

IBM Application Recovery Tool for IMS and DB2 Databases
Version 1 Release 2

Messages and Codes



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Note

Before using this information and the product it supports, be sure to read the information under “Notices,” on page 205.

This edition applies to Version 1 Release 2 of the IBM Application Recovery Tool for IMS and DB2 Databases, Program Number 5697-F56, and to all subsequent releases and modifications until otherwise indicated in new editions.

This edition replaces SC27-1114-01.

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About this book

This manual describes the messages, abends and return codes issued by the program components of IBM Application Recovery Tool for IMS and DB2 Databases.

Who should read this book

This book is intended for use by programmers, operators, and system support personnel to advise them about the state of a function in this product and the actions required to correct a given problem. For information on the Application Recovery Tool for IMS and DB2 Databases product, see the *Application Recovery Tool for IMS and DB2 Databases User's Guide* SC27-0980.

Conventions and terminology used in this book

In this book, Application Recovery Tool for IMS and DB2 Databases is referred to as Application Recovery Tool.

Service updates and support information

To find service updates and support information, including software FixPaks, PTFs, Frequently Asked Question (FAQs), technical notes, troubleshooting information, and downloads, refer to the following Web address:

www.ibm.com/software/data/db2imstools/support.html

Prerequisite knowledge

Before using this book, you should be familiar with basic IMS and DB2 concepts and with your installation's IMS and DB2 systems.

For a list of related publications, see "Bibliography" on page 209.

Where to find information

The Data Management Tools Library Web page provides current product documentation that you can view, print, and download. To locate publications with the most up-to-date information, refer to the following Web address:

www.ibm.com/software/data/db2imstools/library.html

IBM Redbooks that cover Data Management Tools are available from the following Web address:

www.ibm.com/software/data/db2imstools/support.html

The technical changes for this edition are summarized under Chapter 1, "Summary of changes," on page 1. Specific changes since the previous edition of this book are indicated by a vertical bar (|) to the left of a change. Editorial changes that have no technical significance are not noted.

Always check the Data Management Library page for the most current version of this publication:

<http://www.ibm.com/software/data/db2imstools/library.html>

Accessibility features

Accessibility features help a user who has a physical disability, such as restricted mobility or limited vision, to use a software product successfully. The major accessibility features in Application Recovery Tool for IMS and DB2 Databases enable users to:

- Use assistive technologies such as screen readers and screen magnifier software. Consult the assistive technology documentation for specific information when using it to access z/OS interfaces.
 - Customize display attributes such as color, contrast, and font size.
-

How to send your comments

Your feedback is important in helping to provide the most accurate and high-quality information. If you have any comments about this book or any other Application Recovery Tool documentation:

- Send your comments by e-mail to dmtinfo@us.ibm.com. Be sure to include the name of the book, the part number of the book, the version of Application Recovery Tool and, if applicable, the specific location of the text you are commenting on (for example, a page number or table number).
- Fill out one of the forms at the back of this book and return it by mail, by fax, (all countries: 800-426-7773), or by giving it to an IBM representative.

Chapter 1. Summary of changes

This section summarizes significant changes for this release. Changes in the manual are identifiable by revision bars (|) in the margin of the text. Editorial changes are not marked.

SC27-1114-02 – October 2011

- Messages for DB2 10 exploitation and other new features have been added.

General enhancements

The manual reflects the new name of the product.

Additional messages

Several new messages have been added at the end of the previously existing messages.

Chapter 2. Introduction

This chapter lists and describes the messages, abends and return codes issued by the program components of Application Recovery Tool.

Meaning of messages

There are two types of Application Recovery Tool messages:

- General messages that explain how a function is progressing
These messages provide information such as the processing time stamp or the name of the JCL skeleton. These messages generally require no action on your part.
- Information, warning, or error messages, which are issued only if particular or abnormal conditions occur
These messages are listed in alphabetical order and explained in Chapter 3, "Error messages," on page 5.

Application Recovery Tool messages are numbered as follows:

AAAAAA-X

where:

AAAAAA

is the name of the function that is running or the suffix of the CSECT name sending the message

nnn is the message number for the CSECT AAAAAA

X is equal to I (information), W (warning) or E (error). Generally, an error message (X=E) means that processing has stopped.

Meaning of return codes

Return codes have different meanings according to the type of processing: either interactive or batch.

Interactive processing

In case of a failure during interactive processing (function return code=NOT NULL), the function displays error messages while Application Recovery Tool remains available for new commands.

System problems are intercepted by ISPF.

Batch processing

A failure during the batch processing (function return code=NOT NULL) generates an abend 4001, except in the case of a system problem as described below. However, a return code **n**=not null will be issued if you specify **RC=n** in the CUSTOM parmlib member. The default value of RC is set to 0, which means that any error will lead to an abend 4001 unless a different value is specified.

To obtain a dump in case an abend 4001 occurs, specify DEBUG=Y in the command.

A system problem during processing will lead to an abend 4002.

User abends

When running the DRMEXEC function in batch mode, the following abends can be issued:

- **Abend 4001** indicates that the DRMEXEC function did not run correctly.
- **Abend 4002** indicates that a non-ISPF system abend occurred.
- **Abend 4003** indicates that an ISPF error occurred.
- **Abend U4010** indicates that linklib has not been defined in the SYS1.PARMLIB link list.

User Response: Carefully examine the processing report to find the messages that explain the reason for the error.

When TSO authorizations are missing, **Abend U4010** is issued. The abend could be caused by either of the following conditions:

- DRMCMDO has been loaded from a non-APF library, possibly because of concatenation, or because DRMCMDO is not in either link list or in APF steplib/joblib. In this case, R15=FFFFFFFC.
- DRMAUTH is not correctly declared in the IKJTSONn of the SYS1.PARMLIB, or the TSO PARMLIB UPDATE (n) command has been issued to update the IKJTSONn used by the system. Or, the site is using ACF2. If so, RMAUTH should be declared as an authorized command processor in ACF2 (not in RACF or TSS). In this case, R15 contains an address.

Commands

Each Application Recovery Tool function uses a set of parameters that are composed of parmlib members and that specify the default values, as well as the command to be issued. This command is read in SYSIN for batch processing or in the command line for interactive processing. Thus, the term “command” refers either to the SYSIN in batch mode or to the command line in interactive mode when reading the message explanations.

Chapter 3. Error messages

Messages DRMAMS-nnnX

DRMAMS-097E INTERRUPT BY
NON-RECOVERABLE ERROR

Explanation: This message is issued prior to other messages that describe the errors (in this case, a problem during IDCAMS processing).

Severity: Abend 4001

User response: Examine the messages issued by IDCAMS and make the necessary corrections.

Messages DRMDCHEK-nnnX

DRMDCHEK-001E FATHER jobname NOT RUNNING, CHECK FAILED.

Explanation: The CHECK operation of type 'START' did not find the generating job named *jobname*.

Severity: Abend 4001

User response: Restart the process; otherwise contact your IBM representative.

DRMDCHEK-001I DRMDCHEK STARTED AT TIME hh:mm:ss.d

Explanation: This message informs the user of the time when the DRMDCHEK function started.

Severity: Abend 4001

User response: None, informational message.

DRMDCHEK-002E FATHER jobname IS RUNNING BUT HAS REQUIRED A PURGE FOR THIS JOB.

Explanation: The CHECK operation 'START' has found the generating job *jobname*, but it has requested the PURGE of the generated job because of a coordination problem.

Severity: Abend 4001

User response: Restart the process; otherwise contact your IBM representative.

DRMDCHEK-002I DRMDCHEK ENDED AT TIME hh:mm:ss.d

Explanation: This message informs the user of the time when the DRMDCHEK function ended.

Severity: Abend 4001

User response: None, informational message.

DRMDCHEK-003E START INTERNAL ERROR

Explanation: The CHECK operation 'START' has failed.

Severity: Abend 4001

User response: Restart the process; otherwise contact your IBM representative.

DRMDCHEK-003I FATHER jobname RUN CHECK ISSUED AT TIME hh:mm:ss.d

Explanation: This message indicates the time when DRMDCHEK has checked the activity of the generating job *jobname*

Severity: Abend 4001

User response: None, informational message.

DRMDCHEK-004E HANDSHAKING TIMEOUT REACHED

Explanation: The CHECK operation 'START' has failed. The maximum wait time for the reply from the generating job has been exceeded.

Severity: Abend 4001

User response: Restart the process; otherwise contact your IBM representative.

DRMDCHEK-004I FATHER jobname HANDSHAKING COMPLETED AT TIME hh:mm:ss.d

Explanation: This message indicates that DRMDCHEK successfully has informed the generating job *jobname* that the generated job had been processed.

Severity: Abend 4001

User response: None, informational message.

DRMDCHEK-005E INVALID TYPE type PARAMETER. CORRECT VALUES ARE "START" OR "END".

Explanation: The value *type* of the parameter TYPE is invalid. Only the values "START" and "END" are accepted.

Severity: Abend 4001

User response: Check the value of the TYPE parameter specified in the member DRMKJCHS ("START" necessary) or in the member DRMKJCHE ("END" necessary) of the parmlib.

DRMDCHEK-005I AN ABEND HAS BEEN ISSUED BECAUSE JOBCHECK=, PARM VALUE IS "Y"

Explanation: When DRMDCHEK detects a synchronization error between the generating job and the generated job, an abend is forced if the parameter JOBCHECK is set to Y.

Severity: Abend 4001

User response: None, informational message.

DRMDCHEK-006I AWAITING NOW ON THE CONDITION condname...

Explanation: This message indicates when DRMDCHEK started waiting on *condname* of the generating job *jobname*.

Severity: Abend 4001

User response: None, informational message.

DRMDCHEK-006W FATHER *jobname* IS RUNNING BUT NO LONGER CONTROLS THIS JOB.

Explanation: The CHECK operation 'END' has detected a coordination problem with the generating job *jobname*.

Severity: None

User response: None, warning message.

DRMDCHEK-007I READY SIGNAL RECEIVED AT TIME hh:mm:ss.d...

Explanation: This message indicates when the ready signal was received.

Severity: Abend 4001

User response: None, informational message.

DRMDCHEK-007W END INTERNAL ERROR

Explanation: The CHECK operation 'END' has detected a coordination problem with the generating job.

Severity: None

User response: None, warning message.

DRMDCHEK-008W HANDSHAKING TIMEOUT REACHED

Explanation: The CHECK operation 'END' has failed. The maximum wait time to reply to the generating job has been exceeded.

Severity: None

User response: None, warning message.

DRMDCHEK-009W FATHER *jobname* NOT RUNNING, CHECK FAILED AND BYPASSED.

Explanation: The CHECK operation 'END' has failed. The generating job with the name *jobname* is no longer active.

Severity: None

User response: None, warning message.

DRMDCHEK-010E START INTERNAL ERROR

Explanation: The CHECK operation 'START' has failed.

Severity: Abend 4001

User response: Restart the process; otherwise contact your IBM representative.

DRMDCHEK-011E CONDITION *jobcond* TIMEOUT REACHED

Explanation: The WAIT operation on the condition *jobcond* has failed. The maximum wait time of the condition has been exceeded.

Severity: Abend 4001

User response: Restart the process; otherwise contact your IBM representative.

DRMDCHEK-012E FATHER *jobname* HAS REQUIRED A CANCEL FOR THIS JOB

Explanation: The generating job *jobname* has requested a cancel of the current job.

Severity: Abend 4001

User response: Restart the process; otherwise contact your IBM representative.

DRMDCHEK-019I NOTHING TO DO FOR DB2 PARM SET.

Explanation: None of the objects of the selected objects was relevant for the requested process (CHECK DATA). No daughter job/JCL is created.

Severity: None.

User response: Check preceding messages for detailed explanations.

DRMDCHEK-020I CHECK DATA UTILITY MAY NOT BE RUN ON XML TABLESPACE *dbname.tsname*

Explanation: The mentioned table space since is an XML table space, and the DB2 release of the subsystem does not allow running CHECK DATA against such table spaces. The XML table space is excluded from processing.

Severity: None.

User response: No action is required.

DRMDCHEK-033E YOU ARE NOT AUTHORIZED TO RUN THIS FUNCTION

Explanation: Either the &apptool2; license used on your site prohibits access to the required function or the CPU is not authorized to use &apptool2;.

Severity: Abend 4001

User response: Contact your IBM representative.

| **DRMDCHEK-088E NOTHING TO DO WITH THIS**
| **SELECTION OF DATABASE/**
| **TABLESPACES. FUNCTION ENDED**

| **Explanation:** No object (data bases, table spaces)
| corresponding to the selection criteria could be found
| in the DB2 catalog. The function cannot be run.

| **Severity:** Abend 4001

| **User response:** No action is required.

DRMDCHEK-097E INTERRUPT BY
NON-RECOVERABLE ERROR

Explanation: Messages that are issued prior to the
above messages describe the errors.

Severity: Abend 4001

User response: Examine the previous messages and
make the necessary corrections.

Messages DRMDBASE-nnnX

DRMDBASE-096E INVALID REQUEST *request*

Explanation: The SQL statement to process is not recognized by module DRMDBASE.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMDBASE-097E INTERRUPT BY
NON-RECOVERABLE ERROR

Explanation: Messages that are issued prior to the above message describe the errors.

Severity: Abend 4001

User response: Examine the previous messages and make the necessary corrections. Otherwise, contact your IBM representative.

Messages DRMEEXEC-nnnX

DRMEEXEC-001E ddname ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of the data set whose ddname is *ddname* has failed. *rc* is the Return code and *rs* the reason code.

Severity: Abend 4001

User response: Check the existence and the features of the data set whose ddname is *ddname*. Also, examine the return code and the reason code in the message to find the cause of the error and correct it.

DRMEEXEC-001I CURRENT PARMLIB IS dsname

Explanation: This message indicates the dsname of the parmlib used.

Severity: Abend 4001

User response: None, informational message.

DRMEEXEC-002I ALREADY ACTIVE ON THE OTHER SCREEN; EXIT DONE.

| **Explanation:** This message is issued when an ISPF
| screen is on split screen mode and indicates that
| Application Recovery Tool is already performing
| interactive processing on one of the screens. The
| initiated process is cancelled. You must access
| Application Recovery Tool on the initial screen.

Severity: Abend 4001

User response: None, informational message.

DRMEEXEC-006E ddname dsname NOT ALLOCATED

Explanation: The dynamic allocation of the data set with the ddname *ddname* and the dsname *dsname* has failed. This message is followed by the message DRMEEXEC-001E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Check the existence and the features of the data set having the ddname *ddname* and the dsname is *dsname*.

DRMEEXEC-008E PARM SYNTAX ERROR

Explanation: The PARM parameter of the EXEC card of the JCL starting the processing of DRMEEXEC contains a syntax error.

Severity: Abend 4001

User response: Correct the syntax of the PARM parameter of the EXEC card of the JCL starting the processing of DRMEEXEC.

DRMEEXEC-011E ddname OBTAIN BEST BLKSIZE FAILED

Explanation: The read of the BLKSIZE by an OBTAIN DSCB for one of the data sets having the ddnames CSXPLIB, ISPMLIB, ISRMLIB, ISPTLIB, ISRTLIB, and PROCLIB has failed.

Severity: Abend 4001

User response: Check the existence and the features of the data sets specified above. The dsnames of these data sets are specified in the DRMXSYS member of the parmlib (ISPMLIB, ISRMLIB, ISPTLIB, ISRTLIB, and the optional library PROCLIB), or in the JCL (CSXPLIB, that has a default value copied during the installation in the module DRMEEXEC by the job contained in the member DRM#XINS of the parmlib).

DRMEEXEC-012E LOADLIB dsname NOT ALLOCATED

Explanation: The dynamic allocation of the data set LOADLIB having the dsname *dsname* has failed. This message is followed by the message 001E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Check the existence and the features of the data set having the dsname *dsname*.

DRMEEXEC-013E LIBDEF ERROR ON: libname LIBRARY (ddname)

Explanation: The requested LIBDEF with the parameters *libname*, LIBRARY, and (*ddname*) has failed.

Severity: Abend 4001

User response: Check the existence and the features of the data sets having the ddnames *ddname* and *libname*.

DRMEEXEC-014E ISPLLIB dsname NOT ALLOCATED

Explanation: The dynamic allocation of the data set ISPLLIB having the dsname *dsname* has failed. This message is followed by the message DRMEEXEC-001E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Check the existence and the features of the data set having the dsname *dsname*.

DRMEEXEC-015E EXEC PARM MISSING

Explanation: The PARM parameter of the EXEC card of the JCL starting the processing of DRMEEXEC is not formatted correctly. This parameter must start with the name of the function to be processed, using the format PARM= (FUNCTION).

Severity: Abend 4001

User response: Add the PARM parameter to the EXEC card of the JCL starting the processing of DRMEEXEC, mentioning at least the name of the function to be processed.

DRMEEXEC-016I NULL FLAG IS SET IN DRMXRUN MEMBER. DUMMY EXECUTION DONE

Explanation: The NULL parameter of the DRMXRUN member of the parmlib is 'Y', and no batch processing occurs. See the **Customization** chapter in *Application Recovery Tool for IMS and DB2 Databases User's Guide*, SC27-0980 for information on DRMXRUN.

Severity: Abend 4001

User response: None, informational message.

DRMEEXEC-017I PARMLIB DSN IS *dsname*

Explanation: This message follows the DRMEEXEC-016I and specifies the dsname *dsname* of the parmlib used.

Severity: Abend 4001

User response: None, informational message.

DRMEEXEC-018E INVALID ISPMLIB

Explanation: The ISPV01 member does not exist in the ISPMLIB library whose dsname is mentioned in the DRMXSYSS member of the parmlib.

Severity: Abend 4001

User response: Correct accordingly.

DRMEEXEC-019E INVALID ISPTLIB

Explanation: The ISPSPROF member does not exist in the ISPTLIB library whose dsname is mentioned in the SYSIDS member of the parmlib.

Severity: Abend 4001

User response: Correct accordingly.

DRMEEXEC-020E INVALID ISRMLIB

Explanation: The ISREI00 member does not exist in the ISRMLIB library whose dsname is mentioned in the DRMXSYSS member of the parmlib.

Severity: Abend 4001

User response: Correct accordingly.

DRMEEXEC-021E INVALID ISRTLIB

Explanation: The ISRPROF member does not exist in the ISRTLIB library whose dsname is mentioned in the DRMXSYSS member of the parmlib.

Severity: Abend 4001

User response: Correct accordingly.

DRMEEXEC-022E CORRECT THE DRMXSYSS MEMBER OF CURRENT PARMLIB

Explanation: This message follows one of the messages DRMEEXEC-018E, 019E, 020E and 021E, indicating the action to undertake.

Severity: Abend 4001

User response: Perform the necessary corrections.

DRMEEXEC-023E YOU ARE NOT AUTHORIZED TO RUN APPLICATION RECOVERY TOOL

Explanation: The validity date of Application Recovery Tool is exceeded, or the current CPU is not authorized to use Application Recovery Tool.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMEEXEC-024E MODULE DRMISTIM NOT FOUND IN SDRMLOAD LIBRARY

Explanation: The DRMISTIM module was not found in the library that was specified by the CLOAD parameter in the DRMXPROD member of the current PARMLIB.

Severity: Abend 4001

User response: Ensure that the library that is specified in the CLOAD parameter points to the SDRMLOAD installation library.

DRMEEXEC-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: Messages that are issued prior to the above message describe the errors.

Severity: Abend 4001

User response: Examine the preceding messages and correct accordingly.

Messages DRMEXEP-nnnX

DRMEXEP-002E PARMLIB LINK MAX LEVEL REACHED OR LOOK DETECTED; (MAX LEVEL IS 20).

Explanation: The maximum number of test parmlibs and user parmlibs has been exceeded (this number is set to 20), perhaps because of a loop in the feedback from one to the other.

Severity: Abend 4001

User response: Edit the current parmlib products member and reset the TEST=Y parameter to TEST=N. Then, check the parmlib test/production links to verify the feedback from the test parmlib to the production one, and vice-versa, to avoid any loop. Correct any loop that is found.

messages describing the errors (there is a problem when reading the DRMXPROD member or the DRMXSYSS member of the parmlib).

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

DRMEXEP-003E USER PROdataset PARMLIB RESET TO DEFAULT

Explanation: Following a reading error of the DRMXSYSS member in the user parmlib, Application Recovery Tool has restored the default parmlib in the user prodataset (TP only).

Severity: Abend 4001

User response: Verify the DRMXSYSS member of the user parmlib.

DRMEXEP-095E PARMLIB dsname NOT ALLOCATED

Explanation: The dynamic allocation of the parmlib whose dsname is *dsname* has failed. This message is followed by the message DRMEXEP-096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Verify the existence and the features of the data set whose dsname is *dsname*.

DRMEXEP-096E CSXPLIB ALLOCATION ERROR *rc/rs*

Explanation: The dynamic allocation of the CSXPLIB data set has failed. *rc* is the return code and *rs* the reason code.

Severity: Abend 4001

User response: Examine the existence and the features of the CSXPLIB data set. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and correct it.

DRMEXEP-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other

Messages DRMINSTL-*nnnX*

DRMINSTL-001E DATASET *dsname* NOT ALLOCATED (PRODUCTION PARMLIB)

Explanation: The dynamic allocation of the production parmlib whose *dsname* is *dsname* has failed. This message is followed by the message DRMINSTL-096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Verify the existence and the features of the data set of *dsname dsname*.

DRMINSTL-001I REQUEST COMPLETED

Explanation: The requested installation function has been processed.

Severity: Abend 4001

User response: None, informational message.

DRMINSTL-002E DATASET *dsname* NOT ALLOCATED (TEST PARMLIB)

Explanation: The dynamic allocation of the test parmlib whose *dsname* is *dsname* has failed. This message is followed by the message DRMINSTL-096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Verify the existence and the features of the data set of *dsname dsname*.

DRMINSTL-004E TEST PARMLIB DOESN'T EXIST, REQUEST REJECTED.

Explanation: The specified test parmlib is not cataloged, and the requested action cannot be performed.

Severity: Abend 4001

User response: Verify the specified *dsname* for the test parmlib.

DRMINSTL-005E PRODUCTION PARMLIB DOESN'T EXIST, REQUEST REJECTED.

Explanation: The specified production parmlib is not cataloged, and the requested action cannot be performed.

Severity: Abend 4001

User response: Verify the specified *dsname* for the production parmlib.

DRMINSTL-006E PARMLIB DOESN'T EXIST, REQUEST REJECTED.

Explanation: The specified parmlib is not cataloged, and the requested action cannot be performed.

Severity: Abend 4001

User response: Verify the specified *dsname* for the parmlib.

DRMINSTL-007E LOADLIB DOESN'T EXIST, REQUEST REJECTED.

Explanation: The specified LOADLIB is not cataloged, and the requested action cannot be performed.

Severity: Abend 4001

User response: Verify the specified *dsname* for the LOADLIB.

DRMINSTL-096E *ddname* ALLOCATION ERROR *rc/rs*

Explanation: The dynamic allocation of the data set whose *ddname* is *ddname* has failed. *rc* is the Return code and *rs* the reason code.

Severity: Abend 4001

User response: Examine the existence and the features of the data set whose *ddname* is *ddname*. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and to correct it.

DRMINSTL-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMISTIM-nnnX

DRMISTIM-001I CURRENT DB2 SYSTEM *system* HAS RELEASE LEVEL *level*

Explanation: This message indicates the DB2 level that will be used by Application Recovery Tool for the DB2 subsystem *system*. This information is read in member DSNHDECP of the load module library DB2EXIT, whose dsname is given by the DB2EXIT= parameter in parmlib member DRMXDB2S.

Severity: Abend 4001

User response: None, informational message.

DRMISTIM-002I DFSRRC00 ABEND *code* IGNORED FOR IMSID *imsid*

Explanation: The task DFSRRC00 for the IMS *imsid* ended with an abend code *code*.

Severity: Abend 4001

User response: None, informational message.

DRMISTIM-003W DEFAULT DB2 SUBSYSTEM READ IN DSNHDECP IS *system*

Explanation: This message comes with message DRMISTIM-001I whenever the name of the DB2 subsystem on which Application Recovery Tool is running differs from the name *system* of the default DB2 subsystem as read in DSNHDECP. This is not an abnormal situation.

Severity: None

User response: None, warning message.

DRMISTIM-004I CURRENT DB2 DATA SHARING IS GROUP IS *db2dsg*

Explanation: Indicates that the name of the dB2 data sharing group specified within the DB2ID parameter has been correctly validated.

Severity: None

User response: None, informational message.

DRMISTIM-005E CMD EXECUTIL FAILED

Explanation: The command EXECUTIL issued an abnormal return code.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMISTIM-005I CURRENT IMS DATA SHARING GROUP IS *imsdsg*

Explanation: Indicates that the name of the IMS data sharing group specified within the IMSID parameter

has been correctly validated.

Severity: Abend 4001

User response: None, informational message.

DRMISTIM-006E FUNCTION *function* ERROR RC *rc*

Explanation: Processing of the function *function* detected some errors; its Return code is *rc*.

Severity: Abend 4001

User response: Examine the previous messages.

DRMISTIM-006I CURRENT IMS SYSTEM *imsid* HAS RELEASE LEVEL *level*

Explanation: Indicates the IMS version that is taken into account by DRM. This information is read in member DRMXIMSS of the PARMLIB.

Severity: Abend 4001

User response: None, informational message.

DRMISTIM-012E DATASET *dsname* NOT ALLOCATED

Explanation: The dynamic allocation of the data set whose dsname is *dsname* has failed. This message is followed by the message DRMISTIM-096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Check the existence and the features of the data set whose dsname is *dsname*, or modify the value assigned to CLOAD in the DRMXPROD member of the parmlib.

DRMISTIM-013E DATASET *dsname* NOT ALLOCATED

Explanation: The dynamic allocation of the DB2 load module library, whose dsname is *dsname*, has failed. The name of this library is specified in DB2EXIT= parameter in parmlib member DRMXDB2S.

Severity: Abend 4001

User response: Check the existence and the features of the data set whose dsname is *dsname*, or correct the value of the DB2EXIT= parameter in parmlib member DRMXDB2S.

DRMISTIM-018E LIBDEF ERROR ON: *libname* LIBRARY (*ddname*)

Explanation: The requested LIBDEF with the parameters *libname*, LIBRARY and (*ddname*) has failed.

Severity: Abend 4001

User response: Check the existence and the features of the data sets whose ddnames are *ddname* and *libname*

DRMISTIM-019E USERLIB dsname NOT ALLOCATED

Explanation: The dynamic allocation of the user library whose dsname is *dsname* has failed. This message is followed by the message DRMISTIM-096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Check the existence and the features of the data set whose dsname is *dsname*.

DRMISTIM-020E LOADLIB dsname NOT ALLOCATED

Explanation: The dynamic allocation of the LOADLIB data set whose dsname is *dsname* has failed. This message is followed by the message DRMISTIM-096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Check the existence and the features of the data set whose dsname is *dsname*, or modify the value assigned to CLOAD in the DRMXPROD member of the parmlib.

DRMISTIM-021E THE ABEND 4001 STEP END HAS BEEN CHANGED TO AN RC *n* STEP END BY THE USER RC=, PARAMETER.

Explanation: This message follows the error messages of batch processing if the parameter RC= *n* is present in SYSIN or in the CUSTOM member of the parmlib to request the transformation of the abend 4001 of Application Recovery Tool in Return code *n*.

Severity: *n*

User response: None, or modify the RC= parameter of the SYSIN or the CUSTOM member of the parmlib if another Return code should be issued in case of error (the default value RC=0 keeps the abend 4001 in case of error).

DRMISTIM-022E YOU ARE NOT AUTHORIZED TO RUN THIS FUNCTION

Explanation: The Application Recovery Tool license issued does not allow access to the requested function.

Severity: Abend 4001

User response: Correct the name of the requested function, or contact your IBM representative.

DRMISTIM-023E INCONSISTENT VALUE IMSID = NONE WHEN RUNNING THIS FUNCTION

Explanation: The requested function requires the IMS environment, so setting it to 'NONE' forbids any processing.

Severity: Abend 4001

User response: Specify a known IMS subsystem name as an IMSID parameter value in the PARM field of the EXEC statement or in option "Config" of the Application Recovery Tool menu.

DRMISTIM-024E INCONSISTENT VALUE DB2ID = NONE WHEN RUNNING THIS FUNCTION

Explanation: The requested function requires a DB2 environment, so setting it to 'NONE' forbids any processing.

Severity: Abend 4001

User response: Specify a known DB2 subsystem name as DB2ID parameter value in the PARM field of the EXEC statement or in option "Config" of the Application Recovery Tool menu.

DRMISTIM-025E INCONSISTENT VALUE DB2DSG, SYSID NOT FOUND IN SYSNAME LIST

Explanation: The value of the DB2ID parameter is found in the member that describes the DRMXDSGS data sharing groups. However, the system where the DRM job is executing cannot be found in the SYSNAME list of DRMXDSGS, and the corresponding DB2 subsystem cannot be determined.

Severity: Abend 4001

User response: Check the information of member DRMXDSGS, and correct accordingly.

DRMISTIM-096E ddname ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of the data set whose ddname is *ddname* has failed. *rc* is the Return code and *rs* is the reason code.

Severity: Abend 4001

User response: Examine the existence and the features of the data set whose ddname is *ddname*, and the authorizations of the user on this data set. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and correct it.

**DRMISTIM-097E INTERRUPT BY
NON-RECOVERABLE ERROR**

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMMPLIB-nnnX

DRMMPLIB-001E DATASET *dsname* NOT ALLOCATED

Explanation: The dynamic allocation of the data set whose *dsname* is *dsname* has failed. This message is followed by the message DRMMPLIB-096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Verify the existence and the features of the data set whose *dsname* is *dsname*, or modify the *dsname* of the user parmlib.

DRMMPLIB-002E Entry INFOREC not found in user parmlib *dsname*

Explanation: The syntax of the DRMXPROD member of the user parmlib whose *dsname* is *dsname* is incorrect. The Application Recovery Tool product is not correctly described.

Severity: Abend 4001

User response: Perform the necessary corrections. Verify the name of the used parmlib, or restore the DRMXPROD member of the parmlib from the member RMKKDEFF.

DRMMPLIB-003E TEMPORARY dataset NOT ALLOCATED

Explanation: The dynamic allocation of a work data set has failed. This message is followed by the message DRMMPLIB-096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Verify the availability of SYSALLDA units.

DRMMPLIB-004E INTERNAL IEBUPDTE ERROR

Explanation: The requested IEBUPDTE processing has failed.

Severity: Abend 4001

User response: Verify the availability of IEBUPDTE, or examine the IEBUPDTE messages. If these messages do not appear, restart the process by specifying the DEBUG=Y parameter, and then examine them. Otherwise, contact your IBM representative.

