

**IBM Backup, Archive and  
Retrieval System/VM  
Messages and Codes Manual  
Release 1.3**

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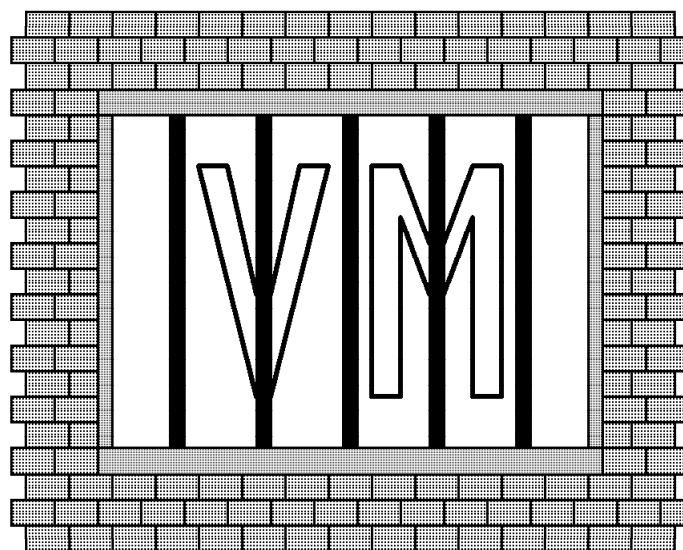


IBM Backup, Archive and  
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## Messages and Codes Manual

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## **Messages and Codes Manual**

Release 1.3

**Note!**

Before using this information and the product it supports, be sure to read the general information under "Notices" on page v.

**Fourth Edition (July 1995)**

This edition, SB11-8973-03, applies to Release 1.3 of IBM Backup, Archive and Retrieval System/VM (BARS/VM), Program Number 5785-DJD, and to all subsequent releases and modifications until otherwise indicated in new editions.

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# Contents

<b>Notices</b> . . . . .	v
Trademarks and Service Marks . . . . .	v
<b>Chapter 1. Abend Codes</b> . . . . .	1
<b>Chapter 2. Wait States</b> . . . . .	7
<b>Chapter 3. Messages</b> . . . . .	9



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## Chapter 1. Abend Codes

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### nnn001

**Explanation:** A request to obtain free storage failed. Message 0009 is produced immediately before this abend.

**Programmer Response:** Check the DMSFREE return code specified in message 0009. If the return code is 1, it is probably because the default storage size for the virtual machine is too small. For other return codes, the dump must be examined to determine the cause of the error.

---

### nnn002

**Explanation:** A request to release free storage failed. Message 0013 is produced immediately before this abend.

**Programmer Response:** Check the DMSFRET return code specified in message 0013. Examine the dump for the cause of the error.

---

### nnn003

**Explanation:** An error has occurred during catalog file processing.

**Programmer Response:** Examine the dump for the cause of the error.

---

### BCK004

**Explanation:** A catalog minidisk has been determined to be corrupt. Message 0019 indicates the minidisk in error.

**Programmer Response:** If it is the 191 or 197 minidisk, recover the contents from one of the backup minidisks: 192 or 193 in the case of 191, and 198 or 199 for the 197. Try to determine the cause to prevent the error happening again.

---

### BCT004

**Explanation:** An error has occurred writing the file CONTROL DATA on the 191 minidisk of the Interface userID.

**Programmer Response:** Try to determine the cause. Possibly some other user has the Interface 191 minidisk linked in write mode.

---

### BCY004

**Explanation:** An error has occurred writing the file CONTROL DATA on the 191 minidisk of the Interface userID.

**Programmer Response:** Try to determine the cause. Possibly some other user has the Interface 191 minidisk linked in write mode.

---

### BC2004

**Explanation:** An error has occurred writing the file CONTROL DATA on the 191 minidisk of the Interface userID.

**Programmer Response:** Try to determine the cause. Possibly some other user has the Interface 191 minidisk linked in write mode.

---

---

**BC6004**

**Explanation:** An error has occurred writing the file CONTROL DATA on the 191 minidisk of the Interface userID.

**Programmer Response:** Try to determine the cause. Possibly some other user has the Interface 191 minidisk linked in write mode.

---

**CKP004**

**Explanation:** An error has occurred attempting to update a checkpoint file on the interface 19C minidisk.

**Programmer Response:** Check the manager log file for messages giving the FSWRITE error code.

---

**DR3004**

**Explanation:** An error has occurred attempting to copy the file SFS WERENROL to the file SFS ENROLLED on the 191 minidisk of Interface.

**Programmer Response:** Try to determine the cause. Check the status of the 191 minidisk and the files on it.

---

**INB004**

**Explanation:** The interface userID received a VMCF block with an invalid code set in it.

**Programmer Response:** This is probably the result of an internal error. Investigate the problem. Register 11 addresses the invalid block.

---

**INT004**

**Explanation:** An attempt by the Interface virtual machine to give a tape to a subuser failed.

**Programmer Response:** Tapes are given to subusers by either the GIVE command or, if GIVE fails, through DETACH LEAVE and ATTACH. Investigate the status if these commands to determine why Interface could not use them.

---

**IN0004**

**Explanation:** An unexpected return was made to the initialization routine following automatic restart processing.

**Programmer Response:** Examine the dump to determine the cause of the error.

---

**RES004**

**Explanation:** The subuser was unable to link the interface 19C (checkpoint) minidisk. Without this minidisk, full volume and storage group restore will fail.

**Programmer Response:** Check that such a disk exists. If it does not, define one. If it does, determine why it cannot be linked.

---

**SPX004**

**Explanation:** An error has occurred writing a 'userID filepool' file.

**Programmer Response:** Try to determine the cause from the dump.

---

**SP5004**

**Explanation:** An error has occurred writing the file CONTROL DATA on the 191 minidisk of the Interface userID.

**Programmer Response:** Try to determine the cause. Possibly some other user has the Interface 191 minidisk linked in write mode.

---

**SP6004**

**Explanation:** An error has occurred writing the file CONTROL DATA on the 191 minidisk of the Interface userID.

**Programmer Response:** Try to determine the cause. Possibly some other user has the Interface 191 minidisk linked in write mode.

---

**ST0004**

**Explanation:** An error has occurred writing the file CONTROL DATA on the 191 minidisk of the Interface userID.

**Programmer Response:** Try to determine the cause. Possibly some other user has the Interface 191 minidisk linked in write mode.

---

**SU0004**

**Explanation:** A error occurred setting the default file pool which is defined in the installation parameter EBFPOOL.

**Programmer Response:** Check that the EBFPOOL specification is correct.

---

**SU6004**

**Explanation:** An internal error has occurred processing the tape map which the module has created.

**Programmer Response:** Examine the dump to determine the cause of the error.

---

**VMC004**

**Explanation:** A VMCF request received a non-zero return code from CP.

**Programmer Response:** This is probably the result of an internal error or a problem with CP. Register 11 addresses the VMCF parameter.

---

**BC1005**

**Explanation:** The TAPE VOLUMES file, which defines the status of all tapes, has been found to be invalid.

**Programmer Response:** Examine the file for errors.

---

**CKP005**

**Explanation:** The checkpoint file processing module was invoked with an invalid entry code.

**Programmer Response:** This is a BARS/VM internal logic error. Examine the dump to determine the entry parameters and the calling module.

---

**SPX005**

**Explanation:** An error has occurred writing a 'userID data' file.

**Programmer Response:** Try to determine the cause from the dump.

---

**BC1006**

**Explanation:** The BACKUP VOLUMES file, which defines the status of all backup and archive minidisks, has been found to be invalid.

**Programmer Response:** Examine the file for errors.

---

---

**CCP006**

**Explanation:** A invalid catalog file was found during the execution of a CATMAINT command.

**Programmer Response:** Look at the catalog files for the user specified on the command and try and determine the cause of the error. If necessary, erase the catalogs for that user. New catalogs will be created at the next backup.

---

**CKP006**

**Explanation:** The checkpoint file contains invalid restart information.

**Programmer Response:** Examine the checkpoint file and the dump to determine the record in error.

---

**nnn101**

**Explanation:** A request to obtain free storage failed during GETPARM or MOVEPARM processing. This abend code can be produced from many modules.

**Programmer Response:** Examine the dump to establish the DMSFREE return code which will be in R15 at the time of the abend. If the return code is 1, then it is probably because the default storage size for the virtual machine is too small. For other return codes, the dump must be examined to determine the cause of the error.

---

**nnn102**

**Explanation:** A request to release free storage failed during FREEPARM processing. This abend code can be produced from many modules.

**Programmer Response:** Examine the dump to establish the DMSFRET return code which will be in R15 at the time of the abend.

---

**nnn200**

**Explanation:** A link to the Interface 191 minidisk failed in a situation where it is undesirable for the system to continue.

**Programmer Response:** Determine the reason for the failure. In most situations this will be because some other user has linked the minidisk.

---

**nnn201**

**Explanation:** A link to the Interface 195 minidisk failed in a situation where it is undesirable for the system to continue.

**Programmer Response:** Determine the reason for the failure. In most situations this will be because some other user has linked the minidisk.

---

**nnn202**

**Explanation:** An attempt to read the file TAPE VOLUMES failed during tape processing and it is impossible to continue.

**Programmer Response:** Determine the reason for the failure. A message should be issued before the abend giving a return code. Check that the file exists and looks correct. If it has been destroyed it can be recovered from the 192 or 193 minidisk.

---

**nnn203**

**Explanation:** An error occurred reading or writing a tape map file. This may occur during REMOVE processing or tape reorganization.

**Programmer Response:** Try to determine the cause from the dump.

---

**nnn204**

**Explanation:** A link to the Interface 197 minidisk failed in a situation where it is undesirable for the system to continue.

**Programmer Response:** Determine the reason for the failure. In most situations this will be because some other user has linked the minidisk.



---

## Chapter 2. Wait States

BARS/VM enters a disabled wait state when subsystem operation cannot continue and it is not possible for restart processing to succeed. When BARS/VM enters a wait state, it loads a wait state code into the program status word (PSW). The PSW is 16 hexadecimal digits long. This PSW will appear on the BARS/VM virtual machine console after any messages have been written to the log and the operator. The virtual machine will then enter a CP READ.

For a description of what the disabled wait state code means and suggested actions to take, look up the BARS/VM message that has the same number as the wait state code. The format of the disabled wait state PSW is shown below:

```
xxxxyyyy zzzzwww
```

where:

**xxxx** 00EA - a disabled wait state

**yyyy** 0000

**zzzz** 0000

**www** is the disabled wait state code. This is a message number



## Chapter 3. Messages

This is a complete description of all messages of BARS/VM. They are all available as on-line HELP files. Display them by issuing the VMBARS HELP command with the appropriate message number.

---

**0000S**     **\*\*\* Program Check - User id *name* \*\*\***

**Explanation:** The code running in the virtual machine with the specified user id has suffered a program check and cannot continue.

**System Action:** A dump is generated and the virtual machine is logged off and its resources freed. If the subuser is not the backup controller it will be restarted automatically and so no operator action is required. The number of such restarts is limited by an installation parameter to prevent repetitive program checks. When this number is reached the virtual machine is not restarted.

**Operator Response:** Check that the virtual machine has been restarted automatically. If so, no further action is necessary. If not then inform the systems programmer.

---

**0001I**     *command* **command complete**

**Explanation:** The specified command has completed.

**System Action:** Processing continues.

---

**0002S**     **File *file name* *file type* not found**

**Explanation:** The requested file could not be found.

**System Action:** Processing terminates.

**Programmer Response:** The response depends on which file cannot be found. If it is an important control file the subsystem may be unusable. Control files can be recovered from the backup taken at the last backup cycle on the 192 and 193 minidisks.

---

**0003E**     *command* **command syntax error**

**Explanation:** The command was specified incorrectly.

**System Action:** The command is rejected.

**User Response:** Re-enter the command with the correct syntax.

---

**0004I**     *command* **command started**

**Explanation:** Processing of the specified command has started.

**System Action:** Processing of the command continues.

**User Response:** None - you will be informed when processing is complete.

---

**0006S**     **Bad VMCF block, VHCODE *code* received, origin *user id***

**Explanation:** VMCF received with bad VHCODE, ORIGIN is user id sending VMCF block. This message suggests an internal error.

**System Action:** Processing continues.

**Programmer Response:** Investigate the system problem.

---

**0007S      Authorize bad return code**

**Explanation:** A VMCF authorize specific request was attempted to interface user ID.

**System Action:** System continues.

**User Response:** Verify that the interface user ID was specified correctly in the installation options.

---

**0008E      You are not authorized to use this form of the *command* command**

**Explanation:** The form of the command which was received may only be issued by an authorized user.

**System Action:** The command is rejected.

**User Response:** Check that the command was correctly specified.

---

**0009S      DMSFREE error; RC = *rc***

**Explanation:** A DMSFREE macro to obtain storage gave a nonzero return code.

**System Action:** Processing in the virtual machine is terminated and a storage dump generated.

**Programmer Response:** Examine the return code and the dump, if necessary. It may be that the virtual machine should be given more storage.

---

**0010S      Error reading file *name*; RC = *code***

**Explanation:** An error was encountered on attempting to read a CMS file.

**System Action:** The command or process in progress is aborted.

**Programmer Response:** If the file is a control file then attempt to determine the cause of the error. If necessary rebuild or restore the file from backup.

---

**0011R      SUBUSERS DEFINE command must be issued (minimum 3 user IDs)**

**Explanation:** The SUBUSERS DEFINE command must be entered to define the users for the system.

**System Action:** Waits for the SUBUSERS DEFINE command.

**Programmer Response:** Enter the SUBUSERS DEFINE command.

---

**0012I      Command accepted**

**Explanation:** A command has been received. The command syntax was checked and accepted by the system.

**System Action:** Processing continues

---

**0013S      DMSFRET error; RC = *rc***

**Explanation:** A DMSFRET macro gave a nonzero return code while freeing a piece of storage obtained via DMSFREE. This message is sent to the backup system manager virtual machine.

**System Action:** Processing in the virtual machine continues.

**Programmer Response:** Try to determine the cause of the error from the return code.

---

**0014I      Retrying LINK**

**Explanation:** A previous LINK command failed and the LINK is being retried.

**System Action:** Processing continues.

---

---

**0015E**     *operation error; RC = code*

**Explanation:** The specified error occurred. The code is the error code for the particular operation that was being performed.

**System Action:** Depends on the particular error which occurred. Normally other messages will accompany this one.

**User Response:** Notify the person responsible for the backup system if necessary.

---

**0016E**     **LISTFILE returned file *name type* after file *name type***

**Explanation:** When attempting to obtain the names of all files on a minidisk in alphabetic order, a file name was obtained which was not alphabetically after the previous one.

**System Action:** The file is ignored and processing continues.

**User Response:** Try to find out which minidisk or directory the file belongs to and investigate a possible problem. In the case of a minidisk it could be corrupt.

---

**0017E**     **Error receiving file *name*; RC = code**

**Explanation:** An error was encountered on attempting to receive a CMS file.

**System Action:** Processing is terminated for that file but may continue for other files.

**Programmer Response:** The return code is that obtained for the CMS RECEIVE command. Check this code to try to determine the cause of the error.

---

**0018E**     **Error copying file *name* to tape; RC = code**

**Explanation:** An error was encountered on attempting to copy the specified file to tape.

**System Action:** Processing is terminated for that file but may continue for other files.

**Programmer Response:** The return code is that obtained from the CMS TAPE command. Check this code to try to determine the cause of the error.

---

**0019S**     **Integrity check on Interface minidisk *cuu* failed - the minidisk may be corrupt**

**Explanation:** An integrity check on the specified minidisk has failed. This may mean that it has been corrupted.

**System Action:** The current process abends.

**Programmer Response:** Check the minidisk and, if it is corrupt, correct the problem. If it is the 191 or 197 minidisk, the contents may be recovered from one of the backup minidisks: 192 or 193 in the case of 191, and 198 or 199 in the case of the 197. If the minidisk is not corrupt check the status of the DFSMS MODULE, which is used for the check.

---

**0100I**     *name initialization complete, session number*

**Explanation:** The named system has been initialized successfully and will perform backup and archive functions and process commands when required. The name is that defined by the ENAME option. The session number is a number which increases by one each time the system is started. When it reaches 255 it wraps round to zero.

**System Action:** Waits for work.

---

**0101E**     **REPLY command not from OPERATOR or not required**

**Explanation:** The system received a REPLY command from a user id other than the operator or backup manager user ids or else no REPLY command was required.

**System Action:** Waits for work.

**User Response:** Check whether a REPLY command is required. If so, this command must come from the manager user ID or the operator.

---

**0102E Wrong operand in REPLY command**

**Explanation:** The REPLY command was specified with an invalid parameter.

**System Action:** Waits for a correct command.

**Operator Response:** Correct command and enter again.

---

**0103I *name* is not initialized**

**Explanation:** The system is not yet initialized.

**System Action:** Initialization continues.

**User Response:** Wait until the system is initialized. If the problem continues, contact your administrator.

---

**0104E Authorized command from unauthorized user**

**Explanation:** This command can be entered by authorized users only.

**System Action:** Waits for work.

**User Response:** Use the HELP facility to determine the correct command. If an authorized command is required, contact your installation.

---

**0105E Incorrect number of passwords**

**Explanation:** The PASSWORD command must be entered with three passwords specified.

**System Action:** Waits for work.

**Programmer Response:** Correct the command and enter it again.

---

**0106E Passwords already defined and valid**

**Explanation:** The PASSWORD command was entered during initialization but the current passwords are valid.

**System Action:** Waits for work.

---

**0107R Require definition of passwords**

**Explanation:** The PASSWORD command must be entered before initialization can complete.

**System Action:** Waits for the PASSWORD command.

**Programmer Response:** Enter the PASSWORD command.

---

**0108E Odd number of parameters in SUBUSERS command**

**Explanation:** The SUBUSERS command must be entered with an even number of parameters.

**System Action:** Waits for work.

**Programmer Response:** Correct the command and enter it again.

---

**0109E Subusers currently being checked - CMD rejected**

**Explanation:** The SUBUSERS command was entered but is not required.

**System Action:** Waits for work.

---

**0110S User id *name* not autologged on**

**Explanation:** The specified user id could not be logged on at initialization time.

**System Action:** Waits for SUBUSERS command.

**Programmer Response:** Define the user id via the SUBUSERS command.

---

---

**0111R Not enough subusers defined, try again**

**Explanation:** A minimum of three subusers must be defined to the system.

**System Action:** Waits for a SUBUSERS command.

**Programmer Response:** Enter the SUBUSERS command.

---

**0113I Subusers defined and valid**

**Explanation:** The subusers defined to the system have been initialized successfully.

**System Action:** System continues.

---

**0114S LOGOFF due to incorrect date - OPERATOR replied NO**

**Explanation:** The operator replied no to message HDF0121R.

**System Action:** The subsystem logs off.

**Operator Response:** The operator should check the date on the VM system and IPL the VM system correctly if necessary.

---

**0120E Incorrect date specification *date***

**Explanation:** Today's date is older than the last date the system was initialized. The yyddd specifies the year (yy) and date (ddd) on the system today.

**System Action:** The subsystem logs off.

**Operator Response:** Determine if the date is incorrect. If incorrect the VM system may need an IPL to set the correct date.

---

**0121R Is today really *day, date***

**Explanation:** Is today really the day and date specified in the message. This is to verify that the date is set correctly.

**System Action:** System waits for a reply.

**Operator Response:** Enter the REPLY command.

---

**0122R To reply, enter: REPLY *NO or YES***

**Explanation:** Prompts the operator for the REPLY command.

**System Action:** System waits.

**Operator Response:** Enter the REPLY command.

---

**0123R Passwords must be defined or authority provided**

**Explanation:** The virtual machines have not been given the necessary authority to LINK to user minidisks or the necessary passwords have not been defined.

**System Action:** System waits.

**Programmer Response:** Provide the necessary authority or enter the PASSWORD command.

---

**0124R Unable to perform LINK in RR mode; RC = *rc***

**Explanation:** The read password has been specified incorrectly or the subsystem has insufficient authority.

**System Action:** System waits.

**Programmer Response:** Enter the PASSWORD command with the correct passwords or provide the necessary authority.

---

---

**0125R Unable to perform LINK in WR mode; RC = rc**

**Explanation:** The read password has been specified incorrectly or the subsystem has insufficient authority.

**System Action:** System waits.

**Programmer Response:** Enter the PASSWORD command with the correct passwords or provide the necessary authority.

---

**0126R Unable to perform LINK in MR mode; RC = rc**

**Explanation:** The read password has been specified incorrectly or the subsystem has insufficient authority.

**System Action:** System waits.

**Programmer Response:** Enter the PASSWORD command with the correct passwords or provide the necessary authority.

---

**0128S LOGOFF due to incorrect date**

**Explanation:** The date is incorrect on the system.

**System Action:** The subsystem logs off.

**Operator Response:** Respond to message HDF0120E.

---

**0130E This DISPLAY function not supported**

**Explanation:** The DISPLAY command was entered with an invalid parameter.

**System Action:** The system continues.

**User Response:** Correct the command and enter it again.

---

**0131E *name* is not a subuser**

**Explanation:** The DISPLAY STATUS command was entered and specified an invalid user id.

**System Action:** The system continues.

**User Response:** Correct the command and enter it again.

---

**0132I No queued command matches your specification**

**Explanation:** A CQUEUE command has been received but no command on the command queue matches the specification given.

**System Action:** The command terminates.

**User Response:** Issue DISPLAY STATUS QUEUES to check for the correct specification.

---

**0141I Subusers are being checked for validity**

**Explanation:** The subusers defined to the system are being logged on to ensure they will initialize correctly. This is a normal message at startup time.

**System Action:** Waits for the subusers to initialize and then continues.

---

**0151E Authorized command rejected**

**Explanation:** A command has been rejected because the sender has insufficient authority to issue it or because the command was sent to a node which has not defined the sending node as one from which it will accept commands.

**System Action:** The system continues.

**User Response:** If authorization is required, contact the person responsible for administration.

---

**0153E User is not the manager user id**

**Explanation:** The AUTHORIZ command was entered but the issuer was not the manager user ID.

**System Action:** The system continues.

**User Response:** If authorization is required, contact your administrator.

---

**0154E REPLY command not required**

**Explanation:** The REPLY command was entered but no request was pending.

**System Action:** The system continues.

---

**0155E No third operand on DISPLAY command**

**Explanation:** The DISPLAY command was entered but the user did not specify a third operand.

**System Action:** The system continues.

**User Response:** Correct the command and enter it again.

---

**0156I Backup already started**

**Explanation:** A BACKUP START command was issued, but backup is already started or still in process.

**System Action:** The system continues.

---

**0157I operation in progress - backup not started**

**Explanation:** A backup START command was issued, but backup can not be started until a RESTORE is completed.

**System Action:** The system continues.

**User Response:** None or stop the RESTORE process.

---

**0158I Backup not in progress**

**Explanation:** A BACKUP STOP command was issued, but backup was not active.

**System Action:** System continues.

---

**0159E Processing has been stopped - enter command later**

**Explanation:** The system is halted because of an authorized command for maintenance or test purposes. It will only accept commands from the manager user id. After a reset of the HALT command from this user id the command may be reissued.

