. (rc) is the return code and (rsn) is the reason code received from the failing function call.

Action:

If the 4337 message appears next, then detailed Binder messages will be printed following that message. Observe those messages for more information on the failure. Detail Binder API return code may be found in IBM's MVS program management documentation.

4337

MESSAGES FROM DFSMS BINDER FOLLOW

Reason:

The Binder has generated detailed error messages. They will be listed in 4338 messages that follow.

Action:

Observe the 4338 message carefully.

4338

BINDER: (binder_msg)

Reason:

A Binder function failed and produced detailed error messages. There will be one 4338 message for each Binder message queued up by the failing Binder function. (binder_msg) is a message from the Binder API.

Action:

The Binder error messages are documented in IBM's MVS message documentation.

4339

OPEN FOR (dd) FAILED

Reason:

A required DD failed to open properly. (dd) is the name of the DD that failed to open.

Action:

Processing is terminated.

4340

OBJECT TO BE LOADED IS DSN=(dsn)

Reason:

The ADSDC023 utility is attempting to build the ADSDC651 control table that will contain the DDUPDATE statements used as a model for creating new databases. DSN identifies the Datacom DDUPDATE control statement location.

Action:

This is an informational message only.

4341

ATTEMPTING TO STORE (nnn) RECORDS, (xxx) BYTES

Reason:

The Datacom DDUPDATE control statements have been loaded and compressed. (nnn) identifies the number of control statements. (xxx) identifies the number of bytes read in.

Action:

This is an informational message only.

4342

MODULE IS (nnn) BYTES IN LENGTH, A (pct)% REDUCTION IN SIZE

Reason:

The DDUPDATE control statements are compressed before they are stored in the ADSDC651 control table. (nnn) indicates the total size of the ADSDC651 control table. (pct) indicates the reduction is size achieved by data compression.

Action:

This is an informational message only.

4343

CONTROL TABLE ADSDC651 SUCCESSFULLY UPDATED

Reason:

The ADSDC023 utility successfully stored the Datacom DDUPDATE control table.

Action:

This is an informational message only.

4344

SUCCESSFULLY WROTE (nnn) RECORDS TO SYSPUNCH

Reason:

The SYSPUNCH DD was coded with the ADSDC023 utility, so an object deck version of the ADSDC651 control table was punched out for subsequent processing by the Binder.

Action:

This is an informational message only.

4345

REQUESTED DBID IS RESERVED FOR CA-DATACOM USE ONLY

Reason:

The DBDEF job from the CADisk INSTALL library was being used to create a new database, but the requested database ID (DBID) is not within the proper ranges. Certain DBIDs are reserved for Datacom only usage.

Action:

The recommended range of CADisk database IDs is 650 through 700. The following ranges are reserved by Datacom for internal use:

0	20
1000	1020
2000	2020
3000	3020
4000	4020

4346

REQUESTED DBID IS OUT OF VALID RANGE

Reason:

The DBDEF job from the CADisk INSTALL library was being used to create a new database, but the requested database ID (DBID) is not within the allowed range. The largest acceptable DBID is 4999. Also, not that certain DBIDs are reserved for Datacom only usage. Those are listed in message 4345 above.

Action:

The recommended range of CADisk database IDs is 650 through 700.

4347

THE ADSDC651 CONTROL MODULE WAS NOT FOUND

Reason:

The DBDEF job from the CADisk INSTALL library was being used to create a new database, but the ADSDC651 control table was not found. The ADSDC651 control table contains the model control statement used to define a new database.

Action:

The ADSDC651 control table module is an SMP controlled module that was delivered on the product installation media.

4348

DDUPDATE CONTROL STATEMENT GENERATION COMPLETE FOR DBID (nnn)

Reason:

The DBDEF job from the CADisk INSTALL library was being used to create a new database. All of the required control statements were extracted from the ADSDC651 control table, edited, and written out to the SYSUT2 DD statement. These will subsequently be read by the Datacom DDUPDATE utility in order to create the required database.

Action:

This is an informational message only.

4349

CONTROL STATEMENTS GENERATED – (nnn)

Reason:

The DBDEF job from the CADisk INSTALL library was being used to create a new database. All of the required control statements were extracted from the ADSDC651 control table, edited, and written out to the SYSUT2 DD statement. (nnn) is the number of control statements written.

Action:

This is an informational message only.

4350

UNABLE TO OPEN SYSUT2

Reason:

The ADSDC024 utility requires a SYSUT2 DD statement that either points to a sequential data set or PDS member that is LRECL=80 and RECFM=FB. The Datacom DDUPDATE utility statements could not be written.

Action:

Processing terminates. Ensure a SYSUT2 DD statement is added to the failing job step and rerun the job.

4351

CREATING CA-DATACOM CONTROL STATEMENTS IN DSN=(dsn)

Reason:

The DBDEF job from the CADisk INSTALL library was being used to create a new database. The SYSUT2 DD statement identified the data set (dsn). The Datacom DDUPDATE control statements will be written to this data set. If the data set is a PDS, ADSDC024 will attempt to update the directory entry to reflect the creation date and time for display under ISPF.

Action:

This is an informational message only.

4352

UNABLE TO UPDATE STATS FOR (memname)

Reason:

The DBDEF job from the CADisk INSTALL library was being used to create a new database. The SYSUT2 DD statement identified the PDS named (dsn) in the preceding 4351 message. The data set is a PDS and (memname) is the member into which the control statements have been written. The Datacom DDUPDATE control statements were successfully written to this member. However, ADSDC024 attempted to update the directory entry to reflect the creation date and time for display under ISPF, but the update failed.

Action:

Ensure there is sufficient directory space to allow storing ISPF status information in the directory entry.

4353

DATABASE ERROR, TABLE=(ttt) CMD=ccc ERROR=(nn) IRC=(iii) DBID=(nnn)

Reason:

An unanticipated error occurred while accessing a CA Datacom database. (ttt) identifies the CA Datacom table. ccc identifies the CA Datacom command being attempted. (nn) is the CA Datacom return code. (iii) is the CA Datacom internal return code. (nnn) is the database ID where the error was encountered. This message is followed by 4354 and 4355 messages which interpret the code.

Action:

Observe the 4354 and 4355 messages in conjunction with this message to determine the problem.

Note: For a description of the return code and internal return code meanings, see the *CA Datacom Messages Guide*.

4354

MEANING: (description)

Reason:

This message immediately follows the 4353 message. The (description) text interprets the error codes from the preceding 4353 message.

Action:

Observe the 4353 and 4355 messages in conjunction with this message to determine the problem.

Note: For a description of the return code and internal return code meanings, see the *CA Datacom Messages Guide*.

4355

LAST KEY=(kkk)

Reason:

This message immediately follows the 4353 and 4354 messages. The (kkk) field is the current key at the time of the failure.

Action:

Observe the 4353 and 4354 messages in conjunction with this message to determine the problem.

Note: For a description of the return code and internal return code meanings, see the *CA Datacom Messages Guide*.

4356

TABLE ERROR ON (type) CALL, RC=(rc), RS=(rsn)

Reason:

The ADSUT322 table manager module has encountered an unexpected error. (type) indicates the type of call being made. It can be INIT, TERM, ADD, DEL, or ADD/REPL. (rc) is the return code. (rsn) is the reason code.

Action:

This information will be useful to CA Tech Support.

4357

UNRECOGNIZED LOCK TYPE=(ttt)

Reason:

The lock manager received a call for an unrecognized lock type. (ttt) indicates the lock being requested.

Action:

This information will be useful to CA Tech Support.

4358

UNABLE TO BUILD CA-DATACOM URT

Reason:

A Datacom URT must be built to allow access to the database. Various problems could prevent this process from being completed. Those problems will be identified in messages preceding this one.

Action:

See the messages preceding this one for more details on the failure.

4359

CA-DATACOM IS NOT AT THE REQUIRED SERVICE PACK

Reason:

CADisk requires service from Datacom that are only available at certain service pack levels. If a request to use a specific Datacom service fails because that service is not support, then this message will be issued.

Action:

Ensure the most current version of Datacom is installed. Ensure the Datacom CAILIB and CUSLIB libraries are specified in the STEPLIB.

4360

DATABASE ID (nnn) WAS NOT DEFINED IN THE DATACOM MUF

Reason:

CADisk has connected to a Datacom MUF, but this MUF does not have the particular database defined to it. (nnn) indicates which database was being opened.

Action:

Verify the STEPLIB libraries contain the correct Datacom CAILIB and CUSLIB libraries. Do not use the LINKLIST to access Datacom CAILIB or CUSLIB members. This may connect you to the wrong MUF.

4361

DBID (nnn) IS NOT A CA DISK DATA BASE

Reason:

A DBID identified as (nnn) was defined to the Datacom MUF, but the database did not contain the expected CADisk data tables.

Action:

Normally this would not occur. However, if the ADSDC650 control table was destroyed and then rebuilt manually, it is possible to associate an invalid database ID to the FILES data set. Ensure any manual reconstruction of the ADSDC650 control table was completed properly.

4362

FILE VALIDATION COMPLETED WITHOUT ERRORS

Reason:

The specified database was examined and found to be structurally consistent with a CADisk database.

Action:

This is an informational message only.

4363

FILE VALIDATION COMPLETED WITH ERRORS

Reason:

The specified database was examined and found to be structurally inconsistent with a CADisk database.

Action:

Normally this would not occur. However, if the ADSDC650 control table was destroyed and then rebuilt manually, it is possible to associate an invalid database ID to the FILES data set. Ensure any manual reconstruction of the ADSDC650 control table was completed properly.

4364

FORMAT MUST SPECIFY EITHER R11 OR R12

Reason:

The FORMAT= of the DBUNLOAD command allows specification of either R11 or R12. If you omit FORMAT=, the default is R12.

Action:

If you need a SEQFILES unload format that matches the R11 FILES UNLOAD format, then specify FORMAT=R11. Otherwise, allow it to default to R12

4365

SPECIFY EITHER THE "FILES=" OR THE "ALL" PARAMETER BUT NOT BOTH ON THE DBUNLOAD COMMAND

Reason:

The FILES= and the ALL parameter are mutually exclusive parameters.

Action:

Either specify ALL or code the explicit subfiles you want to unload.

4366

SUBFILE (fff) IS NOT VALID

Reason:

The FILES= parameter of the DBUNLOAD command specified an unknown subfile. (fff) was the subfile name specified.

Action:

Correct the FILES= parameter to identify only valid subfile names.

4367

ONLY 1 DATABASE MAY BE ALLOCATED FOR UNLOADING

Reason:

MFILES is not supported for DBUNLOAD.

Action:

Use a FILES DD to identify a single database.

4368

DATABASE UNLOAD COMPLETE

Reason:

The DBUNLOAD command completed with no problems.

Action:

This is an informational message only.

4369

UNABLE TO OPEN SEQFILES

Reason:

The SEQFILES DD is required for the utility function to complete.

Action:

If this is issued by ADSDC177, ensure the SEQFILES DD is allocated for the DBUNLOAD command. If this is issued by ADSDC192, make sure SEQFILES is allocated to an existing SEQFILES data set for the DBLOAD command.

4370

DATABASE (nnn) (areaname) IS CONTAINED WITHIN (dsn)

Reason:

The database is being opened. The (nnn) indicates the associated Datacom Database ID being opened. The (areaname) is either DMS for the data component or IXX for the index component. (dsn) is the physical data set name where the component resides.

Action:

This is an informational message only.

4371

PERCENT USED: (pct)% - OF (xxx) TOTAL BLOCKS (yyy) BLOCKS ARE IN USE

Reason:

The database is being opened. During the open process, the current capacity of each database component is analyzed. The (pct) indicates the percentage of the current allocation that is occupied. The (xxx) value is the total number of blocks currently allocated. The (yyy) value is the number of physical blocks that currently have data in them. Those blocks may not necessarily be full.

Action:

This is an informational message only. Note that Datacom components are allowed to acquire new extents during processing. If an area becomes totally full, Datacom will attempt to acquire new extents. If successful, the new allocation will change the percentage used.

4372

DATABASE (nnn) (areaname) DSN=(dsn) IS APPROACHING CAPACITY: (pct)%

Reason:

The database is being opened. The (nnn) indicates the associated Datacom Database ID being opened. The (areaname) is either DMS for the data component or IXX for the index component. (dsn) is the physical data set name where the component resides. The (pct) indicates the percentage of the current allocation that is occupied. The percentage is greater than or equal to the DBCPCTHR sysparm value. If DBCPCTHR is not set, it defaults to 90.

Action:

This message is written as a WTO. Examine the current allocation and ensure enough space remains on the current volume for the component to acquire new extents. If there is not enough space on the current volume, then use the DBEXTEND sample job in the CADisk INSTALL library to add another volume to the current allocation.

Note that Datacom components are allowed to acquire new extents during processing. If an area becomes totally full, Datacom will attempt to acquire new extents. If successful, the new allocation will change the percentage used.

4373

BUFFERS= VALUE EXCEEDS 256, ADJUSTING TO MAX

Reason:

The value coded for the BUFFERS parameter exceeded the maximum supported. The value is adjusted to maximum supported.

Action:

This is an informational message only.

4375

ASSIGNING DBID (nnn) FROM CONTROL INPUT

Reason:

The DBID parameter was accepted. The Database ID being loaded is (nnn).

Action:

This is an informational message only.

4376

TERMINATING DUE TO DATABASE PROBLEMS

Reason:

The messages immediately preceding this message indicate a severe problem has been encountered in the database processing.

Action:

The current process is terminated with a user abend. Review the preceding messages and take corrective Action according to what has been detected.

4377

SPECIFYING DBID=(nnn) IN THE CONTROL INPUT IS NOT REQUIRED, ALREADY ASSIGNED TO DBID (nnn)

Reason:

The DBLOAD utility had already determined the appropriate database ID to be loaded from the ADSDC650 control table. In this case, the DBID specification is redundant.

Action:

This is an informational message only.

4378

DBID FROM CONTROL INPUT (nnn) CONFLICTS WITH DBID ASSIGNED (xxx)

Reason:

The DBLOAD utility has determined the database ID associated with this FILES data set is (xxx). The control statement indicates a different database ID is being targeted, (nnn).

Action:

This is not allowed. The DBLOAD command is terminated.

4379

ONLY 1 DATABASE MAY BE ALLOCATED FOR LOADING

Reason:

The DBLOAD command can only write to a single database. MFILES allocation is not allowed for DBLOAD.

Action:

This is not allowed. The DBLOAD command is terminated.

4380

REQUESTED SUBFILE NOT FOUND, NAME=(fff)

Reason:

The DBLOAD command was reading unloaded records from the SEQFILES data set when it encountered a record for an unsupported identified as (fff).

Action:

This is not allowed. The DBLOAD command is terminated.

4381

DUPLICATE KEY SUBFILE=(fff) KEY=(kkk)

Reason:

The DBLOAD command encountered an unexpected duplicate record. The subfile being processed was (fff) and the key to the record was (kkk).

Action:

The duplicate record is omitted from the output. Processing continues.

4382

DSNINDEX RECORDS MUST BE PROCESSED BEFORE ARCHVOLS RECORDS CAN BE CORRECTLY LOADED

Reason:

The DBLOAD command was reading the unloaded SEQFILES data set when it encountered an ARCHVOLS record. At this point the DSNINDEX records have not been processed. The DSNINDEX record must be processed first in order to accumulate byte and block counts for each ARCHVOL.

Action:

Processing is terminated. Ensure the DSNINDEX records are presented to the DBLOAD command before any ARCHVOLS records. If necessary, create the SEQFILES for each subfile separately and concatenate them for the DBLOAD command.