DRMMPLIB-096E *ddname* ALLOCATION ERROR *rc/rs*

Explanation: The dynamic allocation of the data set whose *ddname* is *ddname* has failed. *rc* is the return code and *rs* the reason code.

Severity: Abend 4001

User response: Examine the existence and the features of the data set whose *ddname* is *ddname*. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and correct it.

DRMMPLIB-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMPLIB-nnnX

DRMPLIB-001E ddname ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of the data set whose ddname is *ddname* has failed. *rc* is the return code, and *rs* the reason code.

Severity: Abend 4001

User response: If the ddname *ddname* is CSXPLIB, check the dsname of the parmlib specified in the DRM#XINS member of the parmlib. If the ddname *ddname* is SYSLIB, check the dsname of the load module library specified in the DRMXPROD member of the parmlib (CLOAD parameter). Also use the return code and the reason code in the message to find the cause of the error and correct it.

| DRMPLIB-002I CSXPLIB ENDED WITH CODE rc

| **Explanation:** This message displays the return code
| that was issued by the Application Recovery Tool. For
| return codes 1 - 7, messages that explain the reason for
| the error are issued in DDNAME SYSPRINT.

| **Severity:** None.

| **User response:** For return codes 8 and higher, ensure
| that the CLOAD parameter of the DRMXPROD
| member has the same value as the LOADLIB parameter
| in the JCL.

DRMPLIB-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMUPSYN-nnnX

DRMUPSYN-001E MEMBER *mbrname* NOT ALLOCATED

Explanation: The dynamic allocation of the member *mbrname* has failed. This message is followed by the message 096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Verify the error codes specified in the following message.

DRMUPSYN-096E *ddname* ALLOCATION ERROR *rc/rs*

Explanation: The dynamic allocation of the data set whose *ddname* is *ddname* has failed. *rc* is the return code and *rs*, the reason code.

Severity: Abend 4001

User response: Examine the existence and the features of the data set whose *ddname* is *ddname*. Also, use the return code and the reason code in the message to find the cause of the error and correct it.

DRMUPSYN-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMAOP-nnnX

DRMAOP-001E RECON OPEN ERROR

Explanation: Error when opening the RECON data set.

Severity: Abend 4001

User response: Check the status of RECON data sets and the user authorizations on these data sets and make the necessary corrections.

DRMAOP-001I DRMAOP STARTED AT TIME hh:mm:ss.d

Explanation: This message indicates when the DRMAOP function started.

Severity: Abend 4001

User response: None, informational message.

DRMAOP-002E INVALID ACTION action GIVEN

Explanation: The value of the ACTION parameter present in the command sent to DRMAOP is invalid.

Severity: Abend 4001

User response: Check the ACTION parameter of the command. See the *Application Recovery Tool for IMS and DB2 Databases User's Guide, SC27-0980* for the values accepted for this parameter.

DRMAOP-002I DRMAOP ENDED AT TIME hh:mm:ss.d

Explanation: This message indicates when the DRMAOP function ended.

Severity: Abend 4001

User response: None, informational message.

DRMAOP-003E DEALLOC NOT ACCEPTED WITH TS=CATALOG.

Explanation: The DEALLOC action is incompatible with the TS=CATALOG parameter.

Severity: Abend 4001

User response: Modify either the ACTION parameter or the TS parameter in the command sent to DRMAOP.

DRMAOP-004I AOP STARTING... THE dd/mm/yy AT hh:mm:ss.d

Explanation: This message indicates when the DRMAOP function started at the indicated date.

Severity: Abend 4001

User response: None, informational message.

DRMAOP-007I AOP FAILED RETRY IN PROGRESS AT TIME hh:mm:ss.d

Explanation: This message indicates that an attempt to run DRMAOP has failed. The number of attempts that are authorized was not reached (parameter FAILED), and a new attempt is going to be performed.

Severity: Abend 4001

User response: None, informational message.

DRMAOP-008I AOP LOOK STEP THE dd/mm/yy AT hh:mm:ss.d

Explanation: This message indicates that DRMAOP has performed the look step at the specified date and time.

DRMAOP-010I AOP SWITCH STEP THE dd/mm/yy AT hh:mm:ss.d

Explanation: This message indicates that DRMAOP has performed the switch step at the specified date and time.

Severity: Abend 4001

User response: None, informational message.

DRMAOP-011I AOP COMMIT STEP THE dd/mm/yy AT hh:mm:ss.d

Explanation: This message indicates that DRMAOP has performed the commit step at the specified date and time.

Severity: Abend 4001

User response: None, informational message.

DRMAOP-012I DBDSGRP PARAMETER OVERRIDES DB LIST, DB LIST WILL BE IGNORED

Explanation: DBDSGRP= parameter takes priority over DB= parameter. When DBDSGRP= parameter is entered, DB= parameter is unneeded and is not taken into account.

Severity: Abend 4001

User response: None, informational message.

DRMAOP-015I NONRECOVERABLE DB(S) NOT SUPPORTED BY IMS LEVEL LESS THAN 310

Explanation: Nonrecoverable DBs were not introduced into IMS before Version 3.1. Parameter NONRECOV= is ignored in that case.

Severity: Abend 4001

User response: None, informational message.

**DRMAOP-033E YOU ARE NOT AUTHORIZED TO
RUN THIS FUNCTION**

Explanation: The validity date of Application Recovery Tool is exceeded, or the current CPU is not authorized to use Application Recovery Tool.

Severity: Abend 4001

User response: Contact your IBM representative.

| **DRMAOP-088E NOTHING TO DO WITH THIS**
| **SELECTION OF DATABASE/**
| **TABLESPACES. FUNCTION ENDED**

| **Explanation:** No object (data bases, table spaces)
| corresponding to the selection criteria could be found
| in the DB2 catalog. The function cannot be run.

| **Severity:** Abend 4001

| **User response:** No action is required.

**DRMAOP-096E FAILED COUNT REACHED,
UTILITY ENDED**

Explanation: The maximum number of attempts to process the requested action has been reached. This number is set by the FAILED parameter present in the command or in the DRMAOP member of the parmlib.

Severity: Abend 4001

User response: Examine the preceding messages to find the reason for the successive failures. Otherwise, restart the process and, if necessary, modify the FAILED parameter.

**DRMAOP-097E INTERRUPT BY
NON-RECOVERABLE ERROR**

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages and perform the necessary corrections.

Messages DRMCA-nnnX

DRMCA-001E RECON OPEN ERROR

Explanation: Error when opening the RECON data set.

Severity: Abend 4001

User response: Check the status of the RECON data sets and the user authorizations on these data sets and perform the necessary corrections.

DRMCA-002E DRMPARM WORK dataset NOT ALLOCATED

Explanation: The dynamic allocation of a work data set has failed. This message is followed by the message DRMCA-096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Verify the availability of SYSALLDA units.

DRMCA-002I NOTHING TO DO FOR THIS REQUEST

Explanation: Either no CAGROUP has been retained for databases specified by the DB parameter, therefore the DRMCA function has nothing to do, or DBRC has not generated the JCL and found nothing to do.

Severity: Abend 4001

User response: None, informational message.

DRMCA-003E SYSIN WORK dataset NOT ALLOCATED

Explanation: The dynamic allocation of a work data set has failed. This message is followed by the message DRMCA-096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Verify the availability of SYSALLDA units.

DRMCA-003I DBDSGRP PARAMETER OVERRIDES DB LIST, DB LIST WILL BE IGNORED

Explanation: DBDSGRP= parameter takes priority over DB= parameter. When DBDSGRP= parameter is entered, DB= parameter is not needed and is not taken into account.

Severity: Abend 4001

User response: None, informational message.

DRMCA-005E CURRENT PARMLIB NOT ALLOCATED AS JCLPDS

Explanation: The dynamic allocation of the work PDS JCLPDS has failed. This message is followed by the message DRMCA-096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Check the availability of SYSALLDA units, and then verify the error codes specified in the following message.

DRMCA-006E CAJCL MEMBER OF JCLPDS NOT ALLOCATED

Explanation: The dynamic allocation of the CAJCL member of the work PDS JCLPDS has failed. This message is followed by the message DRMCA-096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Check the error codes specified in the following message.

DRMCA-008E JCLOUT WORK dataset NOT ALLOCATED

Explanation: The dynamic allocation of a work data set has failed. This message is followed by the message DRMCA-096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Check the availability of SYSALLDA units.

DRMCA-020I DBDSGRP PARAMETER NOT ACCEPTED FOR IMS LEVEL 130, DBDSGRP WILL BE IGNORED.

Explanation: DBDS groups were not yet introduced in IMS Version 1.3. Parameter DBDSGRP= is ignored in that case.

Severity: Abend 4001

User response: None, informational message.

DRMCA-033E YOU ARE NOT AUTHORIZED TO RUN THIS FUNCTION

Explanation: The validity date of Application Recovery Tool is exceeded, or the current CPU is not authorized to use Application Recovery Tool.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMCA-096E ddname ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of the data set whose ddname is *ddname* has failed. *rc* is the return code and *rs* the reason code.

Severity: Abend 4001

User response: Examine the existence and the features of the data set whose ddname is *ddname*. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and correct it.

DRMCA-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMCHEK-*nnnX*

DRMCHEK-003E CS2RECON OPEN ERROR

Explanation: An error occurred when opening the CS2RECON data set specified inside the DRMXDB2S member of the parmlib.

Severity: Abend 4001

User response: Check the data set's status and authorizations provided for the user and correct accordingly.

DRMCHECK-033E YOU ARE NOT AUTHORIZED TO RUN THIS FUNCTION

Explanation: Either the Application Recovery Tool license used on your site prohibits access to the required function or the CPU is not authorized to use Application Recovery Tool.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMCHECK-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message follows other messages that described the encountered errors.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.

Messages DRMDLET1-*nnnX*

DRMDLET1-001E RECON OPEN ERROR

Explanation: An error occurred when opening the RECON data set.

Severity: Abend 4001

User response: Check the status of RECON data sets and the user authorizations on these data sets. Then, perform the necessary corrections.

DRMDLET1-001I DB *dbdname* DD *ddname* UIC OF *dd/mm/yy hh:mm:ss.d* WILL BE REMOVED.UIC DATA *data*

Explanation: This message indicates the intention to delete the user image copy that was taken on the specified date and time for the specified database. This user image copy will be deleted if it was taken with FAVER. The above message also specifies the **data** field related to the RECON data set to provide the user with more detailed information about the image copy.

Severity: Abend 4001

User response: None, informational message.

DRMDLET1-002E ONE OF TWO PARAMETERS: DB LIST OR DBDSGRP, IS REQUIRED BUT NOT GIVEN

Explanation: One of the two parameters DB and DBDSGRP has to be entered in the command. If DBDSGRP is entered, it takes priority over DB which is then ignored. If DBDSGRP is not entered, the DB parameter must be entered.

Severity: Abend 4001

User response: Correct the command.

DRMDLET1-003I NOT VAVER UIC FOUND, THIS SET CANNOT BE PURGED

Explanation: This message indicates that the user image copy mentioned in the previous message is not a FAVER one, and that Application Recovery Tool cannot take the responsibility to delete it. Examining this message and the previous one, the user can decide whether to delete this image copy after checking.

Severity: Abend 4001

User response: None, informational message.

DRMDLET1-004I THE RECOVERY LOW DATE IS *dd/mm/yy AT hh:mm:ss.d* FOR THIS SET OF DB(S).(RDAY=*n*)

Explanation: This message indicates the minimal date and hour to where a recovery process will be able to return, calculated according to the objective of recovery

specified by the parameter RDAY.

Severity: Abend 4001

User response: None, informational message.

DRMDLET1-005I NOTHING TO DO FOR THIS PARAMETER SET

Explanation: DRMDLET1 did not find anything to purge matching the criteria in the command.

Severity: Abend 4001

User response: None, informational message.

DRMDLET1-006I LOG OLDER THAN *aaqq dd/mm/yy hh:mm:ss.d* CAN BE PURGED

Explanation: After examination, DRMDLET1 has determined that log data sets older than the mentioned date could be purged.

Severity: Abend 4001

User response: None, informational message.

DRMDLET1-007I NO LOG DATASET CAN BE PURGED

Explanation: After checking, DRMDLET1 has determined that no log data set could be purged.

Severity: Abend 4001

User response: None, informational message.

DRMDLET1-008I THE GLOBAL PURGE DATE IS *dd/mm/yy AT hh:mm:ss.d* FOR ALL NOT ENDED PRILOG FOUND (PURGE=*m*)

Explanation: This message indicates the date prior to which the log data sets can be purged, calculated according to the objective specified by the parameter PURGE.

Severity: Abend 4001

User response: None, informational message.

DRMDLET1-009I THE SSID *imsid* STARTED THE *dd/mm/yy AT hh:mm:ss.d* HAS BEEN SELECTED FOR PURGE. (NO END TIME DETECTION)

Explanation: The log data set of the IMS system *imsid*, starting at the indicated date, is going to be purged although the end date is not indicated.

Severity: Abend 4001

User response: None, informational message.

**DRMDLET1-010I THE SSID *imsid* ENDED THE
dd/mm/yy AT hh:mm:ss.d HAS BEEN
SELECTED FOR DELETE. (EXPIRED)**

Explanation: The log data set of the IMS system *imsid*, ending at the indicated date is going to be purged.

Severity: Abend 4001

User response: None, informational message.

**DRMDLET1-011I UIC *dsname* IS NOT DELETED
AND WILL BE KEPT: THE DBD
dbdname DDN *dname*, WHICH HAS
NOT BEEN SELECTED, STILL USES
THIS UIC.**

Explanation: The user image copy which *dsname* is going to be retained in spite of its creation date which declared it as a candidate for suppression. The mentioned database, that has not been selected by the command, can still require the image copy for recovery processing.

Severity: Abend 4001

User response: None, informational message.

DRMDLET1-013I NO CA GROUP CAN BE FOUND

Explanation: The selected databases do not belong to any CAGROUP.

Severity: Abend 4001

User response: None, informational message.

**DRMDLET1-014I DBDSGRP PARAMETER
OVERRIDES DB LIST, DB LIST WILL
BE IGNORED**

Explanation: DBDSGRP= parameter takes priority over DB= parameter. When DBDSGRP= parameter is entered, DB= parameter is not needed and is not taken into account.

Severity: Abend 4001

User response: None, informational message.

**DRMDLET1-015I THE DATE OF THE OLDEST IC
IN IMS IS *aaqqq dd/mm/yy* AT
*hh:mm:ss***

Explanation: This message specifies the date and the hour of the oldest IC to be kept. This IC is older than the ICs that are selected for deletion. This IC avoids deleting the logs.

Severity: Abend 4001

User response: None, informational message.

**DRMDLET1-020I DBDSGRP PARAMETER NOT
ACCEPTED FOR IMS LEVEL 130,
DBDSGRP WILL BE IGNORED.**

Explanation: DBDS groups were not yet introduced in IMS Version 1.3. Parameter DBDSGRP= is ignored in that case.

Severity: Abend 4001

User response: None, informational message.

**DRMDLET1-033E YOU ARE NOT AUTHORIZED
TO RUN THIS FUNCTION**

Explanation: The validity date of Application Recovery Tool is exceeded, or the current CPU is not authorized to use Application Recovery Tool.

Severity: Abend 4001

User response: Contact your IBM representative.

**DRMDLET1-097E INTERRUPT BY
NON-RECOVERABLE ERROR**

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMDLET2-*nnnX*

**DRMDLET2-033E YOU ARE NOT AUTHORIZED
TO RUN THIS FUNCTION**

Explanation: The validity date of Application Recovery Tool is exceeded, or the current CPU is not authorized to use Application Recovery Tool.

Severity: Abend 4001

User response: Contact your IBM representative.

**DRMDLET2-033E YOU ARE NOT AUTHORIZED
TO RUN THIS FUNCTION**

Explanation: The validity date of Application Recovery Tool is exceeded, or the current CPU is not authorized to use Application Recovery Tool.

Severity: Abend 4001

User response: Contact your IBM representative.

| **DRMDLET2-088E NOTHING TO DO WITH THIS**
| **SELECTION OF DATABASE/**
| **TABLESPACES. FUNCTION ENDED**

| **Explanation:** No object (data bases, table spaces)
| corresponding to the selection criteria could be found
| in the DB2 catalog. The function cannot be run.

| **Severity:** Abend 4001

| **User response:** No action is required.

Messages DRMDSUBS-nnnX

DRMDSUBS-001E WORK data set SYSIN ALLOCATION ERROR

Explanation: The dynamic allocation of work data set SYSIN has failed.

Severity: Abend 4001

User response: Check the availability of SYSALLDA units.

DRMDSUBS-002I DBD *dbdname* DDN *ddname* UPDATED BY ABENDED *ssidname* IS RECOVERED TO *timestamp*

Explanation: The SSID record *ssidname* corresponds to an abended batch job for which the authorized database mentioned in the message has been restored to timestamp *timestamp* prior to batch processing.

Severity: Abend 4001

User response: None, informational message.

DRMDSUBS-002W DBD *dbdname* DDN *ddname* UPDATED BY ABENDED *ssidname* IS NOT RECOVERED

Explanation: The SSID record *ssidname* corresponds to an abended batch job for which the authorized database mentioned in the message has not been restored to a point prior to batch processing; this SSID record will not be deleted from the RECON data set.

Severity: None

User response: None, warning message.

DRMDSUBS-003E DBRC ERROR DETECTED

Explanation: Commands have been submitted to DBRC in order to delete from the RECON data set the SSID records matching the conditions mentioned in message DRMDSUBS-004I, but the call to DBRC has failed.

Severity: Abend 4001

User response: Examine the messages issued by DBRC, and perform the necessary corrections.

DRMDSUBS-003I NO ABENDED BATCH REFERENCED IN RECON

Explanation: No SSID record corresponding to an abended batch job has been found in the RECON data set.

Severity: Abend 4001

User response: None, informational message.

DRMDSUBS-004I BATCH SSID *ssidname* WILL BE DELETED IN RECON

Explanation: The SSID record *ssidname* corresponds to an abended batch job for which all authorized databases have been restored to a point prior to its processing; it will be deleted from the RECON data set.

Severity: Abend 4001

User response: None, informational message.

DRMDSUBS-005I NOTHING TO DO FOR THIS REQUEST

Explanation: No SSID record corresponding to an abended batch job for which all authorized databases have been restored to a point prior to batch processing, has been found in the RECON data set.

Severity: Abend 4001

User response: None, informational message.

DRMDSUBS-006I DELETE COMPLETE

Explanation: All SSID records corresponding to abended batch jobs for which all authorized databases have been restored to a point prior to batch processing have been deleted from the RECON data set.

Severity: Abend 4001

User response: None, informational message.

DRMDSUBS-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMFIC-*nnnX*

DRMFIC-001I NOTHING TO DO FOR THIS PARAMETER SET

Explanation: No table space was matching the conditions for FICs to be processed; the table spaces must be in a non-copiable status (examine the previous messages). No JCL is generated.

Severity: Abend 4001

User response: None, informational message.

DRMFIC-001I NOTHING TO DO FOR THIS PARAMETER SET

Explanation: No table space was matching the conditions for FICs to be processed; the table spaces must be in a non-copiable status (examine the previous messages). No JCL is generated.

Severity: Abend 4001

User response: None, informational message.

| DRMFIC-002I AUTO PARAMETER WAS FORCED | TO "N" BECAUSE TS=CATALOG

| **Explanation:** The AUTO=Y option was requested
| along with TS=CATALOG. This is not supported. The
| processing is done as if AUTO=N had been requested.

| **Severity:** Abend 4001

| **User response:** Consider removing the AUTO=Y
| option, or specify AUTO=N to get a request that is not
| ambiguous.

| DRMFIC-088I NOTHING TO DO WITH THIS | SELECTION OF DATABASE/ | TABLESPACES. FUNCTION ENDED

| **Explanation:** All the selected objects were created with
| the DEFINE NO option and have never received any
| data. No Image Copy is necessary for these objects. The
| function stops without launching any COPY utility.

| **Severity:** None.

| **User response:** No action is required.

| DRMFIC-088E NOTHING TO DO WITH THIS | SELECTION OF DATABASE/ | TABLESPACES. FUNCTION ENDED

| **Explanation:** No object (data bases, table spaces)
| corresponding to the selection criteria could be found
| in the DB2 catalog. The function cannot be run.

| **Severity:** Abend 4001

| **User response:** No action is required.

DRMFIC-096E DRMPARM ALLOCATION ERROR *rc/rs*

Explanation: An error was encountered during the dynamic allocation of the DRMPARM data set; *rc* is the return code and *rs* the reason code.

Severity: Abend 4001

User response: Check the availability of the SYSALLDA units.

DRMFIC-097E INTERRUPT BY NON- RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMIC-nnnX

DRMIC-001E RECON OPEN ERROR

Explanation: An error occurred when opening the RECON data set.

Severity: Abend 4001

User response: Check the status of RECON data sets and the user authorizations on these data sets, and perform the necessary corrections.

DRMIC-001I DBDSGRP PARAMETER OVERRIDES DB LIST, DB LIST WILL BE IGNORED

Explanation: DBDSGRP= parameter takes priority over DB= parameter. When DBDSGRP= parameter is entered, DB= parameter is unneeded and is not taken into account.

Severity: Abend 4001

User response: None, informational message.

DRMIC-002E ONE OF TWO PARAMETERS: DB LIST OR DBDSGRP, IS REQUIRED BUT NOT GIVEN

Explanation: One of the two parameters DB and DBDSGRP has to be entered in the command. If DBDSGRP is entered, it takes priority over DB which is then ignored. If DBDSGRP is not entered, the DB parameter must be entered.

Severity: Abend 4001

User response: Correct the command.

DRMIC-020I DBDSGRP PARAMETER NOT ACCEPTED FOR IMS LEVEL 130, DBDSGRP WILL BE IGNORED.

Explanation: DBDS groups were not yet introduced in IMS version 1.3. Parameter DBDSGRP= is ignored in that case.

Severity: Abend 4001

User response: None, informational message.

| DRMIC-030I NOTHING TO DO FOR THIS | PARAMETER SET

| **Explanation:** No database matches the conditions for
| ICs to be processed. The database must be in a state in
| which it cannot be copied. JCL is not generated. See
| previous messages for more information.

| **Severity:** Abend 4001.

| **User response:** None.

DRMIC-033E YOU ARE NOT AUTHORIZED TO RUN THIS FUNCTION

Explanation: The validity date of Application Recovery Tool is exceeded, or the current CPU is not authorized to use Application Recovery Tool.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMIC-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMIIC-nnnX

DRMIIC-001I NOTHING TO DO FOR THIS PARAMETER SET

Explanation: No table space matches the conditions for IICs to be processed; the table spaces must be in a non-copiable status (examine the previous messages). No JCL is generated.

Severity: Abend 4001

User response: None, informational message.

DRMIIC-097E INTERRUPT BY NON- RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

| DRMIIC-002I AUTO PARAMETER WAS FORCED | TO "N" BECAUSE TS=CATALOG

| **Explanation:** The AUTO=Y option was requested
| along with TS=CATALOG, but this combination of
| options is not supported. The processing is done as if
| AUTO=N had been requested.

| **Severity:** None.

| **User response:** Consider removing the AUTO=Y
| option, or specify AUTO=N to get a request that is not
| ambiguous.

DRMIIC-033E YOU ARE NOT AUTHORIZED TO RUN THIS FUNCTION

Explanation: The validity date of Application Recovery Tool is exceeded, or the current CPU is not authorized to use Application Recovery Tool.

Severity: Abend 4001

User response: Contact your IBM representative.

| DRMIIC-088E NOTHING TO DO WITH THIS | SELECTION OF DATABASE/ | TABLESPACES. FUNCTION ENDED

| **Explanation:** No object (data bases, table spaces)
| corresponding to the selection criteria could be found
| in the DB2 catalog. The function cannot be run.

| **Severity:** Abend 4001

| **User response:** No action is required.

DRMIIC-096E DRMPARM ALLOCATION ERROR rc/rs

Explanation: An error was encountered during the dynamic allocation of the DRMPARM data set; *rc* is the return code and *rs* the reason code.

Severity: Abend 4001

User response: Check the availability of the SYSALLDA units.

Messages DRMINIT-*nnnX*

DRMINIT-001E RECON OPEN ERROR

Explanation: An error occurred when opening the RECON data set

Severity: Abend 4001

User response: Check the status of RECON data sets and the user authorizations on these data sets. Then, perform the necessary corrections.

DRMINIT-001I DB *dbname* TYPE *dbtype* SHR *shr*, OK

Explanation: This message indicates that the mentioned database corresponds to the request.

Severity: Abend 4001

User response: None, informational message.

DRMINIT-001I DB *dbname* TYPE *dbtype* SHR *shr*, NOT IN RECON

Explanation: This message indicates that the mentioned database was not found in the RECON data set.

Severity: Abend 4001

User response: None, informational message.

DRMINIT-001I DB *dbname* TYPE *dbtype* SHR *shr*, NOT IN DBDLIB

Explanation: This message indicates that the mentioned database was not found in the DBDLIB.

Severity: Abend 4001

User response: None, informational message.

DRMINIT-001I DB *dbname* TYPE *dbtype* SHR *shr*, NOT IN DYNLIB

Explanation: This message indicates that the mentioned database was not found in the DYNLIB.

Severity: Abend 4001

User response: None, informational message.

DRMINIT-001I DB *dbname* TYPE *dbtype* SHR *shr*, ORGANIZATION CHANGED

Explanation: This message indicates that the type of organization was changed for the specified database.

Severity: Abend 4001

User response: None, informational message.

DRMINIT-001I DB *dbname* TYPE *dbtype* SHR *shr*, SHARE LEVEL CHANGED

Explanation: This message indicates that the SHARE LEVEL was changed for the mentioned database.

Severity: Abend 4001

User response: None, informational message.

DRMINIT-002E ERROR REACHED ON THIS DB. NO RUN WILL BE ISSUED

Explanation: Application Recovery Tool has detected inconsistencies between the DBDLIB, the DYNLIB, and the RECON data set of DBRC for one of the databases specified by the DB parameter. No JCL will be generated. This message is preceded by dedicated messages indicating the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

DRMINIT-002I DDN *ddname* CAGRP *cagroup*, OK

Explanation: This message indicates that the mentioned database corresponds to the request.

Severity: Abend 4001

User response: None, informational message.

DRMINIT-002I DDN *ddname* CAGRP *cagroup*, NOT IN RECON

Explanation: This message indicates that the mentioned database is currently not found in the RECON data set.

Severity: Abend 4001

User response: None, informational message.

DRMINIT-002I DDN *ddname* CAGRP *cagroup*, NOT IN DBDLIB

Explanation: This message indicates that the mentioned database is not found in the DBDLIB.

Severity: Abend 4001

User response: None, informational message.

DRMINIT-002I DDN *ddname* CAGRP *cagroup*, NOT IN DYNLIB

Explanation: This message indicates that the mentioned database is not found in the DYNLIB.

Severity: Abend 4001

User response: None, informational message.

**DRMINIT-002I DDN ddname CAGRP cagroup,
CAGROUP CHANGED**

Explanation: This message indicates that the CAgrouP was modified for the mentioned database.

Severity: Abend 4001

User response: None, informational message.

DRMINIT-002I DDN ddname, OK

Explanation: This message indicates that the mentioned database matches the request.

Severity: Abend 4001

User response: None, informational message.

DRMINIT-002I DDN ddname, NOT IN RECON

Explanation: This message indicates that the mentioned database is not found in the RECON data set.

Severity: Abend 4001

User response: None, informational message.

DRMINIT-002I DDN ddname, NOT IN DYNLIB

Explanation: This message indicates that the mentioned database is not found in the DYNLIB.

Severity: Abend 4001

User response: None, informational message.

**DRMINIT-003E ERROR REACHED ON THIS DS.
NO RUN WILL BE ISSUED**

Explanation: Application Recovery Tool has detected inconsistencies between the DBDLIB, the DYNLIB and the RECON data set of DBRC for one of the data sets attached to databases specified by the DB parameter. No JCL will be generated. This message is preceded by dedicated messages indicating the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

DRMINIT-003I DSN dsname

Explanation: This message specifies the dsname of the database.

Severity: Abend 4001

User response: None, informational message.

DRMINIT-003I DSN dsname, DSN CHANGED

Explanation: This message indicates that the dsname was modified for the mentioned database.

Severity: Abend 4001

User response: None, informational message.

**DRMINIT-004E NO RUN ISSUED. ONE OR MORE
DB (S) IS IN ERROR**

Explanation: Application Recovery Tool has detected inconsistencies between the DBDLIB, the DYNLIB, and the RECON data set of DBRC for at least one of the databases specified by the DB parameter. No JCL will be generated. This message is preceded by dedicated messages indicating the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

**DRMINIT-004I NOTHING TO DO FOR THIS
PARAMETER SET**

Explanation: No action is necessary to implement the command. The descriptions of retained databases in the RECON data set, in the DBDLIB and in the DYNLIB are coherent.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

**DRMINIT-005E SHRLEVEL PARAMETER VALUE
REQUIRED BUT NOT GIVEN**

Explanation: The SHRLEVEL parameter has to be specified during the declaration of a new CAGROUP. Otherwise, no JCL is generated.

Severity: Abend 4001

User response: Add the SHRLEVEL parameter to the command (the value SHRLEVEL=1 is recommended).

**DRMINIT-005I AREA areaname CAGRP cagroup,
OK**

Explanation: This message indicates that the mentioned database matches the request.

Severity: Abend 4001

User response: None, informational message.

**DRMINIT-005I AREA area areaname CAGRP
cagroup, NOT IN RECON**

Explanation: This message indicates that the mentioned database is currently not found in the RECON data set.

Severity: Abend 4001

User response: None, informational message.

**DRMINIT-005I AREA areaname CAGRP cagroup,
NOT IN DBDLIB**

Explanation: This message indicates that the mentioned database is not found in the DBDLIB.

Severity: Abend 4001

User response: None, informational message.

**DRMINIT-005I AREA areaname CAGRP cagroup,
NOT IN DYNLIB**

Explanation: This message indicates that the mentioned database is not found in the DYNLIB.

Severity: Abend 4001

User response: None, informational message.

**DRMINIT-005I AREA areaname CAGRP cagroup,
CAGRP CHANGED**

Explanation: This message indicates that the CAGroup was modified for the specified database.

Severity: Abend 4001

User response: None, informational message.

**DRMINIT-006E CA PARAMETER VALUE
REQUIRED BUT NOT GIVEN**

Explanation: The CA parameter has to be specified during the declaration or the modification of a CAGROUP. Otherwise, no JCL is generated.

Severity: Abend 4001

User response: Add the CA parameter to the command.