**System Action:** The system continues.

**User Response:** Wait for a while and retry the command.

**Operator Response:** None.

---

**0160E You are not authorized to issue commands on remote node *nodeid***

**Explanation:** A command has been rejected because the receiving BARS/VM node *nodeid* does not allow commands from the node the command was sent from.

**System Action:** The system continues.

**User Response:** If remote command authorization is required, contact the person responsible for BARS/VM administration. They may add your node on the rejecting *nodeid* by means of the VMBARS NODENAME command.

---

**0161I Backup is not run because of EBDAY setting**

**Explanation:** Backup will not be run today because the EBDAY installation option specifies so.

**System Action:** The system continues.

---

**0162I Reorganizations are not run because of ERDAY setting**

**Explanation:** Reorganizations will not be run today because the ERDAY installation option specifies so.

**System Action:** The system continues.

**User Response:** None. If reorganizations are required today, the START REORG command may be used.

---

**0171I operation starting**

**Explanation:**

1. Backup is starting due to a command or a timer interrupt.
2. Tape dumps are starting after a START TAPE\_DUMP has been received.
3. Reorganizations are starting after a START REORG has been received.
4. Deferred commands are being processed after a START DEFERRED command has been received.

**System Action:** The system continues.

---

**0172I BACKUP stopping**

**Explanation:** Backup is stopping due to a STOP command or a timer interrupt.

**System Action:** The system continues. Backup stops when work currently in progress has completed.

---

**0173S Error autologging subuser *name* , RC= *code***

**Explanation:** Interface tried to AUTOLOG a subuser but the command was not successful.

**System Action:** The system terminates.

**Programmer Response:** Check the user id to determine the reason why the AUTOLOG command does not work. e.g. missing interrupts, already logged on on line DSC, wrong CP privilege class in Interface user ID .... Issue a FORCE command if necessary.

---

**0174E Bad VMCF queued for B C -origin *name* target *name* CODE *code***

**Explanation:** INTERFACE found invalid VMCF parameters queued for the backup controller during the backup start process. The originating and receiving user ID are given with the VHECODE.

**System Action:** Continues. The VMCF parameters are ignored.

---

**0175I Please ensure link to *node* is active for remote backup**

**Explanation:** Backup is starting and will be sending files to the specified remote system. It is therefore important that the network link to that system is available for sending files.

**System Action:** The system continues.

**Operator Response:** Ensure the link is active.

---

**0176I Subuser *name* will not be used for backup**

**Explanation:** During the backup process the specified subuser will not be used because either there is no tape unit or no work minidisk available for the subuser.

**System Action:** Backup processing by the subuser is terminated.

**User Response:** If it is desired to have more subusers active for backup, increase the value of ENUMTAPE or add additional work minidisks.

---

**0190E VMCF block not on queue - VMCUSER *user id* VMCID *number***

**Explanation:** An external interrupt occurred for the specified user ID and message number and no corresponding VMCF block had been queued.

**System Action:** System continues.

**Programmer Response:** If the messages continue then the enqueue logic should be checked for problems.

---

**0201S FSREAD error; RC = *rc*; file *file name***

**Explanation:** An FSREAD macro gave the specified nonzero return code while a control file was being processed. This message is sent to the backup system manager virtual machine and is not seen by users or the operator.

**System Action:** Processing for the file is discontinued.

**Programmer Response:** Check the status of the file and correct it if necessary.

---

**0202S FSWRITE error; RC = *rc*; file *file name***

**Explanation:** An FSWRITE macro gave the specified nonzero return code while a control file was being processed. This message is sent to the backup system manager virtual machine and is not seen by users or the operator.

**System Action:** Processing for the file is discontinued.

**Programmer Response:** Check the status of the file and correct it if necessary.

---

**0230I User id *name* has no backup**

**Explanation:** The specified user ID has no backed up minidisks or directories.

**System Action:** Processing continues.

---

**0231I No information for minidisk *userID cuu***

**Explanation:** A QUERY command was issued for a specific minidisk. The minidisk is not backed up.

**System Action:** Processing continues.

---

**0240E For minidisk *userID cuu* the frequency specified is less than the minimum allowed**

**Explanation:** The backup frequency specified in a BACKUP command is less than the minimum frequency allowed by the installation for the specified minidisk.

**System Action:** The BACKUP command is not processed for the minidisk.

**User Response:** Re-enter the command with a frequency greater than or equal to the installation minimum.

---

---

**0242E**      **Error creating control file** *name*

**Explanation:** In processing a BACKUP command an error was encountered in creating the control file for the minidisk specified in the command.

**System Action:** The BACKUP command is not processed.

**User Response:** Contact the person responsible for the backup system.

---

**0243E**      **Error updating control file** *name*

**Explanation:** In processing a BACKUP command an error was encountered in updating the control file for the specified minidisk.

**System Action:** The BACKUP command is not processed for that minidisk.

**User Response:** Contact the person responsible for the backup system.

---

**0244E**      **Minidisk** *userID cuu* **is set to no backup**

**Explanation:** A BACKUP TONIGHT command was issued for a minidisk which has previously been specified as a minidisk which is not to be backed up.

**System Action:** The BACKUP command is not processed for the minidisk.

**Programmer Response:** If you require backup for the minidisk issue the BACKUP command specifying a backup frequency.

---

**0250S**      **Subuser not loaded, LOAD RC=** *rc*

**Explanation:** In attempting to load the subuser modules into storage, the LOAD command failed with the specified return code. This message is sent to the backup system manager virtual machine.

**System Action:** The subuser is not initialized and will not run.

**Programmer Response:** Determine the reason for the failure from the return code.

---

**0260E**      *userID userID* **not deleted - not found**

**Explanation:** An OWNED command was specified with the DELETE option but the specified owned user id is not owned by the specified owner user id.

**System Action:** The command is rejected.

**User Response:** Check that the user ids were correctly specified.

---

**0270I**      **Attempting your requested retrieve to** *userid cuu*. **Please detach it within the next** *number* **minutes.**

**Explanation:** A RETRIEVE is being attempted to the specified minidisk but a link to the minidisk failed as it is linked by a user.

**System Action:** The link is retried at minute intervals for the specified number of minutes. If the link is still unsuccessful after this time the retrieve is aborted.

**User Response:** Detach the specified minidisk.

---

**0271I**      **When finished, I will send you another message so you can have your disk back.**

**Explanation:** This message follows message 0270I which requested the user to detach a minidisk.

**System Action:** See message 0270I.

**User Response:** See message 0270I.

---

**0272E      Unable to retrieve your minidisk since it was linked by you or another user.**

**Explanation:** A requested retrieve cannot be processed as the minidisk to which data was to be retrieved was attached to a user. This message follows messages 0270I and 0271I which requested the user to detach the minidisk. However the user did not do so.

**System Action:** The retrieve is not processed.

**User Response:** Re-enter the command when the minidisk can be detached.

---

**0280E      Retrieve of *userID cuu* failed. DDR error occurred; RC = *code***

**Explanation:** A requested retrieve of the specified non-CMS minidisk failed because of an error during DDR processing.

**System Action:** The retrieve is not processed.

**User Response:** Contact the person responsible for the backup system.

**Programmer Response:** Determine the cause of the DDR failure.

---

**0281E      Error code *code* linking to backup disk *cuu***

**Explanation:** A requested retrieve of a minidisk failed because of an error linking to the specified backup minidisk. The message gives the return code from the LINK command.

**System Action:** The retrieve is not processed.

**User Response:** Contact the person responsible for the backup system.

**Programmer Response:** Determine the cause of the error from the return code.

---

**0282E      BACKUP/TAPE VOLUMES not available**

**Explanation:** A retrieve or restore operation cannot be performed at this time as the backup volumes or tape volumes resource is not currently available.

**System Action:** The RETRIEVE or RESTORE command is not processed.

**User Response:** Wait until the current operation is complete then re-enter the command.

---

**0283E      CUU *cuu* not found in BACKUP VOLUMES for *userID cuu***

**Explanation:** The specified minidisk is backed up to a volume which could not be found in the backup volumes control file.

**System Action:** If the error occurs during a RETRIEVE command then the minidisk is not retrieved. For a RESTORE command processing continues for other minidisks.

**User Response:** Contact the person responsible for the backup system.

**Programmer Response:** Check the status of the backup volumes control file.

---

**0284E      File *file name file type* not received from host**

**Explanation:** An operation involving the retrieval of a file backed up at a remote host system has failed. The file did not arrive from the host.

**System Action:** Processing continues for other files.

**User Response:** Contact the person responsible for the backup system.

**Programmer Response:** Check the host system to determine why the file was not sent.

---

---

**0290E**      *COPY/TAPE LOAD failed for file name file type, RC = code, the file is not retrieved for userID cuu*

**Explanation:** When processing a RETRIEVE, RESTORE or AGET command, an error occurred during the copy or TAPE LOAD operation to restore the specified CMS file.

**System Action:** The file is not retrieved. Processing continues for other requested files.

**User Response:** Notify the person responsible for the backup system.

**Programmer Response:** Check the cause of the failure from the return code.

---

**0291E**      *COPY failed for file name file type, RC = code, the file is not added to backup data*

**Explanation:** When processing a BPUT command, an error occurred during the copy operation to move the specified CMS file to a backup minidisk.

**System Action:** The file is not backed up. Processing continues for any other files.

**User Response:** Notify the person responsible for the backup system.

**Programmer Response:** Determine the reason for the failure from the code. Remaining disk space or Interface 195 disk may not be large enough to hold the file.

---

**0292E**      *I/O error on tape addr, RC = code*

**Explanation:** A tape operation gave a return code which shows an I/O error on the tape. The return code is that from the TAPECTL macro.

**System Action:** The action taken depends on the circumstances and other messages will describe this.

**Programmer Response:** Determine the reason for the failure from the code.

---

**0293E**      *Tape error, external label ( internal label ), RC = code*

**Explanation:** An error has occurred processing the specified tape. The return code is that obtained from the module that performs tape functions.

**System Action:** Processing for this tape terminates but will continue for other tapes.

**Programmer Response:** Determine the cause of the error from the return code.

---

**0294E**      *No backup tape is available*

**Explanation:** During the backup process there was no tape available on which to perform backup.

**System Action:** Backup processing by the subuser is terminated.

**User Response:** Add more tapes or ensure the reorganization process will make tapes available.

---

**0295E**      *Error mounting tape external label ( internal label ), files on this tape not retrieved for userID cuu*

**Explanation:** When processing a RETRIEVE or RESTORE command, the specified tape could not be mounted.

**System Action:** Files on this tape are not retrieved. Processing continues for other files.

**User Response:** Notify the person responsible for the backup system.

**Programmer Response:** Check to see if the tape is usable. If not use the REMOVE command to remove it from use.

---

**0296I Catalog files updated for operation of *cuu***

**Explanation:** The specified operation is now complete and the catalog files have been updated to show the new location of the backup or archive data.

**System Action:** Processing continues.

**User Response:** None.

---

**0297E Intervention required on tape *cuu***

**Explanation:** An error has occurred processing the specified tape. An 'intervention required' condition was received.

**System Action:** The particular operation in progress may be retried and will either be successful or result in more messages. If no success is achieved, processing for this tape will terminate but will continue for other tapes.

**Operator Response:** Check the status of the tape drive.

---

**0298E Equipment check on tape *cuu***

**Explanation:** An error has occurred processing the specified tape. An 'equipment check' condition was received.

**System Action:** The particular operation in progress may be retried and will either be successful or result in more messages. If no success is achieved, processing for this tape will terminate but will continue for other tapes.

**Operator Response:** Check the status of the tape drive.

---

**0299I Tape *label* has exceeded its life expectancy**

**Explanation:** The specified tape has been defined for longer than the period specified as the life expectancy.

**System Action:** The system continues.

**User Response:** Remove the tape as soon as possible and add a new one if necessary.

---

**0300E The specified disk is not a CMS disk**

**Explanation:** A RETRIEVE command was received whose operands specified the retrieval of a CMS minidisk. However the specified minidisk is not a CMS disk.

**System Action:** The RETRIEVE command is not processed.

**User Response:** Determine the cause of the error and re-enter the command if required.

---

**0301I There are *number* objects to be restored**

**Explanation:** A primary volume or storage group restore is beginning. The message gives the total number of minidisks or directories to be restored.

**System Action:** Processing continues.

---

**0302I The number of files you wish to operation exceeds the maximum (*number*) allowed during the day**

**Explanation:** A RETRIEVE, APUT or AGET command was received with the NOW option, i.e. for the immediate retrieval or archive of CMS files. The total number of files to be processed exceeds the installation defined maximum for immediate archive or retrieval.

**System Action:** The command is not processed.

**User Response:** Re-enter the command without the NOW option to schedule processing overnight. Alternatively reduce the number of files that are to be processed.

---

**0303I**      **No file meets specification** *file name file type*

**Explanation:** A command was received which specified a CMS file or a set of CMS files. However no file was found backed up or archived to match the file specification given.

**System Action:** The command is not processed.

**User Response:** Check that the specification was correct. The QUERY command may be used to display the files which are backed up, AQUERY to display archived files and the DQUERY command to display deleted archived files.

In the case of a SFS RESTORE with the SUBDIR option, this message can be issued when an empty directory is encountered, in which case it may be ignored.

---

**0304E**      **Error code** *code* **linking or accessing backup disk** *cuu operation of on this disk* **unsuccessful**

**Explanation:** An error was obtained linking or accessing a backup minidisk when processing a RETRIEVE command.

**System Action:** Any data backed up to this disk will not be retrieved. Processing continues for data which is backed up to other disks.

**User Response:** Contact the person responsible for the backup system.

**Programmer Response:** Determine from the error code the reason for the failure.

---

**0305I**      **The specified disk has no non-CMS backup**

**Explanation:** A RETRIEVE command was received whose operands specified retrieval of a non-CMS backup. However the specified minidisk is not backed up as a non-CMS minidisk.

**System Action:** The RETRIEVE command is not processed.

**User Response:** Determine the cause of the error and re-enter the command if required.

---

**0306I**      *object is not backed up*

**Explanation:** Either a RETRIEVE command was received for a minidisk or SFS directory for which there is no backup, or a RESTORE command found an object in its list of objects to be restored which has no backup.

**System Action:** The object is not processed.

**User Response:** Check the status of the object. This may not be an error as the object may have been created since the last backup. If backup has run since the object was created, issue a QUERY command and check the logs to determine why no backup took place.

---

**0307E**      **The backup version you have requested does not exist**

**Explanation:** A RETRIEVE command was received specifying a particular backup version but this version does not exist.

**System Action:** The RETRIEVE command is not processed.

**User Response:** Use the QUERY command to determine which backup versions exist.

---

**0308I**      **RETRIEVE request(s) sent to host system for remote files**

**Explanation:** One or more of the files specified on a RETRIEVE command are backed up at a remote host system. Requests have been sent to that system for retrieval of the files. Processing continues for files backed up on the local system.

**System Action:** Processing continues.

**User Response:** None. The files will be sent from the remote host system.

---

**0309I Request has been deferred**

**Explanation:** The specified request has been queued for deferred processing and will be processed at the time determined by the installation.

**System Action:** Processing continues.

---

**0310E The number of cylinders you wish to retrieve exceeds the maximum allowed during the day**

**Explanation:** A RETRIEVE command was received for a non-CMS minidisk whose size exceeds the maximum allowed for immediate retrieval.

**System Action:** The RETRIEVE command is not processed.

**User Response:** Reissue the command without the NOW option so that the minidisk will be retrieved overnight.

---

**0311I *command request cancelled***

**Explanation:** In response to a command with the CANCEL option the specified deferred request has been cancelled.

**System Action:** Processing continues.

---

**0312I *operation of userID cuu not processed***

**Explanation:** As a result of a previously notified error the specified operation was not processed.

**System Action:** The command is not processed.

**User Response:** Determine the cause of the error from the previous message and take the action described for that message.

---

**0313I *operation of userID cuu complete***

**Explanation:** The specified minidisk operation is now complete.

**System Action:** Processing continues.

---

**0314I Warning - *number files are being sent to user user id***

**Explanation:** An overnight deferred RETRIEVE or AGET is in progress and the specified number of files are about to be disk dumped to the user who requested the operation.

**System Action:** Processing continues.

**Operator Response:** Action may be necessary if there is a large number of files so that system spool space is not filled.

---

**0315E *type disk cuu is EXTERNAL; files on this disk not retrieved***

**Explanation:** The specified backup or archive volume is marked as external, i.e. the volume is not available for mounting.

**System Action:** Any files on this disk will not be retrieved. Processing continues for files which are backed up or archived to other disks.

**User Response:** Contact the person responsible for the backup system if it required to retrieve the files.

**Programmer Response:** Make the data available to the user if required.

---

---

**0316E** Error code *code* linking to minidisk *userid cuu*, the minidisk is not restored

**Explanation:** During the restore of a real volume, the specified minidisk could not be linked.

**System Action:** The minidisk is not restored. The operation continues for other minidisks.

**Programmer Response:** Determine the cause of the failure. The minidisk may be restored individually if necessary.

---

**0317E** Error code *code* linking to minidisk *userid cuu*, volume *serial* is not mounted

**Explanation:** During the restore of a real volume, the specified minidisk could not be linked because the volume was not mounted.

**System Action:** The minidisk is not restored. It is likely that the same message will be issued for all minidisks on the volume to be restored.

**Programmer Response:** Ensure the volume is mounted and then retry the restore command.

---

**0318I** Restore of filepool *name* storage group *number* complete

**Explanation:** The requested restore of the specified storage group is now complete.

**System Action:** Processing continues.

**User Response:** None.

---

**0319I** Matching deferred request not found

**Explanation:** A request to cancel a deferred command has been received but a command matching the one to be cancelled cannot be found.

**System Action:** Processing continues.

**User Response:** Check that the command was correctly specified. The command DISPLAY DEFERRED may be used to display deferred commands queued for your user id.

---

**0320E** Backup/Restore in progress; unable to process your request

**Explanation:** A restore, APUT or AGET operation cannot be done at this time because either backup or a volume restore is in progress.

**System Action:** The command is not processed.

**User Response:** Wait until the restore or backup is complete then re-enter the command.

---

**0321E** Error copying files from *userID1 cuu1* to *userID2 cuu2*, RC = *code*

**Explanation:** An error was encountered copying files from one minidisk to another.

**System Action:** Command processing terminates.

**User Response:** Try to determine why the copy failed from the return code.

---

**0322E** No minidisk backed up for volume *valid*

**Explanation:** A request has been received to restore the specified volume. However there is no backup for any minidisks on this volume.

**System Action:** The RESTORE command is not processed.

**User Response:** Check that the correct volume was specified. If so determine why is it not being backed up.

---

**0323E**      **Volume *valid* not found in BACKUP or TAPE VOLUMES for *userid cuu***

**Explanation:** The specified minidisk has one or more items in its backup catalog indicating backup to a volume which could not be found in the BACKUP VOLUMES or TAPE VOLUMES control files, i.e. the volume is unknown.

**System Action:** The item is not processed. Processing may or may not continue for other items depending on the circumstances. Further messages will give the status.

**User Response:** Contact the person responsible for the backup system.

**Programmer Response:** Check the status of the control file and query the backup for the minidisk. If necessary, delete the entry in the catalog using BDELETE or DELETE. Use REMOVE ... DELETE instead if there are many messages referring to a given valid. It is important to regain the integrity of the catalogs.

---

**0324E**      **For *object* the file|part *file name* was not restored**

**Explanation:** The specified CMS file or non-CMS part was not restored because of an error copying it from the backup disk.

**System Action:** Processing continues for other files.

**User Response:** Contact the person responsible for the backup system.

**Programmer Response:** Determine the cause of the failure. This message should be accompanied by others giving more information.

---

**0325I**      **Restore of volume *volser* complete**

**Explanation:** The requested restore of the specified volume is now complete.

**System Action:** Processing continues.

**User Response:** None.

---

**0326I**      **Object *userid object* is not backed up**

**Explanation:** The specified object (minidisk or directory) cannot be restored because it has no backup.

**System Action:** Processing continues for other objects.

**User Response:** If necessary, contact the owner of the object and inform him.

---

**0327E**      **Minidisk *userid cuu* is LINKed R/W and cannot be restored**

**Explanation:** During the restore of a real volume, the specified minidisk was found to be linked by another user in read/write mode.

**System Action:** The minidisk is not restored. The operation continues for other minidisks.

**Programmer Response:** When the user has detached the minidisk it may be restored individually or, if many minidisks failed to restore, the real volume restore may be rerun.

---

**0328I**      **Volume restore requires tape *serial***

**Explanation:** A full volume restore is in progress and will require the specified tape. This message is issued for each tape that will be used.

**System Action:** The restore continues.

**Operator Response:** Obtain the tape ready for mounting when requested.

---

**0329E No filespace backed up for filepool *name* storage group *number***

**Explanation:** A request has been received to restore the specified storage group. However there is no backup for any file spaces in this group.

**System Action:** The RESTORE command is not processed.

**User Response:** Check that the correct file pool and storage group were specified. If so determine why is it not being backed up.

---

**0330E VMCF 38/0C received when no archive volume accessed**

**Explanation:** A subuser received a request to release and detach an archive volume. However no archive volume was accessed.

**System Action:** Processing continues.

**Programmer Response:** Processing should continue without further errors. The cause of the message should be investigated.

---

**0331E VMCF 38/10 received when archive volume already accessed**

**Explanation:** A subuser received VMCF 38/10 - request to format archive volume - when it already had a volume accessed.

**System Action:** Subuser releases accessed volume, accesses specified volume, formats it and processing continues.

**Programmer Response:** Processing should continue without further errors. The cause of the message should be investigated.

---

**0332E Error reading or writing file *file name file type* RC = *code***

**Explanation:** While processing an APUT command, the system been unable to read from or write to the specified file when attempting to update it.

**System Action:** Command processing terminates - system continues.

**User Response:** Inform the administrator.

**Programmer Response:** Use the return code to determine the cause of the error.

---

**0333E Error - trying to read file TAPE VOLUMES**

**Explanation:** While processing a command, an error was encountered when reading the file TAPE VOLUMES in order to locate a tape backup or archive volume.