4383

THE DEVICE TYPE FOR ARCHVOL (vvv) HAS AN INVALID DEVICE TYPE, THE PERCENTAGE USED CANNOT BE CALCULATED

Reason:

During a DBLOAD or CONVERT command, the physical percentage used for a given ARCHVOL was being calculated. However, the device type specification for this ARCHVOL is not one of the expected values. The percentage used cannot be determined.

Action:

A value of 1 is set and processing continues.

4384

EXPIRED RETEXCLD RECORD OMITTED, KEY: kkk

Reason:

During a DBLOAD or CONVERT command, a RETEXCLD record was encountered that has expired.

Action:

The record is not written to the database.

4385

INVALID FUNCTION CODE (xx)

Reason:

The ADSDM895 I/O driver was given an I/O code that is not recognized.

Action:

ADSDM895 sets a result code of 16 and passes control back to the caller. If the code was passed from a user exit, correct the user exit and try the function again.

4386

OBSOLETE FUNCTION CODE (xx)

Reason:

The ADSDM895 I/O driver was given an I/O code that is now obsolete.

Action:

ADSDM895 sets a return code of 1 and passes control back to the caller. If the code was passed from a user exit, correct the user exit and try the function again.

4387

REQUIRED CONTROL BLOCK MISSING

Reason:

Certain functions of the ADSDM895 I/O module require additional parameters passed in the DBAC control block. This control block is missing in the current I/O call.

Action:

This is not allowed. The process is terminated.

4388

COULD NOT FIND MATCHING REQUEST AREA

Reason:

The ADSDC895 interface module received a request that was routed to the Datacom interface module. In the current processing context, a Datacom Request Area associated with the current request is expected to be found. This function cannot be completed without locating the correct request area. The name of the calling module is reported in a subsequent message.

Action:

The function is failed with a result code of 2. For update and delete requests, ensure a preceding read for update is performed.

4389

FILES DATA SET (fff) HAS NOT BEEN CONVERTED TO DATACOM

Reason:

A FILES data set was coded on the MFILES concatenation that has not yet been converted. (fff) is the FILES data set that has not been converted. In this particular CADisk function, you cannot mix converted and unconverted FILES data sets.

Action:

The process is terminated. Remove the FILES data set listed in the 4389 messages and retry the failing operation.

4390

FILES DATA SET (fff) IS CURRENTLY BEING CONVERTED

Reason:

The FILES data set named (fff) is in the process of being converted at this time. This particular CADisk function will not wait for the conversion to complete.

Action:

The process is terminated. Either remove the FILES data set listed in the 4390 messages or wait until the conversion completes and then retry the failing operation.

4391

DBID LIMIT EXCEEDED

Reason:

There is a limit to the number of databases that can be opened concurrently. The limit has been exceeded. The limit is currently 256 databases.

Action:

The limit can be increased by system maintenance.

4392

ATTEMPTING FUNCTION CODE (xx) WHILE OPEN IN READ-ONLY MODE

Reason:

The database is being processed in read-only mode, but a command requiring update access has been given to the ADSDM895 I/O module. The program making this call is logged in a subsequent message.

Action:

The command is failed with a result code of 2. Either open the database in update mode or use an alternate command to retrieve the information you need.

4393

CONNECTED TO MUF (mmm) VIA SVC (yyy) SUBID (zzz) ON THE LOCAL SYSTEM

Reason:

The CA-Datacom Multi-User Facility (MUF) that manages the CADisk FILES data is on the local system. (mmm) indicates the name of the MUF. The (yyy) indicates the Datacom communications SVC being used. The (zzz) indicates the communication SUBID being used.

Action:

This is an informational message only.

4394

CONNECTED TO MUF (mmm) VIA (xxx) TO SYSTEM (sysid)

Reason:

The CA-Datacom Multi-User Facility (MUF) that manages the CADisk FILES data is on another system in the sysplex for XCF or in another system that is connected through CAICCI. (mmm) indicates the name of the MUF. (sysid) is the system ID of the system where the MUF is running. (xxx) indicates how the connection is being made. It is either "XCF" or "CCI."

Action:

This is an informational message only.

4395

ORIGINATING FROM (pgm) ACCESSING TABLE (ttt) USING (xx)

Reason:

This message identifies the call when unexpected conditions arise in the ADSDM895 I/O driver module. (pgm) is the name of the program calling ADSDM895. (ttt) is the name of the CADisk subfile being accessed. (xx) is the two byte I/O function code being used.

Action:

This is an informational message only. Processing may continue or may be terminated, depending on the nature of the error encountered. See subsequent messages for details.

4396

INVALID DB KEY NAME=(kkk) FOR SUBFILE=(fff)

Reason:

An I/O request was made to ADSDM895 requesting the use of an alternate key. The alternate key named, (kkk), does not match any key name for subfile named (fff).

Action:

The process is terminated. Correct the name of the alternate key and retry the request.

4397

NO COMMAND INPUT

Reason:

The FILES to Datacom conversion utility does not have any default Action's.

Action:

You must enter a CONVERT command specifying the DBID to use for the current conversion. The CONVERT command fails with a return code of 8.

4398

UNEXPECTED COMMAND INPUT

Reason:

The FILES to Datacom conversion utility processes one conversion at a time. Only one CONVERT command may be entered.

Action:

Remove all but one command. Verify extra parameters that may have been on separate control statements were accepted as continuation parameters.

4399

(hh:mm:ss) ANALYZING SPACE REQUIREMENTS FOR (fff)

Reason:

Before the CONVERT command proceeds with a given conversion, it examines the FILES data set (fff) to get record counts from each of the subfiles. For a large FILES data set, this may take several minutes. The current time is logged as (hh:mm:ss). Once the record counts have been established, it verifies the target database has sufficient space in both the data and index areas.

Action:

This is an informational message only.

Messages 4400- 4499

4400

CONTINUING WITH CONVERSION BECAUSE FORCE WAS SPECIFIED

Reason:

The CONVERT command has estimated the space requirements for either the data area or index area data set is not adequate (or both) for the conversion to complete. However, the FORCE parameter was specified, so the conversion will continue.

Action:

This is an informational message only. If secondary space allocation is available, Datacom will extend the data sets as needed during the conversion

4401

TERMINATING DUE TO LACK OF SPACE; SPECIFY FORCE TO OVERRIDE

Reason:

The CONVERT command has estimated the space requirements for either the data area or index area data set is not adequate (or both) for the conversion to complete.

Action:

The CONVERT command terminates with a user abend.

4402

(hh:mm:ss) CONVERSION PROCESS FOR (fff) BEGINS

Reason:

The initial verification and validation steps have completed for the FILES data set (fff). The actual conversion process now begins. The current time is logged as (hh:mm:ss).

Action:

This is an informational message only.

4403

FILES DATA SET (fff) HAS BEEN LOCKED

Reason:

When a FILES data set is converted it is internally marked as locked to prevent inadvertent access to it by back-level versions of CADisk. Note that releases prior to r12 have maintenance that should be applied to them to check for the locked status and terminate. If you are running version of CADisk earlier than r12 anywhere in your environment, ensure the proper maintenance has been applied to make those levels sensitive to the locked status. For testing purposes only, you can specify the NOLOCK parameter on the CONVERT command to prevent the FILES data set from being locked.

Action:

This is an informational message only.

4404

(hh:mm:ss) CONVERSION SIMULATION FOR (fff) CONCLUDES

Reason:

The CONVERT command included the SIMULATE parameter so no conversion actually took place. The FILES data set named (fff) was read and the database was opened, but no records were written to the database and the FILES data set has not been locked. The current time is logged as (hh:mm:ss).

Action:

This is an informational message only.

4405

REQUIRED SUBFILE (fff) WAS NOT FOUND IN FILES DATA SET

Reason:

For the CONVERT command to complete properly, the FILES data set must include at least a DSNINDEX and an ARCHVOLS subfile. These two subfiles are intrinsically linked and must both be present. The (fff) is the subfile that was missing.

Action:

The CONVERT command is terminated with a user abend.

4406

OPTIONAL SUBFILE (fff) WAS NOT FOUND IN FILES DATA SET; NOT CONVERTED

Reason:

The CONVERT command attempts to convert all of the currently supported subfiles. The DSNINDEX and ARCHVOLS subfiles are considered required, while the remaining subfiles are considered optional. The subfile identified as (fff) was not found in the FILES data set.

Action:

The corresponding table in the Datacom database will be empty. Since all tables share the same data and index area data sets, not space will be wasted in the database.

4407

(hh:mm:ss) DATABASE LOAD COMPLETE

Reason:

The CONVERT command has successfully loaded the database with the FILES data. The conversion is complete. The current time is logged as (hh:mm:ss).

Action:

This is an informational message only.

4408

DATABASE IS NOT PROPERLY INITIALIZED

Reason:

In the process of opening the target database, a CADisk process has discovered that the data or index area is not formatted. This can occur if the CADisk INSTALL library member DBDEF is used to define a new database but the DBINIT member is not used to format the data and index area data sets.

Action:

The CADisk process is terminated with user abend. Determine the status of the data and index area data sets. Use the Datacom program DBUTLTY with the following control statement:

REPORT AREA=CXX,DBID=dbid

The dbid is the database ID into which you were converting. If it is has not been initialized, run the DBINIT job from the CADisk INSTALL library to initialize this particular database.

4409

THIS FILES DATA SET WILL REQUIRE AN ESTIMATED (ddd) DATA AREA BLOCKS AND (xxx) INDEX BLOCKS

Reason:

The convert command has used the record counts of the FILES data set to estimate the number of blocks required for the data and index area data sets. (ddd) is the number of data area blocks. (xxx) is the number of index area blocks.

Action:

This is an informational message only.

4410

THE DATA AREA OF THIS DATA BASE IS NOT LARGE ENOUGH TO CONTAIN THE FILES DATA

Reason:

The convert command has used the record counts of the FILES data set to estimate the number of blocks required for the data area data set. It estimates that you will need more space. See the preceding 4409 message for the number of blocks required.

Action:

Either increase the primary space allocation of the data area data set or ensure there is enough secondary space to fulfill the requirements and use the FORCE parameter on the CONVERT command.

4411

THE INDEX AREA OF THIS DATA BASE IS NOT LARGE ENOUGH TO INDEX THE FILES DATA

Reason:

The convert command has used the record counts of the FILES data set to estimate the number of blocks required for the index area data set. It estimates that you will need more space. See the preceding 4409 message for the number of blocks required.

Action:

Either increase the primary space allocation of the index area data set or ensure there is enough secondary space to fulfill the requirements and use the FORCE parameter on the CONVERT command.

4412

RECORDS READ FROM (fff)=(nnn)

Reason:

All records have been processed from subfile (fff). (nnn) is the total number of records read from this subfile.

Action:

This is an informational message only.

4413

STARTAFT CRITERIA IS MET, PROCESSING BEGINS WITH SUBFILE (fff)

Reason:

The STARTAFT parameter was specified. The number of records specified has been read and discarded. The conversion process resumes at this point.

Action:

This is an informational message only.

4414

SAMS:SELECT MANAGED DATA SET CANNOT BE CONVERTED, DSN=(dsn) RESTORE, REARCHIVE, AND DELETE DSNINDEX RECORD

Reason:

A SAMS:SELECT managed data set has been encountered. The DSNINDEX record is for data set (dsn). These cannot be converted. You must restore this data set and then archive it again to create a new DSNINDEX record. The old SAMS:SELECT managed DSNINDEX record must then be deleted.

Action:

In live conversion mode, the CONVERT command is terminated with a user abend. However, is SIMULATE mode, processing continues. If you run across one of these in a live conversion, we recommend you rerun the conversion using the SIMULATE parameter of the CONVERT command. That will identify all of this type of record in one run.

4415

CONTINUING BECAUSE OF SIMULATION MODE

Reason:

The message immediately preceding this message would have caused the CONVERT command to terminate with a user abend. However, since the SIMULATE parameter was specified on the CONVERT command, processing continues.

Action:

This is an informational message only.

4416

UNSUPPORTED ARCHVOL CANNOT BE CONVERTED, VOL=(vvv) MERGE THIS ARCHVOL ONTO NEW MEDIA

Reason:

The ARCHVOL identified as (vvv) is an old format record that is no longer supported. You must merge this ARCHVOL onto new media in order to create a new ARCHVOL in the current format.

Action:

In live conversion mode, the CONVERT command is terminated with a user abend. However, is SIMULATE mode, processing continues. If you run across one of these in a live conversion, we recommend you rerun the conversion using the SIMULATE parameter of the CONVERT command. That will identify all of this type of record in one run.

4417

ARCHVOLS ENTRY WAS NOT FOUND IN DBCB CHAIN

Reason:

This is an internal processing error that should not occur. However, storage overlays or improperly applied maintenance could possibly result in this error.

Action:

Review recent changes to user exits and any recently applied maintenance.

4418

UNABLE TO LOCK DBID (nnn) DURING CONVERSION, WAITING 5 MINUTES

Reason:

There are multiple CONVERT commands (multiple conversion jobs) running that are converting different FILES data sets into the same database. Disk ARCHVOLS are re-sequenced as part the conversion process. In order to assign a new disk ARCHVOL volume number, the ARCHVOLS table must be locked. The lock is currently unavailable because another CONVERT command owns it. The current CONVERT command waits for the lock.

Action:

This is an informational message only.

4419

ARCHVOLS UPDATE PHASE (status)

Reason:

(status) can be 1 begins, 2 begins, or complete. In the conversion process, the ARCHVOLS are copied to the database first. During this process disk ARCHVOLS are assigned new ARCHVOL volume numbers. This information is tabled in memory. The DSNINDEX records are converted next. As they are read, they are updated with the newly assigned disk ARCHVOL volume numbers where appropriate. (Tape ARCHVOLS remain unchanged.) The byte counts and block counts from the DSNINDEX records are accumulated in the table. Once all the DSNINDEX records have been read, the accumulator for each ARCHVOL in the table is complete. The ARCHVOLS are then updated in phases:

- Phase 1 - In memory, the copy volumes associated with primary volumes are updated with the totals accumulated from the primary volumes. Chained volumes are also updated.
- Phase 2 – The ARCHVOLS records in the database are updated with the information from the table. Once this process completes, the 4419 message with complete is written.

Action:

This is an informational message only.

4420

ARCHVOL=vvv WAS NOT FOUND

Reason:

The ARCHVOL reference table was build from the ARCHVOLS records. If a DSNINDEX record is found that identifies an ARCHVOL that is not currently defined, this message will be displayed. A pseudo number will be assigned as a placeholder. That number will be displayed in the 4421 message immediately following this message.

Action:

Once the conversion is complete, any DSNINDEX record associated with this ARCHVOL should be reviewed. The REBUILD process may be reused to correctly recreate the missing ARCHVOL record.

4421

ASSIGNED AS ARCHVOL=(vvv)

Reason:

The missing ARCHVOL identified in the previous 4420 message has been assigned a new ARCHVOL volume number as a placeholder. (vvv) is the newly assigned number.

Action:

See the Action in the 4420 message.

4422

UNEXPECTED DUPLICATE DSNINDEX RECORD, (dsn) (archdate) (archtime), KEY ADJUSTED TO ALLOW ADD

Reason:

The CONVERT command attempts to create unique keys for each DSNINDEX record by adjusting a tie-breaker field which is part of the key. In this case, an unexpected sequence error within the FILES data set caused the duplicate to not be detected. The CONVERT command attempted to add the record and received the duplicate record indication. It will adjust the tie-breaker fields to place this record slightly earlier than the record with which it is currently conflicting.

Action:

This is an informational message only.

4423

FILES-DD REALLOCATION FAILED, RC=(nn), INFO/REASON=(iii)

Reason:

The BACKOUT command was attempting to change the FILES disposition from SHR to OLD. It was not able to get exclusive control.

Action:

The command is failed with return code of 12.

4424

UNABLE TO ESTABLISH DATABASE IDENTITY

Reason:

The BACKOUT command must determine to which database the current FILES dataset is assigned. The ADSDC650 control table does not contain an entry for this FILES data set.