**DRMINIT-007I DBD dbname DDN ddname WILL
BE EJECTED OUT OF CAGRP cagroup**

Explanation: According to the new definition of the CAGroup *cagroup* requested to DRMINIT, the DBDS whose DBD is *dbname* and DDN *ddname* will no longer belong to this CAGROUP. It will be necessary to assign this DBDS to another CAGroup.

Severity: Abend 4001

User response: None, informational message.

**DRMINIT-008I YOU HAVE TO REASSIGN A NEW
CAGRP FOR THIS DBDS**

Explanation: This message is issued with message DRMIMIT-007I.

Severity: Abend 4001

User response: None, informational message.

**DRMINIT-009E CA AND DBDSGRP ARE
MUTUALLY EXCLUSIVE
PARAMETERS**

Explanation: Parameters CA= and DBDSGRP= are mutually exclusive: they must not be both entered.

Severity: Abend 4001

User response: Correct the command.

**DRMINIT-010E ONE OF TWO PARAMETERS: CA
OR DBDSGRP IS REQUIRED**

Explanation: One of the two parameters CA and DBDSGRP has to be entered in the command.

Severity: Abend 4001

User response: Correct the command.

**DRMINIT-011E ONE OF THREE PARAMETERS:
DB, ADDDB OR DELDB IS REQUIRED**

Explanation: One of the three parameters DB, ADDDB and DELDB must be specified within the command.

Severity: Abend 4001

User response: Correct the command.

**DRMINIT-012I DBD database DDN ddname WILL
BE EJECTED OUT OF DBDSGRP
groupname**

Explanation: According to the new definition of DBDS group *groupname* provided to DRMINIT, the DBDS whose DBD is *dbname* and whose DDN is *ddname* will no longer belong to this DBDS group. This DBDS will have to be assigned to another DBDS group.

Severity: Abend 4001

User response: None, informational message.

**DRMINIT-020I DBDSGRP PARAMETER NOT
ACCEPTED FOR IMS LEVEL 130,
DBDSGRP WILL BE IGNORED.**

Explanation: DBDS groups were not yet introduced in IMS version 1.3. Parameter DBDSGRP= is ignored in that case.

Severity: Abend 4001

User response: None, informational message.

**DRMINIT-033E YOU ARE NOT AUTHORIZED TO
RUN THIS FUNCTION**

Explanation: The validity date of Application Recovery Tool is exceeded, or the current CPU is not authorized to use Application Recovery Tool.

Severity: Abend 4001

User response: Contact your IBM representative.

**DRMINIT-014I NOTHING TO DO FOR THIS
PARAMETER SET**

Explanation: No action is necessary to implement the command. The descriptions of retained databases in the RECON data set, in the DBDLIB and in the DYNLIB are coherent.

Severity: Abend 4001

User response: None, informational message.

DRMINIT-096E ddname ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of a data set whose ddname is *ddname* has failed. *rc* is the return code and *rs* the reason code.

Severity: Abend 4001

User response: Examine the existence and the features of the data set for which allocation has failed. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and to correct it.

**DRMINIT-097E INTERRUPT BY
NON-RECOVERABLE ERROR**

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages and perform the necessary corrections.

Messages DRMLDSTS-nnnX

DRMLDSTS-001E RECOVTS LENGTH INVALID (MUST BE AS AAQQQHHMMSSD)

Explanation: The value of the RECOVTS parameter is invalid.

Severity: Abend 4001

User response: Correct the DRMRECOV skeleton of the parmlib or contact your IBM representative.

DRMLDSTS-001I PROCESS indd TO outdd

Explanation: Informative: the records of the log data set allocated under the ddname *indd* before the recovery timestamp are going to be copied in the data set whose ddname is *outdd*.

Severity: Abend 4001

User response: None, informational message.

DRMLDSTS-002E DDN indd HAS BEEN FOUND WITHOUT CORRESPONDING DDN outdd

Explanation: There is no communication between DD cards of LDSIn entry and LDSOn output in the execution step of DRMLDSTS (step LDSTS of the DRMRECOV skeleton of the parmlib).

Severity: Abend 4001

User response: Correct the DRMRECOV skeleton of the parmlib.

DRMLDSTS-003E RECOVTS PARAMETER MISSING

Explanation: The RECOVTS parameter is missing.

Severity: Abend 4001

User response: Correct the DRMRECOV skeleton of the parmlib. The RECOVTS parameter must appear in the PARM field of the EXEC card starting the processing of DRMLDSTS (step LDSTS).

Messages DRMMAP-nnnX

DRMMAP-001E RECON OPEN ERROR

Explanation: An error occurred when opening the RECON data set.

Severity: Abend 4001

User response: Verify the status of RECON data set and the user authorizations on these data sets and perform the necessary corrections.

DRMMAP-001I DRMMAP STARTED AT TIME hh:mm:ss:d

Explanation: This message indicates the time when the DRMMAP function started.

Severity: Abend 4001

User response: None, informational message.

DRMMAP-002E CS1RECON OPEN ERROR

Explanation: An error occurred when opening the DRMRECON data set specified in the DRMXIMSS member of the parmlib.

Severity: Abend 4001

User response: Verify the status of the data set and the user authorizations on this data set and perform the necessary corrections.

DRMMAP-002I DRMMAP ENDED AT TIME hh:mm:ss:d

Explanation: This message indicates the time when the DRMMAP function ended.

Severity: Abend 4001

User response: None, informational message.

DRMMAP-003E DBD *dbdname* DDN *ddname* IS IN LOSS STATE FROM *timestamp1* TO *timestamp2*

Explanation: The database whose DBD is *dbdname* and DDN *ddname* shows a 'LOSS' period with a duration greater than the defined maximal duration by the MAXLOSS parameter while the database is updated without possibility of recovery.

Severity: Abend 4001

User response: Verify the schedule of VIC points and image copies for the concerned database, or modify the MAXLOSS parameter of the DRMMAP member of the parmlib if this is considered too ambitious.

DRMMAP-003I DBDSGRP PARAMETER OVERRIDE DB LIST, DB LIST WILL BE IGNORED

Explanation: DBDSGRP= parameter takes priority over DB= parameter. When DBDSGRP= parameter is entered, DB= parameter is not needed and is not taken into account.

Severity: Abend 4001

User response: None, informational message.

DRMMAP-004E ONE OR MORE DB (S) HAS BEEN FOUND WITH LOSS CONDITION WARNING, ABEND DONE TO GET YOUR ATTENTION.

Explanation: At least one of the examined databases shows a 'LOSS' period. An abend is caused to call attention to this potentially dangerous situation. One or more DRMMAP-003E messages precede this one, mentioning databases showing a LOSS.

Severity: Abend 4001

User response: Check the planning of VIC points and image copies for concerned databases.

DRMMAP-005E CS2RECON OPEN ERROR

Explanation: An error occurred when opening the CS2RECON data set specified in the DRMXDB2S member of the parmlib.

Severity: Abend 4001

User response: Check the status of the data set and the user authorizations on this data set and perform the necessary corrections.

DRMMAP-020I NONRECOVERABLE DB(S) NOT SUPPORTED BY IMS LEVEL LESS THAN 310

Explanation: Nonrecoverable DBs were not introduced in IMS before Version 3.10. Parameter NONRECOV= is ignored in that case.

Severity: Abend 4001

User response: None, informational message.

DRMMAP-033E YOU ARE NOT AUTHORIZED TO RUN THIS FUNCTION

Explanation: The validity date of Application Recovery Tool is exceeded, or the current CPU is not authorized to use Application Recovery Tool

Severity: Abend 4001

User response: Contact your IBM representative.

**DRMMAP-097E INTERRUPT BY
NON-RECOVERABLE ERROR**

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages and perform the necessary corrections.

Messages DRMMDISK-*nnnX*

**DRMMDISK-001I VOLUME volume UNIT unitname
HAS BEEN SELECTED**

Explanation: This message indicates the name and the unit of a volume to be retained.

Severity: Abend 4001

User response: None, informational message.

**DRMMDISK-002E INVALID RETENTION DELAY
jjjjhhmm JJJJHHMM OBTAINED
FROM RDAY AND RTIME**

Explanation: The duration of retention *jjjjhhmm* computed from RDAY and RTIME parameters is invalid.

Severity: Abend 4001

User response: Verify RDAY and RTIME parameters in the command or in the DRMMDISK member of the parmlib.

**DRMMDISK-002I YOU WANT TO SEE THE
DISK(S) STATE AS IT WAS THE
dd/mm/yy AT hh:mm:ss.d**

Explanation: This message indicates the date and time for which volume status is requested.

Severity: Abend 4001

User response: None, informational message.

**DRMMDISK-003E DATE CONVERSION
INTERNAL ERROR OF
aammjjhhmssd**

Explanation: An error has occurred during the date conversion *aammjjhhmssd*.

Severity: Abend 4001

User response: Verify RDAY and RTIME parameters in the command or in the DRMMDISK member of the parmlib.

**DRMMDISK-097E INTERRUPT BY
NON-RECOVERABLE ERROR**

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages and perform the necessary corrections.

Messages DRMMDLET-*nnnX*

DRMMDLET-001I data set *dsname* IS STILL USED BY DB2

Explanation: The incremental image copy data set *dsname* previous to the processing of the utility job MERGECOPY NEWCOPY NO is still referenced in the DB2 catalog; Application Recovery Tool does not delete this data set.

Severity: Abend 4001

User response: None, informational message.

DRMMDLET-001W NO data set TO DELETE

Explanation: All incremental image copy data sets that have been merged are still referenced in the DB2 catalog. This can occur for instance when IICs of the entire table space are merged into an IIC of a single partition.

Severity: None

User response: None, warning message.

DRMMDLET-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages and perform the necessary corrections.

Messages DRMMERGE-*nnnX*

DRMMERGE-001I NO TS WITH IMAGE COPIES TO MERGE

Explanation: No copies to be merged have been found for the table spaces selected: no MERGECOPY will be processed.

Severity: Abend 4001

User response: None, informational message.

DRMMERGE-002I NO TS WITH IIC NUMBER EQUAL OR GREATER THAN MRGNUM = *n* PARAMETER

Explanation: The minimum number of IICs to be merged, required by the user with parameter MRGNUM=*n*, has not been reached for the table spaces selected: no MERGECOPY will be processed.

Severity: Abend 4001

User response: None, informational message.

DRMMERGE-033E YOU ARE NOT AUTHORIZED TO RUN THIS FUNCTION

Explanation: The validity date of Application Recovery Tool is exceeded, or the current CPU is not authorized to use Application Recovery Tool.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMMERGE-088E NOTHING TO DO WITH THIS SELECTION OF DATABASE/ TABLESPACES. FUNCTION ENDED

Explanation: No object (data bases, table spaces) corresponding to the selection criteria could be found in the DB2 catalog. The function cannot be run.

Severity: Abend 4001

User response: No action is required.

DRMMERGE-089E INTERRUPT BY NON-ACCEPTED ERROR, PARAMETER FLUSH=Y.

Explanation: At least one of the table spaces selected does not meet the conditions required for processing a MERGECOPY. The conditions are: the existence of a FIC and the existence of **one** (if NEWCOPY=Y) or **two** (if NEWCOPY=N) IIC after the last FIC. Parameter FLUSH is set to Y, so an error follows.

Severity: Abend 4001

User response: Check the planification of jobs DRMFIC, DRMIIC and DRMMERGE for those table spaces that do not meet the conditions.

DRMMERGE-096E DRMPARM ALLOCATION ERROR *rc/rs*

Explanation: The dynamic allocation of work data set DRMPARM has failed. *rc* is the return code and is the return code *rs* the reason code.

Severity: Abend 4001

User response: Verify the availability of SYSALLDA units. Also, use the return code and the reason code in the message to find the cause of the error and correct it.

DRMMERGE-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages and perform the necessary corrections.

Messages DRMNTRCV-nnnX

DRM1NTRCV-001E WORK data set SYSIN ALLOCATION ERROR

Explanation: The dynamic allocation of the SYSIN work data set has failed.

Severity: Abend 4001

User response: Check the availability of SYSALLDA units.

DRMNTRCV-002E DBDS NOT FOUND IN RECON

Explanation: The RECON data set does not contain DBDS for the processed database.

Severity: Abend 4001

User response: Verify the DRMSRCOV member of the parmlib.

DRMNTRCV-003E DBRC ERROR DETECTED

Explanation: The call to DBRC has failed.

Severity: Abend 4001

User response: Verify the preceding messages and perform the necessary corrections.

DRMNTRCV-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages and perform the necessary corrections. Otherwise, verify the availability of the RECON data set.

Messages DRMRBSDS-nnnX

DRMRBSDS-001E DB2BSDS *dsname* ALLOCATION ERROR

Explanation: The dynamic allocation of the DB2BSDS data set with *dsname dsname* has failed. This message is followed by the message DRMRBSDS-096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Check the *dsname* of the DB2BSDS data set specified in the DRMXDB2S member of the parmlib.

DRMRBSDS--001I THE RANGE OF RBA TO BE USED IS *lowrba-highrba*

Explanation: This message indicates the RBA interval to be considered for log data set to be deleted.

Severity: Abend 4001

User response: None, informational message.

DRMRBSDS-002E DSNJU004 LINK ERROR RC *rc*

Explanation: The processing of the PRINT LOG MAP utility DSNJU004 produced the return code *rc*

Severity: Abend 4001

User response: Verify the existence of the load module DSNJU004 in the DB2LIB library whose *dsname* is mentioned in the DRMXDB2S member of the parmlib (this library is mentioned in STEPLIB in the DELARCH step of the DRMSDLT2 skeleton of the parmlib). Also, check the *dsname* of the DB2BSDS data set mentioned in the DRMXDB2S member of the parmlib and the user authorizations for reading this data set.

DRMRBSDS-002I ARCHIVE *dsname* WITH RANGE *lowrba-highrba* HAS BEEN SKIPPED

Explanation: The archive log data set indicated does not match the RBA interval used and, therefore, is ignored.

Severity: Abend 4001

User response: None, informational message.

DRMRBSDS-003E TEMPORARY WORK data set ALLOCATION FAILED

Explanation: The dynamic allocation of a work data set has failed. This message is followed by the message DRMRBSDS-096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Check the availability of SYSALLDA units.

DRMRBSDS-003I ARCHIVE *dsname* WITH RANGE *lowrba-highrba* HAS BEEN SELECTED

Explanation: The archive log data set indicated matches the RBA interval used and, therefore, is retained.

Severity: Abend 4001

User response: None, informational message.

DRMRBSDS-004I BSDS ARCHIVE *dsname* HAS BEEN FOUND AND SELECTED.

Explanation: The specified dual log data set has been retained.

Severity: Abend 4001

User response: None, informational message.

DRMRBSDS-005I NOTHING TO DO BECAUSE THE RANGE IS EMPTY.

Explanation: The RBA interval in which log data sets have to be purged is empty (*highRBA* is not higher than *lowRBA*).

Severity: Abend 4001

User response: None, informational message.

DRMRBSDS-096E ALLOCATION ERROR *rc/rs*

Explanation: The dynamic allocation of a data set has failed. *rc* is the return code and *rs* the reason code.

Severity: Abend 4001

User response: Examine the existence and features of the data set for which allocation has failed. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and to correct it.

DRMRBSDS-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages and perform the necessary corrections.

Verify the existence and the availability of the load module DRMXPROC of Application Recovery Tool.

Messages DRMRECOV-nnnX

DRMRECOV-001E RECON OPEN ERROR

Explanation: An error occurred when opening the RECON data set.

Severity: Abend 4001

User response: Verify the status of the RECON data sets and the user authorizations on these data sets and perform the necessary corrections.

DRMRECOV-001I DRMRECOV STARTED AT TIME hh:mm:ss:d

Explanation: This message indicates the time when the DRMRECOV function started.

Severity: Abend 4001

User response: None, informational message.

DRMRECOV-002E DRMRECON OPEN ERROR

Explanation: An error occurred when opening the DRMRECON data set specified in the DRMXIMSS member of the parmlib.

Severity: Abend 4001

User response: Verify the status of the data set and the user authorizations on this data set and perform the necessary corrections.

DRMRECOV-002I DRMRECOV ENDED AT TIME hh:mm:ss:d

Explanation: This message indicates the time when the DRMRECOV function ended.

Severity: Abend 4001

User response: None, informational message.

DRMRECOV-003E CS2RECON OPEN ERROR

Explanation: An error occurred when opening the CS2RECON data set specified in the DRMXDB2S member of the parmlib.

Severity: Abend 4001

User response: Verify the status of the data set and the user authorizations on this data set and perform the necessary corrections.

DRMRECOV-004I RECOVERY STARTING... THE dd/mm/yy AT hh:mm:ss.d

Explanation: This message informs the user that the recovery processing started at the specified date and time.

Severity: Abend 4001

User response: None, informational message.

DRMRECOV-005E PROBLEM COMPLEXITY TOO BIG. RESOURCES EXHAUSTED. TRY WITH A SMALLER SET OF DB

Explanation: The number of ISPF work tables has reached 10000000, Application Recovery Tool can no longer ensure processing.

Severity: Abend 4001

User response: Modify the command to decrease the number of databases to process.

DRMRECOV-005I RECOVERY LOOK STEP THE dd/mm/yy AT hh:mm:ss.d

Explanation: This message informs the user that the preliminary look step for the recovery processing ran at the indicated date.

Severity: Abend 4001

User response: None, informational message.

DRMRECOV-006E NO VIC vicid FOUND FOR DBD dbdname DDN ddname

Explanation: The VIC point whose identifier is *vicid* has not been performed for the DBD database *dbdname* and DDN *ddname* (the search is done in the DRMRECON data set). The recovery of this database from the specified VIC point is therefore impossible.

Severity: Abend 4001

User response: Modify the command parameters in order to get the most consistent criteria.

DRMRECOV-006I VIC ID vicid=timestamp FOR DB dbdname DDN ddname

Explanation: This message indicates the timestamp corresponding to the VIC point whose identifier is *vicid* of the mentioned database.

Severity: Abend 4001

User response: None, informational message.

DRMRECOV-007E \VIC TS FOR THIS DBDS IS NOT EQUAL TO PRECEDING DBDS (S).

Explanation: The timestamp of the VIC point described in the preceding message is different from the timestamp of the \VIC point with the same identifier found for the other databases. The recovery from this VIC point is impossible for the specified databases set.

Severity: Abend 4001

User response: Modify the command parameters to obtain the most consistent criteria. Verify, if necessary, the chosen nomenclature of the VIC points.

DRMRECOV-007I RECOVERY FAILED. RETRY IN PROGRESS AT TIME hh:mm:ss.d

Explanation: This message indicates that an attempt to retry DRMRECOV has failed. The number of authorized attempts was not reached (parameter FAILED). A new attempt will be performed.

Severity: Abend 4001

User response: None, informational message.

DRMRECOV-008E LDS NOT ENDED DETECTED AS POSSIBLE INVALID RECOVERY CONDITION FOR dbdname ddname

Explanation: The current OLDS log data set contains requisite updates for the recovery. This message appears if the TEST parameter is 'Y' or if the AUTO parameter is 'N', in order to indicate that the generated JCL can be different from the one which would be generated later, after the log archiving.

Severity: Abend 4001

User response: None.

DRMRECOV-008I NO CHANGE HAS OCCURRED FOR dbdname ddname. RECOVERY IGNORED FOR THIS DBDS (FORCE=x, PARAMETER)

Explanation: No updates occurred on the mentioned database since the date indicated for the recovery processing. No recovery processing will be performed for this database because the FORCE parameter was set to x.

Severity: Abend 4001

User response: None, informational message.

DRMRECOV-009E LDS DSN IS dsname FOR SSID imsid

Explanation: This message follows message DRMRECOV-008E. It specifies the dsname *dsname* of the concerned log data set and the name *imsid* of the concerned IMS system.

Severity: Abend 4001

User response: None.

DRMRECOV-009I NOTHING TO DO FOR IMS PARM SET.

Explanation: No IMS/DB2 object matches the criteria specified inside the command, therefore no object will be processed.

Severity: Abend 4001

User response: None, informational message.

DRMRECOV-010E FROM starttimestamp TO endtimestamp

Explanation: This message follows message DRMRECOV-009E. It specifies the start and end timestamp of the concerned log data set.

Severity: Abend 4001

User response: None.

DRMRECOV-010I RECOVERY SWITCH STEP THE dd/mm/yy AT hh:mm:ss.d

Explanation: This message indicates that DRMRECOV has performed the switch step at the specified date and time.

Severity: Abend 4001

User response: None, informational message.

DRMRECOV-011I VIC ID vicid=timestamp RBA rba FOR DB dbname TS tname

Explanation: This message indicates the timestamp and the log RBA corresponding to the VIC point which identifier is vicid for the table space mentioned.

Severity: Abend 4001

User response: None, informational message.

DRMRECOV-011W TUNNEL EFFECT DETECTED FROM TS starttimestamp TO endtimestamp FOR dbdname ddname

Explanation: A recovery has been performed on the database whose DBD is *dbdname* and DDN is *ddname* at a later date than the chosen recovery timestamp. It produces a 'TUNNEL' effect between the two specified timestamps.

Severity: None

User response: None, warning message.

DRMRECOV-012I NO CHANGE HAS OCCURRED FOR dbdname ddname. RECOVERY HAS BEEN FORCED FOR THIS DBDS (FORCE=Y, PARAMETER)

Explanation: No updates occurred on the mentioned databases since the indicated date for the recovery

processing. Nevertheless, a recovery processing will be performed for this database because the parameter FORCE is set to Y.

Severity: Abend 4001

User response: None, informational message.

**DRMRECOV-012W RECOVERY IN EFFECT IS AT
RUN TIME *runtime* TO
*timestamp***

Explanation: This message follows the message DRMRECOV-011W. It specifies the processing timestamp and the recovery timestamp.

Severity: None

User response: None, warning message.

**DRMRECOV-013I DBDSGRP PARAMETER
OVERRIDE DB LIST, DB LIST WILL
BE IGNORED**

Explanation: DBDSGRP= parameter takes priority over DB= parameter. When DBDSGRP= parameter is entered, DB= parameter is unneeded and is not taken into account.

Severity: Abend 4001

User response: None, informational message.

**DRMRECOV-014E FAILED COUNT REACHED,
UTILITY ENDED**

Explanation: The maximum number of processing attempts of the requested action has been reached. This number is set by the FAILED parameter present in the command or in the DRMRECOV member of the parmlib.

Severity: Abend 4001

User response: Examine the preceding messages to find the reason for successive failures. Otherwise, restart the process by modifying, if necessary, the FAILED parameter.

**DRMRECOV-014I THE FOLLOWING
NONRECOVERABLE DBDS HAVE
BEEN FOUND:**

Explanation: This message is followed by the list of all databases that are non-recoverable.

Severity: Abend 4001

User response: None, informational message.

**DRMRECOV-015E NO VIC vicid FOUND FOR DB
dbname TS tname**

Explanation: The VIC point whose identifier is *\vicid* has not been performed for the table space *dbname.tname* (the search is done in the CS2RECON data set). The recovery of this table space from the specified VIC point is therefore impossible.

Severity: Abend 4001

User response: Modify the command parameters to obtain the most consistent criteria.

**DRMRECOV-015I NONRECOVERABLE DB(S) NOT
SUPPORTED BY IMS LEVEL LESS
THAN 310**

Explanation: Nonrecoverable DBs were not introduced in IMS before Version 3.1. Parameter NONRECOV= is ignored in that case.

Severity: Abend 4001

User response: None, informational message.

**DRMRECOV-016E VIC TIME FOR THIS TS IS NOT
EQUAL TO PRECEDING DB(S)/TS(S).**

Explanation: The timestamp of the VIC point described in the preceding message is different from the timestamp of the VIC point with the same identifier found for the other databases or table spaces. The recovery from this VIC point is impossible for the specified databases and table spaces set.

Severity: Abend 4001

User response: Modify the command parameters in order to get the most consistent criteria. Verify, if necessary, the chosen nomenclature of the VIC points.

**DRMRECOV-016I RECOVERY NEEDED FLAG
FOUND FOR dbname ddname.
RECOVERY HAS BEEN FORCED FOR
THIS DBDS.**

Explanation: The function forces the recovery processing of the mentioned database as DBRC has set this database into "recovery" status. This action must be requested by using the FORCERN=Y parameter.

Severity: Abend 4001

User response: None, informational message.

**DRMRECOV-017E ID=, PARAMETER MISSING.
YOU MUST DO A LOGICAL
RECOVERY TO A VIC ID WHEN DB2
TS ARE SELECTED.**

Explanation: The DRMRECOV function performs a recovery either physical (TIMESTAMP and ID parameters absent) or applicative. In the second case,

for DB2 table spaces, the VIC point has to be specified by the ID= parameter.

Severity: Abend 4001

User response: Modify the command parameters.

DRMRECOV-018E VIC RBA FOR THIS TS IS NOT EQUAL TO PRECEDING TS (S).

Explanation: The log RBA of the VIC point described in the preceding message is different from the log RBA of the VIC point with the same identifier found for the other table spaces. The recovery from this VIC point is impossible for the specified table spaces set.

Severity: Abend 4001

User response: Modify the command parameters in order to get the most consistent criteria. Verify, if, necessary the chosen nomenclature of the VIC points.

DRMRECOV-019E CAN'T DO A RECOVER OF THIS SET OF DB (S) / TS (S).

Explanation: This message follows the message DRMRECOV-006E (IMS) or DRMRECOV-015E (DB2).

Severity: Abend 4001

User response: Modify the command.

DRMRECOV-020E CONFLICTING REQUEST DETECTED.

Explanation: This message follows the message DRMRECOV-007E (IMS) or DRMRECOV-016E or DRMRECOV-018E (DB2). It indicates that the criteria specified in the command are incompatible.

Severity: Abend 4001

User response: Modify the command.

DRMRECOV-021E VIC PART FOR THIS TS IS NOT EQUAL TO DSSEL VALUE

Explanation: The number of the partition for which a restore was requested does not correspond to the partition that was involved within the VIC. The DSSEL parameter is not necessary to restore the partition that was involved within the VIC point. The DSSEL parameter is necessary to restore a partition at the VIC point if the entire table space had been involved within this point.

Severity: Abend 4001

User response: Correct accordingly.

DRMRECOV-033E YOU ARE NOT AUTHORIZED TO RUN THIS FUNCTION

Explanation: The validity date of Application Recovery Tool is exceeded, or the current CPU is not authorized to use Application Recovery Tool.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMRECOV-089E INTERRUPT BY NON-ACCEPTED ERROR, PARAMETER FLUSH=Y.

Explanation: The errors described in the previous messages cause processing to stop when the user requests it, because the FLUSH parameter is 'Y'.

Severity: Abend 4001

User response: Verify the error messages which precede and correct accordingly. If you wish to continue processing in spite of these errors, you can modify the command and request FLUSH=N.

DRMRECOV-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages and perform the necessary corrections.

Messages DRMRRORG-nnnX

DRMRRORG-001E RECON OPEN ERROR

Explanation: An error occurred when opening the RECON data set.

Severity: Abend 4001

User response: Verify the status of RECON data sets and the user authorizations on these data sets and perform the necessary corrections.

DRMRRORG-001I --- DRMRRORG STARTED AT TIME hh:mm:ss.d

Explanation: This message specifies the time when the DRMRRORG function started.

Severity: Abend 4001

User response: None, informational message.

DRMRRORG-002E DRMPARM WORK data set NOT ALLOCATED

Explanation: The dynamic allocation of a work data set has failed. This message is followed by the message 096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Check the availability of SYSALLDA units.

DRMRRORG-002I --- DRMRRORG ENDED AT TIME hh:mm:ss.d

Explanation: This message specifies the time when the DRMRRORG function ended.

Severity: Abend 4001

User response: None, informational message.

DRMRRORG-003E SYSIN WORK dataset NOT ALLOCATED

Explanation: The dynamic allocation of a work data set has failed. This message is followed by the message 096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Check the availability of SYSALLDA units.

DRMRRORG-003I THE STATE OF THE RECONS IS: RECON STATUS DATA/INDEX AT hh:mm:ss.d

Explanation: This message is issued prior to the description of the status of the three RECON data sets at the indicated time.

Severity: Abend 4001

User response: None, informational message.

DRMRRORG-004E AMSLIB dsname NOT ALLOCATED

Explanation: The dynamic allocation of the AMSLIB data set whose dsname is *dsname* has failed. This message is followed by the message 096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Verify the existence and the features of the data set whose dsname is *dsname*, or the AMSLIB parameter specified in DRMXIMSS and DRMRRORG members of the parmlib.

DRMRRORG-005E mbrname MEMBER NOT FOUND IN AMSLIB

Explanation: The member *mbrname* does not exist in the AMSLIB library.

Severity: Abend 4001

User response: Verify the dsname of the AMSLIB library specified in DRMXIMSS and DRMRRORG members of the parmlib and the contents of this library. Verify also the member names specified in the DRMRRORG member of the parmlib (RECON1, RECON2 and RECON3 parameters).

DRMRRORG-005I THE RECON recon HAS BEEN SUCCESSFULLY RECREATED (USING AMSLIB DEFINITION).

Explanation: The RECON data set which ddname is *recon* has just been recreated, using the DELETE/DEFINE of the corresponding member of the AMSLIB.

Severity: Abend 4001

User response: None, informational message.

DRMRRORG-006E mbrname MEMBER OF AMSLIB dsname NOT ALLOCATED

Explanation: The dynamic allocation of the member *mbrname* of the AMSLIB library whose dsname is *dsname* has failed. This message is followed by the message 096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Verify the error codes specified in the following message.

**DRMRRORG-007E MAX RETRY REACHED,
RECON REORG ABORTED.**

Explanation: The maximum number of processing attempts of the requested action has been reached. This number is set by the RETRY parameter present in the command or in the DRMRRORG member of the parmlib.

Severity: Abend 4001

User response: Examine the preceding messages to find the reason for successive failures. Otherwise, restart the processing by modifying, if necessary, the RETRY parameter.

**DRMRRORG-007I THE RECON recon HAS BEEN
SUCCESSFULLY RECREATED (USING
A DYNAMIC DEFINITION).**

Explanation: The RECON data set whose ddname is *recon* has just been recreated, using the DELETE/DEFINE skeleton of the parmlib.

Severity: Abend 4001

User response: None, informational message.

**DRMRRORG-008E NO ENOUGH FREE SPACE
DETECTED FOR THE RECONS
DATASETS.**

Explanation: This message indicates that RECON data sets do not have the minimum free space required by the FREESPC parameter (DRMRRORG member of the parmlib).

Severity: Abend 4001

User response: See the message 009I that follows, or modify the parameter FREESPC in the command or, as an alternative, modify FREESPC in the DRMRRORG member of the parmlib.

**DRMRRORG-008I WAITING UNTIL THE RECON
recon IS FREED AND DELETED**

Explanation: The DRMRRORG function is waiting for the deallocation and the suppression of the specified RECON data set.

Severity: Abend 4001

User response: None, informational message.