**System Action:** Command processing terminates - system continues.

**User Response:** Inform the administrator of this message.

**Programmer Response:** Check the 191 minidisk. If necessary recover the file from the 192 or 193 minidisks.

---

**0334E Unable to open *userID cuu* file; RC = *code***

**Explanation:**

1. A subuser has been unable to open the specified 'USERID ARC' file while processing an APUT command. This message goes to the backup manager user id. The user receives message 0346I.
2. A subuser has been unable to open the specified 'USERID ARC' file while processing a COLLECT command.

**System Action:** Command processing terminates - system continues.

**User Response:** For a COLLECT command only inform the administrator.

**Programmer Response:** Check the status of the file. .

---

---

**0335I**      **User id *node name* refused archive. Max allowed blocks exceeded**

**Explanation:** While processing an APUT command a subuser has found that the user has already exceeded his maximum allowed blocks. This message goes to the manager user ID. The user receives message 0345I. The node name of the system where the command was issued is shown in case it was a remote archive command.

**System Action:** Command processing terminates - system continues.

**Programmer Response:** This message is informational. The user can be contacted, if appropriate, to see if he needs more space.

---

**0336I**      **User id *name* refused *operation*. Max allowed levels exceeded**

**Explanation:** The specified user has specified a level higher than he is allowed in a LEVEL parameter.

**System Action:** Command processing terminates - system continues.

**User Response:** Reissue command with a valid LEVEL parameter or omit the LEVEL specification.

---

**0337E**      **No *type* volume available**

**Explanation:** There is currently no volume available to receive backed up or archived files and so no immediate commands can be processed at present.

**System Action:** The command is rejected.

**User Response:** Inform the administrator.

**Programmer Response:** Make more minidisks available if appropriate.

---

**0338I**      **No file *name* found on specified disk**

**Explanation:** During the processing of a command it was found that the minidisk specified to contain the files to be archived or backed up was either empty or contained no files matching the file specification on the command.

**System Action:** Command processing terminates - system continues.

**User Response:** Check that the specification of the minidisk and the files is correct and re-enter the command if necessary.

---

**0339E**      **Unable to *operation* . No free storage available**

**Explanation:** Sufficient storage was not available to process a command.

**System Action:** Command processing terminates - system continues.

**User Response:** Inform the administrator.

**Programmer Response:** Increase the storage size if appropriate.

---

**0340E**      **Unable to archive. Failed to get archive sequence**

**Explanation:** During the operation of an APUT command an error was encountered while attempting to obtain the ARCHIVE SEQUENCE resource.

**System Action:** Command processing terminates - system continues.

**User Response:** Contact the administrator.

**Programmer Response:** Check the 197 minidisk for the file.

---

**0341S      Error - trying to read file BACKUP VOLUMES**

**Explanation:** While processing a command an error was encountered when reading the file BACKUP VOLUMES in order to locate a backup or archive volume.

**System Action:** Command processing terminates - system continues.

**User Response:** Inform the administrator of this message.

**Programmer Response:** Check the 191 minidisk. If necessary recover the file from the 192 or 193 minidisks.

---

**0342E      Unable to find entry for volume *valid* in BACKUP or TAPE VOLUMES**

**Explanation:** During processing of a command a matching entry for an backup or archive volume to be accessed or freed could not be located in the BACKUP VOLUMES or the TAPE VOLUMES file.

**System Action:** Command processing terminates.

**User Response:** Inform the administrator.

**Programmer Response:** Check the file for errors. Recover it from backup if necessary.

---

**0343E      Unable to send "USERID EXEC" to *user id***

**Explanation:** On completion of an APUT command an error was encountered attempting to punch a 'USERID EXEC' file to the user. This file contains the status of the APUT for each archived file. This message goes to the backup manager user ID. The user receives the file ARCHIVE ERROR.

**System Action:** Command processing terminates - system continues.

**User Response:** Follow the instructions in the ARCHIVE ERROR file.

**Programmer Response:** Determine the cause of the failure.

---

**0344E      Unable to obtain device type for minidisk *userID vaddr***

**Explanation:** During the processing of an MDISK PUT or BPUT command, the subsystem was unable to ascertain the device type of the specified minidisk.

**System Action:** The command is terminated.

**Programmer Response:** Determine the reason for the error.

---

**0345I      ARCHIVE request refused - you have exceeded your maximum allowed blocks**

**Explanation:** While processing an APUT command the user has been found to have already archived files which occupy more blocks of archive storage than he is allowed to use.

**System Action:** Command processing terminates - system continues.

**User Response:** Either delete some files from archive by using the ADELETE command or request the administrator to increase the maximum allowed blocks.

---

**0346I      You must issue the ADEFINE command - once only - before you archive any files**

**Explanation:** An APUT command was issued but the user ID under which files are to be archived has not been previously defined to the archive system.

**System Action:** Command processing terminates - system continues.

**User Response:** Issue the ADEFINE command and then reissue the failing APUT command.

---

**0347E Error calculating retention date - operation failed for user id *user***

**Explanation:** During APUT or COLLECT processing a nonzero return code was received from the module which performs retention date calculations.

**System Action:** Command processing terminates - system continues.

**User Response:** Check that the retention period you specified was a positive integer.

---

**0348E Unable to find suitable *type* volume in *file***

**Explanation:** After searching the file BACKUP VOLUMES or TAPE VOLUMES, no suitable backup or archive volume was located.

**System Action:** Command processing terminates - system continues.

**User Response:** Inform the administrator.

**Programmer Response:** See whether more minidisk space is required or more tapes should be added.

---

**0349I MDISK *cmd* command processing started**

**Explanation:** A MDISK operation has been started.

**System Action:** Processing of the command continues.

**User Response:** None - you will be informed when processing is complete.

---

**0350I There is no archive catalog for *name***

**Explanation:** While processing an AGET command the system has been unable to open the archive control file for the specified archive user or pool name.

**System Action:** Processing of the command terminates.

**User Response:** If the user or pool identification has not been defined, issue the ADEFINE command otherwise inform the administrator.

---

**0351I There are no archived minidisks which match the user id *id***

**Explanation:** A MDISK command has been issued for a user ID for whom no minidisks have been archived.

**System Action:** The command terminates.

**User Response:** Resubmit the command with the correct user ID.

---

**0352I Archived minidisk *user id cuu* does not exist**

**Explanation:** A MDISK GET command was issued for a minidisk which had not been archived.

**System Action:** The command is terminated.

**User Response:** Resubmit the command with the correct user ID/*cuu*.

---

**0353E Archived minidisk *uid cuu* already exists**

**Explanation:** A MDISK RENAME was requested and the new name already exists.

**System Action:** The MDISK command aborts, and the system continues.

**User Response:** Reissue the command with correct operands.

---

**0354I BPUT Option NOFORCE not allowed with "FM" parameter. Use "CUU" instead**

**Explanation:** A BPUT command was received with invalid syntax.

**System Action:** The command is terminated.

**User Response:** Correct and re-issue the command.

---

---

**0355E**      **Incorrect size or device type for minidisk** *userID cuu*

**Explanation:** During the processing of a MDISK GET command, the subsystem was unable to ascertain the device type or size of the specified minidisk.

**System Action:** The command is terminated.

**Programmer Response:** Determine the reason for the error.

---

**0356E**      **BY may only be specified with CANCEL**

**Explanation:** The BY option of the AGET, APUT and RETRIEVE commands is only valid when used with the CANCEL option.

**System Action:** The command is terminated.

**User Response:** Correct and re-issue the command.

---

**0357I**      **Highest level you may specify is** *level*

**Explanation:** The user has issued an AGET command specifying a level of file greater than the highest level allowed.

**System Action:** Command processing terminates.

**User Response:** Re-issue the command specifying a valid level.

---

**0358I**      **Restore of** *filename filetype* **to** *userID cuu* **failed with disk full condition, retrying with** *command*

**Explanation:** A restore of the specified file failed because the minidisk became full.

**System Action:** The restore will be retried using the specified command.

**User Response:** If the retry fails, another message will be issued. In this case the file is not restored, but can be retrieved to the virtual card reader by means of the RETRIEVE command.

---

**0359I**      **No backup for migrated file** *filename filetype*, **the file is not retrieved for** *dirname*

**Explanation:** The specified file has not been retrieved or restored because there is no backup for the file.

**System Action:** Processing continues.

**User Response:** One reason for the absence of backup is that the file is migrated and the installation has chosen not to back up such files. Check with the administrator.

---

**0360I**      **AMERGE complete,** *number files* **not merged from** *user id*

**Explanation:** The archive merge was successful. However some files were not merged because of identical file names.

**System Action:** Archive is merged with the exception of the files with identical names.

**User Response:** Re-archive these files under a different name.

---

**0361I**      *command* **for** *cuu* **complete**

**Explanation:** The command has completed and has processed the specified *cuu*.

**System Action:** Processing continues.

---

---

**0362I**     *user id has no archive*

**Explanation:** A command was received which specified a user ID who has no archive.

**System Action:** No archive control files are altered.

**User Response:** Check that the correct user id was specified. If the command is ADEFINE and you are trying to define a new user, make sure you specify both the ACCNT and DEPT parameters.

---

**0363E**     **Merge of archive *user id1* into *user id2* failed**

**Explanation:** The AMERGE command was unsuccessful. The 97W resource could not be obtained, or we could not get storage for the merge.

**System Action:** No archive control files are altered.

**Programmer Response:** Discover why we could not get the 97W or any storage.

---

**0364I**     **File *file name file type* for user id *name* not merged, identical file names**

**Explanation:** The specified file for the first user, on the AMERGE command, has not been merged into the second users archive as user two already has an archived file of the same name.

**System Action:** This archived file will not be merged.

**User Response:** Retrieve this file, rename it and archive it for user two with the new name.

---

**0365E**     **COPY error saving USERID ARC file as *name @ARC*, RC= *code***

**Explanation:** The userID arc file could not be copied. This is done for safety before merging any archive.

**System Action:** No archive is merged.

**User Response:** Discover why the userID arc could not be copied. Most likely cause is a disk full condition.

---

**0366E**     **ARCHIVE not merged, identical names specified**

**Explanation:** Identical archive control file names were specified on the AMERGE command.

**System Action:** The archive control file remains unchanged.

**User Response:** Enter the command correctly.

---

**0367I**     **Owner *owned verb* for *owned***

**Explanation:** An owner has been added or deleted for an owned user ID in the OWNED NAMES file.

**System Action:** Command processing completes.

**User Response:** This is an informational message only.

---

**0368E**     **Owner ID must be different to owned ID**

**Explanation:** You attempted to authorize someone to own themselves.

**System Action:** Command processing completes.

**User Response:** Re-issue the command with different user IDs, if required.

---

---

**0369I**      *process has updated number objects*

**Explanation:** The specified process (e.g. REMOVE) has updated the given number of objects. If *objects* is *catalogs*, then this is the number of catalogs updated. If *objects* is *files*, then this is the number of CMS files plus the number of any NONCMS parts removed.

**System Action:** Command processing completes.

**User Response:** This is an informational message only.

---

**0370E**      **Unable to update *name* - continuing for next user id if any**

**Explanation:** While processing a COLLECT command a subuser has received a nonzero return code when attempting to update the specified USERID ARC file.

**System Action:** Command processing continues for any other user ID.

**User Response:** Investigate reason USERID ARC file cannot be updated.

---

**0371I**      **No files have been archived for any user id matching specification**

**Explanation:** A collect command has been issued but no archived files for the specified 'userID' can be found.

**System Action:** Command processing terminates - system continues.

**User Response:** Re-issue the COLLECT command with the correct user ID specified.

---

**0372E**      **Unable to update BACKUP VOLUMES after COLLECT command has been processed - status of *volume* in BACKUP VOLUMES is incorrect**

**Explanation:** Backup volumes cannot be updated after COLLECT command processing.

**System Action:** Command processing terminates - system continues.

**User Response:** Bring this message to the attention of the administrator.

---

**0373E**      **Unable to process *command* command - no free storage available**

**Explanation:** While processing a command a subuser has been unable to obtain sufficient free storage.

**System Action:** Command processing terminates - system continues.

**User Response:** Contact the administrator. Allow the subusers more virtual storage.

---

**0374I**      **COLLECT processing terminating due to errors**

**Explanation:** During COLLECT processing errors have been encountered as specified in previous messages.

**System Action:** Command processing terminates.

**User Response:** Note messages previously issued.

---

**0375I**      **No archived files match specification for COLLECT**

**Explanation:** During COLLECT processing no files have been found archived for any archive pool satisfying criteria specified in COLLECT command. In other words no files have retention dates greater than retention period specified.

**System Action:** Command processing terminates

**User Response:** Consider the criteria specified and re-issue the command with different retention period.

---

**0376E Error trying to format COLLECT volume *cuu***

**Explanation:** An error occurred while formatting the specified archive volume.

**System Action:** Command processing terminates - system continues.

**User Response:** Contact the administrator.

**Programmer Response:** Try to format the minidisk manually to investigate the error.

---

**0377E Unable to find suitable COLLECT volume in BACKUP VOLUMES - premature end**

**Explanation:** While processing a COLLECT command a subuser has been unable to find an unformatted volume.

**System Action:** Processing terminates.

**User Response:** Contact the administrator.

**Programmer Response:** Define more volumes.

---

**0378I Insufficient space on specified COLLECT volume - collecting to an additional collect volume**

**Explanation:** During COLLECT processing there is insufficient space to collect all files meeting specification to the specified COLLECT volume.

**System Action:** Command processing continues by attempting to obtain an additional COLLECT volume.

**User Response:** Note that files meeting the specified COLLECT criteria have been copied to more than one COLLECT volume.

---

**0379E Specified collect volume is not an archive volume**

**Explanation:** The COLLECT volume specified in a COLLECT command is not a formatted archive volume

**System Action:** Command processing terminates - system continues

**User Response:** Reissue the command with a valid COLLECT volume or none.

---

**0380I No archive information for *user id***

**Explanation:** An archive command was received for a user id, but no catalog for that user id could be found.

**System Action:** The command is terminated.

**User Response:** Correct and re-issue the command if necessary.

---

**0381E Specified volume *cuu* is not an archive volume**

**Explanation:** While processing an EXTERNAL command the volume specified in the command has been found not to be an archive volume. Only archive volumes may be made external.

**System Action:** Command processing terminates - system continues.

**User Response:** Re-issue the command specifying the correct volume.

---

**0382E *cuu* was already *status***

**Explanation:** While processing a EXTERNAL command the volume specified in the command has been found in to be already in the status specified in the command.

**System Action:** Command processing terminates - system continues.

**User Response:** Check that the correct volume was specified.

---

---

**0383E Specified volume *cuu* is in use**

**Explanation:** While processing an EXTERNAL command the volume specified in the command has been found to be marked in BACKUP VOLUMES as being in use.

**System Action:** Command processing terminates - system continues.

**User Response:** Investigate why the volume is in use and consider whether that volume should be made external.

---

**0384I Collecting archived files to *user id cuu***

**Explanation:** This message appears during COLLECT command processing and indicates to which minidisk archived files are being copied.

**System Action:** Processing continues.

---

**0385E Specified volume is not a twin**

**Explanation:** While processing a TWERP command the volume specified in the command has been found not to be a twin archive volume.

**System Action:** Command processing terminates - system continues.

**User Response:** Re-issue the command specifying the correct volume.

---

**0386I Error copying file *filename filetype* from archive volume *volser*. RC = *code***

**Explanation:** While processing a COLLECT command archive data *filename filetype* from the archive volume with the internal valid *volser* could not be copied. The archive control file(s) will still point to the identified archive volume after the COLLECT completes.

**System Action:** Command processing continues.

**User Response:** Determine the cause of the COPY error based on the return code and reissue the COLLECT command if the cause can be eliminated.

---

**0387I File *filename filetype* not copied as archive volume *volser* is marked EXTERNAL.**

**Explanation:** While processing a COLLECT command, archive data *filename filetype* from the archive volume with the internal valid *volser* could not be copied. The archive volume is defined as not accessible (EXTERNAL). The archive control file(s) will still point to the identified archive volume after the COLLECT completes.

**System Action:** Command processing continues.

**User Response:** Optionally, after making the archive volume INTERNAL again, reissue the COLLECT command.

---

**0388I Copying files from *cuu* to tape *cuu(label)***

**Explanation:** During an operation such as a REMOVE command or tape spill, files are about to be copied to the specified tape.

**System Action:** Processing continues.

**User Response:** None.

**Programmer Response:** None.

---

**0389I The option *option* is invalid for *name name***

**Explanation:** A command was received specifying an option which, though a valid option for the command, is not allowed for a particular circumstance.

**System Action:** The command is terminated.

**User Response:** Check the description of the command in the documentation.

**Programmer Response:** None.

---

**0390E      The option *option* is invalid**

**Explanation:** An archive command was issued but the specified option was invalid.

**System Action:** The command is terminated.

**User Response:** Reissue the command with the correct option.

---

**0391E      RETAIN value exceeds the maximum allowed of *value* months**

**Explanation:** An archive command was issued with a RETAIN option and the value specified exceeds the value set by the installation as the maximum permissible.

**System Action:** The command is terminated.

**User Response:** Reissue the command with a valid value or omit the RETAIN option to get the system default.

---

**0392E      LEVEL and ALL may not both be specified**

**Explanation:** An archive command was issued specifying both LEVEL and ALL but these are alternatives.

**System Action:** The command is terminated.

**User Response:** Reissue the command with the correct option.

---

**0393E      You are not an OWNER of user id *name***

**Explanation:** An archive command was issued with the FOR or FROM option specifying a user ID for which the command issuing user ID is not authorized.

**System Action:** The command is terminated.

**User Response:** If authorization is required contact the administrator.

---

**0394E      NOW and CANCEL may not both be specified**

**Explanation:** An archive command was issued specifying both NOW and CANCEL but these are alternatives.

**System Action:** The command is terminated.

**User Response:** Reissue the command with the correct option.

---

**0395E      Illegal value specified for *option***

**Explanation:** An archive command was issued with an illegal value specified for the given option, for example a non-numeric value where one is required or the characters \* or % in an APUT tag specification.

**System Action:** The command is terminated.

**User Response:** Reissue the command with the correct value.

---

**0396E      Invalid date *date* specified**

**Explanation:** A command was issued which required a date but the date was not specified correctly. Dates must be given in the form ddmmyy, where dd and yy are numeric and mmm is a mnemonic month, e.g. 10OCT95.

**System Action:** The command is terminated.

**User Response:** Reissue the command with a valid date.

---

---

**0397E Invalid class *class* specified**

**Explanation:** A command was issued with the CLASS operand but the class character given was not a valid one as defined by the installation.

**System Action:** The command is terminated.

**User Response:** Determine the valid classes for the installation and reissue the command.

---

**0398E Archive commands are not allowed on this system**

**Explanation:** An archive command was received. However the system was not generated to perform archive functions.

**System Action:** The command is terminated.

**User Response:** Contact the administrator. It may be possible to your archive request to another system.

---

**0399I *command* command routed to HOST ( *user id at system* ) for processing.**

**Explanation:** The specified command (*command*) cannot be processed on a SHARED system. It has been sent to the HOST system for processing.

**System Action:** Processing continues.

**User Response:** None.

---

**0400E Illegal value *value* specified for option for minidisk *userID cuu***

**Explanation:** A BUMPA command was issued for a backup catalogue file, but the value of the parameter for one of the options was invalid.

**System Action:** The command is terminated.

**User Response:** Reissue the command with the correct value.

---

**0401E *userID1* already exists in OWNED NAMES, *userID2* not renamed**

**Explanation:** During a RENAME command, the list of general users authorized to act for other users is updated in the OWNED NAMES control file. The new user ID was found to already exist in the file, which is an invalid condition, and hence the update of this file was aborted.

**System Action:** Processing of the RENAME command continues, only the OWNED NAMES file is not updated.

**Programmer Response:** Determine why the error occurred and correct the OWNED NAMES file entries.

---

**0402E File *file name file type* for *userID cuu* cannot be found on volume *cuu***

**Explanation:** The specified file could not be found on a backup or archive volume. This message may occur during several processes: spill to tape, minidisk reorganization, the execution of the REMOVE command, or during a DBR dump process.

**System Action:** If it occurs during a backup reorganization or spill, the entry for the file is removed from the catalog file and the user's file is backed up again at the next backup cycle. If it occurs during a REMOVE command, processing continues with the next file. If it occurs during a DBR dump process, the indicated file cannot be dumped to tape because it can neither be found on the backup volume nor can it be recreated from the users minidisk. If the error occurs during archive reorganization or spill, the situation is more serious since it can mean archive data has been lost. In this case, the operation is aborted (unless it is a reorganization that was started with the FORCE option). The reason for the missing file should be investigated. If the error occurs during spill, it may be possible to recover the data from the backup of the archive minidisk. If not, ADELETE will have to be used to delete the relevant catalog entries for the spill to succeed next time. In the case of a reorganization, use of the FORCE option will allow the operation to

complete but the catalogs should be cleaned up with ADELETE to avoid the error occurring again.

**User Response:** None.

**0403E      RENAME for *file name file type* failed, RC = *code***

**Explanation:** A RENAME command received an error when attempting to rename a control file. In the case where the rename is from one user ID to another both the backup and archive control files are renamed. This message may therefore appear if the user ID has backup but no archive or vice versa, in which case the message is normal and should be ignored.

**System Action:** The specified rename does not take place.

**User Response:** Check that the specified user ID has backup or archive data. The QUERY and AQUERY commands may be used to do this.

**0404E      *cuu/volser* could not be found in file *name* VOLUMES**

**Explanation:** a command terminated because the specified cuu or volume serial number could not be located in control file BACKUP VOLUMES for a DASD backup minidisk or TAPE VOLUMES for a tape backup volume.

**System Action:** The command is aborted.

**User Response:** Issue the command with the correct cuu or volume serial number.

**0405E      Volume is not marked as reusable**

**Explanation:** A REUSE command terminated because the specified cuu was not marked as reusable.

**System Action:** The REUSE command is aborted.

**User Response:** Check the specified cuu. It must have been removed by means of a REMOVE command before a REUSE may be done.

**0406I      Volume now usable; marked as *type***

**Explanation:** A REUSE command was completed. This message states that the backup or archive volume is now able to be used again.

**System Action:** Processing continues.

**User Response:** None.

**0408S      Volser *serial* not found for user id *name***

**Explanation:** Resource Controller got a VMCF 4,GET,VOLSER= request and cannot find the volser in BACKUP VOLUMES.

**System Action:** The system continues.

**Programmer Response:** Check the status of the BACKUP VOLUMES file.

**0409I      Error while freeing CUU *cuu***

**Explanation:** Resource Controller detects that someone has tried to free a resource which could not be located in the internal resource tables.

**System Action:** The system continues.

**Programmer Response:** This message indicates an internal error. Try to determine the cause.

---

**0410E Error occurred during delete from DA-queue from *userID***

**Explanation:** The Resource Controller has been requested to free a resource which could not be located in the internal resource tables, i.e. the resource has not been acquired.