Action:

The BACKOUT command is terminated with a user abend. Determine if the FILES data set has been converted to a database. If so, it is possible that it has already been processed by the BACKOUT command. Verify the STEPLIB identifies the correct CADisk load library.

4425

CONVERSION OF FILES DATA SET (fff) IS BEING BACKED OUT, DBID=(nnn)

Reason:

The BACKOUT command has been accepted. The FILES data set named (fff) is placed in conversion status. The data from the database ID (nnn) will be loaded into this FILES data set.

Action:

This is an informational message only.

4426

MULTIPLE FILES DATA SETS DETECTED

Reason:

The BACKUP command detected and MFILES concatenation. BACKOUT processed one FILES data set per execution.

Action:

Remove the concatenated FILES data sets from MFILES or FILES.

4427

BACKOUT PROCESS WILL NOT REMOVE (fff) FROM THE ADSDC650 CONTROL TABLE

Reason:

A problem was detected in the BACKUP command. The BACKOUT was not successful. The FILES data set named (fff) remains in converted status.

Action:

Review the message immediately preceding this message to determine the problem.

4428

TABLE ERROR FOR TABLE: (name)

Reason:

The ADSUT322 table manager encountered an unanticipated error in table handling. (name) is the internal name of the table where the error occurred

Action:

Review the 4429 and 4430 messages that follow this message.

4429

RC=(xx) RSN=(yyy) INFO=(iii)

Reason:

The ADSUT322 table manager encountered an unanticipated error in table handling. (xx) is the return code, (yyy) is the reason code, and (iii) is the information code.

Action:

The specific Action to take depends on the particular error condition detected. The following conditions are the most common problems. If the particular problem detected is not covered in this list, then contact CA Technical Support for assistance.

(xx): 8

(yyy): 3

Meaning: The current table was full and new rows needed to be added. ADSUT322 was attempting to acquire more storage, but the attempt failed.

Action: Increase the MEMLIMIT for the failing job step.

(xx): 16

(yyy): 1

Meaning: The initial create for the table failed because there was not enough main storage available.

Action: Increase the MEMLIMIT for the failing job step.

4430

MEANING: text

Reason:

The ADSUT322 table manager encountered an unanticipated error in table handling. TXT is the textual interpretation of the return Reason and info code reported in the 4429 message preceding this message.

Action:

Review the 4428 and 4429 messages that precede this message. Take the corrective action described in the 4429 message.

4432

UNEXPECTED CATALOG ERROR ENCOUNTERED CATALOG=cat, PATTERN=ddd, R15=r15,RC= rc RS=rs

Reason:

The Catalog Search Interface (CSI) returned a non-zero return code (R15) for data set name pattern (ddd) in catalog (cat). Reason (rs) and return codes (rc) are set by Catalog Management.

Action:

CSI return codes can be found in z/OS DFSMS Managing Catalogs in the Catalog Search Interface User Guide section. Catalog Management reason and return codes can be found under message IDC3009I, z/OS MVS System Messages, Vol 6 (GOS-IEA).

4442

REPLY 'END' TO TERMINATE IXMAINT PROCESSING

Reason:

You can optionally specify a system parameter IXMREPLY that allows the computer operator to terminate IXMAINT prematurely (a graceful shutdown). Message 4442 is issued to the operator at the beginning of the process. This option permits you to start IXMAINT and shut it down gracefully if needed.

Action:

If the operator replies to the message to indicate that IXMAINT processing is to be stopped, a response of 'END' will terminate the job. Processing will complete normally, and all reports and statistics will be generated as normal.

4443

DATACOM ERROR - SEE PREVIOUS MESSAGE

Reason:

An error was encountered in the CADisk Datacom processing described in the previous message.

Action:

See action in previous message.

4444

(function) IS NOT RUNNING ON A LOCAL MUF. PERFORMANCE MAY BE AFFECTED.

Reason:

The (function) job determined that it was not running on the same system as the Datacom MUF that is providing access to the active FILES database. Since (function) performs a large number of FILES accesses, job run time may be adversely affected. If (function) is IXMAINT, the IXMREPLY SYSPARM is assumed to be Y to allow an orderly shutdown if job performance is being affected.

Action:

Run the (function) job on the same system as the Datacom MUF if performance was adversely affected.

4445

FILE HANDLER PROBLEM WITH (ff) FUNCTION FOR (sss) FILE, RESULT=(xxx)

Reason:

A request to perform the (ff) function on sub-files failed with result code xxx. The function failed. Correct the error and re-run the job.

Action:

Correct the error and re-run the job.

4446

(hh:mm:ss) ANALYZING ALLOCATION FOR DBID=(nnn) AND INTO=(nnn)

Reason:

Before the COMBINE command proceeds with the combine process, it examines the sending database (DBID=) to see how much space has been used and then examines the receiving database (INTO=) to see if enough space is available for the combine operation. The current time is logged as (hh:mm:ss).

Action:

This is an informational message only.

4447

CONTINUING WITH COMBINE PROCESS BECAUSE FORCE WAS SPECIFIED

Reason:

The COMBINE command has estimated the space requirements for either the data area or index area data set is not adequate (or both) for the combine operation to complete. However, the FORCE parameter was specified, so the combine process will continue.

Action:

This is an informational message only. If secondary space allocation is available, Datacom will extend the data sets as needed during the conversion.

4448

TERMINATING DUE TO LACK OF SPACE; SPECIFY FORCE TO OVERRIDE

Reason:

The COMBINE command has estimated the space requirements for either the data area or index area data set is not adequate (or both) for the conversion to complete.

Action:

The COMBINE command terminates with a return code 8.

4449

(hh:mm:ss) COMBINE PROCESS FOR DBID (nnn) INTO (nnn) BEGINS

Reason:

The initial verification and validation steps have completed for the databases. The actual combine process now begins. The current time is logged as (hh:mm:ss).

Action:

This is an informational message only.

4450

(hh:mm:ss) COMBINE SIMULATION FOR DBID (xxx) INTO (yyy) CONCLUDES

Reason:

The COMBINE command included the SIMULATE parameter so no combine process actually took place. The database (xxx) was read and the database (yyy) was opened, but no records were written to the database and neither of the databases were marked as being in conversion. The current time is logged as (hh:mm:ss)

Action:

This is an informational message only.

4451

(hh:mm:ss) DATABASE COMBINE COMPLETE

Reason:

The COMBINE command has successfully combined all data from both databases into one database. The operation is complete. The current time is logged as (hh:mm:ss).

Action:

This is an informational message only.

4452

ARCHVOL (volser) IN DBID (xxx) DUPLICATES ARCHVOL IN DBID (yyy)

Reason:

The COMBINE command scans the tape ARCHVOLS record in both databases to see if any conflicts exist. The tape ARCHVOL (volser) exists in both databases.

Action:

This ARCHVOL (from either database) must be merged onto a new volume to eliminate the conflict. The COMBINE command continues analyzing until all tape ARCHVOLS have been examined. If this message was issued, the message 4453 will be issued after all ARCHVOLS have been examined.

4453

MERGE CONFLICTING VOLUME(S) ONTO NEW VOLUME(S)

Reason:

At least one 4452 message has been issue prior to this message. The COMBINE command will not attempt to combine two databases where a tape ARCHVOL conflict exists.

Action:

Follow the action required by all previously listed 4452 messages and then retry the COMBINE command.

4454

USER IS NOT AUTHORIZED FOR (type) ACCESS TO FILES DSN=(fff)

Reason:

To open a given database, the user must have the appropriate level of access to the FILES data stored in it. The (type) may be "READ" or "UPDATE". The associated FILES data set name is (fff).

Action:

The open operation is failed with a U913 abend.

4455

DATABASE NOT FOUND IN ADSDC650 CONTROL TABLE, DBID=(nnn)

Reason:

The current operation is based on DBID only. That is, the user has not specified a FILES data set name, such as the case of the COMBINE command. No database with the DBID (nnn) could be found in the ADSDC650 control table.

Action:

The operation fails. Verify the STEPLIB contains the expected ADSDC650 load module.

4456

SPACE ESTIMATES ASSUME (nn)% SATURATION OF USED BLOCKS

Reason:

The COMBINE utility by default assumes that used blocks in a given database are 80% full. In a COMBINE operation, the sending database's used blocks are assumed to be 80% full, thus the required block count is 80% of the used block count. Conversely, the receiving database's used block count is assumed to contain 20% free space. The free space in the receiving database is computed to be the free block count plus 20% of the used block count.

Action:

This is an informational message only.

4457

ESTIMATING DBID=(nnn) REQUIRES (xxx) DATA AREA BLOCKS AND (yyy) INDEX BLOCKS

Reason:

The COMBINE utility has estimated the total space requirements for the data and index area data sets for the sending database (nnn).

Action:

This is an informational message only.

4458

THE DATA AREA OF INTO=(nnn) IS NOT LARGE ENOUGH TO CONTAIN THE FILES DATA

Reason:

The COMBINE command has used the block counts of the sending database to estimate the number of blocks required for the data area data set. It estimates that you will need more space. See the preceding 4457 message for the number of blocks required.

Action:

Either increase the primary space allocation of the data area data set or ensure there is enough secondary space to fulfill the requirements and use the FORCE parameter on the COMBINE command.

4459

THE INDEX AREA OF INTO=(nnn) IS NOT LARGE ENOUGH TO INDEX THE FILES DATA

Reason:

The COMBINE command has used the block counts of the sending database to estimate the number of blocks required for the index area data set. It estimates that you will need more space. See the preceding 4457 message for the number of blocks required.

Action:

Either increase the primary space allocation of the index area data set or ensure there is enough secondary space to fulfill the requirements and use the FORCE parameter on the COMBINE command.

4460

UNABLE TO BUILD DATABASE LIST

Reason:

The database list must be constructed before the database(s) can be accessed. See the preceding 4455 error messages for details.

Action:

The operation fails with a U100 abend.

4461

THE DBID= AND INTO= PARAMETERS CANNOT SPECIFY THE SAME DBID

Reason:

You cannot combine a database into itself. The COMBINE command requires combining one database into another separate database.

Action:

Specify two different databases on the DBID= and INTO= control parameters.

4462

ESTIMATING INTO=(nnn) HAS (xxx) DATA BLOCKS AND (yyy) INDEX BLOCKS AVAILABLE

Reason:

The COMBINE utility has estimated the total space availability in the data and index area data sets for the receiving database (nnn).

Action:

This is an informational message only.

4463

DATABASE IS BEING BACKED UP, WAITING/RETRY ACCESS, DB LIST: (XX) (YY)

Reason:

The job was attempting to open the CADisk database, but the DBBKSTAT job is currently being used to make a static backup of the database. No other task is allowed to have the database open while a static backup is being made. Since this will most likely be a temporary condition, CADisk will automatically go into a retry loop where it attempts to open the database every 10 seconds. This message is issued as a WTO and is also written to the MSGPRINT data set. Accompanying this message is message 4464 which is issued as a WTOR giving the MVS console operator the option to cancel the retry. The list of databases being accessed is appended to the end of the message.

4464

REPLY "CANCEL" TO TERMINATE THIS JOB

Reason:

This WTOR message accompanies the 4463 MVS console message. This gives the operator the option of ending the job that is in the retry loop. Typically, the operator should not reply to this message. When the static backup completes, the database will be made available and the task will resume normal operations.

Action:

Normally, no action is required. However, if the database is disabled for other reasons and will not be available soon, and then reply cancel to this WTOR.

4465

INVALID RESPONSE

Reason:

The MVS console operator has replied to a WTOR, but the reply was not valid in the context. The WTOR will be reissued.

Action:

Observe the associated WTOR that immediately follows this WTO.

4466

DSNAME (ddd) WAS MIGRATED TO (vvv) COPY FILE ON (ttt) EXPDT= (xxx) FILE SEQUENCE NUMBER = (nn)

Reason:

CADisk is displaying this information in response to a LIST command. No further action is required.

Action:

No action is required.

4467

PURGED DSNAME=(ddd) ON (vvv) COPY FILE ON (ttt) EXPDT= (xxx) FILE SEQUENCE NUMBER = (nn)

Reason:

CADisk is displaying this information in response to a PURGE command. The described data set was removed from the MIGRECAT sub-file. No further action is required.

Action:

No further action is required.

4468

ERROR PURGING DSNAME=(ddd) ON (vvv) COPY FILE ON (ttt) EXPDT= (xxx) FILE SEQUENCE NUMBER = (nn)

Reason:

CADisk attempted to remove the described data set from the MIGRECAT sub-file, but it failed with an error. The described data set was not removed from the MIGRECAT sub-file. The error should be described in a prior message. Correct the error and rerun.

Action:

Correct the error and rerun.

4469

PURGE (ccc) CRITERIA NOT MET FOR DSNAME=(ddd) ON (vvv) COPY FILE ON (ttt) EXPDT= (xxx) FILE SEQUENCE NUMBER = (nn)

Reason:

CADisk was instructed to remove the described data set from the MIGRECAT sub-file, but the criteria mentioned (either DATE or CATALOG) was not met. The described data set was not removed from the MIGRECAT sub-file. If you want to over-ride the criteria, rerun the job and specify NOEXP to ignore the expiration date or NOCAT to ignore the catalog status.

Action:

If you want to over-ride the criteria, rerun the job and specify NOEXP to ignore the expiration date or NOCAT to ignore the catalog status.

4470

THE "REMOVE" PARAMETER WAS SPECIFIED ON THE "EXTEND" COMMAND.

Reason:

On a CADisk BILLING EXTEND command the REMOVE parameter was specified. This parameter instructs the EXTEND processing to delete the BILLING records after it reports on them. This is an informational message and no action is necessary.

Action:

This is an informational message and no action is necessary.

4471

****WARNING** THE "RESTART" DD STATEMENT IS DEFINED AS "DD DUMMY". THE BILLING INFORMATION WILL NOT BE UPDATED.**

Reason:

In a CADisk BILLING the RESTART data set was defined as DUMMY. The RESTART data set holds information that is used to update the BILLING sub-file. Making the data set DUMMY prevents the sub-file from being updated. It will be necessary to define the RESTART data set as a DASD data set if you want the BILLING sub-file updated. It is preferable to run in SIMULATE mode if you do not want the BILLING sub-file to be updated.

Action:

It will be necessary to define the RESTART data set as a DASD data set if you want the BILLING sub-file updated. It is preferable to run in SIMULATE mode if you do not want the BILLING sub-file to be updated.

4472

DATABASE CAN NOW BE ACCESSED

Reason:

The DBBKSTAT job has completed and the database became available. The open has completed successfully and normal processing has now resumed.

Action:

This is an informational message only.

4473

DATABASE IS BEING BACKED UP, BUT MAY BE AVAILABLE SOON, DB LIST: (xx) (yy)

Reason:

The TSO command or ISPF function was attempting to open the CADisk database, but the DBBKSTAT job is currently being used to make a static backup of that database. No other task is allowed to have the database open while a static backup is being made. This will most likely be a temporary condition. Accompanying this message is message 4474 which will give you the option of retrying or not. The list of databases being accessed is appended to the end of the message.

Action:

This is an informational message only.

4474

DO YOU WANT RETRY? (Y/N)

Reason:

This TSO message accompanies message 4473. You have the option of allowing CADisk to continue retrying the open until is succeeds.

Action:

If you reply n then the open will fail. You can try again later. Since the lockout caused by the static backup is a temporary condition, you can choose to wait for the database to become free by replying y. CADisk will go into a retry loop where it attempts to open the database every 5 seconds. At any time, you can press the ATTN key to interrupt the retry logic.

4475

CANCELLED DUE TO OPERATOR REQUEST

Reason:

The MVS consol operator has replied cancel to the 4464 WTOR.