**DRMRRORG-009I INCREASE YOUR DELETE /
DEFINE SPACE VALUES AND RUN A
DYNAMIC=N RRORG.**

Explanation: To correct the situation specified by the message 008E, it is enough to modify allocation values specified in RECON1, RECON2 and RECON3 members of the AMSLIB library, containing the DELETE/DEFINE for RECON data sets, and to process

DRMRRORG by specifying the DYNAMIC=N parameter.

Severity: Abend 4001

User response: None, informational message.

**DRMRRORG-033E YOU ARE NOT AUTHORIZED
TO RUN THIS FUNCTION**

Explanation: The validity date of Application Recovery Tool is exceeded, or the current CPU is not authorized to use Application Recovery Tool.

Severity: Abend 4001

User response: Contact your IBM representative.

**DRMRRORG-096E ddname ALLOCATION ERROR
rc / rs**

Explanation: The dynamic allocation of the data set whose ddname is *ddname* has failed. *rc* is the return code and *rs* the reason code.

Severity: Abend 4001

User response: Examine the existence and the features of the data set whose ddname is *ddname*. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and correct it.

**DRMRRORG-097E INTERRUPT BY
NON-RECOVERABLE ERROR**

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages and perform the necessary corrections.

Messages DRMVIC-nnnX

DRMVIC-001E RECON OPEN ERROR

Explanation: An error occurred when opening the RECON data set.

Severity: Abend 4001

User response: Verify the status of RECON data sets and the user authorizations on these data sets and perform the necessary corrections.

DRMVIC-001I ---- DRMVIC STARTED AT TIME hh:mm:ss.d

Explanation: This message specifies the time when the DRMVIC function started.

Severity: Abend 4001

User response: None, informational message.

DRMVIC-002E DRMRECON OPEN ERROR

Explanation: An error occurred when opening the DRMRECON data set specified in the DRMXIMSS member of the parmlib.

Severity: Abend 4001

User response: Verify the status of the data set and the user authorizations on this data set and perform the necessary corrections.

DRMVIC-002I ---- DRMVIC ENDED AT TIME hh:mm:ss.d

Explanation: This message specified the time when the DRMVIC function ended.

Severity: Abend 4001

User response: None, informational message.

DRMVIC-003I DBDSGRP PARAMETER OVERRIDE DB LIST, DB LIST WILL BE IGNORED

Explanation: DBDSGRP= parameter takes priority over DB= parameter. When DBDSGRP= parameter is entered, DB= parameter is not needed and is not taken into account.

Severity: Abend 4001

User response: None, informational message.

DRMVIC-004E CS2RECON OPEN ERROR

Explanation: An error occurred when opening the CS2RECON data set specified in the DRMXDB2S member of the parmlib.

Severity: Abend 4001

User response: Verify the status of the data set and

the user authorizations on this data set and perform the necessary corrections.

DRMVIC-004I VIC STARTING... ON dd/mm/yy AT hh:mm:ss.d

Explanation: This message specifies the date and the time when the VIC point processing started.

Severity: Abend 4001

User response: None, informational message.

DRMVIC-005E TS=CATALOG EXCLUDES PLAN= OR PKLIST= PARAMETERS

Explanation: If a VIC point on the DB2 catalog (TS=CATALOG) is asked for, it must include only catalog table spaces: the inclusion of other table spaces using PLAN= or PKLIST= parameter is not allowed.

Severity: Abend 4001

User response: Modify the command.

DRMVIC-005I VIC ENDED THE dd/mm/yy AT hh:mm:ss.d (hh:mm:ss.d FROM START)

Explanation: This message specifies the date and the time when the VIC point processing ended. The duration of the process is also indicated.

Severity: Abend 4001

User response: None, informational message.

DRMVIC-006E FTINCL ERROR

Explanation: The data set tailoring of the DRMVIC skeleton of the parmlib has failed.

Severity: Abend 4001

User response: Check the DRMVIC skeleton.

DRMVIC-006I VIC TS aaqqqhmmssd WITH ID vidid IS SUCCESSFUL.

Explanation: This message indicates the timestamp and the identifier of the VIC point that has just been realized.

Severity: Abend 4001

User response: None, informational message.

DRMVIC-007E VIC FAILED:

Explanation: The VIC point has failed because the database whose DBD is *dbdname* specified in the following message 008E, is used for updating in the IMS system *imsid*. The wait for the end of updating has exceeded the maximum time determined according to

the WAIT and RETRY parameters of the command or the VIC member of the parmlib.

Severity: The FAILED parameter of the command or the VIC member of the parmlib indicates the number of times a VIC point may be attempted. After an equal number of failures, there is an abend 4001.

User response: Examine the preceding messages to find the reason for successive failures. Otherwise, restart the process, modifying, if necessary, the FAILED, WAIT and RETRY parameters.

**DRMVIC-007I VIC FAILED RETRY IN PROGRESS
AT TIME hh:mm:ss.d**

Explanation: This message indicates that an attempt to run VIC again, has failed. The number of authorized trials was not reached (parameter FAILED). A new attempt is going to be performed.

Severity: Abend 4001

User response: None, informational message.

**DRMVIC-008E DB dbdname HAS BEEN USED BY
SSID imsid**

Explanation: The update use of the database whose DBD is *dbdname* in the IMS system *imsid* prevented the performance of the requested VIC point. This message follows the 007E.

Severity: Abend 4001

User response: Verify the allocations of the specified database.

**DRMVIC-008I VIC LOOK STEP THE dd/mm/yy AT
hh:mm:ss.d**

Explanation: This message indicates that the preliminary look step for taking a VIC point occurred at the indicated date.

Severity: Abend 4001

User response: None, informational message.

**DRMVIC-009E PLAN= AND PKLIST= ARE
MUTUALLY EXCLUSIVE
PARAMETERS**

Explanation: Parameters PLAN= and PKLIST= are mutually exclusive; they must not be both entered.

Severity: Abend 4001

User response: Correct the command.

**DRMVIC-009I START DB FAILED RETRY IN
PROGRESS AT TIME hh:mm:ss.d**

Explanation: This message indicates that an attempt to restart the databases and concerned table spaces has failed. The number of tries allowed was not reached (parameter FAILED). A new attempt is going to be performed.

Severity: Abend 4001

User response: None, informational message.

**DRMVIC-010E NO IC FOUND FOR DB dbname TS
tsname BEFORE yyqqq dd / mm / yy
hh: mm: ss: d**

Explanation: There is no image copy of the table space *dbname tsname*.

Severity: Abend 4001

User response: Take an image copy of the mentioned table space (DRMFIC), then restart DRMVIC.

DRMV12-010I QUIESCE RUNNING

Explanation: This message announces processing of a QUIESCE on the concerned table spaces.

Severity: Abend 4001

User response: None, informational message.

**DRMVIC-011I VIC SWITCH STEP THE dd/mm/yy
AT hh:mm:ss.d**

Explanation: This message indicates that DRMVIC performed the switch step at the specified date.

Severity: Abend 4001

User response: None, informational message.

**DRMVIC-012I VIC UNCONDITIONAL SWITCH
STEP THE JJ/MM/AA AT HH:MM:SS.D**

Explanation: This message indicates that the IMS log switch has been requested by DRMVIC at the specified date and time.

Severity: Abend 4001

User response: None, informational message.

**DRMVIC-015I NONRECOVERABLE DB(S) NOT
SUPPORTED BY IMS LEVEL LESS
THAN 310**

Explanation: Nonrecoverable DBs were not introduced in IMS before version 310. Parameter NONRECOV= is ignored in that case.

Severity: Abend 4001

User response: None, informational message.

**DRMVIC-022I TSSET PARAMETER IGNORED
WITH TS=CATALOG**

Explanation: If a VIC point on the DB2 catalog (TS=CATALOG) is asked for, the TSSET= parameter can have no effect and is ignored.

Severity: Abend 4001

User response: None, informational message.

**DRMVIC-033E YOU ARE NOT AUTHORIZED TO
RUN THIS FUNCTION**

Explanation: The validity date of Application Recovery Tool is exceeded, or the current CPU is not authorized to use Application Recovery Tool.

Severity: Abend 4001

User response: Contact your IBM representative.

**DRMVIC-039I TBLOCKS FORCED TO N FOR
TS=CATALOG**

Explanation: A VIC point on the DB2 catalog was requested, and TBLOCKS=N is forced.

Severity: None.

User response: None.

**DRMVIC-088I NOTHING TO DO WITH THIS
SELECTION OF DATABASE/
TABLESPACES. FUNCTION ENDED**

Explanation: All the selected objects were created with the DEFINE NO option and have never received any data. No Quiesce point is necessary for these objects. The function stops without launching any QUIESCE utility.

Severity: Abend 4001

User response: No action is required.

**DRMVIC-088E NOTHING TO DO WITH THIS
SELECTION OF DATABASE/
TABLESPACES. FUNCTION ENDED**

Explanation: No object (data bases, table spaces) corresponding to the selection criteria could be found in the DB2 catalog. The function cannot be run.

Severity: None.

User response: No action is required.

DRMVIC-093E ddname ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of the data set whose ddname is *ddname* has failed. *rc* is the return code and *rs* the reason code.

Severity: Abend 4001

User response: Examine the existence and the features of the data set whose ddname is *ddname*. Also, use the return code and the reason code in the message to find the cause of the error and correct it.

**DRMVIC-096E FAILED COUNT REACHED,
UTILITY ENDED**

Explanation: The maximum number of attempts to process the requested action has been reached. This number is set by the FAILED parameter present in the command or in the DRMVIC member of the parmlib.

Severity: Abend 4001

User response: Examine the preceding messages to find the reason for successive failures. Otherwise restart the process, modifying, if necessary, the FAILED parameter.

**DRMVIC-097E INTERRUPT BY NON-
RECOVERABLE ERROR**

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages and correct accordingly.

Messages DRMXPROC-nnnX

DRMXPROC-001E CALL RECURSION DETECTED. EXECUTION INTERRUPTED

Explanation: A recursive call has been detected, and processing is interrupted. The call to DRMXPROC is incorrect.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMXPROC-002E MAX PROC CALL REACHED (10000000)

Explanation: The maximum number of procedures to call has been reached. This number is set to 10000000.

Severity: Abend 4001

User response: Decrease the number of objects to process in the command.

DRMXPROC-002W RESULT TABLE IS TRUNCATED TO MAXROWS

Explanation: The table resulting from the submitted SQL request has been truncated to 5000 lines, the maximum accepted.

Severity: None

User response: Contact your IBM representative.

DRMXPROC-003E EXEC VALUE exec INVALID

Explanation: The command to be processed contains a syntax error. The value of the EXEC parameter is invalid. Values accepted by the EXEC parameter are PROC, SQL, DEFINE, CLIST, and FT.

Severity: Abend 4001

User response: Correct the EXEC parameter in the command (in SYSIN, at the terminal, or in the member of the parmlib whose name is in the parameter list).

DRMXPROC-003I NO CHANGE HAS OCCURRED, REUSE DONE

Explanation: In interactive mode, results of the DB2 catalog interrogation are retained and can be reused during a new call to the same SQL request, as long as the call parameters do not change and the REUSE parameter is set to Y. This avoids unnecessary interrogations of the DB2 catalog. This message is sent when results already obtained are reused.

Severity: Abend 4001

User response: None, informational message.

DRMXPROC-004E PROCEDURE procname NOT FOUND

Explanation: The member *procname* containing the procedure to process, specified by the PROC parameter, does not exist in the DRMULIB or DRMP LIB parmlib.

Severity: Abend 4001

User response: Verify the PROC= parameter in the command or the default member of the parmlib, or verify the existence of the member specified in the parmlib.

DRMXPROC-004I NO SELECT STMT FOUND, NO DISPLAY OCCURRED.

Explanation: The SQL procedure to be processed did not contain a SELECT statement. No result can be displayed.

Severity: Abend 4001

User response: None, informational message.

DRMXPROC-005E PROCEDURE procname MEMBER NOT ALLOCATED

Explanation: The dynamic allocation of the member *procname* of the DRMULIB or DRMP LIB parmlib has failed. This message is followed by the message DRMXPROC-096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Verify the error codes specified in the following message.

DRMXPROC-006E SQL mbrname data set TAILORING ERROR

Explanation: The data set tailoring of the SQL skeleton contained in the member *mbrname* of the parmlib has failed.

Severity: Abend 4001

User response: Modify the SQL request contained in the member *mbrname* of the parmlib.

DRMXPROC-007E SQL mbrname BUFFER REACHED (TOO LONG)

Explanation: The size of a SQL request is restricted to 500 lines.

Severity: Abend 4001

User response: Modify the SQL request contained in the member *mbrname* of the parmlib.

**DRMXPROC-008E SQL *mbrname* EXECUTION
ERROR AT LINE:**

Explanation: Processing of the SQL request contained in the member *mbrname* of the parmlib has failed.

Severity: Abend 4001

User response: Examine the error messages of DB2 and modify the SQL request contained in the member *mbrname* of the parmlib.

**DRMXPROC-010E USER LIBRARY NOT ACTIVE
(SEE CONFIGURATION PANEL)**

Explanation: The EDIT request of the user parmlib cannot be satisfied because the dsname of the user parmlib has not been specified on the configuration panel.

Severity: Abend 4001

User response: Perform the necessary corrections on the configuration panel.

**DRMXPROC-011E ODD COUNT ELEMENT OF
DEFINE VAR LIST. IT MUST BE EVEN**

Explanation: In a procedure EXEC=DEFINE, the VAR parameter has to specify a list of an *even* number of variables (it concerns attached variable pairs). The number is odd.

Severity: Abend 4001

User response: Correct the EXEC=DEFINE command in the corresponding member of the parmlib.

**DRMXPROC-012E ISPF VARIABLE NAME *varname*
TOO LONG**

Explanation: The name of the ISPF variable *varname* exceeds 8 characters.

Severity: Abend 4001

User response: Perform the necessary corrections.

**DRMXPROC-013E MEMBER *mbrname* OF LIBRARY
DDN *ddname* NOT ALLOCATED**

Explanation: The dynamic allocation of the member *mbrname* of the library whose ddname is *ddname* has failed. This message is followed by the message DRMXPROC-096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Verify the error codes specified in the following message.

**DRMXPROC-095E INVALID ENVIRONMENT
DETECTED**

Explanation: The ISPF environment is incorrectly initialized.

Severity: Abend 4001

User response: Contact your IBM representative.

**DRMXPROC-096E *ddname* ALLOCATION ERROR
*rc/rs***

Explanation: The dynamic allocation of the data set whose ddname is *ddname* has failed. *rc* is the return code and *rs* the reason code.

Severity: Abend 4001

User response: Examine the existence and the features of the data set *ddname*. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and correct it.

**DRMXPROC-097E INTERRUPT BY
NON-RECOVERABLE ERROR**

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages and perform the necessary corrections.

Messages DRMU01-nnnX

DRMU01-001I VICID vic-id TSLIM timestamp

Explanation: This message is issued in conjunction with DRMU01-001E. It specifies the identifier *vic-id* and the timestamp *timestamp* of the current search: search of the most recent VIC point preceding the specified timestamp.

Severity: Abend 4001

User response: None, informational message.

DRMU01-001E VIC SEARCH ERROR

Explanation: An error has occurred during the search in the DRMRECON data set of VIC points responding to the criteria specified in the preceding message DRMU01-001I. Messages DRMU01-001I and DRMU01-001E are preceded by DRMU25 error messages that specify the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes and verify the consistency of search criteria. Then correct accordingly.

DRMU01-010I NO DB FOUND IN CS1RECON FOR VIC ID = vic-id BEFORE TIMESTAMP timestamp

Explanation: No VIC point with the identifier specified in parameter ID= and preceding the timestamp specified in parameter TIMESTAMP= could be found in DRMRECON.

Severity: Abend 4001

User response: Correct the command if an error follows.

Messages DRMU02-*nnnX*

DRMU02-001E CODE SEARCH ERROR FOR *code*

Explanation: Informative; the examined RECON data set contains a record whose code is *codes* non-standard DBRC.

Severity: Irrelevant, processing continues.

User response: Verify the RECON data set, if necessary.

Messages DRMU03-nnnX

DRMU03-001I NO DBD FOUND FOR PSB *psbname*

Explanation: The PSB *psbname* processed contains no database name.

Severity: Irrelevant. Processing continues.

User response: Check whether this PSB only contains TP-type PCBs.

DRMU03-001E DATASET *dsname* NOT ALLOCATED

Explanation: The PSBLIB library whose name *dsname* appears in the DRMXIMSS member of the parmlib could not be dynamically allocated. This message is followed by the message DRMU03-096E specifying the error code.

Severity: Abend 4001

User response: Verify the name of the PSBLIB library present in the DRMXIMSS member of the parmlib, the user authorizations on this library, and the features of the data set, or use error codes from message DRMU03-096E.

DRMU03-002W THE FOLLOWING DATABASE(S) HAVE BEEN SELECTED

Explanation: This message is followed by a list of all databases that are selected by the current function.

Severity: None

User response: None, warning message.

DRMU03-003W NO DBD FOUND FOR PSB= PARAMETER LIST

Explanation: No database was found when processing PSB= parameter.

Severity: None

User response: Correct PSB= parameter in the command, or suppress it if it is not used.

DRMU03-096E PSBLIB ALLOCATION ERROR *rc/rs*

Explanation: The dynamic allocation of the PSBLIB has failed. *rc* is the return code and *rs* the reason code. This message is preceded by the message DRMU03-001E.

Severity: Abend 4001

User response: See the message DRMU03-001E. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and correct it.

DRMU03-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages and perform the necessary corrections.

Messages DRMU04-nnnX

DRMU04-001E DBDSGROUP SEARCH ERROR

Explanation: An error occurred during the search in the RECON data set of records related to the DBDS group specified in the preceding message. Messages DRMU04-001I and DRMU04-001E are preceded by message DRMU20-003E containing the VSAM error codes.

Severity: Abend 4001

User response: Examine VSAM error codes in message DRMU20-003E and check the consistency of search criteria, then perform the necessary corrections.

Severity: Abend 4001

User response: Verify the RECON data set and the name specified in parameter DBDSGRP= and perform the necessary corrections.

DRMU04-001I DBDSGROUP groupname

Explanation: This message indicates the name *groupname* of the DBDS group concerned by the next error message.

Severity: Abend 4001

User response: None, informational message.

DRMU04-002E DBDSGRP REACHED WITH INVALID DB LIST COUNT

Explanation: The number of DBs in this DBDS group is inconsistent.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMU04-002I DBDSGROUP groupname ALREADY IN RECONDB dbdname ddname

Explanation: This message introduces the list of databases in the DBDS group *groupname*.

Severity: Abend 4001

User response: None, informational message.

DRMU04-003E DBDSGRP MAX DB LIST COUNT REACHED. (MAX=1024)

Explanation: The number of DBs in a DBDS group cannot exceed 1024 - the maximum number allowed by DBRC. Application Recovery Tool processes only 20 volumes.

Severity: Abend 4001

User response: Correct the command or contact your IBM representative.

DRMU04-004E DBDSGRP NOT FOUND

Explanation: The DBDS group specified in parameter DBDSGRP= is not referenced in the DBRC RECON data set.

Messages DRMU05-nnnX

DRMU05-002E TDBDS REACHED WITH INVALID DB LIST COUNT

Explanation: The number of DBs listed in the ISPF table specified in the previous message is inconsistent.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMU05-003E TDBDS MAX DB LIST COUNT REACHED.(MAX=1024)

Explanation: The ISPF table specified in the previous message contains more than 1024 databases. Such a number is supported neither by DBRC, nor by Application Recovery Tool.

Severity: Abend 4001

User response: Modify the database selection parameters in the command.

Messages DRMU06-nnnX

DRMU06-001E PSB *psbname* LOAD RC *rc* - *rs* WITH *dsname*

Explanation: Member *psbname* of the PSBLIB library *dsname* could not be loaded. The return code was *rc* and the reason code *rs*.

Severity: Abend 4001

User response: Use the error codes in the message from the Application Recovery Tool for IMS and DB2 Databases User's Guide (SC27-0980) to analyze the problem and correct it.

| **DRMU06-002E PSB *psbname* BLDL RC *rc* - *rs* WITH *dsname***
|

| **Explanation:** The utility could not find the mentioned
| PSB. The BLDL macro used to locate the member
| *psbname* in the PSBLIB (*dsname*) ended with return
| code *rc* and reason code *rs*.

| **Severity:** Abend 4001

| **User response:** Use the return and reason code from
| BLDL to determine the reason for the error and to solve
| the related problem.

Messages DRMU08-nnnX

DRMU08-001I EXTERNAL DBD *dbdname* IS NOT INDEX

Explanation: Member *dbdname* of the DBDLIB library has been found in logical relation with a selected database, and is not an index.

Severity: Abend 4001

User response: None, informational message.

DRMU08-001E DBD LIBRARY *dsname*

Explanation: The DBDLIB library whose name *dsname* appears in the DRMXIMSS member of the parmlib could not be dynamically allocated. This message is followed by the message DRMU04-096E specifying the error code.

Severity: Abend 4001

User response: Verify the name of the DBDLIB library present in the DRMXIMSS member of the parmlib, the user authorizations on this library, and the features of the data set, or use error codes from message DRMU08-096E.

DRMU08-005E DBD MODULE *dbdname* NOT FOUND IN DBDLIB

Explanation: Member *dbdname* of the DBDLIB library mentioned in parmlib member DRMXIMSS could not be loaded.

Severity: Abend 4001

User response: Check the DBDLIB parameter in parmlib member DRMXIMSS or correct parameter DB= in the command.

DRMU08-006E INVALID DBD MODULE *dbdname*

Explanation: The member *dbdname* of the DBDLIB library is invalid. The DBD name specified in its prefix is not *dbdname*.

Severity: Irrelevant.

User response: Perform the necessary corrections.

DRMU08-007I *type* NOT SUPPORTED, DBD *dbdname* IGNORED

Explanation: The member *dbdname* of the DBDLIB library has the organization *type* that is not supported. This DBD will be ignored.

Severity: Abend 4001

User response: None, informational message.

DRMU08-008I *type* NO VSAM, DBD *dbdname* IGNORED

Explanation: The member *dbdname* of the DBDLIB library has the non-VSAM organization *type* that is not supported. This DBD will be ignored.

Severity: Abend 4001

User response: None, informational message.

DRMU08-096E DBDLIB ALLOCATION ERROR *rc/rs*

Explanation: The dynamic allocation of the DBDLIB has failed. *rc* is the return code and *rs* the reason code. This message is preceded by message DRMU08-001E.

Severity: Abend 4001

User response: See the message DRMU08-001E. Also, use the return code and the reason code in the message to find the cause of the error and correct it.

DRMU08-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMU10-nnnX

DRMU10-001E PROBLEM OF READ RECON HEADER EXT 2. OFFSET NOT DEFINED

Explanation: An error was encountered when reading the RECON data set that corresponds to IMS Version 6.1

Severity: Abend 4001

User response: Check the LEVEL and RECONLIB parameters specified inside member DRMXIMSS of the parmlib and correct accordingly, or contact your IBM representative.

DRMU10-097E INTERRUPT BY NON- RECOVERABLE ERROR

Explanation: This message is following other messages that describe the encountered errors.

Severity: 4001

User response: Examine the previous messages, and correct accordingly.

Messages DRMU14-nnnX

DRMU14-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is following other messages that describe the encountered errors.

Severity: Abend 4001

User response: Examine the previous messages, and correct accordingly.

Messages DRMU16-nnnX

DRMU16-001E SQL PREPARE ERROR

Explanation: A DB2 error occurred during processing of a SQL PREPARE statement.

Severity: Abend 4001

User response: Examine the DB2 error message that follows, and perform the necessary corrections.

DRMU16-002I SQL EXECUTION WITH WARNING CONDITION

Explanation: A warning has been sent by DB2 during the processing of a SQL EXECUTE statement. The message issued by DB2 follows.

Severity: Abend 4001

User response: None, informational message.

DRMU16-003I SQL EXECUTION WITH NOT FOUND CONDITION

Explanation: The processing of an SQL EXECUTE statement returned the SQLCODE 100.

Severity: Abend 4001

User response: None, informational message.

DRMU16-004E SQL EXECUTION ERROR

Explanation: The processing of an SQL EXECUTE statement returned a negative SQLCODE.

Severity: Abend 4001

User response: Examine the DB2 error message which follows, and perform the necessary corrections.

DRMU16-005E INVALID DEFINE name

Explanation: Definition of erroneous ISPF variable.

Severity: Abend 4001

User response: Perform the necessary corrections.

DRMU16-006E ISPF/DB2 VARS/COLUMNS TABLE CREATE ERROR

Explanation: The creation of the ISPF table intended to contain the result of the request has been denied.

Severity: Abend 4001

User response: Correct accordingly.

DRMU16-007E SQL DESCRIBE ERROR

Explanation: A DB2 error occurred during processing of a SQL DESCRIBE statement.

Severity: Abend 4001

User response: Examine the DB2 error message which follows and perform the necessary corrections.

DRMU16-008E MAX COLUMN NAME COUNT REACHED

Explanation: The maximum number of columns accepted in a SQL SELECT statement has been reached.

Severity: Abend 4001

User response: Modify the SQL request.

DRMU16-009E TABLE name CREATE ERROR

Explanation: The creation of the ISPF table *name* has failed.

Severity: Abend 4001

User response: Correct accordingly.

DRMU16-010E SQL FETCH CURSOR ERROR

Explanation: A DB2 error occurred during processing of a SQL FETCH CURSOR statement.

Severity: Abend 4001

User response: Examine the DB2 error message which follows, and perform the necessary corrections.

DRMU16-011E SQL CLOSE CURSOR ERROR

Explanation: A DB2 error occurred during processing of a CLOSE SQL CURSOR.

Severity: Abend 4001

User response: Examine the DB2 error message which follows, and perform the necessary corrections.

DRMU16-012E SQL COMMIT ERROR

Explanation: A DB2 error occurred during processing of a SQL COMMIT statement.

Severity: Abend 4001

User response: Examine the DB2 error message which follows, and perform the necessary corrections.

DRMU16-013E SQL DECLARE CURSOR ERROR

Explanation: A DB2 error occurred during processing of a SQL DECLARE CURSOR statement.

Severity: Abend 4001

User response: Examine the DB2 error message which follows, and perform the necessary corrections.

DRMU16-014E SQL OPEN CURSOR ERROR

Explanation: A DB2 error occurred during processing of an SQL OPEN CURSOR statement.

Severity: Abend 4001

User response: Examine the DB2 error message which follows, and perform the necessary corrections.

DRMU16-015E DSNALI MODULE LOAD ERROR

Explanation: The DSNALI load module could not be loaded.

Severity: Abend 4001

User response: Verify the name of the DB2 load module library present in the DRMXDB2S member of the parmlib and the user authorizations on this library.

DRMU16-016E DSNHLI2 MODULE LOAD ERROR

Explanation: The DSNHLI2 load module could not be loaded.

Severity: Abend 4001

User response: Verify the name of the DB2 load module library specified in the DRMXDB2S member of the parmlib and the user authorizations on this library.

DRMU16-017E CONNECT TO DB2 ABORTED

Explanation: The connection to DB2 has failed. This message is preceded by messages DRMU16-094E and DRMU16-095E specifying the error.

Severity: Abend 4001

User response: See the messages DRMU16-094E and DRMU16-095E.

DRMU16-018E OPEN PLAN FOR DB2 ABORTED

Explanation: The opening of the Application Recovery Tool plan has failed. This message is preceded by the messages DRMU16-094E and DRMU16-095E specifying the error.

Severity: Abend 4001

User response: Verify the existence and the status of the Application Recovery Tool plan as well as the user authorizations on this plan, referring if necessary to installation information and to messages DRMU16-094E and DRMU16-095E.

DRMU16-021E DB2LIB *dsname* NOT ALLOCATED

Explanation: The DB2 load module library whose name appears in the DRMXDB2S member of the parmlib could not be dynamically allocated. This message is followed by the message DRMU16-096E specifying the error code.

Severity: Abend 4001

User response: Verify the name of the DB2 load module library present in the DRMXDB2S member of the parmlib, the user authorizations on this library, and the features of the data set.

DRMU16-022E DSNACAF MODULE LOAD ERROR

Explanation: The DSNACAF load module could not be loaded.

Severity: Abend 4001

User response: Verify the name of the DB2 load module library specified in the DRMXDB2S member of the parmlib and the user authorizations on this library.

DRMU16-023W DEADLOCK OR TIMEOUT DETECTED

Explanation: Processing of an SQL statement ended with SQLCODE -911. The message DRMU16-004E is following.

DRMU16-094E DB2 function ERROR *rc/rc*

Explanation: Processing of the function *function* (that is to say CONNECT, OPEN, CLOSE, or DISC) by DSNALI has returned the return code *rc*, given in decimal and then in hexadecimal. This message is followed by the message DRMU16-095E.

Severity: Abend 4001

User response: Examine the error code, and perform the necessary corrections.

DRMU16-095E FOR DB2ID *id* AND PLAN *name*

Explanation: This message completes the previous one, specifying the name *id* of the concerned DB2 and the name *name* of the concerned plan.

Severity: Abend 4001

User response: Perform the necessary corrections.

DRMU16-096E *ddname* ALLOCATION ERROR *rc/rs*

Explanation: The dynamic allocation of the data set whose *ddname* is *ddname* has failed. *rc* is the return code and *rs* the reason code. This message is preceded by the message DRMU16-021E.

Severity: Abend 4001

User response: See the message DRMU16-021E. Also, use the return code and the reason code in the message to find the cause of the error and correct it.

Messages DRMU20-nnnX

DRMU20-001E RECON ACCESS FAILED

Explanation: No RECON data set could be opened.

Severity: Abend 4001

User response: Verify the status of RECON data sets.

DRMU20-002E RECON CHANGE INVALIDATE THIS JOB RUN

Explanation: The competitive updates of the used RECON data set make the reading incoherent.

Severity: Abend 4001

User response: Verify the use of the RECON data set.

DRMU20-003E VSAM ERROR, RC=rc, SC=sc (DECIMAL)

Explanation: The processing of the RECON data set is stopped on a VSAM error whose return code is *rc* and the status code is *sc*.

Severity: Abend 4001

User response: Examine the VSAM error codes and perform the necessary corrections.

DRMU20-003E VSAM ERROR, RC=rc, SC=sc (DECIMAL)

Explanation: The processing of the RECON data set is stopped on a VSAM error whose return code is *rc* and the status code is *sc*.

Severity: Abend 4001

User response: Examine the VSAM error codes and perform the necessary corrections.

DRMU20-003E VSAM ERROR, RC=rc, SC=sc (DECIMAL)

Explanation: The processing of the RECON data set is stopped on a VSAM error whose return code is *rc* and the status code is *sc*.