**System Action:** The system continues.

**Programmer Response:** This message may mean an internal error has occurred. Try to determine the cause.

---

**0411I All blocks freed on a LOGOFF request for user id *name***

**Explanation:** The Resource Controller has received a logoff request to free all resources for the user id and it has done so. This is normal at the end of backup when subusers are no longer required.

**System Action:** The system continues.

**User Response:** None.

---

**0412E No USERID CUU found on INTERFACE 191 in mode E1**

**Explanation:** A LISTFILE macro for Interface minidisk 191 fails; no USERID CUU file could be located. This could indicate that the minidisk has been destroyed.

**System Action:** The system stops or if the error occurred in a command, the command is aborted.

**Programmer Response:** Check the Interface 191 disk and restore it if necessary from the Interface 192 or 193 disks.

---

**0413E REMOVE process could not complete as file *name* VOLUMES could not be found**

**Explanation:** A command is aborted because of the missing control file BACKUP or TAPE VOLUMES on Interface minidisk 191.

**System Action:** The command is aborted.

**Programmer Response:** Check the status of the Interface 191 disk. If necessary restore files from the Interface 192 or 193 disks.

---

**0414E Backup volume *cuu* could not be found in file *name* VOLUMES**

**Explanation:** A REMOVE command is aborted because the specified *cuu* or *volser*, which is to be removed, could not be located in the control file BACKUP VOLUMES for a DASD backup minidisk or TAPE volumes for a tape backup volume.

**System Action:** The REMOVE command is aborted.

**User Response:** Check if your specified *cuu* is right via the DISPLAY VOLUME *cuu*|ALL or DISPLAY TAPE *cuu*|ALL

---

**0415I REMOVE not necessary; volume status is *status***

**Explanation:** A REMOVE command has been issued for a volume which may be removed without going through the REMOVE process.

**System Action:** The REMOVE command is completed.

**User Response:** The the volume may be removed now.

---

**0416I I/O error occurs during remove of used file *file name* *file type***

**Explanation:** A REMOVE command detects an I/O error while trying to copy the specified file to another backup volume.

**System Action:** The REMOVE command continues. The backup file is not removed.

**User Response:** None. A new backup file will be created in the next backup cycle.

---

**0417E REMOVE process aborted, no usable backup volume could be found**

**Explanation:** A REMOVE command aborted because it needed another backup volume to copy backup data and one could not be found.

**System Action:** The REMOVE command is aborted.

**User Response:** Add a new backup minidisk to the system and try the REMOVE command again.

---

**0418E SHOWDISK process aborted; unable to read file DIROUT SORTED RC = rc**

**Explanation:** An internal error occurred processing a SHOWDISK command.

**System Action:** The command is terminated.

**Programmer Response:** Determine the cause of the error.

---

**0419I command command started for backup volume cuu**

**Explanation:** The command has started execution and will process the specified backup volume.

**System Action:** Processing of the command continues.

**User Response:** None - you will be informed when processing is complete.

---

**0420I command command is going to process number backup control files**

**Explanation:** This message indicates the total number of control files to be processed. It will be followed by 0421I messages giving the progress of the command.

**System Action:** Processing of the command continues.

**User Response:** None - you will be informed when processing is complete.

---

**0421I command command has processed number backup control files so far**

**Explanation:** This is a progress message for the specified command. Message 0420I should already have been issued giving the total number of control files to be processed.

**System Action:** Processing of the command continues.

**User Response:** None - you will be informed when processing is complete.

---

**0422E CMSDDR error userID cuu; RC = code**

**Explanation:** The DDR program gave an error return code after attempting to dump to or restore from a CMS file.

**System Action:** The system continues.

**User Response:** Use the return code to determine the cause of the error.

---

**0423E user id cuu not linked, minidisk not restored**

**Explanation:** A Subuser tried to link a users minidisk to execute a RESTORE request, but a user was linked to the minidisk and did not detach it when requested. The restore process is aborted.

**System Action:** The system continues.

**User Response:** Repeat the operation when the minidisk is not in use.

---

**0424E Error while DDRing from minidisk to minidisk; RC = code**

**Explanation:** A Subuser detected an error during a DDR process from one minidisk to another.

**System Action:** The system continues.

**User Response:** User the return code to determine the cause of the error.

---

---

**0426W VMCF 1010 with backup volume already accessed**

**Explanation:** A Subuser received a VMCF 1010, a request to format a backup volume but it already has a backup volume accessed.

**System Action:** The system continues, the subuser detaches the old backup minidisk and uses the new one.

**Programmer Response:** The system should continue without error but the cause of the message should be investigated.

---

**0427W VMCF 100C with no backup volume accessed**

**Explanation:** A Subuser received a VMCF 100C call which is a request to release a backup minidisk. However the minidisk is not accessed.

**System Action:** The system continues.

**Programmer Response:** The system should continue without error but the cause of the message should be investigated.

---

**0428E File *file name* is unreadable on minidisk *user id cuu* RC= *code***

**Explanation:** A subuser cannot back up a file from a user minidisk because the copy operation failed.

**System Action:** The file is not backed up.

**Programmer Response:** This message may mean that the file was being updated at the time. In this situation the file will be backed up in the next cycle. If the message recurs it may indicate a corrupt minidisk.

---

**0429E No file *file id* for object *user id cuu***

**Explanation:** A subuser is copying a file for backup and has used the LISTFILE macro in order to extract file information. However the macro failed to locate the file on the specified minidisk.

**System Action:** The system continues. Incorrect data may be recorded for the file.

**User Response:** None.

---

**0430E VHECODE *code* during CMSDDR of *user id vaddr* from subuser *user id***

**Explanation:** The backup controller detected that a subuser has had an error while backing up a non-CMS minidisk.

**System Action:** The backup for that minidisk is not completed.

**Programmer Response:** Use the VHECODE to establish the type of error that occurred. It may indicate a possible hardware error. The following are typical codes:

```
04 DDR error
14 Error linking backup volume
```

**User Response:** Contact the systems programmer.

---

**0431E Backup volume scan located a *type* BV. Check contents of volume *cuu***

**Explanation:** At the start of backup, the backup controller has detected either a change in a backup minidisk or its deletion from the CP directory. *cuu* gives the *cuu* of the minidisk in the nolog user ID directory. The minidisk is one which is currently in use.

For *type changed*, the cause is either a mismatch in the real volser, or a mismatch in the number of cylinders (but the value is still non-zero) and the BV is flagged as used but not flagged for REUSE.

For *type deleted*, the BV has been deleted from the CP directory but it was flagged as used and the REUSE flag was not set.

**System Action:** The system continues to use the volume.

**Programmer Response:** Check the status of the specified volume to determine the cause of the message.

For *type changed* it may be appropriate to correct the number of cylinders or the real label by using the VOLMAINT command. Otherwise the REMOVE command can be used to remove the volume from use, although this may result in the loss of data.

**0432I      Subuser *name* not in TCHAIN**

**Explanation:** The backup controller cannot find a queue entry (TCHAIN) which matches the subuser who sent the VMCF parameter. The VMCF parameter is ignored.

**System Action:** The system continues.

**Programmer Response:** This indicates an internal error.

**0433I      *a b c d e f g h***

**Explanation:** This is a backup controller trace message.

a = ffn      file name  
 b = fft      file type  
 c = fprecno USERID CUU record number  
 d = fbft      backup file type/sequence number  
 e = fstatus2 backup status byte  
 f = fcfdate   file date (YYDDD)  
 g = fcftime   file time (HHMM)  
 h = fblocks   number of blocks

**System Action:** The system continues.

**User Response:** None.

**0434E      NOLOG user id *user id* not found in directory**

**Explanation:** During the backup process the user id defined in the installation options as the owner of the subsystem volumes could not be found in the directory.

**System Action:** The backup process ends.

**User Response:** None.

**0435I      *operation completed***

**Explanation:** The backup controller has determined that it has completed backing up all minidisks which it was required to back up or that it has completed a disaster backup run for all minidisks it was required to back up.

**System Action:** The backup controller is logged off.

**User Response:** None.

**0436I      No data to be backed up**

**Explanation:** The backup controller has determined that there is no backup work to be done. This most commonly occurs at the start of the second cycle of backup when backup was completely finished in the first cycle.

**System Action:** The backup controller is logged off.

**User Response:** None.

**0437I      Need *number* more backup volumes for REORG**

**Explanation:** The backup controller requires the specified number of backup volumes to be able to perform a reorganization.

**System Action:** Reorganization will not be performed.

**Programmer Response:** Add new backup volumes.

---

**0438E No BACKUP VOLUMES; backup stopping**

**Explanation:** The backup controller is unable to start the backup process because it cannot locate the file BACKUP VOLUMES which defines the backup minidisks or the nolog user id cannot be located in the VM directory.

**System Action:** The backup controller is logged off.

**Programmer Response:** If the file has been destroyed then restore it from either the Interface 192 or 193 minidisk which provide backup for the Interface 191 disk. If the second message is also shown, add the nolog user id to the directory with some backup volumes.

---

**0439E EOF found in DEFERRED COMMANDS before a matching command was found**

**Explanation:** Backup controller received a request to process a deferred command and the passed command did not match any entry in the file "DEFERRED COMMANDS".

**System Action:** The system continues.

**Programmer Response:** Check who has destroyed the command.

---

**0440I All data has been processed**

**Explanation:** This message is issued on the completion of backup by the backup controller. It indicates that all minidisks have been processed for backup and that the backup process will therefore now terminate.

**System Action:** The system continues once backup terminates.

**User Response:** None.

---

**0441I Backup catalog for *object* is empty and has been deleted**

**Explanation:** During backup processing a catalog file has been found which contains no useful data. It has been erased.

**System Action:** Processing continues.

**User Response:** None. The file may have been the result of an error in the past. If the message appears regularly check for any error messages previously produced which might indicate a problem.

---

**0442I File *filename filetype level number* for *userid cuu* deleted from the catalog**

**Explanation:** This message may result from a reorganization where FORCE was specified. It indicates that the specified file has not been copied and so has been deleted from the appropriate catalog.

**System Action:** The process continues.

**User Response:** The file is now lost. In the case of backup, a new backup will be created at the next backup cycle. In the case of archive, the owner should be notified that the file is no longer retrievable.

---

**0443I Twin *cuu* for tape *cuu* has different statistics, the tape is not used**

**Explanation:** The installation has specified that twin archive tapes are to be used. During the tape spill process, an archive tape has been found which has a twin but the statistics recorded for the twin are not the same as the archive tape. These statistics include such things as the number of files on the tape and the number of blocks.

**System Action:** The tape is not used for spill and the system looks for another tape to use instead.

**Programmer Response:** Check the status of the tapes. If necessary, remove the twin and reorganize the archive tape to create a new one.

---

**0444E EOF found in DIROUT DATA before current CUU could be located**

**Explanation:** The backup controller could not locate the minidisk at which it is to start backup in the DIROUT DATA file.

**System Action:** The backup process does not start.

**Programmer Response:** Investigate the reason why the minidisk does not appear in DIROUT DATA.

---

**0445I No twin for tape *cuu*, the tape is not used**

**Explanation:** The installation has specified that twin archive tapes are to be used. During the tape spill process, an archive tape has been found which has no twin.

**System Action:** The tape is not used for spill and the system looks for another tape to use instead.

**Programmer Response:** A twin should be created as soon as possible so that the archive tape has a backup. This may be achieved by reorganizing the tape.

---

**0446E No reorg volume for subuser *name***

**Explanation:** A subuser could not be allocated a volume for reorganization because all the volumes reserved for reorganization are currently in use.

**System Action:** The subuser is no longer used.

**User Response:** Add more backup volumes, some of which will be automatically reserved for reorganization at the next backup cycle.

---

**0447I No *type* volume to reorg for *name***

**Explanation:** There are no volumes available for reorganization to allow for reclamation of space. This message is normal at the end of the reorganization process when there are no more volumes to process. It means that there are no more volumes eligible for reorganization.

**System Action:** No reorganization is performed.

**User Response:** From time to time, check the status of the volumes. If necessary, add more or adjust the period for reorganization.

---

**0448I All volumes have been reorged**

**Explanation:** There are no backup or archive volumes which are due for reorganization. (i.e. no backup volume has been full for a number of days equal to the EREORG installation parameter and no archive volume has been full for a number of days equal to the EAREORG installation parameter).

**System Action:** Processing continues.

**User Response:** None.

---

**0449I No suitable minidisk to tape dump for subuser *name***

**Explanation:** A disk to tape spill operation has started either because no space is available on disk during backup or because of a START TAPEDUMP command. A subuser could not be allocated a minidisk to spill to tape because no suitable minidisk was found.

**System Action:** Processing continues.

**User Response:** This message is normal when all the minidisks have been processed. If this message appears after START TAPEDUMP and no minidisks have been processed, check the specification on the command and issue it again if necessary.

---

---

**0450E Error while copying *name1 vaddr1* to *name2 vaddr2*; RC = *rc***

**Explanation:** An error occurred copying files from the source minidisk (*name1 vaddr1*) to the target minidisk (*name2 vaddr2*).

**System Action:** Command processing terminates.

**User Response:** Use the return code specified in the message to determine why the copy failed. It may be necessary to link to the minidisks concerned to try to recreate the error.

---

**0451E EOF found in *file name file type* before *file name file type* found**

**Explanation:** During tape spill or tape reorganization a file could not be found in the specified catalog when trying to update the catalog records.

**System Action:** Processing continues.

**Programmer Response:** This may be an internal logic error. At the start of tape spill or reorganization the file was present in the catalog but it was not found later when the catalog was being updated. Check that nothing else could have interfered with the catalog files during the spill or reorganization.

---

**0452E UC macro error for catalog *user id*; RC = *rc***

**Explanation:** An error was detected while attempting an operation on the specified catalog file.

**System Action:** The command is terminated.

**Programmer Response:** Determine the cause of the error.

---

**0453E *file name* EOF found before *bfm bft* could be found**

**Explanation:** The backup copy could not be found in the specified catalog file.

**System Action:** Command terminated.

**User Response:** Reissue the command with the correct file name and file type if necessary.

---

**0454E *file name* does not exist, command aborted; RC = *rc***

**Explanation:** The specified catalog file does not exist. The return code shown is that from OPEN.

**System Action:** Command terminated.

**User Response:** Reissue the command with the correct name if necessary.

---

**0455E FORMAT error on *name vaddr*; RC = *rc***

**Explanation:** An error occurred formatting the disk *vaddr* of userID *name*.

**System Action:** If this message is in response to a command, then the command is terminated. Otherwise, the system continues.

**User Response:** Use the return code in the message to determine the cause of the error. It may be indicative of a DASD hardware problem.

---

**0456I Minidisk *name vaddr* re-formatted to CMS**

**Explanation:** A user has re-formatted a minidisk to CMS, where it was Non-CMS formatted at the previous backup cycle.

**System Action:** The system continues but the minidisk is excluded from the backup process.

**User Response:** The owner should be contacted to check whether backup should be reactivated for the minidisk. This reactivation can be performed by the owner or the administrator, using the BACKUP command.

---

**0457S**      **No space available for minidisk** *name vaddr* **NVOLSER** *volser* **BLKSREQ** *blocks*

**Explanation:** There is insufficient space on the backup volumes to allow the minidisk *name vaddr* to be backed up. The volume label is shown as *volser* and *blocks* is the number of blocks required.

**System Action:** The minidisk will not be fully backed up during this backup cycle.

**User Response:** This may indicate a shortage of backup volumes, in which case more should be added.

---

**0458I**      **Minidisk** *name vaddr* **re-formatted to** *type*

**Explanation:** A user has re-formatted a minidisk to *type*, where it was CMS formatted at the previous backup cycle.

**System Action:** The system continues but the minidisk is excluded from the backup process. The backup copies of the CMS files from this minidisk will be erased after an installation defined time period.

**User Response:** The owner should be contacted to check whether backup should be reactivated for the minidisk. This reactivation can be performed by the owner or the administrator, using the BACKUP command.

---

**0459E**      **Bad BLKSREQ value** *blocks*

**Explanation:** A request was made for a number of blocks greater than the maximum number of blocks on any backup volume. The number of blocks requested is shown in hexadecimal by *blocks*.

**System Action:** The system continues but some data will not have been backed up.

**User Response:** Create larger backup volumes if necessary.

---

**0460I**      **Maximum number of** *type* **minidisks reached**

**Explanation:** A request was made for a number of blocks which could not be located on any backup minidisk. A new one could not be formatted because the maximum number of *type* minidisks has been reached.

**System Action:** The system continues. This message is normal when tape spill is used for backup. In the case where tape spill is not used, some data may not have been backed up. For archive, the APUT command is terminated.

**User Response:** If tape spill is not in use for backup, either add more minidisks or increase the installation options to allow more backup or archive minidisks as appropriate.

---

**0461I**      **No** *type* **space - will try to use unformatted volume**

**Explanation:** No space was found on existing formatted backup volumes for *type* processing. A search will be made for a suitable unformatted volume.

**System Action:** The system continues.

**User Response:** This might indicate a shortage of backup volumes, if the message occurs frequently. Either add more volumes or increase the installation options to allow more backup or archive volumes as appropriate.

---

**0462S**      **Catalog file** *fileid* **cannot be opened - REORG stopped**

**Explanation:** An error occurred while opening the catalog file denoted by *fileid*.

**System Action:** The REORG process is stopped but normal processing continues.

**Programmer Response:** Check the catalog file on the appropriate interface minidisk for errors. Recover the copy of the catalog file from the backup minidisk if necessary.

---

**0463S      Catalog file *fileid* has zero copies, file skipped**

**Explanation:** During the reorganization of a backup volume the catalog file *fileid* was found to contain a value of zero for the number of backup copies. This should never occur.

**System Action:** The file is ignored for the purposes of the process of reorganization. This will mean that any data on volumes being reorganized will be lost.

**Programmer Response:** Examine the catalog file to check it appears to be otherwise valid. A fresh backup should be initiated for the minidisk in question.

---

**0464E      No archive volume available to do deferred APUT. Please add more volumes.**

**Explanation:** During deferred archive processing, no suitable archive volume was found.

**System Action:** The deferred APUT command is terminated. The system continues processing.

**User Response:** Either add more volumes or increase the installation option to allow for more archive volumes.

---

**0465E      Too many file copy failures - REORG stopped**

**Explanation:** The REORG process has been stopped because an excessive number of file copy operations have failed. This can indicate a hardware problem.

**System Action:** The reorganization in progress is stopped, but the backup process continues.

**User Response:** Establish whether there is a hardware problem. It may be necessary to link the both minidisks to recreate the problem. Previous messages will have been issued indicating what files failed to copy.

---

**0466E      Copy of *uid MIG I1* to *uid \$\$MIG\$\$ I1* failed with return code *code***

**Explanation:** During processing of a MDISK command, a file copy failed with the specified return code.

**System Action:** The MDISK command aborts, and the system continues.

**User Response:** Establish the reason for the copy failure by checking the return code for COPYFILE. Also check the archive catalogue minidisk to determine if corrective action is necessary to recover from the aborted command.

---

**0467E      Erase of *uid MIG I1* gave return code *code***

**Explanation:** During processing of a MDISK command, a file erase failed with the specified return code.

**System Action:** The MDISK command aborts, and the system continues.

**User Response:** Establish the reason for the erase failure by checking the return code for ERASE. Also check the archive catalogue minidisk to determine if corrective action is necessary to recover from the aborted command.

---

**0468E      Rename of *uid \$\$MIG\$\$ I1* to *uid MIG I1* failed with return code *code***

**Explanation:** During processing of a MDISK command, a file rename failed with the specified return code.

**System Action:** The MDISK command aborts, and the system continues.

**User Response:** Establish the reason for the erase failure by checking the return code for RENAME. Also check the archive catalogue minidisk to determine if corrective action is necessary to recover from the aborted command.

---

**0469I File *uid* MIG has been created**

**Explanation:** During processing of a MDISK command, a new archive catalogue file was created.

**System Action:** This is normal, and the system continues.

**User Response:** None.

---

**0470E Device type *type* cannot be found in device table HDFSH3**

**Explanation:** The indicated device type *type* cannot be located in an internal device table.

**System Action:** The command is terminated.

**User Response:** If the device type is correct, then contact your support center.

---

**0471I Overlay error detected on volser *volser* with user id *vaddr* at cyl/block number**

**Explanation:** During a "SHOWDISK ( SUMMARY" command, the minidisk stated was found to be overlaid by another one.

**System Action:** The command terminates.

**User Response:** If the minidisk overlap is intentional, then update the EXCLUDE file on the interface 191 minidisk as appropriate. If it is unintentional, then it might indicate an error in the source directory file.

---

**0472E Cuu *vaddr* is formatted and cannot be used for the ATRANSFER process**

**Explanation:** An ATRANSFER command has been received specifying a backup volume which is already in use. It therefore cannot be used.

**System Action:** The command terminates.

**User Response:** An unformatted volume must be specified for *vaddr*.

---

**0473I Cuu *vaddr* marked as EXTERNAL ARCHIVE volume with internal label *volser***

**Explanation:** The backup volume *vaddr* is now reserved for the transfer of archive data to another machine.

**System Action:** The system continues.

**User Response:** Remember the internal label *volser*, as it will need to be specified on the target system.

---

**0474E Error while renaming archive data *fname1 ftype1* to *fname2 ftype2*; R C = *rc***

**Explanation:** During an ATRANSFER command with the RESEQ option, some archive data cannot be merged because a RENAME command failed.

**System Action:** The command terminates with errors.

**User Response:** Use the information in the message to determine why the RENAME failed.

---

**0475S Archive data to be merged cannot be found in the chain**

**Explanation:** During an ATRANSFER command some data cannot be merged probably because an internal error occurred. The archive date cannot be found in the "lookaside chain" and therefore there is no sequence number to be used for the RENAME command. This error should not occur.

**System Action:** The command terminates with errors.

**Programmer Response:** Try to determine why the date is not in the chain.

---

---

**0476E**      **There are no archive data files on minidisk** *user id vaddr*

**Explanation:** During an ATRANSFER command, no archive data was found to be merged into the system.

**System Action:** The command terminates.

**User Response:** Check that the correct virtual address *vaddr* was specified on the command. Alternatively, check that the other steps in the process of transferring data were performed successfully.

---

**0477I**      **File** *fname ftype* **successfully copied**

**Explanation:** The specified file has been successfully copied. This message may be issued after a previous attempt to copy the file failed and it shows that a retry was successful.