Action:

The retry loop is terminated and the open will fail with RC=88. This will typically cause the job step to fail.

4476

DATABASE IS STILL UNAVAILABLE [,PRESS ATTN KEY TO STOP RETRYING]

Reason:

You replied y to the 4474 message. CADisk has been retrying the open every 5 seconds. Every twelve tries (roughly every minute), this message will be displayed to indicate CADisk is still retrying. In this mode, the optional clause PRESS ATTN KEY TO STOP RETRYING is present. If you press the ATTN key, this message will be displayed simply as DATABASE IS STILL UNAVAILABLE and you will have the option of ending the retry attempts or resuming them when message 4474 is presented again.

Action:

This is an informational message only.

4477

ATTENTION DETECTED, TERMINATING THE RETRY CYCLE

Reason:

The TSO user has pressed the ATTN key while CADisk was attempting to open a database which is temporarily unavailable. The retry logic waits five seconds between open attempts. When the ATTN is pressed, the notification is posted immediately, but it will not be detected until the next retry cycle begins, so it may by a few seconds before the 4476 and 4474 messages are displayed.

Action:

This is an informational message only.

4478

FILES OR MFILES DD MUST BE SPECIFIED

Reason:

A CADisk process was attempting to access FILES data, but neither the FILES DD nor the MFILES DD statement is allocated. Either a FILES or MFILES DD must be specified for the FILES open logic to determine whether the FILES data set or the FILES database is to be accessed.

Action:

The open fails. Specify either FILES or MFILES and try the CADisk process again.

4479

ERROR FROM OPAISTAT FOR STATE=(status), R15=(rc), R0=(rs)

Reason:

Installation or removal of the catalog SVC intercept by DMSAR attempted to communicate the change in status to OPS/MVS and received an unexpected error return code from the OPAISTAT macro.

Action:

Correct the errors described in previous error messages. The installation or removal of the DMSAR catalog SVC intercept continued on independently and its success or failure was reported in other messages.

4482

EXPDT INVALID FORMAT=(nnnnnnnn), DESC=(DDDD)

4482

EXPDT SET TO DEFAULT=99365, DSN=(ddddd)

Reason:

The VSAM cluster expiration date was formatted incorrectly for DSN ddd with description DDDD; the format nnnnnnn is expected to be packed with a sign format.

Action:

Message 4482 is meant as a warning only that the cluster EXPDT was formatted incorrectly and that CADisk defaulted to 99365. The Restore continues to run for completion. If the EXPDT of 99365 is not acceptable, then the date should be changed. For further assistance, or if you receive more than a few isolated messages, contact CA Technical Support.

4484

CSI INQ FAILED- DSN=(ddddd) RC= 255 RS= 0 RSNBF=(rsnbf)

Reason:

The CSI INQ for DSN=ddddd failed with RC=255 and a LOCATE was done as an alternative. The job should run OK for completion, but performance may be affected.

Action:

If message 4484 is issued during IXMAINT processing, the CSIINQ introduced for increased performance has failed. Even if the LOCATE completed with RC=0, CA Technical Support should be notified so that the catalog problem can be resolved and resulting performance problems can be addressed.

4485

CHECK CMD PARMS NEWHLQ OR NEWHLQ2- NEW DATA SET EXCEEDS 44 CHARS

4485

DSN=(ddddd) RC= (rc)

4485

CMD PARMS NEWHLQ OR NEWHLQ2 REQUIRE MINIMUM OF 2 OR 3 NODES

4485

DSN=(ddddd) RC= (rc)

Reason:

The command parameters NEWHLQ and/or NEWHLQ2 for FMS RECOVER caused the resulting data set to exceed 44 characters. The original data set had fewer than two nodes for NEWHLQ or three nodes for NEWHLQ2.The Job is terminated with RC=8. This applies only to non-VSAM data sets. VSAM data sets will get a catalog error with RC=8 RSN=52 Duplicate Data Set and no Message 4485.

Action:

When Message 4485 is issued during FMS RECOVER, the usage of command parameters NEWHLQ (node1) and/or NEWHLQ2 (node 2) is in question. NEWHLQ2 may be used in conjunction with NEWHLQ. Be careful that using these parameters does not cause the data set name to exceed 44 characters. For VSAM data sets, you must allow for additional room to append low level qualifiers for components like data, index, AIX, or path.

4486

DSN = (ddd) ON VOLSER = (vvvvvv)

4486

NOT SELECTED - LOGICAL LAST VOL IS NOT SAME AS PHYSICAL LAST VOL

Reason:

This message indicates that there are no idle spaces that can be released for data set (ddd) on volume (vvvvvv). The reason is that (vvvvvv) is not the last physical volume.

Action:

This is an informational message.

4487

SCRATCH EXCLUSIVE ENQ FAILED FOR (ddd) ON (vvvvvv)

Reason:

This message indicates that the data set (ddd) on volume (vvvvvv) cannot be scratched when CADisk USERSENQ user exit is active. The data set may be in use by another task.

Action:

This is an informational message.

4492

No Files Data Set associated with FILES-DD statement

Reason:

DUMMY was specified for the FILES-DD but the command in effect requires an actual files data set.

Action:

Change the specification for the FILES-DD from DUMMY to a files data set.

4493

I/O ERROR OCCURRED WHILE READING HOME ADDRESS ECB= (eee)

Reason:

This message indicates the attempt to read a home address and the channel program has terminated with an error. The ECB value shows an EXCP completion code.

Action:

The ECB completion code is presented in hexadecimal format. See the *IBM System/370 Reference Summary* for an explanation. For assistance, contact CA Technical Support.

4494

ATTEMPT TO CHANGE THE STATUS OF AN ALREADY ENQD DATA SET FROM SHR TO EXCL FOR JES3 RESOURCE. DSN=(dsname)

Reason:

During Archive when the data set is scratched and recataloged, the ENQ is changed from SHR to EXCL. If this is a JES3 resource, the ENQ change is not allowed for the DSN=(dsname).

Action:

None, the data set is archived with warning RC=4.

4496

ARCHBDEL DSN=ddd FROMVOL=volser VERS=nnn

Reason:

ARCHBDEL macro was executed in order to delete a DFSMShsm backed up data set. The data set name was (ddd), version (nnn) from source volume (volser).

Action:

None. This is an informational message.

4497

ARCHBDEL DSN=ddd VERS=nnn

Reason:

ARCHBDEL macro was executed in order to delete a DFSMShsm backed up data set. The data set name was (ddd), version (nnn).

Action:

None. This is an informational message.

4498

ARCHDEL DSN=ddd

Reason:

ARCHDEL macro was executed in order to delete a DFSMShsm migrated data set. The data set name was (ddd).

Action:

None. This is an informational message.

4499

ARCHRCOV DSN=*dsn* VERS=*version* FROMVOL=*volser*

Reason:

ARCHRCOV macro was executed in order to recover a DFSMShsm backed up data set. The data set name was *dsn*, *version* from source volume *volser*.

Action:

None. This is an informational message.

4499

ARCHRCOV DSN=*dsn* VERS=*version* FROMVOL=*volser* TEST=YES

Reason:

ARCHRCOV macro was not executed but the syntax was checked. The data set name was *dsn*, *version* from source volume *volser*.

Action:

None. This is an informational message.

4499

ARCHRCOV DSN=*dsn* VER=*version* FROMVOL=*volser* TOVOL=*targetvolser*

Reason:

ARCHRCOV macro was executed in order to recover a DFSMShsm backed up data set. The data set name was *dsn*, *version*, from source volume *volser,* and the target volume was *targetvolser*.

Action:

None. This is an informational message.

4499

ARCHRCOV DSN=*dsn* VER=*version* FROMVOL=*volser* TOVOL=*targetvolser* NEWNAME=*newdsn*

Reason:

ARCHRCOV macro was executed in order to recover a DFSMShsm backed up data set. The data set name was *dsn*, *version*, from source volume *volser,* to target volume *targetvolser,* with new name *newdsn*.

Action:

None. This is an informational message.

4499

ARCHRCOV DSN=*dsn* VER=*version* FROMVOL=*volser* NEWNAME=*newdsn*

Reason:

ARCHRCOV macro was executed in order to recover a DFSMShsm backed up data set. The data set name was *dsn*, *version*, from source volume *volser,* with new name *newdsn*.

Action:

None. This is an informational message.

Messages 4500- 4599

4500

ARCHRCOV DSN=*dsn* VERS=*version*

Reason:

ARCHRCOV macro was executed in order to recover a DFSMShsm backed up data set. The data set name was *dsn*, version *version*.

Action:

None. This is an informational message.

4500

ARCHRCOV DSN=*dsn* VERS=*version* TOVOL=*version* UNIT=*unit_type*

Reason:

ARCHRCOV macro was executed to recover a data set backed up by DFSMShsm. The data set name was *dsn*, version *version*. Parameters TOVOL and UNIT were added due to failure to recover to the source volume.

Action:

None. This is an informational message.

4500

ARCHRCOV DSN=*dsn* VERS=*version* TEST=YES

Reason:

ARCHRCOV macro was not executed but the syntax was checked. The data set name was *dsn*, version *version*.

Action:

None. This is an informational message.

4500

ARCHRCOV DSN=*dsn* VERS=*version* TEST=YES TOVOL=*version* UNIT=*unit_type*

Reason:

ARCHRCOV macro was not executed but the syntax was checked. The data set name was *dsn*, version *version*. Parameters TOVOL and UNIT were added due to failure to recover to the source volume.

Action:

None. This is an informational message.

4500

ARCHRCOV DSN=*dsn* VER=*version* TOVOL=*targetvolser*

Reason:

ARCHRCOV macro was executed in order to recover a DFSMShsm backed up data set. The data set name was *dsn*, version *version,* and target volume *targetvolser*.

Action:

None. This is an informational message.

4500

ARCHRCOV DSN=*dsn* VER=*version* NEWNAME=*newdsn*

Reason:

ARCHRCOV macro was executed in order to recover a data set backed up by DFSMShsm. The data set name was *dsn*, version *version,* and new name *newdsn*.

Action:

None. This is an informational message.

4500

ARCHRCOV DSN=*dsn* VER=*version* TOVOL=*targetvolser* NEWNAME=*newdsn*

Reason:

ARCHRCOV macro was executed in order to recover a DFSMShsm backed up data set. The data set name was *dsn*, version *version*, target volume *targetvolser,* and new name *newdsn*.

Action:

None. This is an informational message.

4501

ARCHRCAL DSN=*dsn* TEST=YES

Reason:

ARCHRCOV macro was executed in test mode. The syntax was checked but the DFSMShsm migrated data set was not recalled. The data set name was *dsn*.

Action:

None. This is an informational message.

4501

ARCHRCAL DSN=*dsn*

Reason:

ARCHRCAL macro was executed in order to recall a DFSMShsm migrated data set. The data set name was *dsn*.

Action:

None. This is an informational message.

4501

ARCHRCAL DSN=*dsn* TOVOL=*version* UNIT=*unit_type*

Reason:

ARCHRCAL macro was executed in order to recall a DFSMShsm migrated data set. The data set name was *dsn*. Parameters TOVOL and UNIT were added as specified by the corresponding SMSVOL/SMSUNIT or NSMSVOL/NSMSUNIT parameters.

Action:

None. This is an informational message.

4501

ARCHRCAL DSN=*dsn* TOVOL=*targetvolser*

Reason:

ARCHRCAL macro was executed to recall a DFSMShsm migrated data set. The data set name was *dsn*. Target volume was *targetvolser*.

Action:

None. This is an informational message.

4502

RC (R15)=xxxxxxxx RS (R0)=yyyyyyyy

Reason:

The return code from the DFSMShsm function was (xxxxxxxx) and Reason Code was (yyyyyyyy).

Action:

Refer to IBM's "DFDSMShsm Managing Your Own Data" manual for information about the meaning of the return and reason codes and required actions.

4503

PROCESSING STARTED FOR VOLUME volser --- DEVICE TYPE tttttttt

Reason:

The DFSMShsm conversion to CADisk process has started for volume (volser), the device type where (volser) was created is (tttttttt).

Action:

None. This is an informational message.

4504

PROCESSING COMPLETE FOR VOLUME volser -- TRACKS REQUIRED ---- *nnnnnn*

Reason:

The DFSMShsm conversion to CADisk process has completed for volume (volser), the number of tracks required to process this volume was (*nnnnnn*).

Action:

None. This is an informational message.

4505

TOTAL TRACKS REQUIRED TO PROCESS THESE VOLUMES ---------- nnnnnn

Reason:

The DFSMShsm conversion to CADisk process has completed for all volumes. The number of tracks required to process all the volumes volume was (nnnnnn).

Action:

None. This is an informational message.

4506

NO VALID COMMAND WAS ENTERED

Reason:

The CADisk command processor did not found a valid command to return to CADisk processing routines. Either the entered command was in error or no command was supplied through the SYSIN DD statement.

Action:

None. This is an informational message.

4507

ONLY 1 OR 2 ARE VALID VALUES FOR ML=

Reason:

A value other than 1 or 2 was entered for migration level, ML=, parameter.

Action:

Enter the appropriate value and resubmit the JCL.

4508

NEWHLQ NAME SPECIFIED IS INVALID

Reason:

The value entered for the new high-level qualifier, NEWHLQ=, parameter failed the syntax check.

Action:

Enter an appropriate value and resubmit the JCL.

4509

INVALID SYNTAX SPECIFIED IN STORGRP=storage group

Reason:

The value entered for the storage group volumes to select failed the syntax check.

Action:

Enter an appropriate value and resubmit the JCL.

4510

ERROR IN JCL SKELETON - MORE THAN 4 CARDS HAVE BEEN CODED FOR THE JOB AND JES2 STATEMENTS

Reason:

The maximum of 4 JCL cards for the job and JES2 statements was exceeded.

Action:

Refer to the appropriate member of the INSTALL library for instructions and required changes.

Resubmit the conversion JCL after making the necessary changes.

4511

ERROR IN JCL SKELETON -THE STEP HAS MORE THAN 10 CARDS CODED

Reason:

The maximum of 10 JCL cards for the step statements was exceeded.

Action:

Refer to the appropriate member of the INSTALL library for instructions and required changes.

Resubmit the conversion JCL after making the necessary changes.

4512

UNABLE TO COMPLETE DFHSM TO CA DISK CONVERSION OF DATA SET ddd DATA SET BYPASSED

Reason:

A matching DSNINDEX record, as created by ADSHC002 or ADSHC003, was not found.

The data set is bypassed due to the missing record necessary to reconstruct the original information, like some of the dates and SMS attributes.

Action:

Verify that the record has not expired by checking the original MCDS / BCDS.

If further assistance is required, contact CA Technical Support.

4513

NUMBER OF VOLUMES PROCESSED ---------- nnnnnn

Reason:

The number of volumes processed is displayed.

Action:

None. This is an informational message.

4514

DSNINDEX DSNEXPDT SET TO 99365 FOR NON-SMS DATA SET ddd

Reason:

The DSNINDEX DSNEXPDT value indicating the number of days data set (ddd) is to be retained in the CADisk archives was set to 99365 (never expire) because the data set expiration was zero.

Action:

The COPIES= parameter in IXMAINT can be used to control the expiration of these data sets. Otherwise, IXUPDATE can be used to set the number of days data set (ddd) is to be retained in the CADisk archives.

4517

VOLUME= OR TOVOLUME= PARAMETER IGNORED FOR PREALLOCATED *dsn*

Reason:

During RECOVER of a SMS control data set with NEWHLQ= and TOVOLUME= parameters or RESTORE of a SMS control dataset with NEWNAME= and VOLUME=, CA Disk ignores these parameters when a target data set *dsn* is preallocated, and places the data set on the preallocated volume. Processing will continue for the data set.

Action:

None. This is an informational message.