Severity: Abend 4001

User response: Examine the VSAM error codes and perform the necessary corrections.

DRMU20-004I CURRENT COPY1 IS ddname: dsname

Explanation: This message indicates the name of the RECON data set that is read by Application Recovery Tool.

Severity: Abend 4001

User response: None, informational message.

DRMU20-005E ddname NOT FOUND

Explanation: The member *ddname* does not exist in the RECONLIB or its content is not the one you expect. The RECON data set *ddname* cannot be reached.

Severity: Abend 4001

User response: Verify the existence and the features of the member *ddname* of the RECONLIB, or the RECONLIB parameter specified in the DRMXIMSS member of the parmlib.

DRMU20-005I SPANNED RECORD SEGMENT UPDATE NUMBER IS INCONSISTENT, RETRY

Explanation: A VSAM error was encountered when reading the RECON data set. Return code=8, Status=140. The program tries to read again.

Severity: Abend 4001

User response: None, informational message.

DRMU20-006E ALLOCATION ERROR rc/rs FOR RECONLIB dsname SPECIFIED IN DRMXIMSS MEMBER OF PARMLIB

Explanation: The dynamic allocation of the RECONLIB data set whose *dsname* is *dsname* has failed. *rc* is the return code and *rs* the reason code.

Severity: Abend 4001

User response: Verify the existence and the features of the data set whose *dsname* is *dsname*, or the RECONLIB parameter specified in the DRMXIMSS member of the parmlib.

DRMU20-007I EODAD REACHED

Explanation: The processing of the RECON data set has reached the end of the dataset.

DRMU20-008E GET INFOS ERROR FOR ddname dsname

Explanation: The program encountered an error when trying to retrieve information about the RECON data set.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.

DRMU20-009E NO VALID RECON FOUND

Explanation: No RECON data set is active.

Severity: Abend 4001

User response: Verify the status of RECON data sets, and correct accordingly.

DRMU20-010E BUFFER BUILT FAILED

Explanation: A failure was encountered when allocating the buffers to read the RECON data set.

Severity: Abend 4001

User response: Examine the system messages that were issued in conjunction with the above message, or contact your IBM representative.

DRMU20-011E BUFFER DELETE FAILED

Explanation: A failure was encountered when freeing the buffers to read the RECON data set.

Severity: Abend 4001

User response: Examine the system messages that were issued in conjunction with the above message, or contact your IBM representative.

Messages DRMU21-nnnX

DRMU21-001E SYNTAX ERROR, BLANK LINE FOUND

Explanation: The command contains a syntax error: a blank line.

Severity: Abend 4001

User response: Correct accordingly.

DRMU21-001E SYNTAX ERROR, BLANK LINE FOUND

Explanation: The command contains a syntax error: a blank line.

Severity: Abend 4001

User response: Correct accordingly.

DRMU21-002I LINE IN ERROR: ...

Explanation: This message is issued when a syntax error occurs. It displays the line where the syntax error was detected.

Severity: None.

User response: Use the information to determine where the syntax error occurred.

DRMU21-002E SYNTAX ERROR, INVALID LABEL label

Explanation: A command can include a label, starting in column 1 and a maximum of 8 characters long. A blank has to separate this label from the command.

Severity: Abend 4001

User response: Correct the label, or insert a blank before the command.

DRMU21-002I LINE IN ERROR: line

Explanation: Specifies the line with the syntax error. The DRMU21-002I message is issued after message DRMU21-004E.

Severity: Abend 4001

User response: None, informational message.

DRMU21-003E SYNTAX ERROR, NO KEY FOUND

Explanation: The sign '=' was expected but has not been found.

Severity: Abend 4001

User response: A command is a sequence of assignments in the form KEY=xyz separated by commas. KEY is then a 'KEY' and xyz the value that is assigned to it.

DRMU21-003I CHANNEL NAME: parmlib member

Explanation: Specifies the name of the PARMLIB member that must be modified. The DRMU-003I message is issued after message DRMU21-004E.

Severity: Abend 4001

User response: None, informational message.

DRMU21-004E SYNTAX ERROR, INVALID KEYWORD IS key

Explanation: An invalid keyword has been detected.

Severity: Abend 4001

User response: Refer to the informational messages that are issued after the DRMU21-004E message. Then correct accordingly in the member that is mentioned in message DRMU21-003I.

DRMU21-005E SYNTAX ERROR, END OF LINE REACHED

Explanation: A line of command has to end either by a comma and a blank, indicating a continuation on the following line (the rest of the line is then ignored), or by a blank not preceded by a comma, indicating the end of the command. The absence of these characters forms a syntax error.

Severity: Abend 4001

User response: Perform the necessary corrections.

DRMU21-006E SYNTAX ERROR, NO VALUE GIVEN FOR KEYWORD key

Explanation: The value of the mandatory parameter *key* has not been entered.

Severity: Abend 4001

User response: Fill in the variable *key*.

DRMU21-007E SYNTAX ERROR, VALUE LENGTH TOO LARGE

Explanation: The value assigned to a variable is too long.

Severity: Abend 4001

User response: Perform the necessary corrections.

DRMU21-008E DEFINE ERROR, INVALID TYPE REACHED

Explanation: Type is not recognized by Application Recovery Tool.

Severity: Abend 4001

User response: Perform the necessary corrections.

DRMU21-009E SYNTAX ERROR, INVALID NUMERIC DATA data

Explanation: The value *data* assigned to a variable whose type is numeric is not numerical.

Severity: Abend 4001

User response: Correct the erroneous value.

DRMU21-010E SYNTAX ERROR, INVALID HEXADECIMAL DATA data

Explanation: The value *data* assigned to a variable whose type is hexadecimal is not hexadecimal.

Severity: Abend 4001

User response: Correct the erroneous value.

DRMU21-011E SYNTAX ERROR, NOT EVEN DIGITS HEXA DATA

Explanation: The value assigned to a variable whose type is hexadecimal includes an odd number of digits.

Severity: Abend 4001

User response: Correct the erroneous value.

DRMU21-012E SYNTAX ERROR, INVALID VALUE FOR KEYWORD key

Explanation: The value assigned to the variable *key* is invalid.

Severity: Abend 4001

User response: Consult the Application Recovery Tool documentation to find the values accepted by the variable *key*, and correct the erroneous value.

DRMU21-013E SYNTAX ERROR, INVALID CONTINUATION

Explanation: A continuation line has to begin with a blank: no label is authorized there.

Severity: Abend 4001

User response: Perform the necessary corrections.

DRMU21-014E SYNTAX ERROR, KEYWORD MISSING IS key

Explanation: The mandatory parameter *key* has not been specified.

Severity: Abend 4001

User response: Specify and fill in the mandatory parameter *key*.

DRMU21-016E SYNTAX ERROR, INVALID LIST TYPE VALUE FOR KEYWORD key

Explanation: The value assigned to the variable *key* begins with a parenthesis but a list of values is not accepted for this variable.

Severity: Abend 4001

User response: Suppress the parentheses and assign only one value to the variable *key*.

DRMU21-017E SYNTAX ERROR, INVALID END LIST REACHED

Explanation: The syntax of a list of values is incorrect. The list is empty or does not end by a closing parenthesis.

Severity: Abend 4001

User response: Perform the necessary corrections.

DRMU21-018E SYNTAX ERROR, INVALID SEPARATOR REACHED IS x

Explanation: An invalid separator has been found. The accepted separator is the comma (followed by a blank if there is a continuation). A blank not preceded by a comma indicates the end of the command.

Severity: Abend 4001

User response: Perform the necessary corrections.

DRMU21-019E SYNTAX ERROR, MAX COUNT LIST REACHED

Explanation: The maximum number of values in a list has been reached (this maximum varies according to variables).

Severity: Abend 4001

User response: Decrease the number of values in the list.

DRMU21-020E SYNTAX ERROR, USER KEYWORD VALUE INVALID FOR userkey

Explanation: The creation of the user variable *userkey* has failed.

Severity: Abend 4001

User response: Perform the necessary corrections.

DRMU21-021E SYNTAX ERROR, INVALID END STRING REACHED

Explanation: The beginning of a string of characters has been found but the end of this string has not been found.

Severity: Abend 4001

User response: Perform the necessary corrections.

| **DRMU21-022E SYNTAX ERROR, THE VALUE OF A**
| **PARAMETER MUST NOT EXCEED *mmm***
| **CHARACTERS**

| **Explanation:** A syntax error occurred due to the
| invalid length of a parameter. The parameter's value
| should not be greater than the indicated value.

| **Severity:** Abend 4001

| **User response:** Check additional message U21-002I to
| find the incorrect parameter value, and set the
| parameter with a valid value.

Messages DRMU25-*nnnX*

DRMU25-001E CS1RECON OPEN FAILED

Explanation: Error when opening the DRMRECON data set indicated in the DRMXIMSS member of the parmlib.

Severity: Abend 4001

User response: Verify the status of the data set and the user authorizations on this data set, and perform the necessary corrections.

DRMU25-002E DRMRECON CHANGE INVALIDATE THIS JOB RUN

Explanation: Competitive updates of the DRMRECON data set make the reading incoherent.

Severity: Abend 4001

User response: Verify the use of the CS1RECON data set.

DRMU25-003E VSAM ERROR, RC=*rc*, SC=*sc* (DECIMAL)

Explanation: The processing of the DRMRECON data set is stopped on a VSAM error whose return code is *rc* and the status code *sc*.

Severity: Abend 4001

User response: Examine VSAM error codes and correct accordingly.

DRMU25-006E ALLOCATION ERROR *rc/rs* FOR DRMRECON *dsname* SPECIFIED IN DRMXIMSS MEMBER OF PARMLIB

Explanation: The dynamic allocation of the DRMRECON data set whose *dsname* has failed. *rc* is the return code and *rs* the reason code.

Severity: Abend 4001

User response: Verify the existence and the features of the data set whose *dsname* is *dsname*.

DRMU25-007E UNPREDICTABLE EODAD REACHED

Explanation: The processing of the DRMRECON data set has been interrupted by the unpredictable end of the data set.

Severity: Abend 4001

User response: Verify the status of the DRMRECON data set and the competitive accesses to this data set.

DRMU25-008E DRMRECON OPEN FAILED, 8/168, RETRY

Explanation: A failure was encountered when opening the DRMRECON VSAM data set; a return code of 8 and a reason code of 168 are issued (refer to the IBM DFSMS/MVS Macro Instructions for Data Sets manual).

Application Recovery Tool will wait for 10 seconds and then try again to open the data set. After 5 trials without any success the function will abend.

Severity: none

User response: Check the use of the DRMRECON data set (all other Application Recovery Tool jobs or backup jobs like DFDSS).

Messages DRMU26-nnnX

DRMU26-001E DB SEARCH ERROR

Explanation: An error occurred during the search in the RECON data set of records related to the database whose DBD is *dbdname* specified in the preceding message. The messages DRMU26-001I and DRMU26-001E are preceded by the message DRMU20-003E containing the VSAM error codes.

Severity: Abend 4001

User response: Examine VSAM error codes in message DRMU20-003E, and perform the necessary corrections.

DRMU26-001I DBD *dbdname*

Explanation: Precedes the message DRMU26-001E and specifies the name *dbdname* of the concerned DBD.

Severity: Abend 4001

User response: None, informational message.

Messages DRMU27-nnnX

DRMU27-001E DBDS SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to the DBDS whose DBD and DDN are specified in the preceding message. The messages DRMU27-001I and DRMU27-001E are preceded by the message DRMU20-003E containing the VSAM error codes.

Severity: Abend 4001

User response: Examine VSAM error codes in message DRMU20-003E, and perform the necessary corrections.

DRMU27-001I DBD dbdname DDN ddname

Explanation: This message is issued in conjunction with another DRMU27-message. It specifies the DBD *dbdname* and the ddname *ddname* of the current search.

Severity: Abend 4001

User response: None, informational message.

DRMU27-002E DBDS ADS COUNT TOO BIG (>7)

Explanation: The maximum number of ADS of a DEDB database supported by Application Recovery Tool is 7.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMU27-002I DBD dbdname DDN ddname NON-RECOVERABLE.

Explanation: The database whose DBD is *dbdname* and ddname *ddname* is defined in DBRC as 'non-recoverable'. It will not be processed by Application Recovery Tool.

Severity: Abend 4001

User response: None, informational message.

DRMU27-003I DBD dbdname DDN ddname DATA SET NOT FOUND

Explanation: The dataset attached to the data base whose DBD is *dbdname* and ddname *ddname* is not referenced in the RECON data set.

Severity: Abend 4001

User response: None, informational message.

Messages DRMU28-nnnX

DRMU28-001E IC SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to data base image copies, according to criteria specified in the preceding message DRMU28-001I. Messages DRMU28-001I and DRMU28-001E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine VSAM error codes, verify the consistency of the search criteria, then perform the necessary corrections.

DRMU28-001I DBD *dbdname* DDN *ddname* TSLIM timestamp

Explanation: This message is issued in conjunction with another DRMU28-message. It specifies the DBD *dbdname*, the *ddname ddname* and the timestamp *timestamp* of the current search.

Severity: Abend 4001

User response: None, informational message.

DRMU28-002E IC REACHED WITH INVALID VOLLIST COUNT

Explanation: The record related to the image copy found in the RECON data set specifies an empty or erroneous list of volumes.

Severity: Abend 4001

User response: List the RECON to verify the record related to this image copy.

DRMU28-003E IC MAX VOL LIST COUNT REACHED. (MAX=20)

Explanation: The image copy found has more than 20 volumes referenced in the RECON data set. Application Recovery Tool processes only 20 volumes.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMU28-004E ALLOC SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to databases allocations, according to the criteria specified in the preceding message DRMU28-001I. Messages DRMU28-001I and DRMU28-004E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMU28-005E RECON CHANGE INVALIDATE THIS RUN

Explanation: Competitive updates of the RECON data set used result in inconsistent reading.

Severity: Abend 4001

User response: Verify the use of the RECON data set.

DRMU28-006E RECOVERY SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to the recovery of databases, according to the criteria specified in the preceding message DRMU28-001I. Messages DRMU28-001I and DRMU28-006E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMU28-007E REORG SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to the reorganization of databases, according to the criteria specified in the preceding message DRMU28-001I. Messages DRMU28-001I and DRMU28-007E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMU28-008E OIC START AND END USE DATE SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to database allocations in the time interval corresponding to OIC, according to the criteria specified in the preceding message DRMU28-001I. Messages DRMU28-001I and DRMU28-008E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

**DRMU28-009E HSSP IC REACHED BUT NOT
SUPPORTED BY APPLICATION
RECOVERY TOOL**

Explanation: The image copies whose type is HSSP are not processed by Application Recovery Tool.

Severity: Abend 4001

User response: Perform the necessary corrections.

Messages DRMU29-nnnX

DRMU29-001E CA SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to the change accum of databases, according to the criteria specified in the preceding message DRMU29-001I. Messages DRMU29-001I and DRMU29-001E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMU29-001I DBD *dbdname* DDN *ddname* TSLIM timestamp

Explanation: This message is issued in conjunction with another DRMU29-message. It specifies the DBD *dbdname*, the ddname *ddname* and the timestamp *timestamp* of the current search.

Severity: Abend 4001

User response: None, informational message.

DRMU29-002E ALLOC SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to database allocations, according to the criteria specified in the preceding message DRMU29-001I. Messages DRMU29-001I and DRMU29-002E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMU29-003E DBDS NOT FOUND IN CAGRP *cagrname*

Explanation: The CAGROUP *cagrname* does not contain the DBDS searched for.

Severity: Abend 4001

User response: Verify the RECON data set.

DRMU29-004E CA REACHED WITH INVALID VOLLIST COUNT

Explanation: The record related to the change accum found in the RECON data set specifies an empty or erroneous volume list.

Severity: Abend 4001

User response: List the RECON to verify the record related to this change accum.

DRMU29-005E CA MAX VOL LIST COUNT REACHED. (MAX=20)

Explanation: The change accum found has more than 20 volumes referenced in the RECON data set; Application Recovery Tool processes only 20 volumes.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMU29-006E RECON CHANGE, INVALIDATE OPERATION

Explanation: Competitive updates of the RECON data set used result in inconsistent reading.

Severity: Abend 4001

User response: Verify the use of the RECON data set.

DRMU29-007E CAGRP DB COUNT NOT >0

Explanation: A CAGROUP containing no database has been found.

Severity: Abend 4001

User response: Verify the RECON data set.

DRMU29-008E RECOV SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to the recovery of databases, according to the criteria specified in the preceding message DRMU29-001I. Messages DRMU29-001I and DRMU29-008E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

Messages DRMU30-nnnX

DRMU30-001E ALLOC SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to database allocations, according to the criteria specified in the preceding message DRMU30-001I. Messages DRMU30-001I and DRMU30-001E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMU30-001I DBD *dbdname* DDN *ddname* TSLIM timestamp

Explanation: This message is issued in conjunction with another DRMU30-message. It specifies the DBD *dbdname*, the *ddname*, and the timestamp *timestamp* of the current search.

Severity: Abend 4001

User response: None, informational message.

DRMU30-002E RECOV SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to the recovery of databases, according to the criteria specified in the preceding message DRMU30-001I. Messages DRMU30-001I and DRMU30-002E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMU30-005E PRILOG SEARCH ERROR

Explanation: An error occurred when searching records relative to the PRILOG in the RECON data set. Refer to message DRMU20-003E that describes the encountered VSAM error which is issued prior to messages —001I and —005E.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then make the necessary corrections.

Messages DRMU31-nnnX

DRMU31-001E VIC SEARCH ERROR

Explanation: An error has occurred during the search in the DRMRECON data set of VIC points satisfying to the criteria specified in the preceding message DRMU31-001I. Messages DRMU31-001I and DRMU31-001E are preceded by DRMU25 error messages that specify the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMU31-001I DBD *dbdname* DDN *ddname* TSLIM timestamp

Explanation: This message is issued in conjunction with DRMU31-001E. It specifies the DBD *dbdname*, the *ddname* and the timestamp *timestamp* of the current search: search of the most recent VIC point earlier than the specified timestamp.

Severity: Abend 4001

User response: None, informational message.

Messages DRMU35-nnnX

DRMU35-001E PRILOG SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to the PRILOG, according to the criteria specified in the preceding message DRMU35-001I. Messages DRMU35-001I and DRMU35-001E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMU35-001I PRILOG TS timestamp

Explanation: This message is issued in conjunction with another DRMU35-message. It specifies the timestamp *timestamp* of the current search.

Severity: Abend 4001

User response: None, informational message.

DRMU35-002E PRILOG NOT FOUND

Explanation: The PRILOG with the start timestamp indicated in the preceding message is not referenced in the RECON.

Severity: Abend 4001

User response: Verify the RECON data set.

DRMU35-002I IT IS ASSUMED CLOSED BECAUSE BACKUP = Y IN DRMXIMSS PARMLIB MEMBER

Explanation: This message follows U35-005E. It indicates that in spite of the anomaly described in DRMU35-005E, no abend will be issued and Application Recovery Tool will attempt to continue, because BACKUP=Y has been specified in DRMXIMSS parmlib member.

Severity: Abend 4001

User response: None, informational message.

DRMU35-003E LOG REACHED WITH INVALID VOLLIST COUNT

Explanation: The record related to the PRILOG found in the RECON data set specifies an empty or erroneous volume list.

Severity: Abend 4001

User response: List the RECON to verify the record related to the PRILOG.

DRMU35-004E LOG MAX VOL LIST COUNT REACHED. (MAX=20)

Explanation: The PRILOG has more than 20 volumes referenced in the RECON data set. Application Recovery Tool processes only 20 volumes.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMU35-005E LOG REACHED WITH STOPTIME = 0 IS NOT THE LAST ONE

Explanation: A PRILOG has been reached with stoptime 0, yet further reading of the RECON found a next PRILOG for the same IMS system. An abend 4001 normally results from this anomaly, but it can be overridden in exceptional situations by adding BACKUP=Y in the description of this IMS system in parmlib member DRMXIMSS.

Severity: Abend 4001

User response: Examine carefully the state of the IMS system in anomaly, or contact your IBM representative.

DRMU35-006I LOG REACHED IS NOT CLOSED, IT CORRESPONDS TO ssidname jobstate BATCH

Explanation: A PRILOG has been reached with stoptime 0; it has been found to be associated to the batch SSID *ssidname* whose state is described by *jobstate*: DELETED if no record in RECON describes this SSID; ABENDED if the SSID record found in RECON says so; blank otherwise.

Severity: Abend 4001

User response: None, informational message.

DRMU35-007E SECLOG SEARCH ERROR

Explanation: An error was encountered when trying to find records related to SECLOG inside the RECON data set. Refer to the previous message DRMU35-001I that specifies the search criteria. The message DRMUT20-003E issued previously to messages DRMU35-001I and DRMU35-001E indicates the encountered VSAM error.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of the search criteria, and correct accordingly.

DRMU35-008I LOG ON ERROR dsname

Explanation: The "log in error" flag is set in RECON for log data set *dsname*.

Severity: Abend 4001

User response: None, informational message.

DRMU35-009E SECLOG NOT FOUND

Explanation: xxxxx

Severity: Abend 4001

User response: Check the RECON data set.

**DRMU35-097E INTERRUPT BY NON-
RECOVERABLE ERROR**

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMU38-nnnX

DRMU38-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: The messages issued previously to the above message describe the encountered messages.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.

Messages DRMU39-nnnX

DRMU39-001E INVALID IMS ENVIRONMENT
DETECTED FOR THE CURRENT
FUNCTION (PASSWORD PROBABLY
RESTRICTED TO DB2).

Explanation: The IMS environment is not initialized.

Severity: Abend 4001

User response: Verify that your installation has installed the entire Application Recovery Tool product. Otherwise, contact your IBM representative.

| **DRMU39-003E** DL/I STATUS CODE n ON
| SEND/RECEIVE WITH BUFFER:
| **ims-command**

| **Explanation:** An error was encountered when
| processing the AOP interface (ASMTDLI) within the
| IMS transaction manager environment (TP).

| **Severity:** Abend 4001

| **User response:** Examine the IMS system where this
| error was encountered, or contact your IBM
| representative.

| **DRMU39-004E** DL/I RETURN CODE..., REASON
| CODE...: ON SEND/RECEIVE WITH
| BUFFER: **ims-command**

| **Explanation:** An error was encountered when
| processing the AOP interface (AIBTDLI) within the
| DBCTL environment (coded in the IMSIDS member of
| the parmlib).

| **Severity:** Abend 4001

| **User response:** Examine the DBCTL and IMS
| environments where this error was encountered, or
| contact your IBM representative.

Messages DRMU40-nnnX

**DRMU40-001E PROBLEM COMPLEXITY TOO BIG.
RESOURCES EXHAUSTED. TRY WITH
A SMALLER SET OF DEDBS.**

Explanation: The number of DEDB databases is limited to 100 000.

Severity: Abend 4001

User response: Modify the value of the DB parameter in order to work on a smaller number of databases.

**DRMU40-001I NO DB FOUND IN RECON FOR db
SEARCH ARGUMENT**

Explanation: No database was found in the RECON data set corresponding to the selection criterion *db* specified in the DB parameter.

Severity: Abend 4001

User response: None, informational message.

**DRMU40-004I DBD xxxxxxxx : QUIESCE IN
PROGRESS**

Explanation: This message is issued when FLUSH=Y or FLUSH=N is specified. The xxxxxxxx database is in QUIESCE IN PROGRESS. The DRMINIT function or DRMVIC function cannot be executed with this database.

Severity: None.

User response: None.

**DRMU40-004W DBD xxxxxxxx : QUIESCE IN
PROGRESS**

Explanation: This message is issued when FLUSH=W is specified. The xxxxxxxx database is in QUIESCE IN PROGRESS. The DRMIC, DRMCA, or DRMRECOV function cannot be executed with this database.

Severity: 4.

User response: None.

DRMU40-005I DBD xxxxxxxx : QUIESCE HELD

Explanation: This message is issued when FLUSH=Y or FLUSH=N is specified. The xxxxxxxx database is in QUIESCE HELD. The DRMINIT function cannot be executed with this database.

Severity: None.

User response: None.

DRMU40-005W DBD xxxxxxxx : QUIESCE HELD

Explanation: This message is issued when FLUSH=W is specified. The xxxxxxxx database is in QUIESCE

HELD. The DRMCA or DRMRECOV function cannot be executed with this database.

Severity: 4.

User response: None.

**DRMU40-006I PART xxxxxxxx (MASTER HALDB
yyyyyyyy) : QUIESCE IN PROGRESS**

Explanation: This message is issued when FLUSH=Y or FLUSH=N is specified. The xxxxxxxx partition of the HALDB yyyyyyy database is in QUIESCE IN PROGRESS. The DRMINIT or DRMVIC function cannot be executed with this database.

Severity: None.

User response: None.

**DRMU40-006W PART xxxxxxxx (MASTER HALDB
yyyyyyyy) : QUIESCE IN PROGRESS**

Explanation: This message is issued when FLUSH=W is specified. The xxxxxxxx partition of the yyyyyyy HALDB database is in QUIESCE IN PROGRESS. The DRMIC, DRMCA, or DRMRECOV function cannot be executed with this database.

Severity: 4.

User response: None.

**DRMU40-007I PART xxxxxxxx (MASTER/HALDB
yyyyyyyy) : QUIESCE HELD**

Explanation: This message is issued when FLUSH=Y or FLUSH=N is specified. The xxxxxxxx partition of the yyyyyyy HALDB database is in QUIESCE HELD. The DRMINIT function cannot be executed with this database.

Severity: None.

User response: None.

**DRMU40-007W PART xxxxxxxx (MASTER/HALDB
yyyyyyyy) : QUIESCE HELD**

Explanation: This message is issued when FLUSH=W is specified. The xxxxxxxx partition of the yyyyyyy HALDB database is in QUIESCE HELD. The DRMCA or DRMRECOV function cannot be executed with this database.

Severity: None.

User response: None.

**DRMU40-008I DEDB xxxxxxxx AREA yyyyyyy :
QUIESCE IN PROGRESS**

Explanation: This message is issued when FLUSH=Y

| or FLUSH=N is specified. The AREA yyyyyyyy of the
| DEDB database xxxxxxxx is in QUIESCE IN
| PROGRESS. The DRMINIT or DRMVIC function
| cannot be executed with this database.

| **Severity:** None.

| **User response:** None.

| **DRMU40-008W DEDB xxxxxxxx AREA yyyyyyyy :**
| **QUIESCE IN PROGRESS**

| **Explanation:** This message is issued when FLUSH=W
| is specified. The AREA yyyyyyyy of the DEDB
| database xxxxxxxx is in QUIESCE IN PROGRESS. The
| DRMIC, DRMCA, or DRMRECOV function cannot be
| executed with this database.

| **Severity:** 4.

| **User response:** None.

| **DRMU40-009I DEDB xxxxxxxx AREA yyyyyyyy :**
| **QUIESCE HELD**

| **Explanation:** This message is issued when FLUSH=Y
| or FLUSH=N is specified. The AREA yyyyyyyy of the
| DEDB database xxxxxxxx is in QUIESCE HELD. The
| DRMINIT function cannot be executed with this
| database.

| **Severity:** None.

| **User response:** None.

| **DRMU40-009W DEDB xxxxxxxx AREA yyyyyyyy :**
| **QUIESCE HELD**

| **Explanation:** This message is issued when FLUSH=W
| is specified. The AREA yyyyyyyy of the DEDB
| database xxxxxxxx is in QUIESCE HELD. The DRMCA
| or DRMRECOV function cannot be executed with this
| database.

| **Severity:** 4.

| **User response:** None.

| **DRMU40-020E ONE DB AT LEAST HAS QUIESCE**
| **IN PROGRESS FLAG**

| **Explanation:** At least one of the databases or areas
| that were processed in the function is listed in either
| DRMU40-004I or DRMU40-006I. For the DRMINIT and
| DRMVIC functions, processing stops. For the DRMIC,
| DRMCA, and DRMRECOV functions, this message is
| issued because FLUSH=Y is specified.

| **Severity:** Abend 4001.

| **User response:** Wait until the QUIESCE is complete
| and run the job again.

| **DRMU40-021E ONE DB AT LEAST HAS QUIESCE**
| **HELD FLAG**

| **Explanation:** At least one of the databases or areas
| that were processed in the function is listed in either
| DRMU40-005I or DRMU40-007I. For the DRMINIT and
| DRMVIC functions, processing stops. For the DRMIC,
| DRMCA, and DRMRECOV functions, this message is
| issued because FLUSH=Y is specified.

| **Severity:** Abend 4001.

| **User response:** Issue the STOP(QUIESCE) command
| to stop the QUIESCE operation and run the job again.

Messages DRMU41-nnnX

DRMU41-001E NO IC FOUND FOR DB *dbname*
DDN *ddname* BEFORE YYQQQ
DD/MM/YY HH:MM:SS.D

Explanation: No image copy of the database with DBD *dbname* and ddname *ddname* earlier than the specified date could be found.

Severity: Abend 4001

User response: Verify the planning of image copies.

Messages DRMU43-nnnX

**DRMU43-001E ONLINE LOG SEARCH ERROR FOR
ssid**

Explanation: An error has occurred during the search in the RECON data set of records related to the online log of the IMS system *ssid*. This message is preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

Messages DRMU44-nnnX

DRMU44-001I ***WAIT MODE ENTERED DURING
hh:mm:ss.dc (HH:MM:SS.DC) AT TIME
hh:mm:ss.d

Explanation: This message indicates the start time and intervals of the wait mode and is issued on a regular basis by the Application Recovery Toolgenerating job while supervising the process of the job it has prepared and submitted.

Severity: Abend 4001

User response: None, informational message.

Messages DRMU53-nnnX

**DRMU53-001E PROBLEM COMPLEXITY TOO BIG.
RESOURCES EXHAUSTED. TRY WITH
A SMALLER SET OF DB.**

Explanation: The number of ISPF work tables has reached 10000000. Application Recovery Tool can no longer ensure processing.

Severity: Abend 4001

User response: Modify the command to decrease the number of databases to process.

DRMU53-002E PRILOG SEARCH ERROR

Explanation: An error was encountered when searching records relative to the PRILOG in the RECON data set. The message DRMU02-003 describes the encountered VSAM error and is issued prior to message DRMU53-002E.

Severity: Abend 4001

User response: Examine the VSAM error codes, check the search criteria consistency, and correct accordingly.

**DRMU53-097E INTERRUPT BY NON-
RECOVERABLE ERROR**

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMU55-nnnX

DRMU55-001E REORG SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to the reorganization of databases, according to the criteria specified in the preceding message DRMU55-001I. Messages DRMU55-001I and DRMU55-001E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMU55-001I DBD *dbdname* DDN *ddname* TSLIM timestamp

Explanation: This message is issued in conjunction with another DRMU55-message. It specifies the DBD *dbdname*, the ddname *ddname* and the timestamp *timestamp* of the current search.