**User Response:** None.

---

**0478I**      **Rewinding tape** *vaddr*

**Explanation:** The tape on the specified virtual address is being rewound.

**User Response:** None.

---

**0479E**      **Unable to load file** *fname ftype* **from tape** *external label (internal label);*  
**RC = rc**

**Explanation:** The specified file could not be loaded from tape.

**System Action:** The file is not loaded. Processing continues for the next file, if any.

**User Response:** If this error continually occurs on the same tape drive then it may indicate a hardware problem. If the tape is subject to the same errors when used in the future, it may indicate a media error. In this case it is recommended that the tape is then replaced. To do this issue a REMOVE with the DELETE parameter to cause a fresh backup of the data which is contained on the tape. Then use the TAPE command to remove the tape from the inventory.

---

**0480I**      **Tape** *label* **on virtual drive** *vdev* **rejected by HDFXLC exit, RC = rc**

**Explanation:** During tape mount processing, BARS/VM calls the HDFXLC user exit to allow an installation to validate HDR1 labels written via the HDFXLB user exit. If the exit returns a non-zero return code, the mount is assumed to have failed.

**System Action:** The same action is taken as for when an incorrect tape is mounted.

**Operator Response:** Mount another tape if requested.

---

**0481I**      **Restarted subuser** *user id* **was processing** *user id vaddr* **to backup volume**  
*vaddr*

**Explanation:** The subsystem has restarted the specified subuser. This message indicates which minidisk and backup volume were last active.

**System Action:** The system continues.

**Programmer Response:** If the reason for the restart cannot be determined from previous messages, then it may indicate that an unexpected situation occurred which caused the subuser to logoff. Typically, this will be because of either hardware or data errors on one of the mini-disks which were in use. Try manually accessing both minidisks to re-create the problem.

---

**0482E**      **Volume label on tape mounted was *label*, this tape is not defined**

**Explanation:** In response to a request to mount a tape from the backup tape pool, an incorrect tape has been mounted. The label in the message is the VOL1 label of the tape that was mounted.

**System Action:** The incorrect tape is detached and a mount request is re-issued.

**Operator Response:** Mount the correct tape.

---

**0483E**      **No minidisks match specification *user id vaddr*; no DBR run started**

**Explanation:** A DBR START command has been received, but there are no minidisks which match the specification.

**System Action:** The DBR run terminates.

**User Response:** Correct and re-issue the command if necessary.

---

**0484E**      **Duplicate tape file number for *userid cuu filename filetype***

**Explanation:** During tape reorganization a file has been found with the same tape file number as a previous file.

**System Action:** The file is ignored.

**User Response:** Query the backup and look for errors. Remove the errors using BDELETE if necessary.

---

**0485E**      **Tape *label* on virtual drive *vdev* was requested R/W, but is *condition***

**Explanation:** During tape mount processing, BARS/VM verifies that the tape and drive are write-enabled if the mount request specified R/W. This message is issued when both these conditions are not met. The *condition* clause will be write-protected if the tape itself is not R/W, or attached R/O if the drive is not attached R/W.

**System Action:** The mount will be treated as a failure, and the appropriate action taken.

**Operator Response:** Ensure the tape and drive are R/W when a R/W mount is requested.

---

**0486E**      **Error unloading tape *address*; R C = *rc***

**Explanation:** An unload for the specified tape failed. The return code shown is that from the unload.

**System Action:** The system continues. This error is probably caused by a hardware failure.

**User Response:** Verify that the system is continuing successfully. It may be necessary to check the tape unit and unload the tape manually.

---

**0487A**      **Mount *tape number vaddr mode* for user *user id***

**Explanation:** A tape mount has been requested for the specified user ID.

**System Action:** The subuser *user id* waits for the correct tape to be attached to it. If the tape is not mounted within an installation defined time period, then further requests will be generated for different tapes in the pool.

**Operator Response:** CP ATTACH the requested tape to the subuser named in the message, with or without write protection as appropriate.

---

---

**0488S Invalid VHECODE = *code* , origin *user id***

**Explanation:** A VMCF block was received with a VHECODE which is invalid. This may indicate an internal error.

**System Action:** The system continues processing, but some commands or functions may produce unpredictable results.

**Programmer Response:** Establish why the originating user ID *user id* was able to generate an invalid code. If the user ID is a subuser, then it may be an internal problem. If it is a general user, then check the validity of the module which communicates with the interface virtual machine.

---

**0489E Read/Write error copying *fname ftype* to tape *elabel (ilabel)* from minidisk *vaddr*; RC = *rc***

**Explanation:** An error occurred while copying the specified file *fname ftype* from backup volume *vaddr* to tape number *elabel*.

**System Action:** The file is marked as not backed up, and the process continues. If it is a backup file, backup for that file will take place again at the next backup cycle.

**User Response:** Check the specified file.

---

**0490E More than 10 Read/Write errors dumping from minidisk *user id cuu* to tape *external label(internal label)***

**Explanation:** An error occurred trying to dump a file to tape. The total number of errors during the process exceeded 10.

**System Action:** The tape is marked full and another requested.

**User Response:** Check the tape.

---

**0491E Volume label on tape mounted was *aaaaaa*, label for tape *bbbbbb* should be *cccccc***

**Explanation:** An incorrect tape has been mounted:

aaaaaa = VOL1 label of tape mounted

bbbbbb = External label of required tape

cccccc = VOL1 label of required tape

**System Action:** The incorrect tape is detached and a mount request is re-issued.

**Operator Response:** Mount the correct tape.

---

**0492E User *user id* already has resource *rname* on address *vaddr* as *mode***

**Explanation:** A resource was requested but it was already held:

user id = User ID who has the resource

rname = Resource

vaddr = address as attached to the user ID

mode = R/O or R/W

**System Action:** None.

**Programmer Response:** Identify why the resource was requested twice.

---

**0493I No required backup files found on *user id vaddr* label = *volser***

**Explanation:** A backup volume marked as full is to be dumped to tape. However no valid files were found.

**System Action:** None. The situation is automatically corrected.

**User Response:** None.

---

**0494E**      **Error copying file *fname ftype* to tape *external label (internal label)*; RC = *rc***

**Explanation:** An error occurred while trying to copy the specified file to tape.

**System Action:** The tape is marked full and another requested.

**User Response:** Check the return code from the module that performs the tape functions.

---

**0495E**      **More than 10 Read/Write errors copying from B.V. *vaddr* to tape *external label(internal label)***

**Explanation:** An error occurred trying to copy a file to tape. The total number of errors during the process exceeded 10.

**System Action:** The tape is marked full and another requested.

**User Response:** Check the tape.

---

**0496E**      **Error mounting tape *external label*; RC = *rc***

**Explanation:** A requested tape was not mounted. Other diagnostic messages may have been issued. The return code shown is that from HDFTPM.

**System Action:** Another tape is requested unless the error occurred during reorganization, in which case, the process of reorganization is terminated.

**User Response:** Determine why the tape was not mounted.

---

**0497E**      **Error writing VOL1 label on tape *external label*; RC = *rc***

**Explanation:** An error occurred while attempting to write a VOL1 label on a tape.

**System Action:** Another tape is requested.

**User Response:** Check the tape. Use the TAPE command to remove it from the system if it is damaged.

---

**0498E**      **Error reading tape *internal label* on *vaddr*; RC = *rc***

**Explanation:** An error occurred while reading the VOL1 label on the specified tape. The return code shown is that from TAPEIO.

**System Action:** If the tape is being reorganized, the process is terminated. Otherwise a new tape is requested and processing continues.

**User Response:** Examine the tape. If it is damaged, use the REMOVE command with the DELETE parameter to cause a fresh backup of all data contained on the tape. Then issue the TAPE command to remove the tape from the system.

---

**0499E**      **Unable to find file *fname ftype* on tape *external label (internal label)*; RC = *rc***

**Explanation:** The specified file could not be found on the tape. When copying files to tape, a scan is made to find the last file previously written to the tape. This file could not be located. This may be indicative of a hardware problem or a tape media error.

**System Action:** The tape is marked as full and another tape is then requested. The tape will next be used once it has been reorganized.

**User Response:** If this error continually occurs on the same tape drive then it may indicate a hardware problem. If the tape is subject to the same errors when used in the future, it may indicate a media error. In this case it is recommended that the tape is then replaced. To do this issue a REMOVE with the DELETE parameter to cause a fresh backup of the data which is contained on the tape. Then use the TAPE command to remove the tape from the inventory.

---

**0500I**      **Volume *serial* is currently backed up on *number* volumes**

**Explanation:** This is an informational message which may be issued by a subuser when starting backup for a volume. It states how many backup volumes currently contain active level zero backup data for the volume being backed up.

**System Action:** Processing continues.

**User Response:** If the number of backup volumes is large this may mean a RESTORE for the volume could take a long time.

---

**0501I**      **Filepool *name* storage group *number* is currently backed up on *number* volumes**

**Explanation:** This is an informational message which may be issued by a subuser when starting backup for a storage group. It states how many backup volumes currently contain active level zero backup data for the group.

**System Action:** Processing continues.

**User Response:** If the number of backup volumes is large this may mean a RESTORE for the data could take a long time.

---

**0502I**      **Volume *serial* has *number* backup volumes with a block count of *count* or less**

**Explanation:** This is an informational message which may be issued by a subuser when starting backup for a volume. It states how many backup volumes currently contain active level zero backup data for the volume being backed up where the number of blocks is less than or equal to the count stated. This count is calculated from the total block count which is given in message 0500 and the value of EBRBLK.

**System Action:** Processing continues.

**User Response:** The number of backup volumes given is the number that the system will try to reduce the total by because of the setting of EBRBLK.

---

**0503I**      **Filepool *name* storage group *number* has *number* backup volumes with a block count of *count* or less**

**Explanation:** This is an informational message which may be issued by a subuser when starting backup for a storage group. It states how many backup volumes currently contain active level zero backup data for the storage group being backed up where the number of blocks is less than or equal to the count stated. This count is calculated from the total block count which is given in message 0501 and the value of EBRBLK.

**System Action:** Processing continues.

**User Response:** The number of backup volumes given is the number that the system will try to reduce the total by because of the setting of EBRBLK.

---

**0504E**      **Error loading *fname ftype* - work disk too small**

**Explanation:** The specified file cannot be loaded from tape because the work disk onto which the file is being loaded has insufficient space.

**System Action:** The file is not loaded. If this error occurs during a tape reorganization, the reorganization is terminated unless the FORCE option is in effect.

**User Response:** Increase the size of the work disk and try the operation again.

---

**0505E**      **Maximum passes done - REORG for *cuu* is stopped**

**Explanation:** An archive tape reorganization will make several passes through the list of files to be copied onto the target tape if this is necessary to recover from errors. In this case there were too many errors.

**System Action:** The tape is not reorganized.

**User Response:** See the documentation for advice on how to recover a bad archive tape.

---

**0506I**     *number catalog records have been updated*

**Explanation:** A process has completed which has updated the specified number of catalog records.

**System Action:** Processing continues.

**User Response:** None.

---

**0507I**     *number files are on volser serial*

**Explanation:** A process has determined the number of files that reside on the specified volume, according to the catalog records.

**System Action:** Processing continues.

**User Response:** None.

---

**0508E**     **Error writing HDR1 label on tape** *external label; RC = rc*

**Explanation:** An error occurred while attempting to write a HDR1 label on a tape.

**System Action:** The tape is detached and normally another will be requested.

**User Response:** Check the tape. Use the TAPE command to remove it from the system if it is damaged.

---

**0509E**     **Error rewinding tape** *external label; RC = rc*

**Explanation:** An error occurred while attempting to rewind a tape.

**System Action:** The tape is detached and normally another will be requested.

**User Response:** Check the tape unit.

---

**0510I**     **Checkpoint file *fileID* has been created**

**Explanation:** This message is issued during Real Volume or Storage Group RESTORE initialization.

**System Action:** The RESTORE command continues.

---

**0511I**     **Checkpoint file *fileID* has been deleted due to successful RESTORE**

**Explanation:** This message is issued on successful completion of a RESTORE or RETRIEVE command which requested checkpointing.

**System Action:** The command ends.

---

**0512W**     **RESTORE had errors, checkpoint file *fileID* still exists**

**Explanation:** This message is issued on completion of a Real Volume or Storage Group RESTORE which was not completely successful.

**System Action:** The RESTORE command ends.

**User Response:** Check the log and other messages received during the RESTORE process for details of the problems encountered. Once the problems are rectified, a RESTORE ... ( RESTART can be issued to complete the RESTORE.

---

**0513E**     **Checkpoint file *fileID* already exists, command aborted**

**Explanation:** A RESTORE or RETRIEVE command was issued which requested checkpointing. However checkpoint information already exists. New checkpoint cannot be created while existing information is still there from a previous command.

**System Action:** The command aborts.

**User Response:** Either complete the previous command by using the RESTART option, or clear the checkpoint information using the RESET option of the command.

---

---

**0514I      Checkpoint file *fileID* removed**

**Explanation:** This message is issued in response to a successful RESTORE ... ( RESET command.

**System Action:** The RESTORE ... ( RESET command completes.

---

**0515I      Checkpoint file *fileID* not found**

**Explanation:** This message is issued either when a RESTORE ... ( RESET command fails because no matching checkpoint file exists, or when a DISPLAY CKPT command is issued for a specific RESTORE command.

**System Action:** The RESTORE ... ( RESET command aborts.

**User Response:** Use the DISPLAY CKPT ALL command to verify if any checkpoint information exists. If it does, correct the RESTORE ... ( RESET or DISPLAY CKPT command and re-issue it.

---

**0516E      Unable to restart, checkpoint file *fileID* not found**

**Explanation:** This message is issued when a RESTORE ... ( RESTART command fails because the appropriate checkpoint file does not exist.

**System Action:** The RESTORE ... ( RESTART command aborts.

**User Response:** Either correct the RESTORE ... ( RESTART command and re-issue it, or issue a RESTORE command without the RESTART option if there is no previous RESTORE process to complete.

---

**0517I      There are no checkpoint files**

**Explanation:** This message is issued in response to a DISPLAY CKPT ALL command when there is no checkpoint information.

**System Action:** The DISPLAY command completes.

---

**0518E      Unable to restart, invalid checkpoint file *fileID***

**Explanation:** A RESTORE ... ( RESTART command was issued, but the information contained in the checkpoint file is no longer valid.

**System Action:** The RESTART ... ( RESTART command aborts.

**User Response:** The RESTORE will have to started from the beginning again. This is achieved by issuing a RESTORE ... ( RESET command to remove the invalid checkpoint file and then issuing a new RESTORE command. The file may have become invalid because the status of the backup repository has changed since the initial RESTORE command was entered (possibly because of REMOVE commands being issued).

---

**0519W      Unable to start due to pending RESTORE checkpoint information**

**Explanation:** This message is issued in response to certain START commands which would change the status of the backup repository, and hence invalidate the checkpoint information. It is also written to the manager log file at the start of the backup window for the same reason.

**System Action:** The relevant process is not started.

**User Response:** Either complete the RESTORE or remove the checkpoint file information via a RESTORE ... ( RESET command.

---

**0520I      Checkpoint file *fileID* has been deleted**

**Explanation:** The specified checkpoint file has been deleted because a process is starting which would render the checkpoint information invalid.

**System Action:** Processing continues.

---

**0521E Error on FSF for tape *external label*; RC = *rc***

**Explanation:** An error occurred while attempting to forward space a tape.

**System Action:** The tape is detached and normally another will be requested.

**User Response:** Check the tape. Use the TAPE command to remove it from the system if it is damaged.

---

**0600I File *name* LSET created**

**Explanation:** After a valid LSET \*OWNER command a new LSET file has been created with the specified file name.

**System Action:** The system continues.

---

**0601I No entry found in *name* LSET**

**Explanation:** The requested entry in an LSET file cannot be located.

**System Action:** The command ends.

**User Response:** Try to determine the cause of the error.

---

**0602I *name* already exists in *file name* LSET**

**Explanation:** The requested entry cannot be added to an LSET definition file because it already exists.

**System Action:** The command ends.

**User Response:** If the name specified is incorrect, correct it and reenter the command.

---

**0603E Syntax error detected while processing parmlist. Please check**

**Explanation:** The passed LSET command does not match a valid command syntax.

**System Action:** The command ends.

**User Response:** Check the command syntax and reissue the command.

---

**0604I No LSET information found for lset name *name***

**Explanation:** The specified LSET definition does not exist.

**System Action:** The command ends.

**User Response:** Reissue the command with a correct lsetname.

---

**0605E LSET command syntax error, lsetname can only be generic for LSET QUERY.**

**Explanation:** The passed LSET command does have generic letters in the lsetname, but is not a QUERY command. Generic lsetnames are only allowed for LSET QUERY.

**System Action:** The command ends.

**User Response:** Select a non-generic lsetname and reissue the command.

---

**0606E Target nodeid *node* for user id *user id* cannot be found in NODE NAMES**

**Explanation:** A command was received which is to be executed at the specified node, but this nodename could not be found.

**System Action:** The command is terminated.

**User Response:** Correct and re-issue the command if necessary.

---

---

**0607E      Valid *valid* not added as it already exists**

**Explanation:** A DBRTAPE command should add a valid to the list of useable DBR tapes, but the valid already exists in the file RECOVERY VOLUMES.

**System Action:** The command skips this valid.

**User Response:** Valid not added.

---

**0608S      Valid *valid* not found, skipped**

**Explanation:** A DBRTAPE command could not locate the given valid in the file RECOVERY VOLUMES. The requested function for this valid is skipped.

**System Action:** The command skips this valid.

**User Response:** DBRTAPE function for this valid is not executed.

---

**0609E      No entry found in file RECOVERY VOLUMES for *valid***

**Explanation:** A DBRTAPE QUERY command could not find a matching entry for the given DBR run.

**System Action:** The command ends.

**User Response:** None.

---

**0610S      DBR cannot find *type* RESTART data**

**Explanation:** A DBR START command with RESUME option cannot be satisfied because either no matching restart information can be found (last DBR run has completed without any errors) or no restart data can be found. *type* indicates kind of restart data which can not be found (e.g. any, matching)

**System Action:** The DBR START command ends.

**User Response:** Try to determine the cause of the error.

---

**0611S      LSET specification invalid for LSET *name***

**Explanation:** LSET definition does contain invalid records. *name* is the file name of LSET file

**System Action:** DBR continues, invalid definitions are ignored.

**User Response:** Correct the invalid Lset entries via LSET command.

---

**0612E      DBR stopped, add more tapes to RECOVERY VOLUMES via a DBRTAPE command and restart.**

**Explanation:** The DBR controller detected that there are too few tape volumes available for this DBR run, so continuation is not meaningful.

**System Action:** The DBR process ends.

**User Response:** Add more tapes and reissue the DBR START command.

---

**0613I      DBR calculated *number* megabytes to be processed which is around *number* tapes**

**Explanation:** The DBR controller tries to inform the operator about what will be processed during this DBR run. So it is possible to pre-mount useable tapes at this moment for the whole DBR run if the available hardware allows for.

**System Action:** The DBR process continues.

**User Response:** None.

---

**0614I Disaster backup stopped since no data can be found to be dumped**

**Explanation:** The DBR controller cannot find any data to be dumped for the requested DBR run and stops processing.

**System Action:** The DBR process ends.

**User Response:** None.

---

**0615I DBR will probably use the following tape serial numbers:**

**Explanation:** This message precedes a list of free tapes which may be mounted in response to subsequent mount requests.

**System Action:** The DBR run continues.

**Operator Response:** None.

**User Response:** None.

---

**0616I user id vaddr not found in name LSET**

**Explanation:** An attempt was made to delete a minidisk from the specified LSET *name*, but it was not found in the LSET definition.

**System Action:** The command continues processing.

**User Response:** Correct and re-issue the command if necessary.

---

**0617I DBR work sent to subuser for user id vaddr**

**Explanation:** During DBR processing the interface virtual machine has requested the specified subuser to dump data for the minidisk shown.

**System Action:** The system continues.

**User Response:** None

---

**0620E Error writing OS label; RC=code, Volid=volid, Reason = reason**

**Explanation:** A DBR subuser tries to write a OS standard label to a tape which fails. The reason will be indicated.

code = Return code from writing OS LABEL  
volid = Volid of the failing tape  
reason= Reason why the OS standard label write failed.  
Error from LABELDEF command  
TAPESL Error during LABEL write  
Expiration date not yet reached  
No OS standard label found on tape  
ERROR from TAPEIO READ

**System Action:** The indicated tape will be skipped.

**User Response:** Determine the reason and take actions to correct it.

---

**0630E File fn LSET can not be found on temporary disk**

**Explanation:** An LPUT command could not find its input LSET file on the temporary disk it was loaded to. 'fn' is the filename of the LSET file to be placed.

**System Action:** Processing continues. The LPUT command is stopped.

**Programmer Response:** Retry and find out how the temporary LSET file can disappear in between. The temporary disk most likely is the 195 disk of the Interface userid.

---

---

**0631I      Error creating *fn* LSET on *userid* 2A1 disk. Return code was *rc*. Process is trying to continue without resolving COREQUISITES**

**Explanation:** The DBR LSET process was unable to create a temporary LSET file with all COREQUISITE LSETs resolved. '*fn*' is the filename of the LSET, usually THISRUN. '*userid*' is the Interface *userid* of the backup subsystem. '*rc*' is the return code generated while writing the temporary LSET file.

**System Action:** Processing continues. No COREQUISITE LSETs will be honored if they exist.

**Programmer Response:** Check why the temporary LSET could not be created. Avoid this problem for the next run if needed.

---

**0632E      Error updating *fn* LSET on *userid* 2A2 disk. Return code was *rc*. Changes done via LSET command are not reflected on 2A2 disk**

**Explanation:** The LSET command process failed while trying to align changes made during LSET ADD/DELETE to the untokenized LSET file on the 2A2 disk. '*fn*' is the filename of the LSET file to be adjusted. '*userid*' is the Interface *userid* of the backup subsystem. '*rc*' is the return code generated while aligning the LSET file.

**System Action:** Processing continues. LSET changes are not reflected in the corresponding file on 2A2 disk.

**Programmer Response:** Check why the LSET alignment failed.

---

**0633E      Error nuxloading HDFDCC pattern matching module. Return code was *rc***

**Explanation:** During creating of the individual LSET reports at the end of a DBR LSET run, the pattern matching module HDFDCC could not be loaded. '*rc*' is the return code from the NUCXLOAD command.

**System Action:** Processing continues. No reports are created on 2A2 disk.

**Programmer Response:** Check why the NUCXLOAD command failed.

---

**0634I      No extended LSET reports can be created**

**Explanation:** Interface 2A2 disk can not be accessed in R/W mode to create individual LSET reports.

**System Action:** Processing continues without creating individual LSET reports on 2A2 disk.

**Programmer Response:** Check why the access of the 2A2 disk failed. Refer to the preceding message HDF100E to find out why.