4519

DATA SET=ddd VERSION=nnnn FROM VOLUME=volser ALREADY CONVERTED

Reason:

Backup VERSION nnnn of data set ddd that resided in volser has already been converted.

Action:

None. This is an informational message.

4520

DATA SET *dsn* VERSION nnn PREVIOUSLY EXPIRED OR NOT IN THE FDS/FDB. DATA SET NOT CONVERTED

Reason:

Backup VERSION nnn of the data set *dsn* has been previously expired by IXMAINT processing or this version of the data set does not exist in the Files Data Set or Files Data Base. This data set will not be converted.

Action:

None. This is an informational message.

4521

SMSVOL= AND SMSUNIT= HAVE TO BE SPECIFIED TOGETHER.

Reason:

Both parameters SMSVOL= and SMSUNIT= are required, but only one was specified.

Action:

Enter parameters SMSVOL= and SMSUNIT= with appropriate values and resubmit the JCL.

4521

NSMSVOL= AND NSMSUNIT= HAVE TO BE SPECIFIED TOGETHER.

Reason:

Both parameters NSMSVOL= and NSMSUNIT= are required, but only one was specified.

Action:

Enter parameters NSMSVOL= and NSMSUNIT= with appropriate values and resubmit the JCL.

4522

SPECIFIED SMSUNIT= PARAMETER VALUE IS INVALID

Reason:

The value entered for the SMSUNIT= parameter is not supported. The supported values are 3380, 3390, and 9345.

Action:

Correct the SMSUNIT= parameter and resubmit the job.

4522

SPECIFIED NSMSUNIT= PARAMETER VALUE IS INVALID

Reason:

The value entered for the NSMSUNIT= parameter is not supported. The supported values are 3380, 3390, and 9345.

Action:

Correct the NSMSUNIT= parameter and resubmit the job.

4522

SPECIFIED UNIT= PARAMETER VALUE IS INVALID

Reason:

The value entered for the UNIT= parameter is not supported. The supported values are 3380, 3390, and 9345.

Action:

Correct the UNIT= parameter and resubmit the job.

4523

DATA SET ddd IS AN INTEGRATED CATALOG FACILITY CATALOG SO IT WILL BE BYPASSED.

Reason:

Data set ddd is an Integrated Catalog Facility catalog and can not be recovered to new name as required to proceed with the conversion process so it is being bypassed.

Action:

Depends if the catalog exists or not. The catalog will have to be converted separately using a manual process.

4525

USEARCHVOL PARAMETER IS NOT VALID FOR FILES DATA SETS. COMMAND REJECTED

Reason:

Parameter USEARCHVOL can only be specified when a Files Data Base is being processed and is not valid for a Files Data Set.

Action:

Remove the USEARCHVOL parameter and resubmit the job.

4526

PLEASE COPY THE SMP/E TARGET PARMLIB PARMEDIT TO YOUR RUN TIME PARMLIB.

Reason:

This message follows Message 2031 (see page 130) giving more detailed instructions when the PARMLIB PARMEDIT needs to be updated for new or revised sysparms.

Action:

Copy the SMP/E target PARMLIB PARMEDIT to your run time PARMLIB.

4527

CCDRESET RESET RC TO ZERO

Reason:

This message may follow Message 2793 NO CATALOG ENTRIES WERE FOUND FOR DSN when a FIND command selects no data sets, no CRITERIA was used, and there is a non-zero RC reset to zero because sysparm CCDRESET is set to Y.

Action:

CCDRESET sysparm is set to Y. To allow the original RC, change sysparm CCDRESET to N.

4528

DSCLOWRC HAS LOWERED THE RC FROM 8 TO 4

Reason:

No data sets were migrated from DASD to TAPE. The return code is changed from 8 to 4 when sysparm DSCLOWRC is set to Y.

Action:

None. This is an informational message.

4529

NO COMMANDS EXECUTED DUE TO PREVIOUS ERROR

Reason:

No commands were executed due to the error described in the previous message.

Action:

Correct the command in error and resubmit the JCL.

4530

EXPDAYS= USES ONLY ARCHVOLS EXPIRATION DATES WHEN PARAMETER USEARCHVOL IS SPECIFIED. DSNINDEX EXPIRATION DATES ARE NOT CONSIDERED.

Reason:

Parameters EXPDAYS= and USEARCHVOL have been specified together. Only ARCHVOL expiration dates will be used for determining whether the EXPDAYS= value is met. Individual data set expiration dates are not considered to decide which ARCHVOLS will be bypassed due to the EXPDAYS= parameter.

Action:

None. This is an informational message.

4532

ARCHVOL RECORD *key* HAS CHANGED AND WAS NOT DELETED

Reason:

This message is issued after message 2460 (see page 214) when IXMAINT determines the status of the ARCHVOL record has changed and the ARCHVOL record was not deleted.

Action:

None. This is an informational message.

4533

DATA SET *dsn* WAS DEFINED WITH EATTR = *xxx* AND IT IS NOT SUPPORTED ON THIS RELEASE OF Z/OS

Reason:

The VSAM data set *dsn* was originally defined with an EATTR value of *xxx*. The release of z/OS being used to process the data set does not support the EATTR attribute. The EATTR attribute is bypassed for data set creation.

Action:

None. This is an informational message.

4534

NEWNAME PARAMETER IS NOT SUPPORTED FOR HSM RECALL

Reason:

The RESTORE request included the NEWNAME= parameter, which is not supported for DFSMShsm RECALL. The RECALL was not performed.

Action:

Correct the RESTORE parameters and resubmit the request.

4535

OPERATOR MANUALLY TERMINATED THE JOB, ISSUING CONDITION CODE *dd*

Reason:

SYSPARM IXMREPLY is set to Y and the operator manually replies END to the outstanding IXMREPLY message to force manual termination of the IXMAINT job. The condition code is changed to 0004 if original Condition Code is zero.

Action:

Review the IXMAINT job to verify the results of manual termination of the IXMAINT job.

4536

WARNING – DSN=*dsn* DFSMSHSM MCCGEN EXCEEDED 999 - VERS=*version* WAS

USED

Reason:

Field MCCGEN holding the backup version number in the BCDS for data set *dsn* is larger than 999. HRECOVER VERSION parameter supports values 1 to 999.

Action:

Review IBM's OA28434 APAR for information about errors in MCCGEN.

4537

INITIALIZATION OF HEALTH CHECKS FAILED DUE TO JOBSTEP NOT AUTHORIZED

Reason:

The job attempted to initialize the CA Disk Health Checks, but the job step was not running as an authorized program.

Action:

Verify the following:

- The program being executed is link-edited with AC=1.
- All the libraries in the JOBLIB or STEPLIB are in the APF data set list.

Ignore this message if the job step is not intended to be run authorized. Because, the CA Disk Health Checks will be initialized when an authorized CA Disk job runs.

4538

INITIALIZATION OF HEALTH CHECKS FAILED: MODULE *modname* FAILED WITH RC=*returncd* RS=*reasoncd*

Reason:

The job attempted to initialize the CA Disk Health Checks, but the program module *modname* failed with return code *returncd* and reason code *reasoncd*.

Action:

Contact CA Technical Support for assistance.

4539

CA HEALTH CHECKER ADD FAILED, MODULE= *modname* RC= *returncd* RSN= *reasoncd*

Reason:

The job attempted to add a CA Disk Health Check, but the add call for program *modname* failed with return code *returncd* and reason code *reasoncd*.

Action:

Contact CA Technical Support for assistance.

4540

CA HEALTH CHECKER ADDED: *checkname* OWNER=*ownertoken* TOKEN=*chktoken*

Reason:

The job successfully added the CA Disk Health Check *checkname* and the assigned tokens were *ownertoken* and *chktoken*. The tokens are diagnostic information assigned by the CA Health Check function.

Action:

None. This is an informational message.

4541

CA HEALTH CHECKER INITIALIZATION FAILED, RC= *returncd* RSN= *reasoncd*

Reason:

The job attempted to initialize the CA Disk Health Checks, but the initialization call failed with return code *returncd* and reason code *reasoncd*.

Action:

Contact CA Technical Support for assistance.

4542

CA HEALTH CHECKER INITIALIZED: OWNER=*ownertoken*

Reason:

The job successfully initialized the CA Disk Health Checks and the assigned token was *ownertoken*. The token is diagnostic information assigned by the CA Health Check function.

Action:

None. This is an informational message.

4543

CA HEALTH CHECK: *checkname* OWNER=*ownertoken* DELETE-CHK FAILED, RC= *returncd* RSN= *reasoncd*

Reason:

The job attempted to remove the CA Disk Health Check *checkname* with the assigned Owner token of *ownertoken*, but the delete call failed with return code *returncd* and reason code *reasoncd*. The token is diagnostic information assigned by the CA Health Check function.

Action:

Contact CA Technical Support for assistance.

4544

CA HEALTH CHECK: *checkname* OWNER=*ownertoken* DELETED

Reason:

The job successfully removed the CA Disk Health Check *checkname* with the assigned Owner token of *ownertoken*. The token is diagnostic information assigned by the CA Health Check function.

Action:

None. This is an informational message.

4545

CA HEALTH CHECKER TERMINATION FAILED, RC= *returncd* RSN= *reasoncd*

Reason:

The job attempted to terminate the CA Disk Health Checks, but the terminate call failed with return code *returncd* and reason code *reasoncd*.

Action:

Contact CA Technical Support for assistance.

4546

CA HEALTH CHECKER TERMINATED: OWNER=*ownertoken*

Reason:

The job successfully terminated the CA Disk Health Checks with the assigned Owner token of *ownertoken*. The token is diagnostic information assigned by the CA Health Check function.

Action:

None. This is an informational message.

4547

DESERV FOR *library* RETURNED WITH R15= *returncd* AND R0= *reasoncd*

Reason:

A DESERV macro was issued to retrieve information from *library,* but it failed with return code *returncd* and reason code *reasoncd.*

Action:

Contact CA Technical Support for assistance.

4549

MCDS RECORD FOR dsn BYPASSED BECAUSE NO MIGRATE COPY EXISTS OR IT IS INVALID

Reason:

The MCDS record for data set dsn was bypassed due to being flagged as an invalid migrated data set.

Action:

None. This is an informational message.

4550

MCD RECORD FOR DSN= dsn NOT DELETED DUE TO CATALOG ENTRY OTHER THAN MIGRAT.

Reason:

The MCDS record for data set dsn was not deleted due to dsn being cataloged to a VOLSER other than MIGRAT.

Action:

None. This is an informational message.

4553

VALUE OF SYSPARM BTEITAPE IS xxx

IT MUST BE ONE OF THE VALUES PRIM, COPY, BOTH, OR A COMBINATION OF THREE CHARACTERS OF Y OR N

Reason:

The sysparm BTEITAPE was specified with a value of 'xxxx' but the format of the parameter is incorrect.

Action:

Correct the sysparm and resubmit the job.

4554

THE OLD FORAT OF SYSPARM BTEITAPE WAS SPECIFIED BUT A TERTIARY OUTPUT DATA SET WAS REQUESTED. TERTIARY OUTPUT IS NOT ENCRYPTED.

Reason:

The sysparm BTEITAPE was not specified with the Y/N values for Tape Encryption to manage all three output volumes, primary, copy and tertiary. The tertiary output was not encrypted.

Action:

If tertiary encryption is wanted, correct the sysparm and resubmit the job. Otherwise no action is needed.

4555

VALUE OF THE EXEC PARAMETER IS "xxxx". IT MUST BE ONE OF THE VALUES "COPY" OR "TERT"

Reason:

An incorrect PARM= value was specified on the EXEC statement for the program ADSDM227, the Archive Tape Copy Utility program.

Action:

Specify COPY to create copy archvols or TERT to create tertiary archvols.

4558

VOLUME nnnnnn ALREADY HAS A COPY VOLUME. COPY REQUEST REJECTED.

Reason:

The Archive Tape Copy Utility program was requested to make a copy of volume nnnnnn. However a copy already exists. The volume is bypassed.

Action:

If copy is wanted, use the copy key volume as input and resubmit the job. Otherwise no action is needed.

4559

SYSPARM RESCOPYT SPECIFIED AS Y AND RESCOPYS SPECIFIED AS C, ONLY COPIES WILL BE USED.

Reason:

RESCOPYT was specified as Y to use a copy archvol. RESCOPYS was set to non-default value of C. Both settings limit the selection of archvols to copies.

Action:

None. This is an informational message.

4560

SYSPARM RESCOPYT SPECIFIED AS T AND RESCOPYS SPECIFIED AS T, ONLY TERTIARIES WILL BE USED.

Reason:

RESCOPYT was specified as T to use a tertiary archvol. RESCOPYS was set to non-default value of T. Both settings limit the selection of archvols to tertiaries.

Action:

None. This is an informational message.

4561

SYSPARM RESCOPYS MUST BE SPECIFIED AS Y, N, P, C, OR T. CORRECT IT AND RERUN.

Reason:

RESCOPYS was specified incorrectly.

Action:

Correct the sysparm and resubmit the job.

4562

SYSPARM RESCOPYT MUST BE SPECIFIED AS N, Y, OR T. CORRECT IT AND RERUN.

Reason:

RESCOPYT was specified incorrectly.

Action:

Correct the sysparm and resubmit the job.

4563

ddd ON vvvvvv BYPASSED BECAUSE DATA SET IS AN UNCATALOGED SMS PDSE

Reason:

CADisk does not support logical backup of uncataloged SMS PDSE data sets.

Action:

Exclude or catalog the data set.

4565

aaaaaa MISSING FROM MULTIVOL CHAIN. THE PRECEDING ARCHVOL is bbbbbb

Reason:

ARCHVOL aaaaaa cannot be found in a multivol ARCHVOL chain. The preceding volser in the chain is bbbbbb.

Action:

No action is required for the current job, but identifying the ARCHVOL chain and correcting the missing volsers is recommended. Message 4573 (see page 683) may also appear in MSGPRINT.

4566

INCONSISTENCY FOUND BETWEEN DCE AND F4DSCB. DCE TOTTRKS=aaaa, F4 TOTTRKS=bbbb, F4 TOTTRKS WILL BE USED

Reason:

An inconsistency was found between F4DSCB and DCE. The definition in F4DSCB was used to do VBACKUP.

Action:

No action is required but eliminating the inconsistency is recommended.

4567

action PROCESSING OF DATASET ddd BYPASSED DUE TO GDG SEQUENCING CONCERNS

Reason:

A DSCL action command action bypassed data set ddd because it attempted to implicitly process a GDG that could not be recatalogued without changing the relative sequence of the generations.

Action:

This is an informational message.

Note: For more information, see the section GDG Data Sets and Generation Wrapping in the *User Guide*.

4568

SAMS:SELECT MANAGED DATA SET CANNOT BE RESTORED, DSN=dsn

Reason:

A SAMS:SELECT managed data set has been encountered. This release of [set to your product name] does not support SAMS:SELECT. The data set must be restored using an earlier version of [set to your product name] that supported SAMS:SELECT.

Action:

The data set is bypassed for restore and the job continues.

4569

THE ATTEMPT TO REOPEN THE DATABASE DUE TO MUF EOJ FAILED

Reason:

A job that was using a Datacom FILES Database determined that the MUF being used was directed to terminate, and the CA Disk SYSPARM DCOMFAIL was set so that a Reopen was attempted, but the Reopen failed.

Action:

Review the CA Datacom MUF messages in the JOB log and take action as appropriate to correct the indicated problems.

4570

REPLY 'END' TO TERMINATE HSMGEN# PROCESSING

Reason:

You can optionally specify a system parameter HSMREPLY that allows the computer operator to terminate HSMGEN1 or HSMGEN2 conversion jobs before completion (a graceful shutdown). Message 4570 is issued to the operator at the beginning of the HSMGEN1 or HSMGEN2 conversion process. This option permits you to start HSMGEN1 or HSMGEN2 conversions and run until the resources are needed for something else. Thus HSMGEN1 or HSMGEN2 conversions can be run in otherwise unused machine time.