Severity: Abend 4001

User response: None, informational message.

DRMU55-002E RECOV SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to the recovery of databases, according to the criteria specified in the preceding message DRMU55-001I. Messages DRMU55-001I and DRMU55-002E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

Messages DRMU56-nnnX

DRMU56-001E RECOV SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to the recovery of databases, according to the criteria specified in the preceding message DRMU56-001I. Messages DRMU56-001I and DRMU56-001E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMU56-001I DBD *dbdname* DDN *ddname* TSLIM timestamp

Explanation: This message is issued in conjunction with another DRMU56-message. It specifies the DBD *dbdname*, the ddname *ddname* and the timestamp *timestamp* of the current search.

Severity: Abend 4001

User response: None, informational message.

Messages DRMU57-nnnX

DRMU57-001E ALLOC SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to allocations of databases, according to the criteria specified in the preceding message DRMU57-001I. Messages DRMU57-001I and DRMU57-001E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMU57-001I DBD *dbdname* DDN *ddname* TSLIM timestamp

Explanation: This message is issued in conjunction with another DRMU57-message. It specifies the DBD *dbdname*, the ddname *ddname* and the timestamp *timestamp* of the current search.

Severity: Abend 4001

User response: None, informational message.

Messages DRMU60-nnnX

DRMU60-001E VIC WRITE ERROR

Explanation: An error has occurred while writing to the DRMRECON data set the VIC point information specified in the preceding message DRMU60-001I. Messages DRMU60-001I and DRMU60-001E are preceded by DRMU25 error messages that specify the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, and perform the necessary corrections.

DRMU60-001I DBD *dbdname* DDN *ddname* TS timestamp

Explanation: This message is issued in conjunction with another DRMU60-message. It specifies the DBD *dbdname*, the *ddname* and the the timestamp *timestamp* of the VIC point which has failed.

Severity: Abend 4001

User response: None, informational message.

DRMU60-002E VIC SCAN BACKWARD ERROR

Explanation: An error has occurred while reading the DRMRECON data set as a part of the realization of the VIC point specified in the preceding message DRMU60-001I. Messages DRMU60-001I and DRMU60-002E are preceded by DRMU25 error messages that specify the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, and perform the necessary corrections.

DRMU60-003E VIC DELETE ERROR

Explanation: An error has occurred while deleting a record from the DRMRECON data set before the realization of the VIC point specified in the preceding message DRMU60-001I. Messages DRMU60-001I and DRMU60-003E are preceded by DRMU25 error messages that specify the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, and perform the necessary corrections.

Messages DRMU61-nnnX

**DRMU61-001E RESERVE ERROR ON CS1RECON
DEVICE RC *rc***

Explanation: The request to take exclusive control of the DRMRECON data set has been denied with return code *rc*.

Severity: Abend 4001

User response: Verify current allocations on the DRMRECON data set and the return code indicated. Then perform the necessary corrections.

Messages DRMU62-nnnX

DRMU62-001E DEQ ERROR ON CS1RECON
DEVICE RC *rc*

Explanation: The request to release exclusive control of the DRMRECON data set has been denied with return code *rc*.

Severity: Abend 4001

User response: Verify current allocations on the DRMRECON data set and the return code indicated. Then, perform the necessary corrections.

Messages DRMU63-nnnX

DRMU63-001E VIC SEARCH ERROR

Explanation: An error has occurred during the search in the DRMRECON data set of a VIC point responding to the criteria specified in the preceding message DRMU63-001I. Messages DRMU63-001I and DRMU63-001E are preceded by DRMU25 error messages that specify the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes and verify the consistency of search criteria. Then, perform the necessary corrections.

DRMU63-001I DBD *dbdname* DDN *ddname* TSLIM timestamp

Explanation: This message comes with DRMU63-001E. It specifies the DBD *dbdname*, the ddname *ddname* and the timestamp *timestamp* of the current search: search of the first VIC point later than the specified timestamp.

Severity: Abend 4001

User response: None, informational message.

Messages DRMU64-nnnX

DRMU64-001E ALLOC SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to database allocations, according to the criteria specified in the preceding message 001I. Messages 001I and 001E are preceded by message U20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes and verify the consistency of search criteria. Then, perform the necessary corrections.

DRMU64-001I DBD dbdname DDN ddname TSLIM tslim

Explanation: This message is issued in conjunction with another DRMU64-message. It specifies the DBD *dbdname*, the ddname *ddname* and the timestamp *timestamp* of the current search.

Severity: Abend 4001

User response: None, informational message.

DRMU64-002E PRILOG SEARCH ERROR

Explanation: An error occurred when searching records relative to the PRILOG in the RECON data set. Refer to message DRMU20-003E that describes the encountered VSAM error which is issued prior to messages —001I and —005E.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then make the necessary corrections.

DRMU64-097E INTERRUPT BY NON- RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMU65-nnnX

DRMU65-001E DRMXPROD MEMBER OF PARMLIB ALLOCATION ERROR *rc/rs*

Explanation: The dynamic allocation of the DRMXPROD member of the parmlib has failed. *rc* is the return code and *rs* the reason code.

Severity: Abend 4001

User response: Verify the existence and the features of the DRMXPROD member of the parmlib used, whose name appears in the next message DRMU65-006E.

User response: Verify the syntax of the DRMXPROD member of the parmlib used, whose name appears in the next message DRMU65-006E.

DRMU65-002E FUNCTION *function* ENTRY NOT FOUND IN PARMLIB MEMBER DRMXPROD.

Explanation: The function *function* requested is not in the function list of the DRMXPROD member of the parmlib.

Severity: Abend 4001

User response: Verify the name of the requested function and the DRMXPROD member of the parmlib used, whose name appears in the next message DRMU65-006E.

DRMU65-006E THE PARMLIB IS *dsname* (REQUEST *function*)

Explanation: This message comes with another DRMU65-message. It specifies the *dsname* of the parmlib used and the name *function* of the requested function.

Severity: Abend 4001

User response: Refer to the previous error message.

DRMU65-007E DRMXPROD MEMBER OF PARMLIB NOT FOUND

Explanation: The DRMXPROD member does not exist in the parmlib used.

Severity: Abend 4001

User response: Verify the name of the parmlib used, indicated in the following message DRMU-006E, or restore the DRMXPROD member of the parmlib from the DRMKDEFP member.

DRMU65-008E THE ERROR HAS OCCURRED DURING A SCAN OF THE DRMXPROD MEMBER. EDIT IT, CORRECT THE ERROR AND RETRY.

Explanation: An error has occurred while reading the DRMXPROD member of the parmlib used.

Severity: Abend 4001

Messages DRMU68-nnnX

DRMU68-001E SYSIDS MEMBER OF PARMLIB ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of the SYSIDS member of the parmlib has failed. *rc* is the return code and *rs* the reason code.

Severity: Abend 4001

User response: Verify the existence and the features of the SYSIDS member of the parmlib used.

Severity: Abend 4001

User response: Correct the syntax of the DRMXSYSS member of the parmlib used.

DRMU68-002E SYSID sysid ENTRY NOT FOUND IN PARMLIB MEMBER DRMXSYSS. ADD IT IN DRMXSYSS MEMBER OR VERIFY THE MVS SYSID WHERE YOUR HAVE RUN THE PRODUCT.

Explanation: The MVS system whose name is *sysid* is not described in the DRMXSYSS member of the parmlib used.

Severity: Abend 4001

User response: Verify the name of the MVS system that does the processing or add this name to the DRMXSYSS member of the parmlib used.

DRMU68-003E DRMXSYSS MEMBER OF PARMLIB NOT FOUND

Explanation: The DRMXSYSS member does not exist in the used parmlib.

Severity: Abend 4001

User response: Verify the name of the parmlib used, or restore the DRMXSYSS member of the parmlib from the DRMKDEFS member.

DRMU68-005E SYSID sysid ENTRY IN ERROR IN PARMLIB MEMBER DRMXSYSS: EDIT THE DRMXSYSS MEMBER, CORRECT THE ERROR AND RETRY.

Explanation: The description of the MVS system *sysid* inside member DRMXSYSS of the parmlib that is used contains a syntax error.

Severity: Abend 4001

User response: Correct the syntax of member DRMXSYSS.

DRMU68-007E SYSID sysid ENTRY IN ERROR IN PARMLIB MEMBER DRMXSYSS. EDIT THE DRMXSYSS MEMBER, CORRECT THE ERROR AND RETRY.

Explanation: The description of the MVS system whose name is *sysid* in the DRMXSYSS member of the parmlib used contains a syntax error.

Messages DRMU69-nnnX

DRMU69-001E DRMXIMSS MEMBER OF PARMLIB ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of the DRMXIMSS member of the parmlib has failed. *rc* is the return code and *rs* the reason code.

Severity: Abend 4001

User response: Verify the existence and the features of the DRMXIMSS member of the parmlib used.

DRMU69-002E IMSID *imsid* ENTRY NOT FOUND IN PARMLIB MEMBER DRMXIMSS.

Explanation: The IMS system *imsid* is not described in the DRMXIMSS member of the parmlib used. This message is followed by message DRMU69-004E in TP, by message DRMU69-005E in batch processing.

Severity: Abend 4001

User response: Refer to message DRMU69-004E.

DRMU69-003E PSB/TRN LIST COUNT MAX EXHAUSTED

Explanation: The PSB list specified in the DRMXIMSS member of the parmlib used (PSBNAME parameter) is limited to 100000 elements, the transactions list (TRNNAME) also.

Severity: Abend 4001

User response: Verify the DRMXIMSS member of the parmlib.

DRMU69-004E VERIFY YOUR USER PROdataset USING THE "USER PROdataset CONFIGURATION" ENTRY.

Explanation: This message follows message DRMU69-002E in TP.

Severity: Abend 4001

User response: Verify the name of the IMS system that does the processing specified in the user prodataset, using the option "user prodataset configuration" of the Application Recovery Tool main menu, and modify it or add it to the DRMXIMSS member of the parmlib used.

DRMU69-005E VERIFY THE PARM EXEC IMSID VALUE OR SEE THE DEFAULT VALUE IN THE DRMXSYSS MEMBER OF CURRENT PARMLIB.

Explanation: This message follows message DRMU69-002E in batch processing.

Severity: Abend 4001

User response: Verify the name of the IMS system that does the processing specified in the PARM field of the EXEC card in the form (Ī,,IMSID,'*imsid*'Ī,,,) and modify it or add it to the DRMXSYSS member of the parmlib used. If the EXEC card does not specify the IMSID parameter, verify the default name of the IMS system indicated in the DRMXSYSS member of the parmlib (DEFIMSID parameter).

DRMU69-007E DRMXIMSS MEMBER OF PARMLIB NOT FOUND

Explanation: The DRMXIMSS member does not exist in the parmlib used.

Severity: Abend 4001

User response: Verify the name of the parmlib used, or restore the DRMXIMSS member of the parmlib from the DRMKDEFI member.

DRMU69-008E IMSID *imsid* ENTRY IN ERROR IN PARMLIB MEMBER DRMXIMSS: EDIT THE DRMXIMSS MEMBER, CORRECT THE ERROR AND RETRY.

Explanation: The description of the IMS system whose name is *imsid* in the DRMXIMSS member of the parmlib used contains a syntax error.

Severity: Abend 4001

User response: Correct the syntax of the DRMXIMSS member of the parmlib used.

Messages DRMU71-nnnX

DRMU71-001I THE JOB *jobname* HAS BEEN
SUBMITTED

Explanation: This message indicates that the Application Recovery Tool generating job has generated JCL to process the requested tasks and has submitted the JCL using the name *jobname*.

Severity: Abend 4001

User response: None, informational message.

Messages DRMU72-nnnX

DRMU72-001E SKELETON *skelname* ERROR

Explanation: The JCL generation (data set tailoring) from the JCL skeleton contained in the member *skelname* of the parmlib used has failed.

Severity: Abend 4001

User response: Correct the skeleton *skelname*

DRMU72-001I SKELETON MEMBER *skelname* HAS BEEN TAILORED:

Explanation: This message indicates that the data set tailoring of the JCL skeleton in member *skelname* of the parmlib has been performed successfully.

Severity: Abend 4001

User response: None, informational message.

DRMU72-002E SKELETON *skelname* NOT FOUND

Explanation: The member *skelname* searched for does not exist in the parmlib used.

Severity: Abend 4001

User response: Verify the name of the skeleton, the name of the parmlib used, or restore the skeleton searched for.

DRMU72-003E SKELETON *skelname* JOB *jobname* SUBMIT ERROR

Explanation: The JCL generated from the skeleton *skelname* with the job name *jobname* could not be submitted.

Severity: Abend 4001

User response: Correct the skeleton *skelname* of the parmlib used.

DRMU72-096E *ddname* ALLOCATION ERROR *rc/rs*

Explanation: The dynamic allocation of the data set whose *ddname* is *ddname* has failed; *rc* is the return code and *rs* the reason code.

Severity: Abend 4001

User response: Verify the existence and the features of the data set whose *ddname* is *ddname*. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and to correct it.

Messages DRMU73-nnnX

DRMU73-001E CLIST name ERROR

Explanation: Processing of the CLIST *name* has failed.

Severity: Abend 4001

User response: Correct the CLIST *name*.

DRMU73-002E CLIST name NOT FOUND

Explanation: The member *name* does not exist in any DRMXULIB, DRMXPLIB, DRMURLIB libraries (in search order).

Severity: Abend 4001

User response: Perform the necessary corrections.

DRMU73-003E CLIST OR REXX name NOT FOUND

Explanation: The member *name* does not exist in any DRMXULIB, DRMXPLIB, DRMURLIB, DRMEXLIB libraries (in search order).

Severity: Abend 4001

User response: Perform the necessary corrections.

Messages DRMU74-nnnX

DRMU74-001I NOTHING TO DO FOR THIS
PARAMETER SET NO IMAGE COPIES
TO DELETE

Explanation: No image copy of the selected table spaces is found for deletion considering the values specified within parameters RDAY5 and FICMAX to fix the recovery conditions.

Severity: Abend 4001

User response: None, informational message.

DRMU74-097E INTERRUPT BY NON-
RECOVERABLE ERROR

Explanation: The messages issued previously to the above message describe the encountered errors.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.

Messages DRMU78-nnnX

| **DRMU78-002I** THE FOLLOWING TABLE SPACE(S)
| WITH PARTITION n HAVE BEEN
| SELECTED

| **Explanation:** This message is followed by the list of all
| partitioned table spaces that are selected by the current
| function.

| **Severity:** None.

| **User response:** None.

| **DRMU78-003I** NONE OF THE SELECTED TABLE
| SPACES MATCH DSSEL CRITERION

| **Explanation:** The DSSEL parameter contains a
| numeric value (partition number) that is greater than
| the number of partitions of the selected table spaces.

| **Severity:** None.

| **User response:** None.

DRMU78-003I NO PARTITIONED TS FOUND

Explanation: Within all table spaces selected for the
processing, no table space having the partition number
specified inside the DSSEL parameter was found.

Severity: Abend 4001

User response: None, informational message.

DRMU78-097E INTERRUPT BY NON-
RECOVERABLE ERROR

Explanation: The messages issued previously to the
above message describe the encountered errors.

Severity: Abend 4001

User response: Examine the previous messages and
correct accordingly.

Messages DRMU79-nnnX

DRMU79-001I NO MEMBER FOUND FOR *mbrname*
SEARCH ARGUMENT

Explanation: The read library does not contain any member whose name responds to the criterion *mbrname*.

Severity: Abend 4001

User response: None, informational message.

Messages DRMU80-nnnX

DRMU80-001E SCT02 IC DATASET NAME DOES NOT CONTAIN SCT02. INTERNAL ERROR GENERATED

Explanation: The dsname of the image copy of table space DSNDB01.SCT02 is erroneous (refer to /sname syntax rules); the message specifies that the dsname of table space 'SCT02' is missing.

Severity: Abend 4001

User response: The image copies of the catalog table spaces must be taken using function DRMFIC (parameter TS=CATALOG) to be recognized by Application Recovery Tool.

spaces must be taken using function DRMFIC (parameter TS=CATALOG) to be recognized by Application Recovery Tool.

DRMU80-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: Messages that are issued prior to the above message describe the errors that were encountered.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.

DRMU80-001I NOTHING TO DO FOR ts SEARCH ARGUMENT (FICMAX=n AND RDAY=m)

Explanation: The specified table space has no image copy. **Attention:** This situation is abnormal for a production environment.

Severity: Abend 4001

User response: None, informational message.

DRMU80-002E SCT02 IC DATASET NAME NOT ACCEPTED. INTERNAL ERROR GENERATED

Explanation: The image copy dsname of table space DSNDB01.SCT02 is incorrect according to the requirements of Application Recovery Tool (see "Nomenclature Convention" in the Application Recovery Tool for IMS and DB2 Databases User's Guide (SC27-0980). In the above case, an invalid length was detected.

Severity: Abend 4001

User response: The image copies of the catalog table spaces must be taken using function DRMFIC (parameter TS=CATALOG) to be recognized by Application Recovery Tool.

DRMU80-003E SCT02 IC DATASET NAME DOES NOT CONTAIN DSNDB01. INTERNAL ERROR GENERATED

Explanation: The image copy dsname of table space DSNDB01.SCT02 is incorrect according to the requirements of Application Recovery Tool; (see "Nomenclature Convention" in the Application Recovery Tool for IMS and DB2 Databases User's Guide (SC27-0980). In the above case, an invalid length was detected.

Severity: Abend 4001

User response: The image copies of the catalog table

Messages DRMU81-nnnX

DRMU81-001E DBD LIBRARY *dsname*

Explanation: The dynamic allocation of the specified DBDLIB in the DRMXIMSS member of the parmlib, *dsname dsname*, has failed. This message is followed by message DRMU81-096E.

Severity: Abend 4001

User response: Check the *dsname* of the DBDLIB, or see the message DRMU81-096E.

DRMU81-002E DB DYNAMIC ALLOCATION LIBRARY *dsname*

Explanation: The dynamic allocation of the specified DYNLIB in the DRMXIMSS member of the parmlib, *dsname dsname*, has failed. This message is followed by message DRMU81-096E.

Severity: Abend 4001

User response: Verify the *dsname* of the DYNLIB, or see the message DRMU81-096E.

DRMU81-003E DB DYNAMIC ALLOCATION MODULE *name* NOT FOUND

Explanation: The dynamic allocation module *name* of the DYNLIB library could not be loaded.

Severity: Irrelevant.

User response: Verify the features of the module *name* in the DYNLIB and perform the necessary corrections.

DRMU81-004E DBD *dbdname* DDN *ddname* DSNAME NOT FOUND IN DFSMDA DEFINITION

Explanation: The *dsname* of the data set *ddname* of the database whose *dbd* is *dbdname* was not found in the corresponding DFSMDA module.

Severity: Abend 4001

User response: Verify the concerned *dbd*, and perform the necessary corrections.

DRMU81-005E DBD MODULE *dbdname* NOT FOUND IN DBDLIB

Explanation: The member *dbdname* of the DBDLIB library does not exist or could not be loaded.

Severity: Irrelevant

User response: Perform the necessary corrections.

DRMU81-006E INVALID DBD MODULE *dbdname*

Explanation: The member *dbdname* of the DBDLIB

library is invalid. The DBD name specified in its prefix is not *dbdname*.

Severity: Irrelevant

User response: Perform the necessary corrections.

DRMU81-007I *type* NOT SUPPORTED, DBD *dbdname* IGNORED

Explanation: The database attached to the DBD *dbdname* has the organization type *type* that is not recognized by Application Recovery Tool. The DBD *dbdname* is ignored.

Severity: Abend 4001

User response: None, informational message.

DRMU81-008I *type* NO VSAM, DBD *dbdname* IGNORED

Explanation: The database attached to the DBD *dbdname* has the non-VSAM organization type *type* different from HDAM and HIDAM: type not recognized by Application Recovery Tool. The DBD *dbdname* is ignored.

Severity: Abend 4001

User response: None, informational message.

DRMU81-009E DB DYNAMIC ALLOCATION MODULE *name* INVALID

Explanation: The dynamic allocation module *name* does not exist in the DYNLIB library or exists but does not contain the expected heading ('MDA' in position 8, but not 'DFSDCMON').

Severity: Irrelevant

User response: Perform the necessary corrections.

DRMU81-010E DB DYNAMIC ALLOCATION MODULE *name* HAS NOT THE SAME DDNAME REFERENCE

Explanation: The *ddname* referenced in the dynamic allocation module *name* does not correspond to the one of DBDLIB.

Severity: Irrelevant

User response: Perform the necessary corrections.

DRMU81-011I FOR DEDB *dbname* AREA *areaname* THE DDNAME SEARCH CRITERIA *addn* HAS FAILED (SEE ADDN=, PARAMETER).

Explanation: For the area *areaname* of the DEDB database *dbname*, no module of the DYNLIB matches

the specified research criterion *addn*.

Severity: Abend 4001

User response: None, informational message.

DRMU81-096E ddname ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of the data set whose ddname is *ddname* has failed. *rc* is the return code and *rs* the reason code.

Severity: Abend 4001

User response: Verify the existence and the features of the data set whose ddname is *ddname*. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and to correct it.

DRMU81-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMU83-nnnX

DRMU83-001E DRMXDB2S MEMBER OF PARMLIB ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of the DRMXDB2S member of the parmlib has failed. *rc* is the return code and *rs* the reason code.

Severity: Abend 4001

User response: Verify the existence and the features of the DRMXDB2S member of the parmlib used.

DRMU83-002E DB2ID *syst* ENTRY NOT FOUND IN PARMLIB MEMBER DRMXDB2S. ADD IT IN DB2IDS MEMBER OR<</h4>>

Explanation: The DB2 system name *syst* is not described in the DRMXDB2S member of the parmlib used. This message is followed by message DRMU83-003E in TP, message 004E in batch processing.

Severity: Abend 4001

User response: Refer to the next message.

DRMU83-003E VERIFY YOUR USER PROdataset USING THE "USER PROdataset CONFIGURATION" ENTRY.

Explanation: This message follows message DRMU83-002E in TP.

Severity: Abend 4001

User response: Verify the name of the DB2 system specified in the user prodataset, using the option "user prodataset configuration" of the Application Recovery Tool main menu, and modify it or add it to the DRMXDB2S member of the parmlib used.

DRMU83-004E VERIFY THE PARM EXEC DB2ID VALUE OR SEE THE DEFAULT VALUE IN THE DRMXSYSS MEMBER OF CURRENT PARMLIB.

Explanation: This message follows message 002E in batch processing.

Severity: Abend 4001

User response: Verify the name of the DB2 system specified in the PARM field of the EXEC card in the form (I,,DB2ID,'*syst*'I,,) and modify it or add it to the DRMXDB2S member of the parmlib used. If the EXEC card does not specify the DB2ID parameter, verify the name of the default DB2 system indicated in the DRMXSYSS member of the parmlib (DEFDB2ID parameter).

DRMU83-006E DRMXDB2S MEMBER OF PARMLIB NOT FOUND

Explanation: The member DRMXDB2S does not exist in the parmlib used.

Severity: Abend 4001

User response: Verify the name of the parmlib used, or restore the DRMXDB2S member of the parmlib from the DRMKDEFD member.

DRMU83-007E DB2ID *syst* ENTRY IN ERROR IN PARMLIB MEMBER DRMXDB2S: EDIT THE DRMXDB2S MEMBER, CORRECT THE ERROR AND RETRY.

Explanation: The description of the DB2 system name *syst* in the DRMXDB2S member of the parmlib used contains a syntax error.

Severity: Abend 4001

User response: Correct the syntax of the DRMXDB2S member of the parmlib used.

Messages DRMU84-nnnX

DRMU84-001I NO DATA HAS NEVER BEEN
INSERTED INTO THE TABLESPACE
ts.name

Explanation: The specified table space was defined with the DEFINE NO option, and no data has been inserted in any of its tables. The SPACE column from

SYSIBM.SYSTABLEPART is equal to -1 for any of the table space partitions. This situation is handled by the utility according to the function in progress.

Severity: None.

User response: No action is required.

Messages DRMU85-nnnX

DRMU85-097E INTERRUPT BY NON-
RECOVERABLE ERROR

Explanation: Messages that are issued prior to the above message describe the errors.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.

Messages DRMU86-nnnX

DRMU86-003E ENVIRONMENT TOO LARGE

Explanation: The sum of the ISPF variable lengths listed in the COND parameter of the skeleton used exceeds 32000.

Severity: Abend 4001

User response: Modify the COND parameter in the relevant member of the concerned parmlib.

Messages DRMU87-nnnX

DRMU87-001E DEFAULT PARMLIB dsname NOT ALLOCATED

Explanation: The library whose dsname is *dsname*, used as a default parmlib by Application Recovery Tool, could not be dynamically allocated. This message is followed by message DRMU87-096E specifying the error code.

Severity: Abend 4001

User response: Verify the existence, the features, and the user authorizations on this library.

DRMU87-002E DEFAULT USERLIB dsname NOT ALLOCATED

Explanation: The library whose dsname is *dsname*, and whose name is specified in the DRMXRUN member of the default parmlib (USERLIB= parameter), could not be dynamically allocated. This message is followed by message DRMU87-096E specifying the error code.

Severity: Abend 4001

User response: Verify the existence, the features and the user authorizations on this library. Verify also the DRMXRUN member of the default parmlib.

DRMU87-003E MEMBER DRMXRUN OF PARMLIB dsname NOT ALLOCATED

Explanation: The member DRMXRUN exists in the default parmlib whose dsname is *dsname*, but could not be dynamically allocated. This message is followed by message DRMU87-096E specifying the error code.

Severity: Abend 4001

User response: Verify the features of the DRMXRUN member of the default parmlib.

DRMU87-004E MEMBER DRMXRUN OF PARMLIB dsname NOT VALID

Explanation: The DRMXRUN member of the default parmlib contains a syntax error.

Severity: Abend 4001

User response: Correct the syntax of the DRMXRUN member of the default parmlib.

DRMU87-005E MEMBER DRMXRUN OF USERLIB dsname NOT ALLOCATED

Explanation: The member DRMXRUN exists in the user parmlib whose dsname is *dsname*, but could not be dynamically allocated. This message is followed by message DRMU87-096E specifying the error code.

Severity: Abend 4001

User response: Verify the features of the DRMXRUN member of the user parmlib.

DRMU87-006E MEMBER DRMXRUN OF USERLIB dsname NOT VALID

Explanation: The DRMXRUN member of the user parmlib contains a syntax error.

Severity: Abend 4001

User response: Correct the syntax of the DRMXRUN member of the user parmlib.

DRMU87-096E ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of the data set specified in the preceding message has failed. *rc* is the return code and *rs* the reason code.

Severity: Abend 4001

User response: Verify the existence and the features of the data set specified in the preceding message. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and correct it.

Messages DRMU88-nnnX

DRMU88-001I NO TS FOUND IN DB2 FOR ts SEARCH ARGUMENT

Explanation: Informative: the interrogation of the DB2 catalog through the SQL statement resulting from the DRMQLT5 skeleton has shown that no table space satisfies simultaneously the criteria on the table space name, the database name and the creator's name resulting from the TS list item and the DBSET and AUTHID parameters.

Severity: Abend 4001

User response: None, informational message.

DRMU88-002I THE FOLLOWING TABLESPACE(S) HAVE BEEN SELECTED

Explanation: This message is followed by the list of all table spaces that are selected by the current function.

Severity: Abend 4001

User response: None, informational message.

| DRMU88-003I NO DATA HAS NEVER BEEN | INSERTED INTO THE TABLESPACE | xxxxxxxx.xxxxxxx

| **Explanation:** The specified table space was defined
| with the DEFINE NO option, and no data has been
| inserted in any of its tables. The SPACE column from
| SYSIBM.SYSTABLEPART is equal to -1 for any of the
| table space partitions. This situation is handled by the
| utility according to the function in progress.

| **Severity:** Abend 4001

| **User response:** No action is required.

DRMU88-097E INTERRUPT BY NON- RECOVERABLE ERROR

Explanation: The call of the interrogation procedure of the DB2 catalog has failed.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections. Verify the existence and the availability of the DRMXPROC load module of Application Recovery Tool.

Messages DRMU89-nnnX

DRMU89-001I NO TS FOUND IN DB2 FOR ts SEARCH ARGUMENT

Explanation: Informative: the interrogation of the DB2 catalog through the SQL statement resulting from the DRMQTSPRT skeleton has shown that no table space satisfies simultaneously the criteria on the table space name, the database name and the creator's name resulting from the TS list item and the DBSET and AUTHID parameters.

Severity: Abend 4001

User response: None, informational message.

| DRMU89-002I NO DATA HAS NEVER BEEN | INSERTED INTO THE TABLESPACE | xxxxxxxx.xxxxxxxx

| **Explanation:** The specified table space was defined
| with the DEFINE NO option, and no data has been
| inserted in any of its tables. The SPACE column from
| SYSIBM.SYSTABLEPART is equal to -1 for any of the
| table space partitions. This situation is handled by the
| utility according to the function in progress.

| **Severity:** None.

| **User response:** No action is required.

DRMU89-097E INTERRUPT BY NON- RECOVERABLE ERROR

Explanation: The call of the interrogation procedure of the DB2 catalog has failed.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections. Verify the existence and the availability of the DRMXPROC load module of Application Recovery Tool.

Messages DRMU91-nnnX

DRMU91-001E SCT02 IC DATASET NAME DOES NOT CONTAIN SCT02. INTERNAL ERROR GENERATED

Explanation: The dsname of the image copy of the table space DSNDB01.SCT02 does not match the Application Recovery Tool nomenclature; (see "Nomenclature Convention" in the Application Recovery Tool for IMS and DB2 Databases User's Guide (SC27-0980). It does not contain the name of the tablespace 'SCT02'.

Severity: Abend 4001

User response: The image copies of the table spaces of the catalog have to be made using the function DRMFIC (TS=CATALOG parameter) to be recognized by Application Recovery Tool.

DRMU91-001I NOTHING TO DO FOR *ts* SEARCH ARGUMENT (FICMAX=*n* AND RDAY=*m*).

Explanation: Informative: no image copy satisfies the FICMAX and RDAY criteria requested for the table spaces that satisfy the search conditions resulting from the TS list item *ts* and the DBSET and AUTHID parameters.

Severity: Abend 4001

User response: None, informational message.

DRMU91-002E SCT02 IC DATASET NAME NOT ACCEPTED. INTERNAL ERROR GENERATED

Explanation: The dsname of the image copy of the table space DSNDB01.SCT02 does not match the Application Recovery Tool nomenclature; (see "Nomenclature Convention" in the Application Recovery Tool for IMS and DB2 Databases User's Guide (SC27-0980). Its length is invalid.