---

**0650S      HDFUCS gave return code *code* for *fn ft fm***

**Explanation:** Module HDFUCS was called to sort an archive catalogue and returned a non-zero return code.

**System Action:** The command which called HDFUCS aborts, and the system continues.

**Programmer Response:** Establish the reason for the error by checking the return code from HDFUCS. Also check the archive catalogue minidisk to determine if corrective action is necessary.

---

**0666T      Subsystem Failure (Code *code*)**

**Explanation:** The subsystem has suffered an abend with the specified failure code. A storage dump will have been produced.

**System Action:** An automatic restart may be performed if appropriate in the case of certain abends. If no such restart is made, then the failing virtual machine logs off.

**Operator Response:** Contact the systems programmer responsible.

**Programmer Response:** Check the description of the abend in the messages and codes

manual. If the reason for the abend is not known, then the code will be "NONE". Obtain the dump and examine for the cause of the error if necessary.

---

**0701E      No id specified**

**Explanation:** A DIRECT or AUTHORIZ command was issued but no user id was specified or a NODENAME command was issued without a node ID.

**System Action:** Processing continues.

**User Response:** Check the command syntax and reissue.

---

**0702E      Vaddr missing or invalid**

**Explanation:** A DIRECT command was issued, but no virtual address or an invalid virtual address was given.

**System Action:** The command is terminated.

**User Response:** Check command syntax or virtual address and reissue the command.

---

**0703E      No file name specified**

**Explanation:** A DIRECT command was issued, but no file name was specified.

**System Action:** DIRECT command terminated.

**User Response:** Check command syntax and reissue DIRECT command.

---

**0704E      No nodename specified**

**Explanation:** A NODENAME command was issued which did not specify a node name.

**System Action:** The command is terminated.

**User Response:** Correct and re-issue the command if necessary.

---

**0705E      DISPLAY command syntax error - specify VOLSER or ALL**

**Explanation:** Volume serial or ALL must be specified.

**System Action:** Processing continues

**User Response:** Check command syntax and reissue the command

---

**0706I      Volume not found**

**Explanation:** A specified DASD backup minidisk cannot be found in the file BACKUP VOLUMES or a specified tape backup volume cannot be found in the file TAPE VOLUMES.

**System Action:** Processing continues.

**Programmer Response:** Check the file to determine the cause of the error.

---

**0708I      No excluded volume(s) for this backup process**

**Explanation:** All volumes defined in the VM directory will be backed up unless specifically excluded. The routine which is scanning the directory could not find a file containing excluded volumes.

**System Action:** The system continues.

---

**0709I      *cuu* of *userID* does not have *number cyl* - will not be used for backup**

**Explanation:** The routine which is scanning the VM directory found a minidisk statement in the directory for the NOLOG user ID which does not have the number of cylinders that the installation options have specified as a minimum. The volume specified in the message will not be used for this backup process.

**System Action:** Backup process continues

**Programmer Response:** Define a larger minidisk.

---

**0710I Backup data from minidisk *user id cuu* will be erased after *number* days**

**Explanation:** The minidisk specified in the message was deleted from the VM directory. *number* is the number of days to retain the backup data for a minidisk.

**System Action:** Backup process continues. Backup data of the minidisk is marked for deletion.

---

**0713S No DIRECT command has been issued**

**Explanation:** The location and name of the VM directory has not been specified and so the backup process cannot run.

**System Action:** Backup process terminated.

**Programmer Response:** Issue the DIRECT command with the right syntax and restart backup process.

---

**0714E File *file name* not found; processing continues with data from previous run**

**Explanation:** The file which was defined as containing the VM directory cannot be found.

**System Action:** Directory not scanned, processing continues with the directory data from previous run.

**Programmer Response:** Check file name of the VM directory and issue the DIRECT command

---

**0715I An invalid statement was found in *name*; processing continues**

**Explanation:** An invalid directory statement was found in the VM directory during the scan process.

**System Action:** Processing continues.

**Programmer Response:** Check the statement.

---

**0716E Valid *valid* not deleted, not in file PRIMARY VOLUMES**

**Explanation:** The specified volume is not specified as one to be excluded from backup.

**System Action:** Processing continues

**User Response:** Check volume serial and reissue the command.

---

**0717E Valid *valid* not added, already in file PRIMARY VOLUMES**

**Explanation:** A volume was specified to be excluded from backup which is already excluded.

**System Action:** The command is terminated.

**User Response:** Reissue the command.

---

**0718E Invalid device type *type* specified**

**Explanation:** The specified device type is not one which is supported.

**System Action:** The command is terminated.

**User Response:** Reissue the command with the correct device type.

---

**0719E Three passwords have to be specified**

**Explanation:** It is necessary to specify a read, write, and multiple-write password.

**System Action:** The command is terminated.

**User Response:** Repeat the command with three passwords.

---

---

**0720E** Times must be in the range from 0000 to 2400

**Explanation:** An incorrect time was entered in a start or stop command. The time must be between 0000 and 2400.

**System Action:** The command is terminated.

**User Response:** Check the time parameters and reissue command.

---

**0721E** Odd number of operands specified

**Explanation:** Only a single parameter was specified, but the command requires operand pairs.

**System Action:** The command is terminated.

**User Response:** Reissue the command correctly.

---

**0723S** Error while creating file RESTORE DATA

**Explanation:** A restore operation was unable to create a file containing a list of minidisks to be restored.

**System Action:** The restore process is stopped.

**Programmer Response:** Try to determine why the file could not be created.

---

**0724S** File RESTORE DATA not found

**Explanation:** A restore operation failed because the file RESTORE DATA could not be read into storage.

**System Action:** System continues.

**Programmer Response:** Try to determine the cause of the error.

---

**0725I** No minidisk found to be restored on *volser* device type

**Explanation:** A restore operation could not find any minidisks to restore on the specified volume.

**System Action:** System continues

**Programmer Response:** Check that the correct volume was specified.

---

**0727I** *minidisk* is no longer in DIROUT DATA. If this is right, please issue a backup erase cmd.

**Explanation:** Backup controller detected a minidisk which has backup but which is no longer in the directory.

**System Action:** System continues

**User Response:** Check if the users minidisk is really erased and if so, erase his backup data via a BACKUP ..(ERASE command. If not, try to detect the error.

---

**0728E** No tape label specified

**Explanation:** A TAPE command has been issued but no tape label was specified.

**System Action:** The command is terminated.

**User Response:** Correct and re-issue the command if necessary.

---

---

**0730I** File *name* level *number* for *userID cuu*

**Explanation:** A command has processed the backup information for a file which matched the parameters passed. Either level *nn* has been processed or all levels. If only a level 0 file exists, the message indicates that all levels are processed. *name* = file name, file type and filemode number of the file which backup data is processed *number*= level which is processed

**System Action:** The command continues.

**User Response:** None.

---

**0731I** Backup level *number* for file *name* does not exist

**Explanation:** An attempt was made to delete backup information for a given level and a matching file. But there is no such level for the file.

**System Action:** The command continues.

**User Response:** Check that the correct level was specified,

---

**0732I** File *fname ftype* all levels *action* for *user id vaddr*

**Explanation:** A BDELETE command has been received which resulted in all levels of the specified files being deleted.

**System Action:** The system continues processing.

**User Response:** None.

---

**0733E** Times from first and second backup cycle must not overlap

**Explanation:** Two time periods have been specified in a TIME command which overlap each other. Due to timer scheduling for backup cycles this is not allowed.

**System Action:** The command is terminated.

**User Response:** Check the time parameters and reissue command.

---

**0740I** Volume *volser* for mini *userID cuu* not defined in PRIMARY VOLUMES

**Explanation:** A real volume has been located during a directory scan in an SSI environment for which no PRIMARY command has been given to define on which system backup should occur.

**System Action:** The command continues.

**User Response:** Issue PRIMARY command to define where backup is to be done.

---

**0750I** File *fileid* read. Tape records: *records* Bytes: *bytes*

**Explanation:** This information indicates that the 'tape file mover' module has successfully moved the shown *fileid* and gives some statistics.

**System Action:** The system continues.

---

**0751E** TAPEIO *function* Return code: *rc* File: *fileid* Reason: *reason*

**Explanation:** The 'tape file mover' module failed with a TAPEIO return code. Function may be READ or WRITE. *Fileid* indicates which file should have been moved. The reason text tries to interpret the TAPEIO return code as well as it can.

**System Action:** The code will handle this return code in the calling modules based on the process to be performed. If the subuser cannot correct the error with program logic, other messages are issued.

**Operator Response:** Check if the tape units producing the error are clean and show no errors in EREP data. If action is needed, make sure this is done before reissuing the command again to the same tape units.

---

**0777E Invalid data found in DEFERRED COMMANDS:**

**Explanation:** While processing its list of deferred command, the system has encountered an invalid command.

**System Action:** The command is deleted.

**Programmer Response:** Check that the list of deferred commands is now correct and try to determine how an invalid command was saved.

---

**0800E *command* command abended - (*description*)**

**Explanation:** The specified command terminated abnormally. *description* is a short problem description

**System Action:** Processing terminates with a message to the manager user ID.

**User Response:** Call the programmer to correct the problem indicated in the short problem description.

---

**0802E Syntax error detected. Not 4 parameters**

**Explanation:** You have given the AALTER command with invalid syntax. For detail description of the AALTER command refer to the manual.

**System Action:** Command rejected.

**User Response:** Repeat command with correct syntax.

---

**0803E "\*" or "%" are invalid with the RETAIN option.**

**Explanation:** An AALTER command has been specified together with the RETAIN option. Because the user must know how long to keep every file in the archive system, he is not allowed to do a global change for all files.

**System Action:** None.

**User Response:** Issue the command for each file without the usage of "\*" or "%".

---

**0805I *user id* : number of levels changed from *number* to *number***

**Explanation:** The maximum number of allowable levels for the specified 'userID' has been changed.

**System Action:** The system continues.

**User Response:** None.

---

**0806I *user id* : archive space changed from *number* to *number* blocks**

**Explanation:** The maximum allowed space has been changed.

**System Action:** The system continues.

**User Response:** None.

---

**0807I *user id* : maximum retention period is now *months* months**

**Explanation:** The maximum retention period has been changed as requested.

**System Action:** The system continues.

**User Response:** None.

---

---

**0808S**     *type* **process had a program check. Please force all subusers and restart**

**Explanation:** One of the subusers had a program check. The first message will be sent if the subuser acting as RESOURCE, BACKUP or RESTORE Controller died. The second message will be sent if a non controller subuser died and it is not possible to restart him because we have reached the allowed maximum of restarts.

**System Action:** Does what it can.

**User Response:** For the first message do what is indicated. For the second message the manager should look to the subusers dump and console lists.

---

**0809S**     **Subuser *user id* had a program check. Number of allowed restarts is exceeded**

**Explanation:** The interface virtual machine has restarted the specified subuser the maximum number of times as allowed via the installation options. It will not now be restarted automatically.

**System Action:** The system continues processing but without this subuser.

**Programmer Response:** Examine any additional diagnostic messages to try to determine the cause of the problem. If a dump was produced, then examine this to establish how the program check occurred.

**User Response:** Contact the systems programmer.

---

**0810E**     **Invalid level 0 entry for file *file name file type archive id = user id*, file skipped**

**Explanation:** ADELETE/AAUDIT processing found a matching archive file, but no level 0 information after the header part. Someone has destroyed the archive information in the *user id* ARC control file.

**System Action:** Continues with the next matching file.

**User Response:** The manager user ID also receives the same message. Please call him to fix the problem.

**Programmer Response:** The archive information for this file is probably lost, but a restore might be possible from ENUSERID 198 or 199 minidisk.

---

**0811I**     **Last file for *user id* has been deleted; archive catalog erased**

**Explanation:** ADELETE processing deleted all files which had been archived for the user id. Because no archived files exist any more, the archive definition is also deleted.

**System Action:** None.

**User Response:** You must issue a new ADEFINE command before you can again archive new files. The previous archive definition is deleted.

---

**0812E**     **Level *number* is not allowed, level *number* is the maximum to be altered**

**Explanation:** An AALTER command with the option LEVEL was given, the number specified exceeded the number allowed.

**System Action:** The command is rejected.

**User Response:** Reissue the command with an allowed level number. For help, issue an AQUERY command.

---

**0813E**     **Maximum allowed levels are *number***

**Explanation:** An "AALTER userID LEVELS" command was given, but the number of levels specified exceeded the maximum allowed. *number* = maximum ARCHIVE levels allowed

**System Action:** None

**User Response:** Reissue the command with an allowed level number

---

**0814I** Archive volume *cuu* marked as removed, you may do a "RESTORE" after correcting the hardware problem

**Explanation:** A RESTORE command for an archive volume was successfully completed.

**System Action:** None.

**User Response:** A RESTORE may now be performed. It must be done before the backup data for this minidisk is deleted.

---

**0815E** Number of allowed levels = 0 , ARC id *user id*

**Explanation:** An ADELETE/AAUDIT command for an archive user id was entered, but the allowed number of levels for this user id is set to zero.

**System Action:** None.

**User Response:** Contact the administrator.

**Programmer Response:** Increase the number of levels for the user. Try to find out how the number of levels was set to 0.

---

**0816E** Header not updated. No of used blocks incorrect or UC error. ARC id = *user id* blocks = *number*

**Explanation:** A ADELETE/AAUDIT command has not updated a header record for the archive user id because of a negative number of blocks or an invalid catalog file.

**System Action:** None.

**User Response:** Contact the administrator. Examine the catalog file to determine the cause of the error. Restore the file from backup if appropriate.

---

**0817I** File *file name* has been deleted

**Explanation:** A ADELETE/AAUDIT command has deleted all files in a users archive catalog and so the whole catalog has been deleted.

**System Action:** None.

**User Response:** None.

---

**0818E** Error CMSCOMM ERASE file *file name*; RC = *code* (CMSCOMM or UC-CLOSE)

**Explanation:** A ADELETE/AAUDIT command has deleted all files in a "userID" ARC file and tried to erase the "userID" ARC file. The return code was nonzero.

**System Action:** None.

**User Response:** Contact the administrator.

**Programmer Response:** Check the return code from the CMS command ERASE. If the return code makes no sense it might be a return code of a UC CLOSE statement.

---

**0819S** Subuser *user id* has been logged off. Number of allowed restarts is exceeded

**Explanation:** The interface virtual machine has restarted the specified subuser the maximum number of times as allowed via the installation options. It will not now be restarted automatically.

**System Action:** The system continues processing but without this subuser.

**Programmer Response:** Examine any additional diagnostic messages to try to determine the cause of the problem. If a dump was produced, then examine this to establish how the program check occurred.

**User Response:** Contact the systems programmer.

---

**0878E LINK for *userid cuu link\_mode* failed due to unavailable ESM, will retry in 5 minutes**

**Explanation:** An attempted LINK to the specified minidisk failed with return code 6525 (ESM unavailable).

**System Action:** The subuser which issued the message will sleep for 5 minutes and then retry the link (once), to give the ESM a chance to recover.

**Programmer Response:** If the link fails the second time, recover the ESM and, if necessary, restart the BARS/VM subsystem.

---

**0879E LINK for *cuu* did not complete; RC = *code***

**Explanation:** An attempted LINK failed with the specified return code.

**System Action:** The system continues

**Programmer Response:** Check the return code for the minidisk to be linked

---

**0880E Tape *cuu* was not mounted in the required time; RC = *code***

**Explanation:** The system was waiting for a tape to be attached but the tape did not get attached within the time specified by the installation.

**System Action:** The system continues

**Operator Response:** If more time is required for tape mounts contact the administrator.

---

**0881E FS macro gave return code *code text file***

**Explanation:** During processing of the specified file, a File System macro returned the specified error code.

**System Action:** The command aborts, and a dump may taken if the file was being updated.

**Programmer Response:** Establish the reason for the error by checking the return code for the FS function being performed. If necessary, examine the dump for further information, and take any necessary corrective action.

---

**0882E *type* error processing file *name*, RC = *code***

**Explanation:** An error has been detected during processing of a file. The error message indicates the type of the error.

type = macro used e.g. FSREAD, FSWRITE

code = return code from the macro call

name = file where the error occurred.

**System Action:** The command ends.

**Programmer Response:** Try to determine the cause of the error.

---

**0883E Unrecognized return code *code* from FSSTATE of *file***

**Explanation:** During processing of a catalogue file, an unrecognized return code was returned from FSSTATE.

**System Action:** The command aborts, and a dump may taken if the file was being updated.

**Programmer Response:** Establish the reason for the error by checking the return code for the FSSTATE macro. If necessary, examine the dump for further information, and take any necessary corrective action.

---

**0888E**      **No space available for minidisk *userid vaddr* (CMSDDR)**

**Explanation:** The specified minidisk could not be backed up as non-CMS because no space was available.

**System Action:** The system continues.

**User Response:** Increase the number of backup volumes.

---

**0889I**      **Data for *userid cuu* resides on *medium***

**Explanation:** The minidisk archive data for the specified minidisk resides on the medium shown. The medium may be either dasd or tape. If the data is split into more than one part, it may reside on both dasd and tape.

**System Action:** The system continues.

**User Response:** None.

---

**0990S**      ***name* automatic restart code entered; reason: *reason***

**Explanation:** The automatic restart processor has been entered for the named system because of a terminal error with one of the critical virtual machines, *reason* gives the reason for the restart. The *name* is that defined by the ENAME option.

**System Action:** Processing continues with an attempted restart

**User Response:** None.

**Operator Response:** Monitor subsequent messages to determine if the restart is successful.

---

**0991I**      ***name* trying to force all subusers**

**Explanation:** The automatic restart processor is trying to FORCE all of the subusers in preparation for restarting the system. The *name* is that defined by the ENAME option.

**System Action:** Processing continues with an attempted restart

**User Response:** None.

**Operator Response:** Monitor subsequent messages to determine if the restart is successful.

---

**0993I**      ***name* trying to restart**

**Explanation:** The automatic restart processor is about to attempt to restart the system, having successfully Forced all the subuser machines and completed a 10 minute wait. The *name* is that defined by the ENAME option.

**System Action:** Processing continues with an attempted restart

**User Response:** None.

**Operator Response:** Monitor subsequent messages to determine if the restart is successful.

---

**0994S**      ***name* unable to restart**

**Explanation:** The automatic restart processor has been unable to restart. A previous message should indicate the reason for this. The *name* is that defined by the ENAME option.

**System Action:** Processing terminates.

**User Response:** None.

**Operator Response:** Try to restart the system manually after forcing all subusers.

---

**0995S** Please **FORCE** all subusers and restart *name*

**Explanation:** The system is no longer operational and is unable to restart itself. The *name* is that defined by the ENAME option.

**System Action:** Processing terminates.

**User Response:** None.

**Operator Response:** Try to restart the system manually after forcing off all subusers.

---

**0996T** *name* not restarted as previous restart failed

**Explanation:** The automatic restart processor has been entered for the named system because of a terminal error with one of the critical virtual machines. It has been determined that a previous attempt to restart failed and this time no attempt will be made to restart in order to avoid a possible loop.

**System Action:** The system goes into a disabled wait with a code of 0996.

**Operator Response:** Contact the systems programmer to investigate the cause of the error.

---

**0999E** Message not found

**Explanation:** An attempt has been made to issue a message which does not exist in the repository.

**System Action:** The system continues.

**Programmer Response:** Determine why the message is missing.

---

**1000E** Unsuccessful **LINK** or **ACCESS** to *user id vaddr*; **RC = rc**

**Explanation:** An CP LINK or ACCESS to the minidisk specified has failed.

**System Action:** The system continues.

**User Response:** Contact the administrator responsible.

**Programmer Response:** Use the return code to determine why the LINK or ACCESS was unsuccessful.

---

**1001E** Error on CP **LINK** for *user id vaddr*; **RC = rc**

**Explanation:** An attempt to CP LINK to the specified minidisk has failed.

**System Action:** The system continues.

**User Response:** Contact the administrator responsible.

**Programmer Response:** Use the return code to determine why the LINK was unsuccessful.

---

**1002E** Error on **ACCESS** of *user id vaddr*; **RC = rc**

**Explanation:** An attempt to ACCESS the specified minidisk has failed.

**System Action:** The system continues.

**User Response:** Contact the administrator responsible.

**Programmer Response:** Use the return code to determine why the ACCESS was unsuccessful.

---

**1003E** File *bfname bftype* for user id *user id* cannot be rescheduled for backup

**Explanation:** During a volume reorganization, the specified file could not be located. When updating the catalog to reschedule backup for the file, the entry was not found. This error should not occur.

**System Action:** The system continues processing.

**User Response:** Contact the systems programmer.

**Programmer Response:** Examine the catalog for errors.

---

**1004E** Unable to calculate retain date: *date* is the passed parm

**Explanation:** An invalid retention date has been specified on a command.

**System Action:** The command is terminated.

**User Response:** Check and re-issue the command if necessary.

---

**1005E** *variable data*

**Explanation:** A command has been entered with invalid syntax. The *variable data* contains a fuller description of the reason for the error.

**System Action:** The command is terminated.

**User Response:** Re-issue the command with the correct syntax.

---

**1006E** No minidisk accessed as *mode*

**Explanation:** As part of the entry conditions for calling this module, a minidisk must be accessed. It was found that this disk was not accessed.

**System Action:** The command is terminated.

**User Response:** Contact the person responsible for the backup system.

---

**1007E** *aaaaaaaa bbbbbbbb* not added, maximum number of tapes already defined

**Explanation:** A TAPE command attempted to add a tape but could not because the maximum number of tapes has already been defined.

**System Action:** The command is terminated.

**User Response:** Check the tapes which are already defined to determine if any can be deleted. It may be possible to use fewer tapes if reorganization is done more frequently.

---

**1008S** Error while *action a table entry*

**Explanation:** The resource controller has encountered an error in performing an action on an internal resource table. Additional messages describing the error will have been issued.

**System Action:** The system abends.

**Programmer Response:** Check the abend code produced in message HDF0666T in the messages and codes manual. Examine the dump to determine the cause of the error.

**User Response:** Contact the systems programmer responsible.

---

**1009E** *aaaaaaaa bbbbbbbb* not found

**Explanation:** A command has been received where a required entity has not been found.

**System Action:** The command is terminated.

**User Response:** Re-issue the command correctly if necessary

---

---

**1010E**     *aaaaaaaa bbbbbbbb* **not added, as it already exists**

**Explanation:** A command has been received but the specified entity could not be added because it already exists.

**System Action:** The command is terminated.

**User Response:** Re-issue the command correctly if necessary.

---

**1011E**     **File NODE NAMES not found. No SSI control file updated**

**Explanation:** During initialization in an SSI environment, the file NODE NAMES could not be found.

**System Action:** The system continues.

**User Response:** Define nodes if necessary.

---

**1012E**     **File ARCHIVE INVENTORY not found; processing continues**

**Explanation:** During initialization in an SSI environment, the file ARCHIVE INVENTORY could not be found.

**System Action:** The system continues.

**User Response:** None.

---

**1013E**     **VMCF Error; RC = rc**

**Explanation:** A user virtual machine has attempted to send a command to the subsystem, but there has been an error in the VMCF communication.