Action:

If the operator replies to the message to indicate that HSMGEN1 or HSMGEN2 conversion processing is to be stopped, a response of 'END' terminates the job at the end of the current record. Processing completes normally, and all reports and statistics are generated as normal.

4571

EXECUTION ENDING DUE TO DATACOM MUF TERMINATION

Reason:

A job that was using a Datacom FILES database determined that the MUF being used was directed to terminate, and the CA Disk SYSPARM DCOMFAIL was set so that a shutdown of the CA Disk job was requested. This caused the job to gracefully terminate when the current unit of work (data set, for example) was complete.

Action:

Resubmit the job and it should resume processing.

4573

UNABLE TO REPLACE ARCHVOL KEY aaaaaa. THE ORIGINAL ARCHVOL is bbbbbb.

Reason:

ARCHVOL aaaaaa cannot be found in a multivol disk ARCHVOL chain bbbbbb, so new disk ARCHVOL key cannot be assigned.

Action:

No action is required for the current job, but identifying the ARCHVOL chain and correct the missing volsers is recommended. Message 4565 (see page 681) may also appear in MSGPRINT.

4574

EOT (RECORD TYPE "Z") FOUND FOR FILE NBR = (nnn). COMPLETE DATA SET WRITTEN TO DIFFERENT ARCHVOL.

Reason:

This warning message indicates that an EOT record was found. The record indicates that CA Disk got an EOF return code while writing the data set to the archive media. The data set was started over and written to a different volume.

Action:

None. This is an informational message.

4575

COMMAND REJECTED- PATTERN NOT ALLOWED IN DSNAME-USE EXPLICIT NAME

Reason:

While the IXUPDATE utility is running, a pattern name is used for DSNAME.

Action:

Use the explicit name, and then resubmit the request.

4576

DEFERRED GDGS MUST BE EXPLICITLY RESTORED USING THE RESTORE COMMAND, DSN=dsn BYPASSED.

Reason:

Deferred GDG data sets due to their incomplete nature are bypassed in FMS.

Action:

Restore the archived data set using RESTORE.

4578

***dsn* ON *volser* BYPASSED BECAUSE SYSPARM USEDSSIO IS NOT SET TO ZFS or ***

Reason:

CA Disk selected a zFS data set during BACKUP or ARCHIVE processing. Neither of these commands supports the zFS data set structure.

Action:

Add ZFS or * as a value for the USEDSSIO.

4582

ROLLED OFF GDG DATA SET dsn WAS DELETED BECAUSE BASE HAS SCRATCH ATTRIBUTE.

Reason:

When a rolled off GDS is processed for backup or archive and another job is creating a generation in the GDG, the product issues this message. The operating system was forced to roll off the GDS rather than scratch it at job termination. CA Disk did not hold an ENQ on the base because ENQGDGBY was set to Y. This allows creation of a new generation. At disposition time, the product sees this condition and scratches the generation.

Action:

None. This is an informational message.

4583

DSNAME (dsn) EXISTS FOR ARCHIVE KEY (kkkkkk) BUT NO VOLUME SEQUENCE 1 WAS FOUND.

Reason:

An ARCHVOL record that key (kkkkkk) identifies has the same data set name as the input. This record is not a volume sequence 1 and a volume sequence 1 cannot be found.

Action:

Verify that no special maintenance to archive volume records caused the error. Use the LISTV report to verify the status of the records. Use the REPARCH utility to delete the invalid entries and the REBUILD utility to rebuild the proper entries.

See Repair Archvols (REPARCH) Utility in the [set to your product name] Systems Guide and Archive Index Rebuild Utility in the [set to your product name] User Guide for more information. See the LISTV report in the [set to your product name] User Guide.

4590

DSNNAME (dsn) MODIFIED AFTER HSM RECALL, BYPASSING ARCHIVE

Reason:

The data set HSMGEN1 is processing was recalled and modified after CREATEFD was run. The modified data set is not archived.

Action:

No action is required. The Standard ARCHIVE processing selects the data set eventually.

4591

DSNINDEX RECORD DELETED

Reason:

A DSNINDEX record corresponding to a data set that is not needed is deleted. The data set was recalled and modified after CREATEFD was run.

Action:

No action is required.

4592

DSNINDEX RECORD DELETE FAILED

Reason:

The delete of a DSNINDEX record failed. The record corresponds to a data set no longer needed. The data set was previously recalled and modified after CREATEFD was run.

Action:

Contact CA Technical Support for assistance.

4597

DATA SET dsn BYPASSED FOR PROCESSING DUE TO GDG SEQUENCE CONCERN

Reason:

During MOVE, the required DELETE/NOSCRATCH of a GDS results in the wrap bit being turned off for some of the wrapped GDSs. The turning off the wrap bit causes the GDSs to be out of sequence.

Action:

This is an informational message. For more information, see GDG Data Sets and Generation Wrapping in the User Guide.

4598

MOST RECENT INDEX RECORD FOR DATA SET=dsn IS NOT FOR AN HSM MIGRATED DATA SET

Reason:

A more recent DSNINDEX record than the one generated by the CREATEFD job was found. The (dsn) is already recalled and backed up or archived by CA Disk. The HSM migrated copy is not a candidate for conversion and the data set is bypassed.

Action:

None. This is an informational message.

Messages 5000-5099

5034

CA-DATACOM MULTI-USER FACILITY IS NOT CURRENTLY AVAILABLE

Reason:

An attempt was made to open a FILES Data Base using the Datacom MUF, but the open failed due to the MUF not being active.

Action:

Ensure that the MUF has been started and is available for processing, and then restart the job.

Messages 9900-9999

9997

ERROR IN FILES DATA SET - SUB FILE = SUBFILE

Reason:

A subfile block chain is broken, and processing cannot continue resulting in a U0100 ABEND. While reading through the data blocks, a pointer was found to contain zeros though more blocks exist in the subfile.

Action:

Provide the output of the job, including the dump, to CA Technical Support.

9998

RECENTNO WAS ZERO AFTER STORE DELETE

Reason:

A program error has occurred during the delete of a record in the Files Data Set. The message is issued, along with a U0100 ABEND.

Action:

Provide the output of the job, including the dump, to CA Technical Support.

9999

(ccc)

Reason:

This is an internal CADisk processing error. (ccc) is the text of the message. It indicates the nature of the error.

Action:

Contact CA Technical Support for assistance. Before contacting CA CA Technical Support, have the following information available:

- JCL listing for the run that failed.
- CADisk command statements entered.
- CADisk generated output.
- Supply a SYSUDUMP DD statement and, if a dump is created, have it.

Chapter 4: Dynamic Interface Manager

Messages DIM000-DIM099

DIM000I

DYNAMIC INTERFACE MANAGER ccc

Reason:

This message merely announces that the dynamic interface manager is running.

DIM001I

SYNTAX ON EXEC CARD PARM

Reason:

The syntax of the parameters specified on the PARM= parameter of the EXEC card is invalid.

DIM002I

BAD COMMAND, SPECIFY: STATUS, DUMP, INSTALL, MOVE, REFRESH, MODIFY OR REMOVE

Reason:

The command specified on the PARM= parameter of the EXEC card is invalid. It must be one of the listed values.

DIM004I

<hookname>-HOOK NO FREE SLOTS, RC=8

Reason:

There are no available user SVCs which can be hooked.

DIM005I

SVC(<svcnumber>) IS NOT AVAILABLE FOR DYNAMIC HOOK, <hookname>

Reason:

The indicated SVC is not available to be hooked.

DIM006I

HIGHEST AVAILABLE DYNAMIC SVC SLOT IS SVC(<svcnumber>)

Reason:

The requested SVC number is too high. The indicated SVC number is the highest one available. Choose an SVC number at or below this number.

DIM007I

<hookname>-HOOK IS RETAINED IN CSA; IT HAS A NON-STANDARD PROTOCOL

Reason:

The indicated hook cannot be removed because it uses a non-standard linkage protocol. It was left in CSA memory.

DIM008I

<hookname>-HOOK IS NOT DELETED FROM LAYERED CHAIN, RC=12

Reason:

The indicated hook cannot be removed from the chain.

DIM009I

<hookname>-HOOK IS DETACHED; SECONDARY-SVC AT LOC(<address>)

Reason:

The indicated hook was removed from the chain of SVC routines. The hook *above* the removed hook is located at the listed address.

DIM010I

DYNAMIC INSTALLATION OF SVC(<svcnumber>) HOOK

Reason:

The installation of the indicated hook is in progress.

DIM011I

<hookname>-HOOK IS INSTALLED AND RESIDENT AT LOC(<address>) FOR SIZE(<size>-KBYTES)

Reason:

The indicated hook is currently installed at the indicated address and occupies the indicated number of bytes in CSA memory.

DIM012I

PRIMARY-SVC IS LAYERED AT LOC(<address>)

Reason:

The hook was installed successfully at the indicated address.

DIM013I

<hookname>-HOOK INSTALL FAILED, LOAD RETURN CODE IS 8, FUNCTION=<function>, REASON=<reason>

Reason:

The specified hook cannot be installed. The value of <function> indicates the cause of the failure:

- If <function> is *0004*, the BLDL of the hook name failed.
- If <function> is *0008*, the GETMAIN for the CSA storage to contain the hook failed.
- If <function> is *000C*, the LOAD for the hook module failed.

The value of <reason> is the return code from the failing function. When the value of <function> is "000C", the top bit of the <reason> return code indicates where the hook was being loaded:

- If the top bit is turned off, the LOAD macro was attempting to load the hook into the program region.
- If the top bit is turned on, the LOAD macro was attempting to load the hook into CSA.

Action:

The action depends on the value of <function>. After you have corrected the appropriate error condition, attempt the Install again.

- If <function> is *0004*, verify that the hook module exists in the STEPLIB concatenation.
- If <function> is *0008*, verify that the CSA/ECSA contains enough free storage to load the hook module.
- If <function> is *000C*, look at the IEW4000I or CSVxxxI message that explains why the LOAD failed.

DIM014I

<hookname>-HOOK WAS INTENDED FOR SVC(<svcnumber>)

Reason:

The installation of the indicated hook failed. It was intended to be installed on the indicated SVC number.

DIM015I

<hookname>-HOOK IS ALREADY INSTALLED AT LOC(<address>) LEVEL(<displvl>)

Reason:

The installation of the indicated hook failed because the hook is already installed at the indicated address and level.

DIM016I

<hookname>-HOOK IS ANCHORED AT TABLE LOC(<address>)

Reason:

The indicated hook is installed and anchored or addressed by the SVC table at the listed location.

DIM017I

<hookname>-HOOK IS CHAINED FROM <hookname>-HOOK AT LOC(<address>)

Reason:

The first hook is chained below the second hook at the indicted address.

DIM018I

<hookname>-HOOK CONTAINS INVALID PROTOCOL(<protocol_bytes>) LOC(<address>)

Reason:

The indicated hook does not have a valid protocol. The protocol bytes are listed from the address indicated.

DIM020I

DYNAMIC DEINSTALLATION OF SVC(<svcnumber>) HOOK

Reason:

Removal of the hook of the indicated SVC is in progress.

DIM021I

<hookname>-HOOK IS DETACHED; THE PRIMARY-SVC/HOOK IS AT LOC=<address>

Reason:

The indicated hook was successfully removed. The hook *above* it in the chain is present at the address listed.

DIM022I

<hookname>-HOOK WILL BE RETAINED FOR 8-SECONDS SO THAT ACTIVE USERS MIGHT EXIT ITS CODE

Reason:

The deletion of the indicated hook from CSA memory is being delayed for 8 seconds. This is being done so that other tasks (started tasks, batch jobs, and TSO sessions) that are currently using it can finish executing before it is deleted.

DIM023I

<hookname>-HOOK MODULE IS DELETED FROM CSA

Reason:

The indicated hook has successfully been deleted from CSA memory.

DIM024I

<hookname>-HOOK IS NOT DELETED, RC=12

Reason:

The indicated hook cannot be deleted.

DIM025I

<hookname>-HOOK IS NOT FOUND, RC=8

Reason:

The indicated hook cannot be found.

DIM027I

WAITING FOR <hkname>-HOOK TO DRAIN

WAITING FOR <hkname>-HOOK TO DRAIN min MINUTES

Reason:

You requested to either REMOVE or REFRESH the indicated hook. The hook is busy processing an auto-restore request and the installer has to wait until the hook is no longer busy. The second form of the message is issued after the installer has been waiting for one minute. The count of minutes reflects the time that is elapsed since the installer started to remove the hook.

Action:

None. This message is informational. For a REMOVE, the hook has been made inactive. For a REFRESH, the new hook has been installed and activated but the old hook remains in storage until it is no longer busy.

DIM030I

DYNAMIC REFRESH OF SVC(<svcnumber>) HOOK

Reason:

The refresh of the hook of the indicated SVC is in progress.

DIM050I

DYNAMIC HOOK STATUS FOR SVC(<svcnumber>)

Reason:

The status of the hooks of the indicated SVC follows this message.

DIM051I

<hookname>-HOOK IS INSTALLED AT LOC(<address>) LEVEL(<displvl>)

Reason:

The indicated hook is currently installed at the indicated address and level in the chain.

DIM051I

<hookname>-HOOK IS INSTALLED AT LOC(<address>) LEVEL(<level>) SIZE(<size>-KBYTES)

Reason:

The indicated hook is currently installed at the indicated address and level in the chain, and occupies the indicated number of bytes of CSA memory.

DIM052I

<hookname>-HOOK IS NOT INSTALLED ON SVC(<svcnumber>)

Reason:

The indicated hook cannot be removed because; it is not hooked into the indicated SVC.

DIM060I

DYNAMIC HOOK DUMP FOR SVC(<svcnumber>)

Reason:

A dump of the hooks for the indicated SVC is listed on DDNAME=SVCDUMP.

DIM061I

<hookname>-HOOK DUMP AT LOC=<address>, LEVEL=<level>

Reason:

The indicated hook is dumped on DDNAME=SVCDUMP. The hook is located at the indicated address and is hooked at the indicated level.

DIM062I

<hookname>-HOOK NOT FOUND ON ESR <esrtype> ROUTE CODE: <msgrout>

Reason:

The indicated hook cannot be deleted because it was not found.

DIM062I

<hookname>-HOOK NOT FOUND ON SVC <svcnumber>

Reason:

The indicated hook cannot be deleted because it was not found.

Messages DIM100-DIM199

DIM104I

<hookname> - HOOK NO FREE SLOTS, RC=8

Reason:

The indicated hook cannot be installed because there are no free SVCs.

DIM105I

ESR(<msgrout>) IS NOT AVAILABLE FOR HOOK, <hookname>

Reason:

The indicated ESR hook cannot be installed because the ESR is not available.

DIM106I

HIGHEST AVAILABLE DYNAMIC ESR SLOT IS SVC(<svcnumber>)

Reason:

The indicated ESR hook cannot be installed. The highest available SVC number is listed. Choose a lower number.

DIM107I

<hookname>-HOOK IS RETAINED IN CSA; IT HAS A NON-STANDARD PROTOCOL

Reason:

The indicated hook cannot be removed from CSA memory because it uses a non-standard chaining protocol.

DIM108I

<hookname>-HOOK IS NOT DELETED FROM LAYERED CHAIN, RC=12

Reason:

The indicated hook cannot be removed from the SVC routine chain.

DIM109I

<hookname>-HOOK IS DETACHED; SECONDARY-SVC AT LOC(<address>)

Reason:

The indicated hook was successfully removed from the SVC routine chain. The SVC routine below it is located at the indicated address.