Severity: Abend 4001

User response: The image copies of the table spaces of the catalog have to be made using the function DRMFIC (TS=CATALOG parameter) to be recognized by Application Recovery Tool.

DRMU91-003E SCT02 IC DATASET NAME DOES NOT CONTAIN DSNDB01. INTERNAL ERROR GENERATED

Explanation: The dsname of the image copy of the table space DSNDB01.SCT02 does not match the Application Recovery Tool nomenclature; (see "Nomenclature Convention" in the Application Recovery Tool for IMS and DB2 Databases User's

Guide (SC27-0980). It does not contain the name of the database 'DSNDB01'.

Severity: Abend 4001

User response: The image copies of the table spaces of the catalog have to be made using the function DRMFIC (TS=CATALOG parameter) to be recognized by Application Recovery Tool.

DRMU91-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: The interrogation of the DB2 catalog has failed.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections. Verify the existence and the availability of the DRMXPROC load module of Application Recovery Tool.

Messages DRMU92-nnnX

DRMU92-001E ISPF ERROR zerrmsg zerrsm zerrlm

Explanation: After an ISPF error, this message displays the contents of ISPF variables ZERRMSG (identifier of the error message), ZERRSM (text of the short message) and ZERRLM (text of the long message).

Severity: Abend 4001

User response: Perform the necessary corrections.

Messages DRMU96-nnnX

DRMU96-001I NO DATASET FOUND ON VOLUME volume FOR MASK dsname

Explanation: The volume labeled *volume* contains no data set whose name matches the search criterion *dsname*.

Severity: Abend 4001

User response: None, informational message.

DRMU96-002W NOT SUPPORTED DATASET NAME dsname

Explanation: The dsname found *dsname* does not comply with the usual syntax of the dsnames.

Severity: None

User response: None, warning message.

DRMU96-003E INVALID DATASET MASK dsname

Explanation: The mask that is used for the search of dsnames does not comply with the usual syntax of the dsnames.

Severity: Abend 4001

User response: Verify the DSN, VDAYS, and VTIME parameters.

DRMU96-004E CVAFSEQ ERROR rc/rs ON VOLUME volume (VOLUME MUST HAVE AN INDEXED VTOC)

Explanation: The access to the VTOC of the volume labeled **volume** has failed with return code *rc* and reason code *rs*.

Severity: Abend 4001

User response: Verify the status of the volume *volume*; its VTOC must be indexed.

DRMU96-006W SYNCHRONIZATION PROBLEM ON VOLUME volume

Explanation: A synchronization problem was detected between the VTOC index on volume *volume* and the VTOC itself. This abnormality is probably due to a concurrent update.

Severity: None

User response: None, warning message.

DRMU96-007I RETRY IN PROGRESS

Explanation: This message follows U96-006W to indicate that a new attempt to read the VTOC index of the same volume will be made, after deallocation and reallocation of this volume.

Severity: Abend 4001

User response: None, informational message.

DRMU96-097E INTERRUPT BY NON- RECOVERABLE ERROR

Explanation: The allocation of the requested volume has failed.

Severity: Abend 4001

User response: Perform the necessary corrections.

Messages DRMU97-nnnX

**DRMU97-001E DIRECT ACCESS VOLUME *volume*
UNKNOWN IN YOUR SYSTEM**

Explanation: The volume labeled *volume* is unknown in the system.

Severity: Abend 4001

User response: Correct the volume name.

**DRMU97-002E VOLUME *volume* AT ADDRESS *adr*
IS NOT ONLINE**

Explanation: The disk volume *volume* is not online.

Severity: Abend 4001

User response: Perform the necessary corrections.

**DRMU97-003E UNIT TYPE OF VOLUME *volume* AT
ADDRESS *adr* UNKNOWN**

Explanation: The unit type of the volume *volume* is unknown by the system.

Severity: Abend 4001

User response: Perform the necessary corrections.

Messages DRMV02-nnnX

DRMV02-001I NO VOLUME FOUND FOR SEARCH CRITERIA *vol*

Explanation: No volume name matches the search criterion *vol* specified in the VOL parameter.

Severity: Abend 4001

User response: None, informational message.

DRMV02-097E INTERRUPT BY NON- RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMV03-nnnX

DRMV03-001E MEMBER *name* OF USERLIB dsname NOT ALLOCATED

Explanation: The member *name* exists in the user parmlib whose dsname is *dsname*, but it could not be dynamically allocated. This message is followed by message DRMV03-096E specifying the error code.

Severity: Abend 4001

User response: Verify the features of the member *name* of the user parmlib.

DRMV03-002E MEMBER *name* OF PARMLIB dsname NOT ALLOCATED

Explanation: The member *name* exists in the current parmlib whose dsname is *dsname* but it could not be dynamically allocated. This message is followed by message DRMV03-096E specifying the error code.

Severity: Abend 4001

User response: Verify the features of the member *name* of the current parmlib.

DRMV03-003E MEMBER *name* OF PARMLIB dsname NOT FOUND

Explanation: The member *name* does not exist in the parmlib used, dsname *dsname*.

Severity: Abend 4001

User response: Verify the name of the parmlib used or restore the member *name* to this parmlib.

DRMV03-096E ALLOCATION ERROR *rc/rs*

Explanation: The dynamic allocation of the data set whose ddname is *ddname* has failed. *rc* is the return code and *rs* the reason code.

Severity: Abend 4001

User response: Examine the existence and the features of the data set whose ddname is *ddname*. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and correct it.

Messages DRMV08-nnnX

DRMV08-001E DSPURX00 ATTACH ERROR RC xxx - yyy FROM dsname

Explanation: The call to DBRC has ended with an abend. The message specifies the system abend code *xxx* and the IMS abend code *yyy* in hexadecimal, as well as the dsname *dsname* of the IMS load module library used.

Severity: Abend 4001

User response: Refer to the DBRC error messages that follow or to indicated abend codes, and perform the necessary corrections.

DRMV08-002E DBRC ERROR DETECTED. THE DBRC SYSPRINT IS PRINTING...

Explanation: Processing of DBRC has ended with a return code greater than 4. The messages issued by DBRC follow.

Severity: Abend 4001

User response: Refer to the DBRC error messages that follow, and perform the necessary corrections.

DRMV08-003E WORK data set SYSPRINT NOT ALLOCATED

Explanation: The dynamic allocation of the work data set SYSPRINT has failed. This message is followed by message DRMV08-096E specifying the error code.

Severity: Abend 4001

User response: Verify the JCL and suppress any DD card allocating the SYSPRINT data set. Otherwise, refer to message DRMV08-096E.

DRMV08-096E ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of the SYSPRINT data set has failed. *rc* is the return code and *rs* the reason code.

Severity: Abend 4001

User response: Verify that SYSPRINT is not already allocated. If it is not, use the Return code and the reason code in the message to find the cause of the error and correct it.

DRMV08-097E INTERRUPT BY NON- RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMV09-nnnX

DRMV09-001E CAGRP *cagrpname* SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to the CAGROUP *cagrpname*. This message is preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMV09-002E CAGRP *cagrpname* DB COUNT NOT >0

Explanation: According to the record found in the RECON data set, the CAGROUP *cagrpname* does not contain any database.

Severity: Abend 4001

User response: Verify the RECON data set and the definition of the CAGROUP given to DBRC (LIST.CAGRP).

Messages DRMV11-nnnX

DRMV11-001E ERROR CALLING DRMDBASE RETURN CODE IS rc

Explanation: The direct read of the DB2 catalog performed by load module DRMDBASE has failed. Either a problem of data coherence occurred, a QUIESCE of the catalog (always done if in ACCESS=QFAST) should resolve this problem, or a problem of competitive access to the VSAM clusters containing the catalog was encountered.

Severity: Abend 4001

User response: Examine all other SYSOUT messages to check if it is a problem of competitive access. If so, examine the reason. Otherwise, restart and specify ACCESS=QFAST, as a QUIESCE on DSNDB06.SYSDBASE should resolve problems of data that is not coherent. These problems only occur if a standard SQL access was requested (ACCESS=SQL in member DRMXDB2S of the parmlib).

DRMV11-002E LOAD MODULE DRMDBASE NOT FOUND

Explanation: Starting the load module DRMDBASE via TSO has failed as DRMDBASE cannot be found in either LINKLIST or in STEPLIB. Probably an installation problem that occurs only when attempting to access the DB2 catalog for the first time (ACCESS = FAST or QFAST specifies in member DRMXDB2S of the parmlib) as the load module performing read processing of the DB2 catalog is concerned.

Severity: Abend 4001

User response: Recopy DRMDBASE into the LINKLIST (refer to the Program Directory for installing the product).

DRMV11-003E FAILED CALL TO LOAD MODULE DRMDBASE WITH SYSTEM ABEND CODE n

Explanation: Processing of the DRMDBASE load module failed.

Severity: Abend 4001

User response: Examine the system messages that were issued to analyze the error and restart. Otherwise, contact your IBM representative.

DRMV11-004E FAILED CALL TO LOAD MODULE DRMDBASE WITH USER ABEND CODE n

Explanation: Processing of the DRMDBASE load module failed.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMV11-096E INVALID REQUEST

Explanation: An unknown SQL request was encountered.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMV11-097E INTERRUPT BY NON- RECOVERABLE ERROR

Explanation: Messages that are issued prior to the above message describe the error.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.

Messages DRMV12-nnnX

DRMV12-005E FTINCL ERROR

Explanation: The file tailoring of the skeleton to be found in member DRMVIC or DRMSDBAS of the parmlib has failed.

Severity: Abend 4001

User response: Correct the skeleton. Refer to the ISPF messages.

Severity: Abend 4001

User response: Correct accordingly.

DRMV12-009E FAILED CALL TO DSNUTILB RC rc

Explanation: The call to DSNUTILB has failed.

Severity: Abend 4001

User response: If the return code *rc* specified is 999, and if the DB2LIB load module library that contains DSNUTILB is not allocated in LINKLIB, add this library in your steplib and restart processing. Otherwise, contact your IBM representative.

DRMV12-010E FAILED CALL TO DSNUTILB ABEND CODE X'nnnnnnnn'

Explanation: An abend was issued when calling DSNUTILB.

Severity: Abend 4001

User response: Examine the DSNUTILB error messages.

DRMV12-010I QUIESCE RUNNING

Explanation: This message announces processing of a QUIESCE either on the table spaces selected by the current function, or on catalog table spaces that are to be read through direct VSAM access by Application Recovery Tool.

Severity: Abend 4001

User response: None, informational message.

DRMV12-096E ddname ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of data set *ddname* has failed.

Severity: Abend 4001

User response: Check if the data set is not already allocated. Also, examine the return code and reason code.

DRMV12-097E INTERRUPT BY NON- RECOVERABLE ERROR

Explanation: Refer to the previous messages that describe the errors.

Messages DRMV18-nnnX

DRMV18-001E ERROR RETURN INFDB2X2.
DDN=ddname, REASON rs

Explanation: An error was encountered when accessing (VSAM) the DB2 catalog.

Severity: Abend 4001

User response: Check the status of the DB2 catalog. Otherwise, contact your IBM representative.

DRMV18-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: Refer to the previous messages describing the errors.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.

Messages DRMV19-nnnX

DRMV19-001I DB dbdname DDN ddname IS NOT ALLOCATED FOR UPDATE, AND BYPASSED.

Explanation: The database of DBD *dbdname* and DDN *ddname* is not allocated for updating and, therefore, will be ignored.

Severity: Abend 4001

User response: None, informational message.

DRMV19-002I TRY TO CONTINUE WITHOUT CONTROL REGION imsid AT time

Explanation: The IMS region *imsid* is not started at this time Processing continues while waiting for the start of the IMS region.

Severity: Abend 4001

User response: None, informational message.

DRMV19-002W DB dbname IS STILL USED BY SSID imsid

Explanation: The database *dbname* is still used in update by the IMS system *imsid*.

Severity: None

User response: None, warning message.

DRMV19-003I RETRY COUNT REACHED, WAIT ABORTED.

Explanation: The maximum number of tries indicated by the RETRY parameter has been reached.

Severity: Abend 4001

User response: None, informational message.

DRMV19-003W DB dbname IS STILL USED BY BMP psbname

Explanation: The database *dbname* is still used in update by a BMP whose PSB is *psbname*.

Severity: None

User response: None, warning message.

DRMV19-004E DB dbname CAN'T BE DB DUMPED

Explanation: The database *dbname* could not be stopped by the command /DBDUMP.

Severity: Abend 4001

User response: Verify the status of the database.

DRMV19-004I TIMEOUT REACHED, STOP ABORTED.

Explanation: The maximum wait time during the critical section indicated by the MAXTIME parameter has been reached.

Severity: Abend 4001

User response: None, informational message.

DRMV19-005E RESTART DB PROCESS INTERRUPTED BY AN IMS CONNECTION PROBLEM. RESTART BYPASSED.

Explanation: The IMS command printed just before this message has failed following a connection problem to IMS.

Severity: Irrelevant

User response: Verify the status of the IMS system.

DRMV19-005I WAIT FOR CURRENT OLDS SWITCH RETRY COUNT REACHED.

Explanation: The maximum wait time of a spontaneous switch of OLDS has been reached. This switch will be forced (see action SWITCH of DRMAOP).

Severity: Abend 4001

User response: None, informational message.

DRMV19-005W RESTART DB PROCESS INTERRUPTED BY AN IMS CONNECTION PROBLEM. RESTART BYPASSED.

Explanation: The IMS command printed just before this message has failed following a connection problem to IMS.

Severity: None

User response: None, warning message.

DRMV19-006E CURRENT OLDS NOT DETECTED. INTERNAL ERROR ISSUED

Explanation: The active log data set OLDS has not been found. The command /TELL OLDS did not send the expected reply.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMV19-006I WAIT FOR OLDS *ddname* ARCHIVE COMPLETED RETRY COUNT REACHED.

Explanation: The maximum wait time for the end of archiving has been reached (see the WAIT and ARCTIME parameters of DRMAOP).

Severity: Abend 4001

User response: None, informational message.

| **DRMV19-007W DB *dbname* HAS BEEN UPDATED BY THE ABENDED SSID *imsid* BUT NO BACKOUT HAS BEEN DONE**

Explanation: Updates were in progress on the database *dbname* when an abend of the IMS system *imsid* occurred.

Severity: None

User response: None, warning message.

DRMV19-007I OLDS SWITCH NOT REQUIRED, SWITCH IS BYPASSED.

Explanation: The active OLDS data set does not contain allocation concerning processed databases. The switch is not necessary.

Severity: Abend 4001

User response: None, informational message.

DRMV19-008E DB *dbname* CAN'T BE STARTED

Explanation: The database *dbname* could not be started. This message is preceded by messages issued by IMS.

Severity: Abend 4001

User response: Study the preceding IMS messages and verify the status of the database.

DRMV19-008I TIMEOUT REACHED, START ABORTED.

Explanation: The maximum wait time during the critical section indicated by the MAXTIME parameter has been reached.

Severity: Abend 4001

User response: None, informational message.

DRMV19-009I WAIT FOR OLDS *ddname* SUBARCH COMPLETED RETRY COUNT REACHED.

Explanation: The maximum wait time for submitting the archiving job has been reached (see the WAIT and RETRY parameters of DRMAOP).

Severity: Abend 4001

User response: None, informational message.

DRMV19-009W STOP DB PROCESS INTERRUPTED BY AN IMS CONNECTION PROBLEM.

Explanation: The stop of a database has failed following a connection problem to IMS.

Severity: None

User response: None, warning message.

DRMV19-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMV21-nnnX

DRMV21-001E SSID SEARCH ERROR FOR *imsid*

Explanation: An error has occurred during the search in the RECON data set of records related to the IMS system *imsid*. This message is preceded by the message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, and perform the necessary corrections.

Messages DRMV22-nnnX

DRMV22-001E VOLUME *volume* UNIT *unit*
ALLOCATION ERROR *rc/rs* DDN
ddname

Explanation: The attempt to allocate the volume whose label is *volume* and unit is *unit* under the ddname *ddname* has failed. *rc* is the return code and *rs* is the reason code.

Severity: Abend 4001

User response: Use the return code and the reason code in the message to find the cause of the error and correct it.

DRMV22-097E INTERRUPT BY NON-
RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMV23-nnnX

DRMV23-001E DATASET *dsname* NOT CATALOGED

Explanation: The data set whose *dsname* is *dsname* is not cataloged.

Severity: Irrelevant. Processing proceeds, except in the case when the FLUSH parameter is 'Y'.

User response: Perform the necessary corrections.

DRMV23-002E DATASET *dsname* DSCB OBTAIN ERROR *rc* FROM VOLUME *volume*

Explanation: The reading of the data set DSCB *dsname* on the volume whose label is *volume* has failed. The return code *rc* from OBTAIN is indicated.

Severity: Irrelevant. Processing proceeds, except in the case when the FLUSH parameter is 'Y'.

User response: Perform the necessary corrections.

DRMV23-003E DATASET *dsname* NOT CATALOGED (CLUSTER DATA)

Explanation: The data component of the VSAM cluster under inspection, whose *dsname* is *dsname*, is not cataloged.

Severity: Irrelevant. Processing proceeds, except in the case when the FLUSH parameter is 'Y'.

User response: Perform the necessary corrections.

DRMV23-004E DATASET *dsname* NOT CATALOGED (CLUSTER INDEX)

Explanation: The index component of the VSAM cluster under inspection, whose *dsname* is *dsname*, is not cataloged.

Severity: Irrelevant. Processing proceeds, except in the case when the FLUSH parameter is 'Y'.

User response: Perform the necessary corrections.

DRMV23-005E DATASET *dsname* DSCB OBTAIN ERROR *rc* FROM VOLUME *volume*

Explanation: The reading of the DSCB of the data component of the VSAM cluster under inspection, whose *dsname* is *dsname*, on the volume whose label is *volume* has failed. The Return code *rc* from OBTAIN is indicated.

Severity: Irrelevant. Processing proceeds, except in the case when the FLUSH parameter is 'Y'.

User response: Perform the necessary corrections.

DRMV23-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Irrelevant. Processing proceeds, except in the case when the FLUSH parameter is 'Y'.

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMV24-nnnX

| **DRMV24-001E DATASET *dsname* SHOWCAT
ERROR *rc* (*t*)**

Explanation: The VSAM cluster *dsname* is badly defined. The SHOWCAT has given the return code *rc* and the component type *t*.

Severity: Irrelevant

User response: Perform the necessary corrections.

**DRMV24-002E DATASET *dsname* IS NOT A
CLUSTER (CELL TYPE IS *t*)**

Explanation: The VSAM cluster *dsname* is badly defined. The SHOWCAT has returned the component type *t* although the cluster type 'C' was expected.

Severity: Irrelevant

User response: Perform the necessary corrections.

**DRMV24-003E DATASET *dsname* DATA
COMPONENT NOT FOUND**

Explanation: The VSAM cluster *dsname* is badly defined. The SHOWCAT indicates no data component.

Severity: Irrelevant

User response: Perform the necessary corrections.

**DRMV24-097E INTERRUPT BY NON-
RECOVERABLE ERROR**

Explanation: Refer to the previous messages that describe the errors.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.

Messages DRMV26-nnnX

DRMV26-001E DB dbname DDN ddname DSN
dsname SPACE CHARACTERISTICS
SEARCH ERROR

Explanation: The search for the features of the data set *dsname* attached to the ddname *ddname* of the database *dbname* has failed.

Severity: Abend 4001

User response: Refer to more precise messages which precede, and perform the necessary corrections.

Messages DRMV27-nnnX

DRMV27-001E PRILOG SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to the PRILOG, according to the criteria specified in the preceding message DRMV27-001I. Messages DRMV27-001I and DRMV27-001E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMV27-001I PRILOG SCAN TS timestamp

Explanation: This message is issued in conjunction with another DRMV27-message. It specifies the timestamp *timestamp* of the current search.

Severity: Abend 4001

User response: None, informational message.

Messages DRMV28-nnnX

DRMV28-001I PRISLDS TS timestamp

Explanation: This message is issued in conjunction with another DRMV28-message. It specifies the timestamp *timestamp* of the current search.

Severity: Abend 4001

User response: None, informational message.

DRMV28-001E PRISLDS SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to the PRISLDS, according to the criteria specified in the preceding message DRMV28-001I. Messages DRMV28-001I and DRMV28-001E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMV28-003E LOG REACHED WITH INVALID VOLLIST COUNT

Explanation: The record related to the PRISLDS found in the RECON data set specifies an empty or erroneous volume list.

Severity: Abend 4001

User response: List the RECON to verify the record related to the PRISLDS.

DRMV28-004E LOG MAX VOL LIST COUNT REACHED. (MAX=20)

Explanation: The found PRISLDS has more than 20 volumes referenced in the RECON dataset. Application Recovery Tool processes only 20 volumes.

Severity: Abend 4001

User response: Contact your IBM representative.

Messages DRMV29-nnnX

DRMV29-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMV30-nnnX

DRMV30-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMV31-nnnX

**DRMV31-001E ERROR RETURN INFDB2X2. DDN =
ddname, REASON rs**

Explanation: An error was encountered when trying to access the DB2 catalog.

Severity: Abend 4001

User response: Check the DB2 catalog status.

**DRMV31-097E INTERRUPT BY NON-
RECOVERABLE ERROR**

Explanation: Refer to the previous messages that describe the error.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.

Messages DRMV32-nnnX

DRMV32-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: Refer to the previous messages that describe the error.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.

Messages DRMV33-nnnX

DRMV33-001E ERROR RETURN IN
INFDB2X2.DDN=ddname , REASON rs,
TABLE=

Explanation: An error was encountered during the VSAM access to the DB2 catalog. The correlation name of the table is specified in case of a direct access to a table (TS=SYSTABLESPACE, TB= SYSTABLES, RL=SYSRELS). The correlation name of the table is not specified if the access to one of the above tables is done by means of an index.

Severity: Abend 4001

User response: Check the DB2 catalog. Otherwise, contact your IBM representative.

| **DRMV33-097E INTERRUPT BY NON-**
| **RECOVERABLE ERROR**

| **Explanation:** This message is preceded by other
| messages that describe the errors.

| **Severity:** Abend 4001

| **User response:** Examine the preceding messages, and
| perform the necessary corrections.

Messages DRMV37-nnnX

DRMV37-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMV38-nnnX

DRMV38-001E ERROR WHILE PROCESSING DDN
ddname, ACTION action

Explanation: An error was encountered during the VSAM access to the DB2 catalog.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMV38-097E INTERRUPT BY NON-
RECOVERABLE ERROR

Explanation: This message is issued after other messages describing the errors that were encountered.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.

Messages DRMV39-nnnX

DRMV39-001I WAITING FOR JOB *jobname*
QUEUED THE *dd/mm/yy* AT
hh:mm:ss.d UNTIL THE LIMIT QUEUE
TIME *hh:mm:ss.d*

Explanation: This message indicates the start date and time for the waiting period of job *jobname* when it was submitted and the time limit for the waiting period.

Severity: Abend 4001

User response: None, informational message.

DRMV39-002E DATASET *dsname* NOT
ALLOCATED

Explanation: The dynamic allocation of the data set whose *dsname* is *dsname* has failed. This message is followed by message DRMV39-096E specifying the error code.

Severity: Abend 4001

User response: Verify the existence and the features of the data set *dsname*.

DRMV39-002I WAITING FOR JOB *jobname*
STARTED THE *dd/mm/yy* AT
hh:mm:ss.d UNTIL THE END OF THIS
JOB.

Explanation: This message indicates the end date and time for the waiting period of job *jobname* and when it was started.

Severity: Abend 4001

User response: None, informational message.

DRMV39-003E THE JOB CONTROL FUNCTION IS
ABENDED. YOU MUST RE-INIT THE
PRODUCT AND RETRY YOUR
REQUEST.

Explanation: An error caused the abend of the control function of the submitted jobs.

Severity: Abend 4001

User response: In batch processing, restart the job. In TP, disconnect from Application Recovery Tool. Then, reconnect before restarting the job.

DRMV39-004E ALREADY 50 JOBS (MAX) QUEUED
AND CONTROLLED. JOB *jobname*
SUBMIT REQUEST DISCARDED.

Explanation: The authorized maximum number: 50 controlled jobs is reached. The job *jobname* will not be submitted.

Severity: Abend 4001

User response: Perform the necessary corrections.

DRMV39-006E INVALID JOBQTIME HHMM
VALUE *hhmm*. THIS PARAMETER
COMES FROM THE CUSTOM
MEMBER OR INPUT COMMAND.

Explanation: The value *hhmm* of the JOBQTIME parameter is incorrect. The four characters *hhmm* must indicate a number *hh* of hours less than 24 and a number *mm* of minutes less than 60. The JOBQTIME parameter specifies the maximum wait time for the start of a submitted job.

Severity: Abend 4001

User response: Correct the JOBQTIME parameter in the CUSTOM member of the parmlib or in the issued command.

DRMV39-007E MAX QUEUE TIME REACHED FOR
JOB *jobname*. THIS JOB HAS BEEN
PURGED.

Explanation: The wait time for the start of the submitted job has exceeded the value set by the JOBQTIME parameter. The job *jobname* has been purged before being processed.

Severity: Abend 4001

User response: Restart the job *jobname*.

DRMV39-009E ONE OR MORE GENERATED AND
CHECKED JOB (S) HAS ABENDED OR
HAS BEEN PURGED. REQUEST
ABEND 4001 ISSUED

Explanation: At least one of the submitted jobs ended with an abend or has been purged. The main job decided to abend.

Severity: Abend 4001

User response: Study the reports of the jobs submitted by Application Recovery Tool, and perform the necessary corrections.

DRMV39-010E JOBNAME IS BLANK, NO
CONTROL DONE FOR THIS JOB

Explanation: The name of the job to submit is not filled in. This job cannot be taken into account.

Severity: Abend 4001

User response: Verify the processing of the DEFJOB variable in the JOBCARD CLIST of the parmlib, or the JOBNAME parameter of the command. Then restart processing.

DRMV39-011E DUPLICATE JOBNAME *jobname*.
CHANGE THE GENERATED JOB
NAME WITH JOBNAME=
PARAMETER.

Explanation: The generated job has the same name as the main job.

Severity: Abend 4001

User response: Change the name of the generated job by using the JOBNAME= parameter.

DRMV39-096E *ddname* ALLOCATION ERROR *rc/rs*

Explanation: The dynamic allocation of the data set whose *ddname* is *ddname* has failed. *rc* is the return code and *rs* the reason code.

Severity: Abend 4001

User response: Examine the existence and the features of the data set whose *ddname* is *ddname*. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and correct it.

DRMV39-097E INTERRUPT BY NON-
RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMV44-nnnX

DRMV44-001E WORK data set SYSPRINT NOT ALLOCATED

Explanation: The dynamic allocation of the work data set SYSPRINT has failed. This message is followed by message DRMV44-096E specifying the error code.

Severity: Abend 4001

User response: Verify the *rmsb. JCL and suppress any DD card allocating the SYSPRINT data set. Otherwise, refer to message DRM44-096E.

DRMV44-001I THE AMS DECK THAT WILL BE USED IS:

Explanation: This message is issued prior to the printing of the IDCAMS SYSIN when the TEST parameter was set to Y.

Severity: Abend 4001

User response: None, informational message.

DRMV44-002E IDCAMS ERROR DETECTED. THE IDCAMS SYSPRINT IS PRINTING...

Explanation: Processing of IDCAMS has produced a return code not null. The messages issued by IDCAMS follow.

Severity: Abend 4001

User response: Refer to the IDCAMS error messages that follow, and perform the necessary corrections.

DRMV44-096E ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of the SYSPRINT data set has failed. *rc* is the return code and *rs* the reason code.

Severity: Abend 4001

User response: Verify that SYSPRINT is not already allocated. If it is not, use the return code and the reason code in the message to find the cause of the error and correct it.

| DRMV44-097E INTERRUPT BY NON-RECOVERABLE ERROR

| **Explanation:** This message is preceded by other messages that describe the errors.

| **Severity:** Abend 4001

| **User response:** Examine the preceding messages, and perform the necessary corrections.

Messages DRMV45-nnnX

DRMV45-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is issued after other messages describing the errors that were encountered.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.

Messages DRMV46-nnnX

DRMV46-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is issued after other messages describing the errors that were encountered.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.

Messages DRMV47-nnnX

DRMV47-001E PARAMETER *name* REQUIRED BUT NOT FOUND

Explanation: The ISPF variable *name* has not been found.

Severity: Abend 4001

User response: Set the variable *name*.

DRMV47-002E PARAMETER *name* VALUE NOT NUMERIC

Explanation: The ISPF variable *name* is numerical but the assigned value is not numerical.

Severity: Abend 4001

User response: Correct the value of the variable *name*.

DRMV47-003E PARAMETER *name* VGET ISPF ERROR

Explanation: The call of the ISPF VGET function for the variable *name* has failed.

Severity: Abend 4001

User response: Perform the necessary corrections.

Messages DRMV48-nnnX

DRMV48-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMV50-nnnX

DRMV50-001E INVALID DB2 ENVIRONMENT DETECTED FOR THE CURRENT FUNCTION (PASSWORD PROBABLY RESTRICTED TO IMS).

Explanation: The DB2 environment for Application Recovery Tool is not correctly initialized.

Severity: Abend 4001

User response: Verify that your installation has installed the correct environment. Otherwise, contact your IBM representative.

DRMV50-002E INTERRUPT BY A DB2 CONNECTION PROBLEM

Explanation: The attempt to connect to DB2 has failed.

Severity: Abend 4001

User response: Verify the name of the DB2 system specified in the DB2ID parameter.

DRMV50-002I RETRY COUNT REACHED, WAIT ABORTED.

Explanation: The maximum number of tries set by the RETRY parameter has been reached.

Severity: Abend 4001

User response: None, informational message.

DRMV50-003I WAITING FOR JOB *utilid* UTILITY COMPLETION...

Explanation: This message indicates that the job is waiting for the end of processing of the DB2 utility *utilid*.

Severity: Abend 4001

User response: None, informational message.

DRMV50-004E DB2LIB *dsname* NOT ALLOCATED

Explanation: The dynamic allocation of the DB2 load module library, whose *dsname* is *dsname*, has failed. This message is followed by message DRMV50-096E specifying the error code.

Severity: Abend 4001

User response: Verify the existence and the features of the data set *dsname*.

DRMV50-004I UTILITY *utilid* IS IN PHASE *phase* STATUS *status* AT TIME *hh:mm:ss.d*

Explanation: This message displays the result of a -DISPLAY UTILITY *utilid* specifying the time when this result was obtained.

Severity: Abend 4001

User response: None, informational message.

DRMV50-005E DSNWLI2 MODULE LOAD ERROR

Explanation: Load DSNWLI2 could not be loaded.

Severity: Abend 4001

User response: Verify the existence and the features of DSNWLI2 in the DB2LIB library.