**System Action:** The system may not be in a usable state, or it may be a user error.

**Programmer Response:** Check that the module executing in the user virtual machine is the correct one. If it is, then use the return code to determine what error is occurring.

**User Response:** Contact the systems administrator responsible.

---

**1014E**     **Nodename *name* not added, would exceed the permitted maximum**

**Explanation:** A NODENAME command was received but the specified node name cannot be added because the limit for the number of drones has been reached.

**System Action:** The command ends.

**Programmer Response:** If it is not possible to eliminate at least one of the defined nodes then a separate system may have to be created.

---

**1015I**     *command* **command complete with errors**

**Explanation:** A command has been received but it has encountered errors in execution. Additional messages will have been issued which describe the nature of the error.

**System Action:** The command is terminated, but the system continues.

**User Response:** Check any additional messages to determine if any further action is required.

---

**1016I**     *aaaaaaaa bbbbbbbb* **not deleted as it is used and not empty**

**Explanation:** A command has been received but the specified entity was not deleted because it is in use. In the case of a TAPE DELETE command, the tape still has valid files on it.

**System Action:** The command is terminated.

**User Response:** For a TAPE DELETE, the FORCE option will force deletion of the tape. In normal circumstances the tape should be empty before it is deleted. If the tape is unusable, a REMOVE command should be used to remove catalog entries that reference the tape before the tape is deleted.

---

**1017I REORG started from B.V. *vaddr1* to B.V. *vaddr2***

**Explanation:** A volume reorganization has started from *vaddr1* to *vaddr2*. This involves copying all valid backup data to the target volume.

**System Action:** The system continues processing.

**User Response:** None. Another message is issued on completion of the reorganization.

---

**1018I Fast REORG started for B.V. *vaddr***

**Explanation:** A volume reorganization has commenced for *vaddr*. This involves erasing all redundant backup data.

**System Action:** The system continues processing.

**User Response:** None. Another message is issued on completion of the reorganization.

---

**1019I REORG complete from B.V. *vaddr1* to B.V. *vaddr2*; now has *blocks* blocks free**

**Explanation:** A volume reorganization from *vaddr1* to *vaddr2* has completed. There are now *blocks* blocks free on the target volume.

**System Action:** The system continues processing.

**User Response:** None.

---

**1020I Fast REORG complete for B.V. *vaddr*; now has *blocks* blocks free**

**Explanation:** A volume reorganization for *vaddr* has completed. There are now *blocks* blocks free on the volume.

**System Action:** The system continues processing.

**User Response:** None.

---

**1021I REORG complete from B.V. *vaddr1* to B.V. *vaddr2***

**Explanation:** A tape volume reorganization from *vaddr1* to *vaddr2* has completed.

**System Action:** The system continues processing.

**User Response:** None.

---

**1022I REORG complete for B.V. *vaddr***

**Explanation:** A tape volume reorganization for *vaddr* has completed.

**System Action:** The system continues processing.

**User Response:** None.

---

**1023I Last file got was *fname ftype***

**Explanation:** A catalog error has occurred. The last file obtained via GET was *fname ftype*. Other messages will be issued which further describe the error.

**System Action:** The system continues.

**Programmer Response:** The additional messages will detail the catalog file involved. It may be necessary to examine this file to determine the cause of the error.

**User Response:** Contact the systems programmer responsible.

---

**1024E** Error reading catalog file *fname ftype fm* on user id 197 (Node *nodeid*); RC = *rc*

**Explanation:** While creating or updating the ARCHIVE INVENTORY file an error occurred reading the specified catalog.

**System Action:** The system continues.

**Programmer Response:** Examine the catalog file as detailed in the message to determine the reason for the error.

**User Response:** Contact the systems programmer.

---

**1025E** For minidisk user id *vaddr*, number cylinders at offset *offset* were not restored

**Explanation:** During the restore of a Non-CMS minidisk, some areas were unable to be obtained because of an error on a backup volume.

**System Action:** Restore processing continues

**Programmer Response:** Check the backup volume to determine the cause of the error. Attempt another restore once the problem is fixed.

**User Response:** Contact the systems programmer

---

**1026E** type LOAD error; RC = *rc*; User id *user id* CUU *vaddr*

**Explanation:** An error occurred while loading backup data from a tape during the restore of a non-CMS minidisk.

**System Action:** The restore process is terminated.

**Programmer Response:** Establish the reason for the tape error. If it is hardware related, then retry the restore once the devices have been fixed.

**User Response:** Contact the systems administrator responsible.

---

**1027I** REORG for B.V. *vaddr* has rescheduled files for backup

**Explanation:** A tape volume reorganization for *vaddr* has completed by rescheduling all files backed up to the tape for backup again. The reorganization is not complete but will be performed again at the next opportunity. If at this time there is no level zero backup on the tape the reorganization will complete and the tape can then be used again for backup.

**System Action:** The system continues processing. The tape is not used for backup until there are no valid level zero backup files on it.

**User Response:** None.

---

**1028S** I am not the interface user id. Logging off...

**Explanation:** The interface code has been executed in a virtual machine not specified as EIUUSERID in the file which contains the installation options.

**System Action:** The virtual machine logs off.

**Operator Response:** Contact the systems administrator.

**Programmer Response:** Check the installation instructions to ensure that they have been followed correctly.

**User Response:** Contact the systems programmer.

---

**1029E** User id *user id* ADEFINED on more than one node; local file is prioritized

**Explanation:** In an SSI environment, a user id was found to have archive data on more than one node.

**System Action:** The system continues.

**User Response:** None.

---

---

**1030E**     **User id *user id* ADEFINED on more than one node with attribute SHARED**

**Explanation:** In an SSI environment, a user id was found to be defined on more than one system for the attribute SHARED.

**System Action:** The duplicated entry is ignored but the system continues.

**User Response:** None.

---

**1031I**     **Level 0 is not allowed**

**Explanation:** A command has been received which has specified a level "0" where it is not applicable.

**System Action:** The command is terminated.

**User Response:** Re-issue the command correctly if necessary.

---

**1032I**     **Invalid level *level* specified**

**Explanation:** A command was received which specified an invalid level.

**System Action:** The command is terminated.

**User Response:** Re-issue the command with the correct level.

---

**1033I**     **Subuser not specified.**

**Explanation:** The KILLSUB command was specified without a subuser name.

**System Action:** The command is terminated.

**User Response:** Reissue the command if necessary specifying the subuser name.

---

**1034E**     ***user id* is either the backup controller or is not a subuser**

**Explanation:** A KILLSUB command has been received which specified the user id *user id*, which is not a valid subuser.

**System Action:** The command is terminated.

**User Response:** Re-issue the command with the correct subuser.

---

**1035E**     ***user id* is not logged on**

**Explanation:** A KILLSUB command has been received for a subuser which is not currently logged on.

**System Action:** The command is terminated.

**User Response:** If the subuser has been specified incorrectly, then re-issue the command with the correct user id.

---

**1036I**     **Invalid LSET definition *name***

**Explanation:** An invalid value was specified for an LSET name.

**System Action:** The command is terminated.

**User Response:** Re-issue the command with the correct LSET name.if

---

**1037I**     **Option *option* is invalid**

**Explanation:** An invalid option was specified on a command.

**System Action:** The command is terminated.

**User Response:** Re-issue the command with correct option.

---

---

**1038I**      **Invalid or missing *item***

**Explanation:** A command has been received where some required data is not valid or has not been supplied.

**System Action:** The command is terminated.

**User Response:** Correct and re-issue the command.

---

**1039I**      ***value* is not numeric**

**Explanation:** A command has been received specifying a value which is not numeric, but should be.

**System Action:** The command is terminated.

**User Response:** Correct and re-issue the command.

---

**1040I**      **Operands must be in pairs**

**Explanation:** A command has been received where the operands which were specified are not in pairs.

**System Action:** The command is terminated.

**User Response:** Correct and re-issue the command.

---

**1041I**      **Invalid virtual address specified**

**Explanation:** A command has been received which specified an invalid virtual address.

**System Action:** The command is terminated.

**User Response:** Correct and re-issue the command.

---

**1042I**      **You must specify "ADD","DELETE" or "UPDATE"**

**Explanation:** A command has been received with parameters which are incorrect. The valid values are those shown in the message.

**System Action:** The command is terminated.

**User Response:** Correct and re-issue the command.

---

**1043I**      **You must specify "VOLSER" or "ALL"**

**Explanation:** A command has been received with parameters which are incorrect. The valid values are those shown in the message.

**System Action:** The command is terminated.

**User Response:** Correct and re-issue the command.

---

**1044I**      ***variable data***

**Explanation:** An internal control file has been found to contain invalid data as specified by *variable data*. Other messages will have been issued which provide further information.

**System Action:** As determined by the additional messages.

**Programmer Response:** Use the additional messages to determine the cause of the invalid data.

**User Response:** Contact the systems programmer responsible.

---

---

**1045E**      **Level** *level* **of file** *fname* **ftype not found for** *user id*

**Explanation:** An ADELETE command has been received where the file and level specification has resulted in a failure because the level does not exist.

**System Action:** The command is terminated.

**User Response:** Correct the command if necessary, and re-issue it.

---

**1046E**      **File** *fname* **ftype not found for** *user id*

**Explanation:** An ARENAME command was received but no files were found which matched the file specification.

**System Action:** The command is terminated.

**User Response:** Correct the command if necessary, and re-issue it.

---

**1047E**      **LISTFILE error for archive catalogs; RC =** *rc*

**Explanation:** An error occurred while attempting to list the archive catalogs.

**System Action:** The system continues.

**Programmer Response:** Use the return code to determine the cause of the error. It may be necessary to check the interface 197 minidisk to validate the catalogs.

**User Response:** Contact the systems programmer.

---

**1048I**      **START BACKUP for** *user id* **vaddr completed**

**Explanation:** A START BACKUP command for the specified minidisk has now completed.

**System Action:** The system continues.

**User Response:** None.

---

**1049I**      **START DBR for** *user id* **vaddr action**

**Explanation:** A START DBR command has resulted in the action as shown by *action*.

**System Action:** The system continues.

**User Response:** If the action *action* indicates the unsuccessful completion of the command, then use the additional messages, if any, to determine why this should be. To complete the DBR run, use the RESTART option to continue the dump.

---

**1050I**      *variable1 variable2*

**Explanation:** This message contains variable information.

**System Action:** The system continues.

**User Response:** None.

---

**1051I**      **Invalid account number** *number* **specified**

**Explanation:** An ADEFINE command has been issued specifying an account number which has been rejected by the installation user exit HDFXAC.

**System Action:** The command is terminated.

**User Response:** Re-issue the command with a valid account number.

---

---

**1052E** File *fname ftype* has RECFM *recfm* and is ignored

**Explanation:** A request was made to backup or archive a file which has a RECFM other than F or V.

**System Action:** The file is not copied for backup or archive.

**Programmer Response:** If corruption is suspected then examine the minidisk in question.

**User Response:** This may indicate a corruption of the minidisk on which the file resides. If this is the case, then contact the systems programmer. Alternatively, the RECFM may have been altered by a user, in which case the file cannot be copied unless it is changed to a RECFM of F or V.

---

**1053E** File *fname ftype* on minidisk *user id vaddr* has RECFM *recfm* and is ignored

**Explanation:** A request was made to backup or archive a file which has a RECFM other than F or V.

**System Action:** The file is not copied for backup or archive.

**Programmer Response:** If corruption is suspected then examine the minidisk in question.

**User Response:** This may indicate a corruption of the minidisk on which the file resides. If this is the case, then contact the systems programmer. Alternatively, the RECFM may have been altered by a user, in which case the file cannot be copied unless it is changed to a RECFM of F or V.

---

**1054S** Invalid catalog file *fname ftype* found on *user id 191*

**Explanation:** During subsystem initialization, an invalid catalog was encountered.

**System Action:** The virtual machine will not start and logs off.

**Operator Response:** Contact the systems programmer.

**Programmer Response:** Examine the file to establish whether it appears to be a catalog. It may be that a user file with a CMS filemode of 1 has been incorrectly loaded onto the minidisk. All files with a filemode of 1 are assumed to be catalogs, so it should be renamed or erased.

**User Response:** Contact the systems programmer.

---

**1055I** Tape *volser* validated; expiration date now *edate*

**Explanation:** During DBR processing, a tape was accepted for use and a new expiration date was written.

**System Action:** The tape is accepted by the subsystem and will be used to receive data.

**Operator Response:** None.

**User Response:** None.

---

**1060T** *option* is not a valid installation option

**Explanation:** The specified installation option is not a valid installation option.

**System Action:** The virtual machine logs off.

**Operator Response:** Contact the systems programmer.

**Programmer Response:** Correct the option in the PROFILE file.

---

**1062T      The value *value* for option *option* is out of range**

**Explanation:** The specified installation option was specified with a value that is out of the required range.

**System Action:** The virtual machine logs off.

**Operator Response:** Contact the systems programmer.

**Programmer Response:** Correct the option in the PROFILE file.

---

**1063T      The value *value* for option *option* is invalid**

**Explanation:** The specified installation option was specified with an incorrect value.

**System Action:** The virtual machine logs off.

**Operator Response:** Contact the systems programmer.

**Programmer Response:** Correct the option in the PROFILE file.

---

**1064T      Incorrect record format for file *file name* *file type***

**Explanation:** The specified file had an incorrect record format.

**System Action:** The virtual machine logs off.

**Operator Response:** Contact the systems programmer.

**Programmer Response:** Correct the file.

---

**1065T      A value other than YES or NO was specified for *option***

**Explanation:** The specified option was specified incorrectly. A value of YES or NO was required.

**System Action:** The virtual machine logs off.

**Operator Response:** Contact the systems programmer.

**Programmer Response:** Correct the PROFILE file.

---

**1066T      Installation option *option* specified more than once**

**Explanation:** The specified installation option was specified more than once in the startup PROFILE file.

**System Action:** The virtual machine logs off.

**Operator Response:** Contact the systems programmer.

**Programmer Response:** Correct the PROFILE file.

---

**1067T      Nodeid can not be located in file SYSTEM NETID**

**Explanation:** The current nodeid can not be obtained by reading the SYSTEM NETID file and comparing its entries with the virtual CPUID.

**System Action:** The virtual machine logs off.

**Operator Response:** Contact the systems programmer.

**Programmer Response:** Correct the file.

---

**1068W      Subuser *user* is active, subsystem restart rejected**

**Explanation:** A complete subsystem restart was requested via the KILLSUB *interface* command, but the specified subuser was active.

**System Action:** The command is rejected.

**User Response:** If required, use the FORCE option to force a subsystem restart.

---

**1069I      Attempting *speed* restart of *name* subsystem**

**Explanation:** This message confirms receipt of a KILLSUB command requesting a complete restart of the specified BARS/VM subsystem.

**System Action:** The subsystem attempts to restart.

**User Response:** Allow sufficient time for the subsystem to restart, and then verify that it has restarted.

---

**1070I      Interface *vaddr* minidisk is *pct%* full**

**Explanation:** The specified minidisk was found to be *pct%* full at initialization time.

**System Action:** The system continues.

**User Response:** If the minidisk is becoming full, then contact the systems administrator or systems programmer.

---

**1071E      *process* is not started; please increase *user id vaddr* minidisk**

**Explanation:** The named process could not begin because the specified minidisk is too full.

**System Action:** The process is not started, but the system continues processing.

**Programmer Response:** Increase the size of the minidisk.

**User Response:** Contact the systems programmer.

---

**1072E      Cannot read PRIMARY VOLUMES from other system**

**Explanation:** In an SSI environment, the subsystem was unable to read the file PRIMARY VOLUMES on another node.

**System Action:** The system continues.

**Programmer Response:** Determine the cause of the error.

**User Response:** Contact the systems programmer.

---

**1073I      Subuser *user id* has storage allocated for *entity***

**Explanation:** During subsystem or backup termination, free storage was released by the resource controller held for the specified entity.

**System Action:** The system terminates or continues processing as is appropriate in the situation.

**User Response:** None.

---

**1074I      There are no owned user ids**

**Explanation:** A DISPLAY OWNED command was received but there were no owned user ids found.

**System Action:** The command is terminated.

**User Response:** None.

---

**1075I      There are no deferred commands**

**Explanation:** A DISPLAY DEFERRED command was received but there were no deferred commands found.

**System Action:** The command is terminated.

**User Response:** None.

---

**1076I Subuser *user id* killed; R C = *rc***

**Explanation:** A KILLSUB command resulted in the specified return code.

**System Action:** If the return code is zero, then the subuser was successfully logged off. If the return code was nonzero, then an error occurred.

**User Response:** If the return code was nonzero, then establish the reason for this. It may be that the interface virtual machine does not have the correct CP privilege classes.

---

**1077E Command *command* is not allowed in a SLAVE environment**

**Explanation:** The specified command is not permitted from the system which is running in SLAVE mode.

**System Action:** The command is terminated.

**User Response:** Re-issue the command from the host system.

---

**1078I Processing has been halted for *type* users**

**Explanation:** A command has been received but the subsystem has previously been halted. *type* defines whether all users, or just general users, are unable to use the subsystem.

**System Action:** The system remains in the halted state.

**User Response:** To resume processing an authorized user id must issue the HALT END command.

---

**1079I Backup/Restore/DBR inactive**

**Explanation:** No backup, restore or DBR function is currently being performed.

**System Action:** The system continues.

**User Response:** None.

---

**1080I *process* is in progress**

**Explanation:** The specified process is currently in progress.

**System Action:** The system continues.

**User Response:** None.

---

**1081I Outstanding VMCPARM block count = *number***

**Explanation:** A full volume restore is currently in progress, and the outstanding count of queued VMCPARM blocks is as shown.

**System Action:** The restore continues.

**User Response:** None.

---

**1082I Current restart count = *current*, maximum allowed restarts = *maximum***

**Explanation:** The total number of subusers which have been restarted this session is shown, along with the maximum number of allowed restarts. See the ERESTART option for details of the maximum number allowed.

**System Action:** The system continues.

**User Response:** None.

---

---

**1084E No remote node is defined**

**Explanation:** A remote function was requested, but no remote node was defined in the installation options.

**System Action:** The command is terminated.

**Programmer Response:** Define the remote node if necessary.

**User Response:** Contact the systems programmer.

---

**1085I Tape *external label* mounted and label verified**

**Explanation:** The specified tape has been mounted as the label verified as valid.

**System Action:** The tape will be used for the function for which it was requested. System processing continues normally.

**Operator Response:** None

**User Response:** None

---

**1086I Tape *external label* demounted**

**Explanation:** The specified tape has been demounted.

**System Action:** The system continues.

**Operator Response:** None

**User Response:** None

---

**1087E The number of defined tape units is zero**

**Explanation:** A request was made for a function which requires the use of tapes, but the installation option specifies that there are no tape units available.

**System Action:** The command or process is terminated.

**Programmer Response:** Set the ENUMTAPE installation option to the number of tape units you wish to be used for non-DBR functions. For the DBR function, set the ENUMTDBR installation option.

**Operator Response:** Contact the systems administrator.

---

**1088E Catalog type specified was *type*, should be ARC or MIG**

**Explanation:** The module will only handle ARC or MIG catalog files, not *type* catalog files.

**System Action:** The command is terminated.

**User Response:** Contact the person responsible for the backup system.

---

**1089E Invalid volume serial *volser* specified**

**Explanation:** A RESTORE command was issued for a full DASD volume but an invalid volume serial was specified.

**System Action:** The command is terminated.

**User Response:** Check that the command was issued correctly and reissue it if necessary.

---

**1110S Invalid CMS level ("*level*") detected. Subsystem not started.**

**Explanation:** The interface code determines the level of CMS to be one which it does not recognize.

**System Action:** The virtual machine logs off.

**Operator Response:** Contact the systems administrator.

**Programmer Response:** Check the installation instructions to ensure that they have been followed correctly.

---

**1111S      Unknown CMS level detected. Subsystem not started.**

**Explanation:** The interface code determines the level of CMS to be one which it does not recognize.

**System Action:** The virtual machine logs off.

**Operator Response:** Contact the systems administrator.

**Programmer Response:** Check the installation instructions to ensure that they have been followed correctly.

---

**1112E      Error loading ACCESS nucleus extension from *name* MODULE.**

**Explanation:** The specified error code was obtained when issuing NUCXLOAD for the specified MODULE file as ACCESS.

**System Action:** The system continues.

**Operator Response:** Contact the systems administrator.

**Programmer Response:** Check the return code and that the MODULE file is on the correct minidisk.

---

**1113E      Error *code* loading HDFTAP nucleus extension from HDFTAP MODULE**

**Explanation:** The specified error code was obtained when issuing NUCXLOAD for HDFTAP MODULE.

**System Action:** The system continues.

**Operator Response:** Contact the systems administrator.

**Programmer Response:** Check the return code and that HDFTAP MODULE is on the correct minidisk.

---

**1114E      Error *code* loading HDFCPY nucleus extension from HDFCPY MODULE**

**Explanation:** The specified error code was obtained when issuing NUCXLOAD for HDFCPY MODULE.

**System Action:** The system continues.

**Operator Response:** Contact the systems administrator.

**Programmer Response:** Check the return code and that HDFCPY MODULE is on the correct minidisk.

---

**1115E      Returncode *code* while executing ACCESSM0 ON**

**Explanation:** The specified error code was obtained when issuing the ACCESSM0 ON command. This command is required from CMS Rel.8 and on to allow the subsystem to see filemode number zero files with R/O access.

**System Action:** The system continues. All filemode number zero files will be skipped later.

**Operator Response:** Contact the systems administrator.

**Programmer Response:** Place the current corresponding ACCESSM0 MODULE on an accessed minidisk of the subsystem or onto the Interface userid 194 minidisk.

---

**1090S      File CONTROL DATA not found as expected; logging off**

**Explanation:** A critical control file was not found during the initialization process although it had existed at some previous time.

**System Action:** The interface virtual machine logs off.

**Programmer Response:** Contact the next level of support.

---

**1091I REORG for B.V. *cuu* delayed as there is more than *percent%* of the data (*number blocks*) still allocated**

**Explanation:** It is not worth reorganizing the specified backup or archive tape since the amount of valid data on the tape exceeds the percentage specified in the ETPFULL startup parameter.

**System Action:** The tape is marked as reorganized on the current day.

**User Response:** None required, other than a periodic review to make sure a suitable value has been set for ETPFULL.

---

**1092E Insufficient tape units defined to reorganize tape *cuu***

**Explanation:** It is not possible to reorganize the specified tape since the value of ENUMTAPE is too small. For a normal tape to tape reorganization two tape units are required. For an archive reorganization with twin tapes, three are needed.