DIM110I

DYNAMIC INSTALLATION OF ESR(<esrtype>,<msgrout>) HOOK

Reason:

The installation of the indicated ESR hook is in progress.

DIM111I

<hookname>-HOOK IS INSTALLED AND RESIDENT AT LOC(<address>) FOR SIZE(<size> -KBYTES)

Reason:

The indicated hook is installed and resident at the location and size indicated.

DIM112I

PRIMARY-SVC IS LAYERED AT LOC(<address>)

Reason:

The hook was successfully installed at the indicated address.

DIM113I

<hookname>-HOOK INSTALL FAILED, LOAD RETURN CODE IS 8, FUNCTION=<function>, REASON=<reason>

Reason:

The specified hook cannot be installed. The value of <function> indicates the cause of the failure:

- If <function> is *0004*, the BLDL of the hook name failed.
- If <function> is *0008*, the GETMAIN for the CSA storage to contain the hook failed.
- If <function> is *000C*, the LOAD for the hook module failed.

The value of <reason> is the return code from the failing function. When the value of <function> is "000C", the top bit of the <reason> return code indicates where the hook was being loaded:

- If the top bit is turned off, the LOAD macro was attempting to load the hook into the program region.
- If the top bit is turned on, the LOAD macro was attempting to load the hook into CSA.

Action:

The action depends on the value of <function>. After you have corrected the appropriate error condition, attempt the Install again.

- If <function> is *0004*, verify that the hook module exists in the STEPLIB concatenation.
- If <function> is *0008*, verify that the CSA/ECSA contains enough free storage to load the hook module.
- If <function> is *000C*, look at the IEW4000I or CSVxxxI message that explains why the LOAD failed.

DIM114I

<hookname-HOOK WAS INTENDED FOR ESR(<esrtype>,<msgrout>)

Reason:

The indicated hook cannot be installed.

DIM115I

<hookname>-HOOK IS ALREADY INSTALLED AT LOC(<address>) LEVEL(<level>)

Reason:

The indicated hook cannot be installed because it is already present at the address and level indicated.

DIM116I

<hookname>-HOOK IS ANCHORED AT TABLE ESR(<svcnumber>)

Reason:

The indicated hook is anchored or pointed to by the SVC table by the SVC indicated.

DIM117I

<hookname>-HOOK IS CHAINED FROM <aftername>-HOOK AT LOC(<address>)

Reason:

The indicated hook is present in the SVC routine chain after the hook and address indicated.

DIM118I

<hookname>-HOOK CONTAINS INVALID PROTOCOL(<dsp_prot>) LOC(<address>)

Reason:

The indicated hook cannot be removed because it has an invalid chaining protocol.

DIM120I

DYNAMIC DEINSTALLATION OF SVC(<esr_type>,<msgrout>) HOOK

Reason:

The removal of the indicated hook is in progress.

DIM122I

<hookname>-HOOK WILL BE RETAINED FOR 8-SECONDS SO ACTIVE USERS MIGHT EXIT ITS CODE

Reason:

The deletion of the indicated hook from CSA memory is being delayed for 8 seconds. This is being done so that other tasks (started tasks, batch jobs, and TSO sessions), which are currently using it, can finish executing before it is deleted.

DIM123I

<hookname>-HOOK MODULE IS DELETED FROM CSA

Reason:

The indicated hook has been deleted from CSA memory.

DIM124I

<hookname>-HOOK IS NOT DELETED, RC=12

Reason:

The indicated hook cannot be deleted from CSA memory.

DIM125I

<hookname>-HOOK IS NOT FOUND, RC=8

Reason:

The indicated hook cannot be found in the chain.

DIM127I

WAITING FOR <hkname>-HOOK TO DRAIN

WAITING FOR <hkname>-HOOK TO DRAIN min MINUTES

Reason:

You requested to either REMOVE or REFRESH the indicated hook. The hook is busy processing an auto-restore request and the installer has to wait until the hook is no longer busy. The second form of the message is issued after the installer has been waiting for one minute. The count of minutes reflects the time that is elapsed since the installer started to remove the hook.

Action:

None. This message is informational. For a REMOVE, the hook has been made inactive. For a REFRESH, the new hook has been installed and activated but the old hook remains in storage until it is no longer busy.

DIM130I

DYNAMIC REFRESH OF ESR(<esr_type>,<msgrout>) HOOK

Reason:

The refresh of the indicated extended SVC is in progress.

DIM150I

DYNAMIC HOOK STATUS FOR ESR(<esr_type>,<msgrout>) HOOK

Reason:

This status of the indicated ESR hook follows this message.

DIM151I

<hookname>-HOOK IS INSTALLED AT LOC(<address>) LEVEL(<displvl>) SIZE(<size>-KBYTES)

Reason:

The indicated hook has been installed at the indicated address and level in the hook chain, and occupies the indicated number of bytes of CSA memory.

DIM152I

<hookname>-HOOK IS NOT INSTALLED ON ESR(<esr_type>,<msgrout>) HOOK

Reason:

The indicated hook of the indicated extended SVC was not found.

DIM160I

DYNAMIC HOOK DUMP FOR ESR(<esr_type,<msgrout>) HOOK

Reason:

A dump of the indicated ESR hook was written to DD=SVCDUMP.

Messages DIM400-DIM499

DIM407I

<hookname>-HOOK IS RETAINED IN CSA; IT HAS A NON-STANDARD PROTOCOL

Reason:

The indicated hook cannot be removed by DIM; because it uses a non-standard linkage protocol. It was left in CSA memory.

Action:

The hook was not installed by DIM. It will be necessary to remove it using the product that installed it.

DIM408I

<hookname>-HOOK IS NOT DELETED FROM LAYERED CHAIN, RC=12

Reason:

The indicated hook cannot be removed from the chain.

Action:

The hook removal will abend. It will be necessary to attempt removal again. If it fails again, contact CA Technical Support for assistance.

DIM409I

<hookname>-HOOK IS DETACHED; SECONDARY-ISC AT LOC(<address>)

Reason:

The indicated hook was removed from the chain of ISC routines. The hook above the removed hook is located at the listed address.

Action:

None. This is an informational message.

DIM410I

DYNAMIC INSTALLATION OF ISC(<iscnumber>) HOOK

Reason:

The installation of the indicated hook is in progress.

Action:

None. This is an informational message.

DIM411I

<hookname>-HOOK IS INSTALLED AND RESIDENT AT LOC(<address>) FOR SIZE(<size>-KBYTES)

Reason:

The indicated hook is currently installed at the indicated address and occupies the indicated number of bytes in CSA memory.

Action:

None. This is an informational message.

DIM412I

PRIMARY-ISC IS LAYERED AT LOC(<address>)

Reason:

The hook was installed successfully at the indicated address.

Action:

None. This is an informational message.

DIM413I

<hookname>-HOOK INSTALL FAILED, LOAD RETURN CODE IS 8,FUNCTION=<function>, REASON=<reason>

Reason:

The specified hook cannot be installed. The value of <function> indicates the cause of the failure:

- If <function> is *0004*, the BLDL of the hook name failed.
- If <function> is *0008*, the GETMAIN for the CSA storage to contain the hook failed.
- If <function> is *000C*, the LOAD for the hook module failed.

The value of <reason> is the return code from the failing function. When the value of <function> is "000C", the top bit of the <reason> return code indicates where the hook was being loaded:

- If the top bit is turned off, the LOAD macro was attempting to load the hook into the program region.
- If the top bit is turned on, the LOAD macro was attempting to load the hook into CSA.

Action:

The action depends on the value of <function>. After you have corrected the appropriate error condition, attempt the Install again.

- If <function> is 0004, verify that the hook module exists in the STEPLIB concatenation.
- If <function> is 0008, verify that the CSA/ECSA contains enough free storage to load the hook module.
- If <function> is 000C, look at the IEW4000I or CSVxxxI message that explains why the LOAD failed.

DIM414I

<hookname>-HOOK WAS INTENDED FOR ISC(<iscnumber>)

Reason:

The installation of the indicated hook failed. It was intended to be installed in the indicated ISC name.

Action:

It will be necessary to rerun the install and specify the correct name into which the hook should be installed.

DIM415I

<hookname>-HOOK IS ALREADY INSTALLED AT LOC(<address>) LEVEL(<displvl>)

Reason:

The installation of the indicated hook failed because the hook is already installed at the indicated address and level.

Action:

No action is necessary if the correct hook is already installed. If the currently installed hook is not the correct level, it will be necessary to uninstall the currently installed hook and install the new one.

DIM416I

<hookname>-HOOK IS ANCHORED AT TABLE LOC(<address>)

Reason:

The indicated hook is installed at the address indicated.

Action:

None. This is an informational message.

DIM417I

<hookname>- HOOK IS CHAINED FROM <aftername>-HOOK AT LOC(<address>)

Reason:

The indicated hook is present in the ISC routine chain after the hook and address indicated.

Action:

None. This is an informational message.

DIM418I

<hookname>-HOOK CONTAINS INVALID PROTOCOL(<dsp_prot>) LOC(<address>)

Reason:

The indicated hook does not have a valid protocol. The protocol bytes are listed from the address indicated.

Action:

The hook was removed.

DIM419I

***hookname*-STUB NOT DELETED. STUB IS ACTIVE.**

Reason:

Unable to remove the *hookname* because there are still active hooks using it.

Action:

The stub remains active but there are no adverse affects. You may attempt to remove the stub again if you are able to remove the hook that is using the stub.

DIM420I

DYNAMIC DEINSTALLATION OF ISC(<hookname>) HOOK

Reason:

The removal of the indicated hook is in progress.

Action:

None. This is an informational message.

DIM421I

<hookname>-HOOK IS DETACHED; THE PRIMARY-ISC IS AT LOC=<address>

Reason:

The indicated hook was successfully removed. The hook above it in the chain is present at the address listed.

Action:

None. This is an informational message.

DIM422I

<hookname>-HOOK WILL BE RETAINED FOR 8-SECONDS SO THAT ACTIVE USERS MIGHT EXIT ITS CODE

Reason:

The deletion of the indicated hook from CSA memory is being delayed for 8 seconds. This is being done so that other tasks (started tasks, batch jobs, and TSO sessions) that are currently using it can finish executing before it is deleted.

Action:

None. This is an informational message.

DIM423I

<hookname>-HOOK MODULE IS DELETED FROM CSA

Reason:

The indicated hook has successfully been deleted from CSA memory.

Action:

None. This is an informational message.

DIM424I

<hookname>-HOOK IS NOT DELETED, RC=12

Reason:

The indicated hook cannot be deleted.

Action:

None. This is an informational message.

DIM425I

<hookname>-HOOK IS NOT FOUND, RC=8

Reason:

The indicated hook was not deleted because it was not found.

Action:

No action is necessary if the correct hook is already uninstalled.

DIM426I

LOAD OF *modname* FAILED DUE TO INVALID FORMAT

Reason:

The *modname* module was loaded or located, but it failed the validity checks of its format.

Action:

The load module *modname* was not used and the installation of the hook mentioned in message DIM428I fails. It may be necessary to IPL the system to refresh *modname*. If it continues to fail after the IPL, contact Technical support.

DIM427E

LOAD OF *modname* FAILED, RC=*rc* REASON=*reasoncode*

Reason:

The load of *modname* failed with a return code of *rc* and reason code *reasoncode*.

Action:

The load module was not used and the installation of the hook mentioned in message DIM428I fails. If RC=0C and REASON=00000402, the cause is that the Security System FACILITY class resource CSVDYLPA.ADD.modname has been secured and the job or task that is receiving this message will need to be permitted access to the resource. For more information about granting access to the modules, see the *Installation Guide*. If the *rc* or *reasoncode* are different, contact Technical support.

DIM427I

WAITING FOR <hkname>-HOOK TO DRAIN

WAITING FOR <hkname>-HOOK TO DRAIN min MINUTES

Reason:

You requested to either REMOVE or REFRESH the indicated hook. The hook is busy processing an auto-restore request and the installer has to wait until the hook is no longer busy. The second form of the message is issued after the installer has been waiting for one minute. The count of minutes reflects the time that is elapsed since the installer started to remove the hook.

Action:

None. This message is informational. For a REMOVE, the hook has been made inactive. For a REFRESH, the new hook has been installed and activated but the old hook remains in storage until it is no longer busy.

DIM428E

ALLOCATION OF LPALIB *libname* FAILED WITH RC=*rc*,ERR=*error*

Reason:

An attempt was made to dynamically allocate the LPA library *libname,* but the dynamic allocation failed with return code of *rc* and an error code of *error*. This may cause the installation of the hook to fail.

Action:

Check the data set *libname* and verify the following:

- The data set is cataloged
- The cataloged volume is online
- The data set exists on the cataloged volume

There will also be a series of messages in the MSGPRINT data set that describe the error.

DIM429E

OPEN OF LPALIB *libname* FAILED WITH RC=*rc*

Reason:

An attempt was made to OPEN the LPA library *libname,* but the OPEN failed with return code of *rc*. This may cause the installation of the hook to fail.

Action:

Check the job-related messages for an IEC*xxx*I message that may describe the failure. Also, verify that the job has READ access to *libname*.

DIM430I

DYNAMIC REFRESH OF ISC(<hookname>) HOOK

Reason:

The refresh of the hook of the indicated ISC is in progress.

Action:

None. This is an informational message.

DIM431I

***hookname*-STUB NOT DELETED. STUB IS NOT THE TOP LEVEL HOOK.**

Reason:

Unable to remove the *hookname* from the system, because another hook has been installed after it.

Action:

The stub remains active but there are no adverse affects. If you are able to remove the hook that was installed after the stub, you may attempt to remove the stub again.

DIM432E

***hookname*-HOOK INSTALLATION FAILED, RC=8.**

Reason:

hookname is unable to be installed due to an unexpected return code from an internal routine.

Action:

It may be necessary to IPL the system to correct the problem that is causing the unexpected error. If it continues to fail after the IPL, contact Technical support.

DIM450I

DYNAMIC HOOK STATUS FOR ISC(<hookname>)

Reason:

The status of the hooks of the indicated ISC follows this message.

Action:

None. This is an informational message.

DIM451I

<hookname>-HOOK IS INSTALLED AT LOC(<address>) LEVEL(<displvl>)

Reason:

The indicated hook is currently installed at the indicated address and level in the chain.

Action:

None. This is an informational message.

DIM451I

<hookname>-HOOK IS INSTALLED AT LOC(<address>) LEVEL(<level>) SIZE(<size>-KBYTES)

Reason:

The indicated hook is currently installed at the indicated address and level in the chain, and occupies the indicated number of bytes of CSA memory.

Action:

None. This is an informational message.

DIM452I

<hookname>-HOOK IS NOT INSTALLED ON ISC(<hookname>)

Reason:

The indicated hook of the indicated ISC was not found.

Action:

None. This is an informational message.

DIM460I

DYNAMIC HOOK DUMP FOR ISC(<hookname>)

Reason:

A dump of the hooks for the indicated ISC is listed on DDNAME=SVCDUMP.

Action:

None. This is an informational message.

DIM461I

<hookname>-HOOK DUMP AT LOC(<address>) LEVEL(<displvl>)

Reason:

The indicated hook was dumped on DDNAME=SVCDUMP. The hook is located at the indicated address and is hooked at the indicated level.

Action:

None. This is an informational message.

DIM462I

<hookname>-HOOK NOT FOUND FOR ISC(<hookname>)

Reason:

A dump of the hook could not be done.

Action:

None. This is an informational message.

DIM490I

<hookname>-HOOK INSTALLATION FAILURE, SUPPLY //<ddname> -DD ON INSTALL JOB STEP

Reason:

The ISC hook could not be installed.

Action:

Rerun the install after adding the appropriate DD statement.

Messages DIM900-DIM999

DIM999E

<hookname>-HOOK CHAINING FAILURE, RC=12

Reason:

The indicated hook cannot be chained.