**System Action:** The reorganization is not performed.

**Programmer Response:** Increase the value of ENUMTAPE in the options file.

---

**1093I There are no tapes currently in use**

**Explanation:** A DISPLAY STATUS TAPES command was received, but there were no active tape volumes.

**System Action:** The command is terminated.

**User Response:** None.

---

**1154I There are no tape backup volumes defined**

**Explanation:** Backup direct to tape was requested via installation option, but there are no tapes defined to be used.

**System Action:** The command or process is terminated.

**Programmer Response:** Set the ETBONLY installation option to NO to use disk backup volumes or add tapes by means of the TAPE command.

**User Response:** Contact the systems administrator.

---

**1156E Object is set to no backup**

**Explanation:** The specified object is set to no backup and therefore no backup is created.

**System Action:** The system continues.

**User Response:** If the object should be backed up, contact the administrator or issue the BACKUP command.

---

**1157I Non-CMS backup successfully created**

**Explanation:** Backup has been successfully created for a non-CMS object as requested.

**System Action:** The system continues.

**User Response:** None.

---

**1158I Erasure date of *date* reset for file *fn ft* on minidisk *user id cuu***

**Explanation:** An erasure date has been removed for the file specified.

**System Action:** The system continues.

**User Response:** None.

---

---

**1159I** No file erased since specified erase date for minidisk *user id cuu*

**Explanation:** No matching files on this minidisk have been erased since the specified date.

**System Action:** The system continues.

**User Response:** Issue a QUERY command to check the erasure date of the file(s) specified.

---

**1160E** Minidisk *user id cuu* is not a CMS formatted minidisk

**Explanation:** This command can only be issued against CMS formatted minidisks. The backup catalog shows this minidisk to be a non-CMS minidisk.

**System Action:** The system continues.

**User Response:** Check that you specified the correct minidisk.

---

**1161E** Minidisk *user id cuu* reformatted to non-CMS, return code *code* from ACCESS

**Explanation:** This command can only be issued against CMS formatted minidisks. This minidisk is no longer CMS formatted.

**System Action:** The system continues.

**User Response:** Check that you specified the correct minidisk.

---

**1162I** ADT information updated for minidisk *user id cuu*

**Explanation:** The backup catalog has been updated successfully.

**System Action:** The system continues.

**User Response:** None.

---

**1163I** Maximum number of blocks reset for minidisk *user id cuu*

**Explanation:** The maximum number of used blocks has been reset in the catalog.

**System Action:** The system continues.

**User Response:** None.

---

**1500E** Error in CSL routine *name*; RC = *code*; reason code *code*; object *name*

**Explanation:** An error was received from a call to the Callable Services Library. The message gives the routine which was called together with the return code, reason code and the object being processed.

**System Action:** The system continues.

**Programmer Response:** Check the return and reason codes to determine the cause of the error. The seriousness of the error depends on the operation being performed. There will often be further messages providing more information.

**User Response:** Contact the systems programmer if necessary.

---

**1501E** Bad SFS catalog type *type* encountered

**Explanation:** While processing the SFS catalogs for a file space the system has encountered an unknown catalog type.

**System Action:** The system ignores the catalog and continues.

**Programmer Response:** Try to determine what the unknown catalog type represents.

---

**1502E**     *user id filepool will not be processed*

**Explanation:** The specified minidisk or file space will not be processed for backup because of an error which has been previously notified.

**System Action:** The system continues.

**Programmer Response:** Check for other messages indicating the precise nature of the problem.

---

**1503E**     **Error writing SFS ENROLLED file; RC = code. Previous data will be used**

**Explanation:** An error occurred writing to the file which is to contain information about SFS enrolled users. This file is subsequently used by the backup process.

**System Action:** The system continues with the enrollment information which was last successfully obtained.

**Programmer Response:** The code is from the FSWRITE macro. Using the code determine why the write failed.

---

**1504I**     **No file pools are defined**

**Explanation:** At the beginning of the backup process the system has determined that there are no SFS file pools defined for backup.

**System Action:** The system continues.

**Programmer Response:** None required. If it is desired to back up SFS files, the file pools may be defined by means of the FILEPOOL command.

---

**1505E**     **File pool *name* not deleted, not in file FILEPOOL NAMES**

**Explanation:** A FILEPOOL command has been issued to delete a file pool. However the specified file pool has never been defined for backup.

**System Action:** The system continues.

**Programmer Response:** Check that the current file pool name has been specified. Reissue the command with the correct name if necessary.

---

**1506E**     **File pool *name* not added, already in file FILEPOOL NAMES**

**Explanation:** A FILEPOOL command has been issued to add a file pool. However the specified file pool is already defined for backup.

**System Action:** The system continues.

**Programmer Response:** Check that the correct file pool name has been specified. Reissue the command with the correct name if necessary.

---

**1507E**     **Objectcat data not found for *name*, no date and time set**

**Explanation:** During the backup process, no objectcat data was found for the specified directory. The system is therefore unable to determine date and time information for the directory.

**System Action:** The system continues.

**Programmer Response:** The system will run normally but try to determine the reason for the error.

---

**1508E**     **ACCESS to *dirname* failed; RC = code**

**Explanation:** A CMS ACCESS for an SFS directory failed with the specified return code.

**System Action:** The system continues. Processing for the directory is terminated.

**Programmer Response:** Check the error code to determine the cause of the ACCESS failure.

---

**1509E SFS directory *dirname* cannot be backed up; no available slots.**

**Explanation:** The specified directory cannot be backed up because the implementation limit on the number of directories has been reached for this file space.

**System Action:** The system continues. The directory is not backed up.

**Programmer Response:** If backup is required, investigate the possibility of erasing some directories to reduce the total number.

---

**1510E File pool *name* was not found in FILEPOOL NAMES**

**Explanation:** The file pool specified in a RESTORE or RETRIEVE operation has not been defined for backup.

**System Action:** The command is terminated.

**User Response:** Check that the correct parameters were given to the command and reissue the command if necessary.

---

**1511I CSL routine for object is about to be issued**

**Explanation:** This is an informational message. It indicates that a Callable Services Library call for an object is about to be issued.

**System Action:** The system continues.

**Programmer Response:** None.

---

**1512I CSL routine for object has completed**

**Explanation:** This is an informational message. It indicates that a Callable Services Library call for an object has completed.

**System Action:** The system continues.

**Programmer Response:** None.

---

**1513I File *file name file type* is an ALIAS and cannot be retrieved**

**Explanation:** A RETRIEVE command has been issued specifying a file which is an SFS alias. Aliases cannot be retrieved.

**System Action:** The file is not retrieved.

**User Response:** Either recreate the alias using CMS commands or use the RESTORE command to restore the alias.

---

**1514I Filepool *name* is not defined for backup**

**Explanation:** An attempt to back up a file has been rejected because the file pool containing the file has not been specified as one that is to be backed up.

**System Action:** The command is terminated.

**Programmer Response:** If the file pool should be backed up use the FILEPOOL command to define it.

**User Response:** Contact the systems programmer responsible.

---

**1515I Error backing up *type* data for *dirname***

**Explanation:** An error occurred backing up alias or authorization data for the specified directory. Additional messages describing the error will have been issued.

**System Action:** The system continues.

**Programmer Response:** Determine the cause of the error from the other messages.

---

---

**1516E** File *fname ftype* cannot be restored as it already exists

**Explanation:** A RESTORE command was issued for an SFS directory or for SFS files, but a file matching the command specification already existed.

**System Action:** The command continues, but the file is not restored.

**User Response:** Check that the file specification is correct, and reissue the command if necessary. If an SFS file already exists, then it cannot be restored but it may be retrieved via the RETRIEVE command.

---

**1517I** Directory *name* is not backed up

**Explanation:** The specified directory is not backed up and therefore no data can be retrieved or restored.

**System Action:** The system continues.

**User Response:** If the directory should be backed up, contact the administrator.

---

**1518E** Filepool deadlock occurred in CSL routine *name*; object *name*; the function will be retried

**Explanation:** During backup of alias and authorization data for the specified object, a file pool deadlock occurred.

**System Action:** The system retries the function until it succeeds.

**Programmer Response:** If this message appears frequently it may indicate a problem with the way the Shared File System has been set up.

---

**1519E** Directory *dirname* does not exist

**Explanation:** The directory name specified on a command does not exist.

**System Action:** The command is terminated.

**User Response:** Check that the correct directory name was given. Reissue the command if necessary.

---

**1520E** The option *option* is not allowed with a directory id

**Explanation:** The specified command option is not allowed when an SFS directory (or "dirid") is specified.

**System Action:** The command is terminated.

**User Response:** Reissue the command correctly if necessary.

---

**1521E** Error setting filepool *name*, processing will be abended

**Explanation:** The system failed to set the default file pool name as specified in the installation parameters.

**System Action:** The system abends.

**Programmer Response:** Check the installation options and correct or remove the file pool name.

---

**1522E** Alias and authorization backup already exists for *userID*

**Explanation:** An attempt to rename the alias and authorization backup for a user id failed.

**System Action:** The operation is terminated.

**User Response:** Check that the user id was correctly specified.

---

---

**1523E Error determining enrolled users in *name*. Previous data will be used**

**Explanation:** An error determining the users enrolled in the specified file pool. Other messages will give more information about the error.

**System Action:** The system continues with the enrollment information which was last successfully obtained.

**Programmer Response:** Determine the cause of the error from the messages issued.

---

**1524E No catalog for *user id object* was found**

**Explanation:** A BACKUP command was issued for a minidisk or SFS directory but the command could not be processed because no backup catalog file exists for the specified object.

**System Action:** The command is terminated.

**User Response:** Check that the command was issued correctly and reissue it if necessary.

---

**1525E *object name* cannot be restored as it already exists**

**Explanation:** A RESTORE command was issued for an SFS files pace, directory or alias, but that object already exists.

**System Action:** The command is terminated in the case of a file space restore. Otherwise, command processing continues.

**User Response:** Check that the command is correct, and reissue it if necessary. Restoration of SFS objects can only be performed if they do not exist.

---

**1526E Migrated files will not be backed up**

**Explanation:** Migrated CMS files will not be backed up in this backup cycle. This message will be accompanied by others giving further information.

**System Action:** Backup continues normally but migrated files do not get backed up.

**Programmer Response:** Investigate the reasons by looking at all the relevant messages.

---

**1527E Directory for migration data does not exist for *userid dirname***

**Explanation:** During a RESTORE operation for a file that was migrated at backup time, the directory which should contain the migration information could not be located.

**System Action:** The file is not restored. Processing continues for other files.

**Programmer Response:** Check the messages from the backup cycle to see if errors are occurring when processing migrated files.

---

**1528I File *file name file type* is empty and cannot be retrieved**

**Explanation:** A RETRIEVE command has been issued specifying a file which is an SFS empty file. Such files cannot be retrieved.

**System Action:** The file is not retrieved.

---

**1529I Extended information: error reason code *code*; return code *code*; reason code augmentation *code***

**Explanation:** A Callable Services Library (CSL) call resulted in an error. The message gives extended error information. The particular error will have been diagnosed in message 1500 and message 1529 gives additional information. This is the information passed back by the wuerror parameter of some CSL calls.

**System Action:** Processing continues.

**User Response:** See message 1500.

---

---

**1530E Impossible to read directory due to frequent updates - using old directory**

**Explanation:** The file which was defined as containing the VM directory was found to have changed at the end of scanning it. This was true for a hundred retries.

**System Action:** Directory not scanned, processing continues with the directory data from previous run.

**Programmer Response:** Check what is causing this heavy update activity of the VM directory file and take any appropriate action.

---

**1531I Directory was updated during scan - trying again**

**Explanation:** The file which was defined as containing the VM directory was found to have changed at the end of scanning it. A retry will be done.

**System Action:** Scanning of the VM directory file will be retried.

**User Response:** None.

---

**1532I The following DEVNO or MDISK directory statement will be ignored:**  
*directory\_statement*

**Explanation:** An invalid DEVNO or MDISK directory statement was found in the VM directory during the scan process. Values need to be obtained from the real device. The full pack minidisk will not be backed up.

**System Action:** Processing continues.

**Programmer Response:** Check the statement or whether the minidisk can be linked.

---

**4000I Backup process start: *date time***

**Explanation:** The backup process is starting.

**System Action:** Processing continues.

---

**4001I Backup cycle start: *date time***

**Explanation:** The catalog minidisks have been backed up and now the main backup cycle is starting.

**System Action:** Processing continues.

---

**4002I *userid cuu* NON-CMS *number Cyl|Blk* parts copied: *number***

**Explanation:** The specified non-CMS minidisk has been backed up successfully. The message gives the size of the minidisk and the number of parts that were backed up (non-CMS minidisks are backed up in parts so as to fit on the backup media).

**System Action:** Processing continues.

---

**4003I *userid cuu* Filepool *name* files copied: *number***

**Explanation:** The specified SFS directory has been backed up successfully. The message gives the name of the file pool and the number of files that were backed up.

**System Action:** Processing continues.

---

**4004I *userid cuu* CMS *number Cyl|Blk* files copied: *number***

**Explanation:** The specified CMS minidisk has been backed up successfully. The message gives the size of the minidisk and the number of files that were backed up.

**System Action:** Processing continues.

---

---

**4005I**      *userid cuu reformatted to NON-CMS*

**Explanation:** The specified minidisk was previously backed up as CMS but is now a non-CMS minidisk. Backup is not performed for this object. A BACKUP command must be issued before backup will resume. The existing CMS backup will remain until this is done.

**System Action:** Processing continues.

---

**4006I**      *userid cuu reformatted to CMS*

**Explanation:** The specified minidisk was previously backed up as non-CMS but is now a CMS minidisk. Backup is not performed for this object. A BACKUP command must be issued before backup will resume. The existing non-CMS backup will remain until this is done.

**System Action:** Processing continues.

---

**4007I**      **\*\*\* ALL OBJECTS HAVE BEEN PROCESSED \*\*\***

**Explanation:** All objects requiring backup processing have been processed.

**System Action:** Processing continues.

---

**4008I**      **Number of NON-CMS minidisks processed:** *number*

**Explanation:** The specified number of non-CMS minidisks have been backed up.

**System Action:** Processing continues.

---

**4009I**      **Number of NON-CMS minidisk megabytes processed:** *number*

**Explanation:** This message give the total size of the non-CMS minidisks that have been backed up.

**System Action:** Processing continues.

---

**4010I**      **Number of CMS minidisks processed:** *number*

**Explanation:** The specified number of CMS minidisks have been backed up. This includes minidisks where no files have changed and hence no files were copied.

**System Action:** Processing continues.

---

**4011I**      **Number of CMS minidisk megabytes processed:** *number*

**Explanation:** This message give the total size of the CMS minidisks backed up.

**System Action:** Processing continues.

---

**4012I**      **Number of CMS files processed:** *number*

**Explanation:** This message give the total number of files copied from CMS minidisks that were backed up.

**System Action:** Processing continues.

---

**4013I**      **Number of SFS directories processed:** *number*

**Explanation:** The specified number of SFS directories have been backed up. This includes directories where no files have changed and hence no files were copied.

**System Action:** Processing continues.

---

**4014I**      **Number of SFS files processed:** *number*

**Explanation:** This message give the total number of SFS files that were backed up.

**System Action:** Processing continues.

---

---

**4015I**      **D.C.:** *command* ( **FOR** *userid* **FROM** *userid* )

**Explanation:** The specified deferred command was processed.

**System Action:** Processing continues.

---

**4016I**      *operands* **RESULT:** *result*

**Explanation:** This message follows message 4015 and gives additional information including whether the command was successful or not.

**System Action:** Processing continues.

---

**4017I**      **Backup cycle end:** *date time*

**Explanation:** The backup cycle has ended.

**System Action:** Processing continues.

---

**4018I**      **Number of NON-CMS minidisk parts processed:** *number*

**Explanation:** This message gives the total number of parts backed up for non-CMS minidisks.

**System Action:** Processing continues.

---

**4019I**      **Number of *tape/dasd backup/archive files/parts/blocks* for level *level*:** *number*

**Explanation:** These messages give the numbers of backed up and archived CMS files, non-CMS parts and blocks on both tape and DASD. There is a separate message for each category.

**Note:** It is possible to have a non-zero number of dasd backup files/parts/blocks even when all backup is directly to tape because empty SFS files are not catalogued as being stored on tape.

**System Action:** Processing continues.

---

**4020I**      **Number of minidisks processed as CMS and NON-CMS:** *number*

**Explanation:** This message gives the total number of minidisks which were backed up both as CMS and non-CMS. Each minidisk in this total also appears in both the CMS minidisks processed count and the non-CMS minidisks processed count. This condition only occurs when the non-CMS backup interval coincides with the CMS backup interval.

**System Action:** Processing continues.

---

**4021I**      **Minidisk *cuu* spilled to tape *cuu***

**Explanation:** The specified backup or archive minidisk has been spilled to tape and is now empty.

**System Action:** Processing continues.

---

**4022I**      **Backup process end:** *date time*

**Explanation:** Catalog backup has been done and the whole backup process is now complete.

**System Action:** Processing continues.

---

**4023E**      **Internal error. Code** *code*

**Explanation:** An error has occurred with the report process. An invalid code was received.

**System Action:** Processing continues.

**Programmer Response:** Try to determine where the erroneous code was generated.

---

**4024I**      *userid directory filepool name not backed up (reason)*

**Explanation:** The specified SFS directory was not backed up for a valid reason. This message is only generated if a long report is requested. It gives the name of the file pool and the reason. Possible reasons are:

```
NOBACKUP    - directory was specified for no backup
not due      - backup is not due
HDFXBP      - HDFXBP or HDFXB1 user exit requested no backup
no time      - time did not permit backup
LINK failed - directory could not be accessed
```

**System Action:** Processing continues.

---

**4025I**      *userid cuu minidisk size Cyl|Blk not backed up (reason)*

**Explanation:** The specified minidisk was not backed up for a valid reason. This message is only generated if a long report is requested. It gives the size of the minidisk and the reason. Possible reasons are:

```
NOBACKUP    - minidisk was specified for no backup
NON-CMS     - minidisk is non-CMS and backup has not been requested
not due      - backup is not due
HDFXBP      - HDFXBP or HDFXB1 user exit requested no backup
no time      - time did not permit backup
LINK failed - minidisk could not be linked
archived     - minidisk is archived
```

**System Action:** Processing continues.

---

**4026I**      **Number of minidisks not requiring backup: *number***

**Explanation:** The specified number of minidisks were not backed up because backup was not required. If a long report is requested, details of these minidisks will be given in messages with number 4025.

**System Action:** Processing continues.

---

**4027I**      **Number of SFS directories not requiring backup: *number***

**Explanation:** The specified number of directories were not backed up because backup was not required. If a long report is requested, details of these minidisks will be given in messages with number 4024.

**System Action:** Processing continues.

---

**4028I**      **Number of *object-type* to be processed: *number***

**Explanation:** These messages list the numbers of minidisks, SFS directories and SFS file spaces that are to be processed during the backup cycle. These are the total numbers that will be looked at, including objects that will not be backed up for valid reasons, e.g. no backup is requested. The numbers do not include objects on volumes excluded from backup by the PRIMARY command.

**System Action:** Processing continues.

---

**4029I**      **Number of *object-type* not processed: *number***

**Explanation:** These messages list the numbers of minidisks and SFS directories that have not been processed during the backup cycle. The normal reason for a non-zero value is lack of time for backup or a shortage of backup space.

**System Action:** Processing continues.

**Programmer Response:** Determine the cause of the problem from preceding messages. It may be necessary to allow a longer backup cycle, add more subusers or more backup space.

---

**4032I**      **Number of minidisks excluded (PRIMARY command)** *number*

**Explanation:** This message gives the total number of minidisks not backed up because they reside on volumes excluded from backup by the PRIMARY command.

**System Action:** Processing continues.

---

**4040E**      **Internal error. Code** *code*

**Explanation:** An error has occurred with the report process. An invalid code was received during DBR processing.

**System Action:** Processing continues.

**Programmer Response:** Try to determine where the erroneous code was generated.

---

**4041I**      **Disaster Backup Report from** *date time*

**DBR process start type (restarted) :** *date time*

**Explanation:** The disaster backup process is starting.

**System Action:** Processing continues.

---

**4042I**      *userid cuu* **NON-CMS** *number Cyl|Blk* **parts copied:** *number*

**Explanation:** The specified non-CMS minidisk has been backed up successfully during disaster backup processing. The message gives the size of the minidisk and the number of parts that were backed up (non-CMS minidisks are backed up in parts so as to fit on the backup media).

**System Action:** Processing continues.

---

**4043I**      *userid cuu* **CMS** *number Cyl|Blk* **files copied:** *number*

**Explanation:** The specified CMS minidisk has been backed up successfully during disaster backup processing. The message gives the size of the minidisk and the number of files that were backed up.

**System Action:** Processing continues.

---

**4044I**      **\*\*\* ALL minidisks have been processed \*\*\***

**Explanation:** All minidisks requiring disaster backup processing have been processed.

**System Action:** Processing continues.

---

**4045I**      **Number of NON-CMS minidisks processed:** *number*

**Explanation:** The specified number of non-CMS minidisks have been backed up by the disaster backup process.

**System Action:** Processing continues.

---

**4046I**      **Number of NON-CMS minidisk megabytes processed:** *number*

**Explanation:** This message give the total size of the non-CMS minidisks that have been backed up by the disaster backup process.

**System Action:** Processing continues.

---

**4047I**      **Number of CMS minidisks processed:** *number*

**Explanation:** The specified number of CMS minidisks have been backed up by the disaster backup process.

**System Action:** Processing continues.

---

---

**4048I**      **Number of CMS minidisk megabytes processed:** *number*

**Explanation:** This message give the total size of the CMS minidisks backed up by the disaster backup process.

**System Action:** Processing continues.

---

**4049I**      **Number of CMS files processed:** *number*

**Explanation:** This message give the total number of files copied from CMS minidisks that were backed up by the disaster backup process.

**System Action:** Processing continues.

---

**4050I**      **Number of CMS files missed (or in error):** *number*

**Explanation:** This message give the total number of files that failed to copy successfully during the disaster backup process.

**System Action:** Processing continues.

**Programmer Response:** Determine what the files were not backed up. Other messages will give further information.

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**4051I**      >>> **Error creating DBR logfile tape. Please check.** <<<

**Explanation:** An error occurred creating the DBR log (control) file tape. This tape contains the control files needed for recovery.

**System Action:** Processing continues.

**Programmer Response:** Determine the cause of the error. Other messages will give further information.

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**4052I**      **DBR process end** *type : date time*

**Explanation:** Disaster backup processing is complete.

**System Action:** Processing continues.







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