DIM999I

THE MODIFY= PARAMETER IS NOT SUPPORTED

Reason:

The MODIFY parameter is currently not supported (future feature).

DIM999I

THE MOVE= PARAMETER IS NOT SUPPORTED

Reason:

The MOVE parameter is currently not supported (future feature).

DIM999I

BAD PARAMETER SPECIFIED

Reason:

An invalid primary parameter was specified.

Messages GSM900-GSM999

GSM999E

NON-SDWA ABEND

Reason:

An abend occurred and a System Diagnostic Work Area (SDWA) was not available.

Chapter 5: Program Event Tracing

MTF Messages

MTF001I

EXECUTE PARAMETER ERROR, RC=*nnn*

Reason:

The EXEC parameter supplied to ADSMI002 was in error. The following are the possible return codes (*nnn*) for message MTF001I:

4

Program name supplied is null.

8

Program name exceeds 8-bytes.

12

Execute parameter exceeds 100-bytes.

This is an internal message to assist in the diagnosis of a problem encountered during system operation.

Action:

Contact CA Technical Support for assistance.

MTF002I

MI PERFORMANCE IS IMPAIRED, ADSMI002 IS NOT THE SUBJECT OF AN ATTACH OR LINK. SEE MODULE *mmmmmmmm*

Reason:

The Module Intercept (MI) facility was used but ADSMI002 was not specified as the control module, *mmmmmmmm* was specified as the control module:

- For batch, PGM=ADSMI002 was not specified in the EXEC statement. For example,

  ```
  EXEC PGM=ADSMI002,PARM='pgm-name,pgm-parms'
  ```

  Note: Before ADSMI002 passes control to *pgm-name*, it will remove *pgm-name* and pass the remainder of the parameter string.

- For ISPF, PGM(ADSMI002) was not specified on the SELECT statement.

  Note: For more information, see the setup methods available in the section Activating ISPF Support in the *Installation Guide*.

This is an internal message to assist in diagnosing a problem encountered during system operation. This message is issued only when a DD statement beginning with *MTF* is detected, such as //MTFTIME.

The performance impact is dependent on the number of active programs loaded. If ADSMI002 is not found as the top (control) program, a search of all active modules is done to ensure correct control and trace processing occurs. Standard CADisk functions load many programs and will very likely see performance degradation. User programs incorporating CADisk programs normally involve fewer modules, and may not experience any problems even when this message is issued.

Action:

Note: For more information regarding ADSMI002, see the sections Problem Analysis/Aids, and Modifying CADisk in the *Systems Guide*.

For assistance, contact CA Technical Support.

MTF003I

ISPLINK/ISPEXEC PARAMETER LIST MUST BE BELOW 16MEG LINE

Reason:

A call was made to ISPLINK (or ISPEXEC) service using the Module Intercept (MI) facility. The parameter list supplied to ISPLINK is above the 16M line. The MI facility only supports ISPLINK parameter list below the 16M line. This is an internal message to assist in the diagnosis of a problem encountered during system operation.

Action:

Contact CA Technical Support for assistance.

MTF004I

BAD MODULE NAME=*mmmmmmmm* GIVEN BY bbb

Reason:

The module name (*mmmmmmmm*) supplied to the Module Intercept (MI) did not follow proper module naming conventions. The call to module (*mmmmmmmm*) specified at module/location (*bbb*) must be corrected. This is an internal message to assist in the diagnosis of a problem encountered during system operation.

Action:

Contact CA Technical Support for assistance.

MTF005I

MODULE *mmmmmmmm* ISSUED OBSOLETE MIVT REQUEST

Reason:

The obsolete MI GETMAIN service was invoked at module/location (*mmmmmmmm*). Reassemble the module using current CADisk macros. This is an internal message to assist in the diagnosis of a problem encountered during system operation.

Action:

Contact CA Technical Support for assistance.

PET Messages

PET201I

USER ABEND(*nnnn*) REASON(*ccc*) AT PSW(*ppp*)

Reason:

PET diagnostics detected a user abend (*nnnn*) with a reason code (*ccc*) at PSW (*ppp*). This is an internal message to assist in the diagnosis of a problem encountered during system operation.

Action:

Contact CA Technical Support for assistance.

PET202I

USER ABEND(*nnnn*) AT PSW(*ppp*)

Reason:

PET diagnostics detected a user abend (*nnnn*) at PSW (*ppp*). This is an internal message to assist in the diagnosis of a problem encountered during system operation.

Action:

For assistance, contact CA Technical Support.

PET203I

SYSTEM ABEND(*nnnn*) REASON(*ccc*) AT PSW(*ppp*)

Reason:

PET diagnostics detected a system abend (*nnnn*) with reason code (*ccc*) at PSW (*ppp*). This is an internal message to assist in the diagnosis of a problem encountered during system operation.

Action:

For assistance, contact CA Technical Support.

PET204I

SYSTEM ABEND(*nnnn*) AT PSW(*ppp*)

Reason:

PET diagnostics detected a system abend (*nnnn*) at PSW (*ppp*). This is an internal message to assist in the diagnosis of a problem encountered during system operation.

Action:

For assistance, contact CA Technical Support.

PET205I

ABEND OCCURRED FROM PGM(*nnnnnnnn*)

Reason:

An abend occurred under the control of a Service Request Block (SVRB). Program *nnnnnnnn* was active at the time of the abend. This is an internal message to assist in the diagnosis of a problem encountered during system operation.

Action:

For assistance, contact CA Technical Support.

PET206I

ABEND OCCURRED AT PGM(*nnnnnnnn*)

Reason:

An abend occurred under the control of a Program Request Block (PRB). Program *nnnnnnnn* is associated with that PRB. This is an internal message to assist in the diagnosis of a problem encountered during system operation.

Action:

For assistance, contact CA Technical Support.

PET207I

INVALID BRANCH TARGET DETECTED, USING GPR14(*nnnnnnnn*)

Reason:

In the process of determining the active program, PET detected that an invalid branch was performed. GPR14 indicates that program (*nnnnnnnn*) was the program performing this invalid branch. This is an internal message to assist in the diagnosis of a problem encountered during system operation.

Action:

For assistance, contact CA Technical Support.

PET2081

CALL TRACE INTERRUPTED, INVALID SAVE AREA

Reason:

PET diagnostics detected an invalid save area chain. The Program Request Block (PRB) value for GPR13 was not reflected in the task's save area chain. One (or more) entries in the save area trace are missing. This is an internal message to assist in the diagnosis of a problem encountered during system operation.

Action:

For assistance, contact CA Technical Support.

Chapter 6: System Abend Codes

The following is a list of some of the most common System Abend Codes received during the execution of a CADisk job:

S001

CADisk files initialization has failed because no file definition member (FILEDEFN) is present in the parmlib data set (only when executing ADSDM100).

S047

A CADisk function that requires an authorized system environment is not authorized. Check that the CADisk program is being run as parameter to ADSMI002, like the following example:

//STEP1 EXEC PGM=ADSMI002,PARM='ADSDM002'

and, that the CADisk job is run from an authorized library in MVS.

Note: For more information, see the section Item 3: APF-Authorized Libraries in the *Installation Guide*.

S80A

A CADisk function abended because there was not enough main storage to accomplish the function requested. Check the region size if CADisk abends with a S80A abend code. CADisk jobs normally run in from 256K to 5120K of virtual memory. CADisk Exclusion/Authorization lists are maintained in virtual memory during CADisk execution. So, if a large number of entries exist in these lists, it may be necessary to increase CADisk region size. If you are processing VSAM data sets and system VSAM access methods are not loaded into system link pack area (LPA), they will be loaded into the application region. This will also increase region requirements by 200K to 300K bytes of storage.

Chapter 7: User Abend Codes

Because of the type of error, processing cannot continue. For all codes except U0024, see the last error message printed on the MSGPRINT DD statement for an explanation of why CADisk has terminated processing. The following is a list of the user abend codes:

U0024

CADisk has terminated abnormally because no MSGPRINT DD statement was present in the step's JCL. CADisk was tying to print a message but cannot. Add the following DD statement to the JCL and rerun the job: //MSGPRINT DD SYSOUT=A

U0100 - U0109

CADisk has terminated processing due to the reason indicated by the last message printed. A system dump accompanies this abend.

U0200–U0209

CADisk has terminated processing due to the reason indicated by the last message printed. A system dump does not accompany this abend because the error message should be enough to solve the problem.

U0908– U0910

CADisk has terminated processing due to the reason indicated by the last message printed. A system dump accompanies these abends. Usually, they show a problem in getting or freeing memory. Increase the region size. If the problem continues, contact CA Technical Support for assistance.

U0913

CADisk has terminated processing due to a security violation.

U1371– U1372

CADisk has terminated processing due to possible write errors and the reason indicated by message 2132 generated in module ADSUT037.

Note: For more information, refer CADisk message 2132 or applicable IBM guides.

U1505

CADisk has terminated processing due to an internal error. A calling (or using) routine has presented an undefined option. The abend reason code is the call-option (or case) value. A system dump accompanies this abend.

Appendix A: Common Return Codes

Allocate Error Codes

The following return codes are returned from the system's allocating routines (SVC 32). The following is a list of the most common return codes encountered. For a complete list of codes, see the IBM *DADSM Logic* guide.

HEX: X'04'

DEC: 0000 0100

Message ID: IEF253I

Data set already exists on the specified volume.

HEX: X'08'

DEC: 0000 1000

Message ID: IEF254I

VTOC of volume is full. Cannot add DSCB for another data set to it.

HEX: X'0C'

DEC: 0000 1100

Message ID: IEF255I

Permanent I/O error on VTOC.

HEX: X'10'

DEC: 0001 0000

Message ID: IEF256I

Absolute track not available.

HEX: X'14'

DEC: 0001 0100

Message ID: IEF257I

Volume does not contain sufficient free space in sufficiently few extents. This condition is commonly caused by space fragmentation on the volume.

HEX: X'20'

DEC: 0010 0000

Message ID: IEF261I

No Prime Area request for ISAM data set.

HEX: X'80'

DEC: 1000 0000

Message ID: IEF267I

Directory space request is larger than primary request.

Catalog Management Return Codes

The following return codes are returned from the IBM catalog management routines. It is a list of the most common return codes encountered. For a complete list of codes, see the *IBM Data Management* Services *Guide* or the *IBM Message Library System Messages Guide* for message IDC3009I.

4

The system catalog was not mounted or available.

8

The DSNAME cannot be cataloged due to the existing structure of catalog entries (for example, when trying to catalog data set A.A.A, there is already a cataloged data set named A.A.A.A).

For reason code 56, security or password verification failed.

16

The index structure necessary to catalog the data set does not exist.

20

No space left in the catalog. The catalog is full.

24

An attempt was made to catalog an improperly named generation data set, or the generation index is full and the named data set is older than any currently in the index.

28

A permanent I/O error was encountered.

40

CADisk processing logic error. Contact CA Technical Support for assistance.

Scratch Return Codes

The following return codes are returned from the system's scratch routines. It is a list of the most common return codes encountered.

Note: For a complete list of codes, see the *IBM Data Management Services Guide*.

1

The VTOC of the volume did not contain the format-1 DSCB for the data set to be scratched.

2

A password is required in order to delete the data set, but no password was supplied.

3

The expiration date for the data set has not been reached.

4

Permanent I/O error.

EXCP Access Method Return Codes

The following return codes are returned from the CADisk EXCP access method routines.

0

Operation successfully completed

4

GET - END-OF-FILE reached for read of input data set.

8

GET - A relative track address contained a record number which was greater than the number of records on the track.

PUT - No more space in data set to write this record. DASD EXCP support does not support allocation of new extents during output. This error sometimes occurs because CADisk has incorrectly calculated the space required to contain a data set on the specified volume. When restoring or moving a data set to a different device type than that from which it came, CADisk must recalculate the amount of space required. This recalculation is based on the tracksize of the original data set and the number of blocks (based on the BLKSIZE) that will fit in these tracks. Sometimes short blocks exist on the data set that cannot be accounted for in this calculation. To circumvent the problem, either preallocate the data set and rerun the CADisk job to use this preallocation, or specify sysparm ADTRACKS for the job.

12

Record returned has block size greater than that of the data set.

16

Permanent I/O error on the data set.

Dynamic Allocation Return Codes

The following return codes are returned from the system's dynamic allocate routines. It is a list of the most common return codes encountered. For a complete list of codes, see the *IBM Job Management Guide*.

0004

(RESERVED)

0008

Overriding disposition ignored (unallocation request).

000C

(RESERVED)

001c to 002*n*

Data set was successfully unallocated, but the completion of the requested catalog or uncatalog disposition was unsuccessful. The digit (*n*) is a reason code for the error. The following is a list of some of the reason codes:

1

A control volume was required. A utility program is required to catalog the data set.

2

The data set had been previously cataloged, or the data set to be uncataloged cannot be located, or no change was made to the volume serial list of a data set with a disposition of catalog.

3

A specified index did not exist.

4

Space was not available on the catalog data set.

5

Insufficient storage was available to perform the catalog request.

6

The data set to be cataloged in a generation index is improperly named.

9

A permanent I/O error occurred during catalog.

003*n*

Data set was successfully unallocated, but the completion of the requested delete was unsuccessful. The digit (*n*) is a reason code for the error. The following is a list of some of the reason codes:

1

The expiration date had not occurred.

4

No device was available for mounting during deletion.

5

Insufficient storage was available to perform delete processing.

8

The scratch routine returned an error code. See MSG IEF283I in the JCL listing.

Dynamic Allocate Error Reason Codes

The following reason codes are returned from the system's dynamic allocate routines. It is a list of the most common reason codes encountered.

0438

Specified DDNAME not found.

0440

Specified DSNAME not found.

0448

Data set requested new, found allocated already.

0454

DDNAME in DCB not found.

0468

Error while allocating or opening a PRIVATE CATALOG.

0484

Request denied by OPERATOR.

0488

GDG pattern DSCB not available.

048C

GDG pattern DSCB not found.

0494

Error processing OS CVOL CATALOG.

ISAM EXCD1 Byte Explanations

The following return codes are displayed in CADisk messages as the ISAM EXCD code.

1000 0000

Lower key limit not found.

0100 0000

Invalid device address for lower limit.

0010 0000

Space not found.

0001 0000

Invalid request.

0000 1000

Uncorrectable input error.

0000 0100

Uncorrectable output error.

0000 0010

Block cannot be reached (input).

0000 0001

Block cannot be reached (update).

1000 0000

Sequence check.

0100 0000

Duplicate record.

0010 0000

DCB close when error was detected.

0001 0000

Overflow record.

0000 1000

Put, length field is larger than DCB LRECL.

0000 0*xxx*

RESERVED

Obtain Return Codes

The following return codes are returned from the system obtain routines. It is a list of the most common return codes encountered. For a complete list of codes, see the *IBM DASD Management for Systems Programmers Guides*.

CADisk uses the SYSTEM OBTAIN function to read data set information from volume VTOC entries. If the message issued contains DSNAME and VOLUME information, it pertains to the data set for which CADisk was trying to retrieve the entry. If no DSNAME and VOLUME information is supplied, CADisk was probably trying to get the next entry from the VTOC.

4

The volume for which the obtain was issued is not online to the system.

8

The format-1 DSCB to be obtained from the VTOC did not exist.

12

A permanent I/O error was found when processing the specified volume.

16

Invalid work area pointer. Contact CA Technical Support for assistance.

The VTOC entries returned from obtain are format-1 DSCBs. They contain information about where data sets exist on the volume, how many extents they use, and what type of data sets they are.

User-Specified Condition Codes

CADisk returns the following for user-specified condition codes.

0

Good (successful completion).

4

Informational Message.

8

Resource Error.

12

Error During CADisk processing.

16

Command Error (DSCL command error detected).