DRMV50-005I DB2 ARCHIVE LOG STEP START AT TIME *HH:MM:SS.D*

Explanation: Indicates that DRMVIC has requested the archiving of the DB2 log at the specified time.

Severity: Abend 4001

User response: Verify the existence and the features of DSNWLI2 in the DB2LIB library.

DRMV50-006E IFI CALL ERROR *rc/rs*

Explanation: The call to the IFI interface to issue a DB2 command has failed, with return code *rc* and reason code *rs*.

Severity: Abend 4001

User response: Verify the authorizations on DB2 resources.

DRMV50-007E DSNT397I HEADER LINE NOT FOUND.

Explanation: The DB2 command - DISPLAY DATABASE did not return expected informations. The header line DSNT397I is absent.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMV50-008E DASH HEADER LINE NOT FOUND.

Explanation: The DB2 command - DISPLAY DATABASE did not return the expected information. The dash line is absent.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMV50-009E DISPLAY DATA LINE NOT FOUND.

Explanation: The DB2 command - DISPLAY DATABASE did not return the expected informations. The table of information is empty.

Severity: Abend 4001

User response: Contact your IBM representative.

**DRMV50-010W DB dbname TS tname IS STILL
USED BY corrid**

Explanation: The table space *dbname.tname* is in batch use by *corrid* (see the description of the DB2 message DSNT396I).

Severity: None

User response: None, warning message.

**DRMV50-011W DB dbname TS tname DOES NOT
HAVE THE REQUIRED STATE.**

Explanation: Due to the state of the table space *dbname.tname*, the action asked for cannot be performed. See the DISPLAY messages issued with this one, or issue a -DISPLAY of this table space.

Severity: None

User response: None, warning message.

**DRMV50-012W DB dbname TS tname WAITING
COMMIT POINT OF corrid**

Explanation: The table space *dbname.tname* is in TP use by *corrid* (see the description of the DB2 message DSNT396I).

Severity: None

User response: None, warning message.

**DRMV50-013W DB dbname TS tname STATE
REQUIRES SPECIAL ACTION.**

Explanation: The state of the table space *dbname.tname* requests an intervention. See the DISPLAY messages issued with this one, or issue a -DISPLAY of this table space.

Severity: None

User response: None, warning message.

**DRMV50-014E DISPLAY UTILITY RESPONSE
RECEIVED NOT EXPECTED.**

Explanation: The DB2 command - DISPLAY UTILITY did not return the expected information.

Severity: Abend 4001

User response: Contact your IBM representative.

**DRMV50-015E ARCHIVE LOG RESPONSE
RECEIVED NOT EXPECTED**

Explanation: The DB2 command 'ARCHIVE LOG' did not send back the expected information.

Severity: Abend 4001

User response: Contact your IBM representative.

**DRMV50-017E THE TABLESPACE PARTITIONS
TABLE DOES NOT MATCH THE
TABLESPACES TABLE.**

Explanation: An inconsistency has been detected between the DB2 DISPLAY command for the current table space and the list of the table space partitions that was made up previously.

Severity: Abend 4001

User response: Collect as much information as possible about the conflicting table space and the circumstances of the error, and contact your IBM representative.

**DRMV50-018W THE FOLLOWING TABLESPACES
HAVE RESTRICTED STATUS IN
DATABASE dbname :**

Explanation: This message was issued for information prior to messages issued by the DB2 DISPLAY command. According to the type of restriction, the function, and the specified parameters, this message may be issued as a result of a processing interruption.

Severity: None

User response: None, informational message.

DRMV50-096E ddname ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of the data set whose *ddname* is *ddname* has failed. *rc* is the return code and *rs* the reason code.

Severity: Abend 4001

User response: Examine the existence and the features of the data set whose *ddname* is *ddname*. Also, use the return code and the reason code in the message to find the cause of the error and correct it.

**DRMV50-097E INTERRUPT BY NON-
RECOVERABLE ERROR**

Explanation: This message is issued after other messages describing the errors that were encountered.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.

Messages DRMV51-nnnX

DRMV51-001E VIC SEARCH ERROR

Explanation: An error has occurred during the search in the CS2RECON data set for VIC points responding to the criteria specified in the preceding message DRMV51-001I. Messages DRMV51-001I and DRMV51-001E are preceded by DRMV65 error messages that specify the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMV51-001I VICID vic-id TSLIM timestamp

Explanation: This message comes with message DRMV51-001E. It specifies the identifier *vic-id* and the timestamp *timestamp* of the current search: search for the first VIC point earlier than the specified timestamp.

Severity: Abend 4001

User response: None, informational message.

DRMV51-002E CATALOG TABLESPACE DSNDB01.tsname PARTICIPATED IN VIC vic-id. TS=CATALOG MUST BE SPECIFIED.

Explanation: The special case of DB2 catalog recovery cannot be processed using the special value TS=VIC. DB2 catalog recovery must be required using the special value TS=CATALOG.

Severity: Abend 4001

User response: Correct the command.

DRMV51-010I NO TS FOUND IN CS2RECON FOR VIC ID = vic-id BEFORE TIMESTAMP timestamp

Explanation: No VIC point with identifier *vic-id* specified with parameter ID=, and earlier than the timestamp specified with parameter TIMESTAMP=, has been found in CS2RECON.

Severity: Irrelevant

User response: Correct the command if an error follows.

Messages DRMV52-nnnX

DRMV52-001I ALL PSBS ARE IN USE, WAIT FOR A FREE PSB...

Explanation: All the PSBs indicated for IMS processing are used. The function is waiting for an available PSB.

Severity: Abend 4001

User response: None, informational message.

DRMV52-002E PSBNAME AND TRNNAME LISTS COUNT MISMATCH

Explanation: The number of transactions does not correspond to the number of PSBs.

Severity: Abend 4001

User response: Correct the PSB list and the transaction list (PSBNAME and TRNNAME parameters) in the DRMXIMSS member of the parmlib. They must have the same number of elements.

DRMV52-002I DFSRRC00 ABEND code DETECTED FOR PSB *psbname*, TRN *trnname* AND IMSID *imsid*. PROCESSING CONTINUES...

Explanation: The task DFSRRC00 for the PSB *psbname* and the transaction *trnname* ended with an abend code *code*.

Severity: Abend 4001

User response: None, informational message.

DRMV52-003I CONTROL REGION *imsid* NOT ACTIVE, PROCESSING CONTINUES...

Explanation: The IMS region *imsid* is not active. The process continues to wait for the start of this region.

Severity: Abend 4001

User response: None, informational message.

DRMV52-097E INTERRUPT BY NON- RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMV55-nnnX

DRMV55-002E RESLIB dsname NOT ALLOCATED

Explanation: The dynamic allocation of the load module RESLIB, whose dsname is *dsname*, has failed. This message is followed by message DRMV55-096E specifying the error code.

Severity: Abend 4001

User response: Verify the existence and the features of the data set *dsname*, and the name of the RESLIB indicated in the IMSIDS member of the parmlib.

DRMV55-003E DFSRESLB dsname NOT ALLOCATED

Explanation: The dynamic allocation of the load module library DFSRESLB, whose dsname is *dsname*, has failed. This message is followed by message DRMV55-096E specifying the error code.

Severity: Abend 4001

User response: Verify the existence and the features of the data set *dsname*.

DRMV55-004E LOADLIB dsname NOT ALLOCATED

Explanation: The dynamic allocation of the load module library LOADLIB, whose dsname is *dsname*, has failed. This message is followed by message DRMV55-096E specifying the error code.

Severity: Abend 4001

User response: Verify the existence and the features of the data set *dsname*.

DRMV55-005E RESLIB AND USERLIB DD'S NOT CONCATENATED

Explanation: The concatenation of load module libraries RESLIB and USERLIB (LOADLIB) has failed. This message is followed by message DRMV55-096E specifying the error code.

Severity: Abend 4001

User response: Verify the features of the two libraries.

DRMV55-006E INVALID IMS ENVIRONMENT DETECTED FOR THE CURRENT FUNCTION (PASSWORD PROBABLY RESTRICTED TO DB2).

Explanation: The IMS environment of Application Recovery Tool is not correctly initialized.

Severity: Abend 4001

User response: Verify that your installation has

installed the correct environment. Otherwise, contact your IBM representative.

DRMV55-096E ddname ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of the data set whose ddname is *ddname* has failed. *rc* is the return code and *rs* the reason code.

Severity: Abend 4001

User response: Examine the existence and the features of the data set whose ddname is *ddname*. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and correct it.

Messages DRMV56-nnnX

DRMV56-001E DB=, OR TS=, PARAMETER (S) MISSING: NOTHING HAS BEEN SELECTED.

Explanation: One of the two parameters DB and TS, or another selection parameter like PSB=, PLAN=, PKLIST= if accepted, has to be entered in the command.

Severity: Abend 4001

User response: Correct the command.

DRMV56-002E TS=, PARAMETER MISSING: NOTHING HAS BEEN SELECTED.

Explanation: TS= parameter has to be entered in the command for DB2 functions.

Severity: Abend 4001

User response: Correct the command.

| **DRMV56-003E DB=, PARAMETER MISSING:**
| **NOTHING HAS BEEN SELECTED.**

| **Explanation:** An IMS function was invoked, but the
| DB parameter was not set. The function stops because
| the DB parameter is mandatory.

| **Severity:** Abend 4001

| **User response:** Specify a value for the DB parameter.

**DRMV56-004I DB=, PARAMETER IGNORED. THE
IMS COMPONENT OF THE
FUNCTION IS NOT INSTALLED.**

Explanation: DB= parameter does not have to be entered when the Application Recovery Tool installation allows only DB2 functions.

Severity: Abend 4001

User response: None, informational message.

**DRMV56-005I TS=, PARAMETER IGNORED. THE
DB2 COMPONENT OF THE
FUNCTION IS NOT INSTALLED.**

Explanation: TS= parameter does not have to be entered when the Application Recovery Tool installation allows only IMS functions.

Severity: Abend 4001

User response: None, informational message.

**DRMV56-006I PLAN=, PARAMETER IGNORED.
THE DB2 COMPONENT OF THE
FUNCTION IS NOT INSTALLED.**

Explanation: PLAN= parameter does not need to be

entered when the Application Recovery Tool installation allows only IMS functions.

Severity: Abend 4001

User response: None, informational message.

**DRMV56-007I PSB=, PARAMETER IGNORED. THE
IMS COMPONENT OF THE
FUNCTION IS NOT INSTALLED.**

Explanation: PSB= parameter does not need to be entered when the Application Recovery Tool installation allows only DB2 functions.

Severity: Abend 4001

User response: None, informational message.

**DRMV56-008I DBDSGRP=, PARAMETER
IGNORED. THE IMS COMPONENT
OF THE FUNCTION IS NOT
INSTALLED.**

Explanation: DBDSGRP= parameter does not need to be entered when the Application Recovery Tool installation allows only DB2 functions.

Severity: Abend 4001

User response: None, informational message.

**DRMV56-009I PKLIST=, PARAMETER IGNORED.
THE DB2 COMPONENT OF THE
FUNCTION IS NOT INSTALLED.**

Explanation: PKLIST= parameter does not have to be entered when the Application Recovery Tool installation allows only IMS functions.

Severity: Abend 4001

User response: None, informational message.

**DRMV56-011E NO IMS SELECTION PARAMETER
SHOULD BE ENTERED IF IMSID =
NONE IS SPECIFIED**

Explanation: The special value IMSID=NONE indicates that the IMS environment is not needed and must not be allocated; therefore, IMS selection parameters DB=, DBDSGRP=, PSB= are not accepted in the command.

Severity: Abend 4001

User response: Correct the command, or correct the IMSID value in the PARM field of the EXEC card or in the Config menu.

**DRMV56-012E NO DB2 SELECTION PARAMETER
SHOULD BE ENTERED IF DB2ID =
NONE IS SPECIFIED**

Explanation: The special value DB2ID=NONE indicates that the DB2 environment is not needed and must not be allocated; therefore DB2 selection parameters TS=, PLAN=, PKLIST= are not accepted in the command.

Severity: Abend 4001

User response: Correct the command, or correct the DB2ID value in the PARM field of the EXEC card or in the Config menu.

**DRMV56-020I DBDSGRP PARAMETER NOT
ACCEPTED FOR IMS LEVEL 130,
DBDSGRP WILL BE IGNORED.**

Explanation: DBDS groups were not yet introduced in IMS version 1.3. Parameter DBDSGRP= is ignored in that case.

Severity: Abend 4001

User response: None, informational message.

Messages DRMV57-nnnX

DRMV57-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMV58-nnnX

DRMV58-001E ERROR CALLING DRMDBASE RETURN CODE IS rc

Explanation: A failure was encountered during the direct read of the DB2 directory done by the load module DRMDBASE. Access competition for VSAM clusters containing the SYSLGRNG (X) might be the reason for the failure.

Severity: Abend 4001

User response: Examine the SYSOUT error messages to know if and why access competition is the reason for the failure. Otherwise, contact your IBM representative.

DRMV58-001W TUNNEL EFFECT DETECTED FROM RBA startrba TO endrba FOR DBNAME db TSNAME ts PART n

Explanation: A recovery has been done for the specified table space. This recovery has been done after the requested recovery RBA; thus, leading to a tunnel effect for the interval between two specified RBAs. Thus, the modifications of this interval are invalidated.

Severity: None

User response: None, warning message.

DRMV58-002E LOAD MODULE DRMDBASE NOT FOUND

Explanation: A failure was encountered when starting the load module DRMDBASE using TSO because DRMDBASE was neither found in the LINKLIT nor in the STEPLIB.

Severity: Abend 4001

User response: Copy DRMDBASE into the LINKLIST library.

DRMV58-002W RECOVERY IN EFFECT IS AT START_RBA startrba TO PIT_RBA pitrba

Explanation: This message follows the message 001W and specifies the processing RBA and the return RBA that are done by the recovery.

Severity: None

User response: None, warning message.

DRMV58-003E FAILED CALL TO LOAD MODULE DRMDBASE WITH SYSTEM ABEND CODE n

Explanation: A failure occurred while processing the DRMDBASE load module. This load module performs direct access to the DB2 directory using the DRMRECOV function (FORCE=N).

Severity: Abend 4001

User response: Examine the system messages to determine the error. Otherwise, contact your IBM representative.

DRMV58-004E FAILED CALL TO LOAD MODULE DRMDBASE WITH USER ABEND CODE n

Explanation: A failure occurred while processing the DRMDBASE load module. This load module performs direct access to the DB2 directory using the DRMRECOV function.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMV58-097E INTERRUPT BY NON- RECOVERABLE ERROR

Explanation: This message follows other messages describing the error.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.

Messages DRMV59-nnnX

DRMV59-001E MISSING FILE *filename*

Explanation: The data set with ddname *filename* (generated by a Application Recovery Tool function) should be specified as a data set containing data inside the JCL.

Severity: Abend 4001

User response: Check the customization of the JCL skeletons that were used. Otherwise, contact your IBM representative.

DRMV59-003E FILE *filename* IS EMPTY

Explanation: The data set with ddname *filename* that was generated by a Application Recovery Tool function and specified within the JCL, is empty.

Severity: Abend 4001

User response: Check the customization of the JCL skeletons that were used. Otherwise, contact your IBM representative.

DRMV59-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message follows other messages describing the errors.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.

Messages DRMV60-nnnX

DRMV60-001E VIC WRITE ERROR

Explanation: An error has occurred while writing to the CS2RECON data set the VIC point information specified in the preceding message DRMV60-001I. Messages DRMV60-001I and DRMV60-001E are preceded by DRMV65 error messages that specify the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, and perform the necessary corrections.

DRMV60-001I DB dbname TS tname RBA rba TIME timestamp

Explanation: This message precedes another V60-message. It specifies the database *dbname*, the table space *tname*, the RBA *rba*, and the timestamp *timestamp* of the VIC point that failed.

Severity: Abend 4001

User response: None, informational message.

DRMV60-002E VIC SCAN BACKWARD ERROR

Explanation: An error has occurred while reading the CS2RECON data set as a part of the realization of the VIC point specified in the message DRMV60-001I. Messages DRMV60-001I and DRMV60-002E are preceded by DRMV65 error messages that specify the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, and perform the necessary corrections.

DRMV60-003E VIC DELETE ERROR

Explanation: An error has occurred while deleting a record from the CS2RECON data set before the realization of the VIC point specified in the preceding message DRMV60-001I. Messages DRMV60-001I and DRMV60-003E are preceded by DRMV65 error messages that specify the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, and perform the necessary corrections.

Messages DRMV61-nnnX

**DRMV61-001E RESERVE ERROR ON CS2RECON
DEVICE RC rc**

Explanation: The request to take exclusive control of the CS2RECON data set has been denied with return code *rc*.

Severity: Abend 4001

User response: Verify the current allocations on the CS2RECON data set and the indicated return code. Then, perform the necessary corrections.

DRMV61-002E DDNAME CS2RECON NOT FOUND

Explanation: The ddname CS2RECON is not allocated.

Severity: Abend 4001

User response: Verify the DRMXDB2S member of the parmlib.

Messages DRMV62-nnnX

**DRMV62-001E DEQ ERROR ON CS2RECON
DEVICE RC *rc***

Explanation: The request to release the exclusive control of the CS2RECON data set has been denied with return code *rc*.

Severity: Abend 4001

User response: Verify the current allocations on the CS2RECON data set and the indicated return code. Then, perform the necessary corrections.

DRMV62-002E DDNAME CS2RECON NOT FOUND

Explanation: The ddname CS2RECON is not allocated.

Severity: Abend 4001

User response: Verify the DRMXDB2S member of the parmlib.

Messages DRMV63-nnnX

DRMV63-001E VIC SEARCH ERROR

Explanation: An error has occurred during the search in the CS2RECON data set for VIC points responding to the criteria specified in the preceding message DRMV63-001I. Messages DRMV63-001I and DRMV63-001E are preceded by DRMV65 error messages that specify the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMV63-001I DB dbname TS tname TSLIM timestamp

Explanation: This message comes with message DRMV63-001E. It specifies the database *dbname*, the table space *tname* and the timestamp *timestamp* of the current search: search for the first VIC point later than the specified timestamp.

Severity: Abend 4001

User response: None, informational message.

Messages DRMV64-nnnX

DRMV64-001E VIC SEARCH ERROR

Explanation: An error has occurred during the search in the CS2RECON data set for VIC points responding to the criteria specified in the preceding message DRMV64-001I. Messages DRMV64-001I and DRMV64-001E are preceded by DRMV65 error messages that specify the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMV64-001I DB dbname TS tname TSLIM timestamp

Explanation: This message comes with message 001E. It specifies the database *dbname*, the table space *tname* and the timestamp *timestamp* of the current search: search for the most recent VIC point earlier than the specified timestamp.

Severity: Abend 4001

User response: None, informational message.

Messages DRMV65-nnnX

DRMV65-001E CS2RECON OPEN FAILED

Explanation: An error occurred when opening the CS2RECON data set whose dsname is indicated in the DRMXDB2S member of the parmlib.

Severity: Abend 4001

User response: Verify the status of the data set and the user authorizations on this data set. Then, perform the necessary corrections.

DRMV65-002E CS2RECON CHANGE INVALIDATE THIS JOB RUN

Explanation: Conflicting updates of the CS2RECON data set make the reading incoherent.

Severity: Abend 4001

User response: Verify the use of the CS2RECON data set.

DRMV65-003E VSAM ERROR, RC=rc, SC=sc (DECIMAL)

Explanation: The processing of the CS2RECON data set has stopped on a VSAM error for which the return code is *rc* and the status code *sc*.

Severity: Abend 4001

User response: Examine the VSAM error codes and perform the necessary corrections.

DRMV65-006E ALLOCATION ERROR rc/rs FOR CS2RECON dsname SPECIFIED IN DRMXDB2S MEMBER OF PARMLIB

Explanation: The dynamic allocation of the CS2RECON data set whose dsname is *dsname* has failed. *rc* is the return code and *rs* the reason code.

Severity: Abend 4001

User response: Verify the existence and the features of the data set whose dsname is *dsname*, or verify the value of CS2RECON in the DRMXDB2S member of the parmlib.

DRMV65-007E UNPREDICTABLE EODAD REACHED

Explanation: The processing of the CS2RECON data set has been interrupted by the unexpected end of the data set.

Severity: Abend 4001

User response: Verify the status of the data set.

DRMV65-008E CS2RECON OPEN FAILED, 8/168, RETRY

Explanation: A failure was encountered when opening the CS2RECON VSAM data set. a return code of 8 and a reason code of 168 are issued (see *IBM DFSMS/MVS Macro Instructions for Data Sets*).

Application Recovery Tool will wait for 10 seconds and then will attempt again to open the data set. If there is no success opening the data set after 5 attempts, the function will abend.

Severity: none

User response: Check the use of the CS2RECON data set. Also, check the other Application Recovery Tool jobs or backups, such as DFDSS.

Messages DRMV66-nnnX

DRMV66-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections. Or, verify the existence and the availability of the DRMXPROC load module.

Messages DRMV67-nnnX

DRMV67-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections. Or, verify the existence and the availability of the DRMXPROC load module.

Messages DRMV68-nnnX

DRMV68-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by others messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMV69-nnnX

DRMV69-001I PREPARING THE LOCK(S) NEEDED...

Explanation: This message announces that Application Recovery Tool is preparing a LOCK on selected table spaces.

Severity: Abend 4001

User response: None, informational message.

DRMV69-002I LOCKING THE TABLESPACE(S)...

Explanation: This message announces that Application Recovery Tool is ready to issue a LOCK on selected table spaces.

Severity: Abend 4001

User response: None, informational message.

DRMV69-003I UNLOCKING THE TABLESPACE(S)...

Explanation: This message announces that Application Recovery Tool is ready to release the LOCK on selected table spaces.

Severity: Abend 4001

User response: None, informational message.

DRMV69-004I QUIESCE OF DSNDB06.SYSDBASE HAS FAILED - SWITCH TO ACCESS=SQL

Explanation: The QUIESCE of the table space DSNDB06.SYSDBASE has failed. Therefore, the read of the DB2 catalog will be done by standard SQL access.

Severity: Abend 4001

User response: None, informational message.

DRMV69-097E INTERRUPT BY NON- RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections. Or, verify the existence and the availability of the DRMXPROC load module.

Messages DRMV70-nnnX

DRMV70-001E SCT02 IC DATASET NAME DOES NOT CONTAIN SCT02 INTERNAL ERROR GENERATED

Explanation: The dsname of the image copy of the table space DSNDB01.SCT02 does not match the Application Recovery Tool nomenclature; (see "Nomenclature Convention" in the Application Recovery Tool for IMS and DB2 Databases User's Guide (SC27-0980)). In this case, it does not contain the name of the table space 'SCT02'.

Severity: Abend 4001

User response: The image copies of the table spaces of the catalog must be made using the DRMFIC function (TS=CATALOG parameter) to be recognized by Application Recovery Tool.

DRMV70-002E SCT02 IC DATASET NAME NOT ACCEPTED. INTERNAL ERROR GENERATED

Explanation: The dsname of the image copy of the table space DSNDB01.SCT02 does not match the Application Recovery Tool nomenclature; (see "Nomenclature Convention" in the Application Recovery Tool for IMS and DB2 Databases User's Guide (SC27-0980)). In this case, its length is invalid.

Severity: Abend 4001

User response: The image copy of the table spaces of the catalog must be made using the DRMFIC function (TS=CATALOG parameter) to be recognized by Application Recovery Tool.

DRMV70-003E SCT02 IC DATASET NAME DOES NOT CONTAIN DSNDB01. INTERNAL ERROR GENERATED

Explanation: The dsname of the image copy of the table space DSNDB01.SCT02 does not match the Application Recovery Tool nomenclature; (see "Nomenclature Convention" in the Application Recovery Tool for IMS and DB2 Databases User's Guide (SC27-0980)). In this case, it does not contain the name of the database 'DSNDB01'.

Severity: Abend 4001

User response: The image copy of the table spaces of the catalog must be made using the DRMFIC function (TS=CATALOG parameter) to be recognized by Application Recovery Tool.

| **DRMV70-004E RECOVER REJECTED,**
| **MATERIALIZATION OF PENDING**
| **DEFINITION CHANGE AT RBA X"rba",**
| **TS=*tsname.dbname***

| **Explanation:** The requested RECOVER cannot not be performed because a utility was run after the recovery point in time while a structure change (implied by an ALTER statement) was pending.

| **Severity:** Abend 4001

| **User response:** No action is required.

DRMV70-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections. Or, verify the existence and the availability of the DRMXPROC load module.

Messages DRMV72-nnnX

DRMV72-002I TRY TO CONTINUE WITHOUT CONTROL REGION *imsid* AT *timestamp*

Explanation: The IMS region *imsid* is not active at the timestamp *timestamp* indicated. The process continues waiting for the start of this IMS region.

Severity: Abend 4001

User response: None, informational message.

DRMV72-004E DB *dbname* AREA *areaname* CAN'T BE STOPPED

Explanation: The area *areaname* of the database *dbname* could not be stopped. The message issued by IMS is preceding.

Severity: Abend 4001

User response: Study the preceding IMS message and perform the necessary corrections.

DRMV72-004I TIMEOUT REACHED, STOP ABORTED.

Explanation: The maximum wait time for the stop of the processed DEDB database has been reached. This wait time depends on RETRY and WAIT parameters.

Severity: Abend 4001

User response: None, informational message.

DRMV72-005E RESTART DB PROCESS INTERRUPTED BY AN IMS CONNECTION PROBLEM. RESTART BYPASSED.

Explanation: The IMS command printed just above this message has failed, following a connection problem to IMS.

Severity: Irrelevant

User response: Verify the status of the IMS system.

DRMV72-005W RESTART DB PROCESS INTERRUPTED BY AN IMS CONNECTION PROBLEM. RESTART BYPASSED.

Explanation: The IMS command -START AREA printed just above this message has failed, following a connection problem to IMS.

Severity: None

User response: None, warning message.

DRMV72-008E DB *dbname* AREA *areaname* CAN'T BE STARTED

Explanation: The area *areaname* of the database *dbname* could not be started. The message issued by IMS is preceding.

Severity: Irrelevant

User response: Study the preceding IMS message, and perform the necessary corrections.

DRMV72-008I TIMEOUT REACHED, START ABORTED.

Explanation: The maximum wait time for the start of the processed DEDB database has been reached. This wait time depends on RETRY and WAIT parameters.

Severity: Abend 4001

User response: None, informational message.

DRMV72-009W STOP DB PROCESS INTERRUPTED BY AN IMS CONNECTION PROBLEM.

Explanation: The IMS command printed just above this message has failed, following a connection problem to IMS.

Severity: None

User response: None, warning message.

DRMV72-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMV73-nnnX

DRMV73-001E VOLUME *volume* CANNOT BE ALLOCATED

Explanation: The volume *volume* could not be allocated. This message is preceded by a more precise message.

Severity: Irrelevant. Processing proceeds and the default values found in the parmlib for the current function will be used in place of information not found in the ICF catalog.

User response: None

DRMV73-002E DATASET *dsname* DSCB OBTAIN ERROR *rc* FROM VOLUME *volume*

Explanation: The reading of the DSCB of the data set *dsname* on the volume whose label is *volume* has failed. The return code *rc* of OBTAIN is indicated.

Severity: Irrelevant. Processing proceeds and the default values found in the parmlib for the current function will be used in place of information not found in the ICF catalog.

User response: Verify the features of the data set *dsname*.

DRMV73-005E DATASET *dsname* DSCB OBTAIN ERROR *rc* FROM VOLUME *volume*

Explanation: The reading of the DSCB of the component data of the examined VSAM cluster, *dsname dsname*, on the volume whose label is *volume* has failed. The return code *rc* of OBTAIN is indicated.

Severity: Irrelevant. Processing proceeds and the default values found in the parmlib for the current function will be used in place of information not found in the catalog ICF.

User response: Verify the features of the data set *dsname*.

DRMV73-006E DATASET *dsname* IS NOT A VSAM DATASET

Explanation: The data set *dsname* is not recognized as a VSAM data set, although the VSAM cluster containing a DB2 table space was expected.

Severity: Irrelevant. Processing proceeds and the default values found in the parmlib for the current function will be used in place of information not found in the ICF catalog.

User response: Verify the features of the data set *dsname*.

DRMV73-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages that describe the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMV76-nnnX

DRMV76-001E INFORMATION ON DATASET dsname NOT AVAILABLE

Explanation: Information on the data set *dsname* could not be obtained, either because this data set is not cataloged, or for a reason indicated in a preceding message.

Severity: Irrelevant. Processing proceeds and the default values found in the parmlib for the current function will be used in place of information not found in the ICF catalog.

User response: Verify the features of the data set *dsname*.

DRMV76-007E NO USABLE VCATNAME FOR TABLESPACE tsname IN DATABASE dbname

Explanation: The name of the VSAM catalog read in SYSIBM.SYSTABLEPART (VCATNAME column) or in the DRMXDB2S member of the parmlib (VSAMCAT parameter) is unsuitable for use as the first qualifier in the dsname of the data set containing the table space *dbname.tsname*.

Severity: Irrelevant. Processing proceeds and the default values found in the parmlib for the current function will be used in place of information not found in the ICF catalog.

User response: Verify the VSAMCAT variable in the DRMXDB2S member of the parmlib.

Messages DRMV78-nnnX

DRMV78-001E TABLESPACE *tsname* IN DATABASE
dbname HAS LESS THAN *n*
DATASETS

Explanation: The DSSEL parameter of the command or the parmlib member indicating the default values for the requested function specifies a data set or partition number *n* higher than the number of data sets or partitions of the table space processed *dbname.tsname*.

Severity: Abend 4001

User response: Modify selection parameters or DSSEL parameter in the command or the parmlib member indicating the default values for the requested function: the selection criteria (TS,DBSET,AUTHID) should result in a list of table spaces having at least *n* data sets or partitions if DSSEL=*n*.

DRMV78-002E DSSEL *dssel* IS NOT AN
ADMISSIBLE VALUE

Explanation: The admissible values of the DSSEL parameter are 'ALL' (the default), or 'DATASET', or a number between 1 and 64.

Severity: Abend 4001

User response: Correct the DSSEL parameter in the command or parmlib member indicating the default values for the requested function.

Messages DRMV79-nnnX

DRMV79-002E DSEL xxx IS NOT AN ADMISSIBLE VALUE

Explanation: The value entered for DSEL=xxx is incorrect. See appropriate manuals for information about the authorized values for this parameter.

Severity: Abend 4001

User response: Correct the DSEL parameter in SYSIN or in the parmlib member corresponding to the required function, then restart processing.

DRMV79-003E SIZEPRCT.... IS NOT AN ADMISSIBLE VALUE

Explanation: Syntax error

Severity: Abend 4001

User response: Correct accordingly.

DRMV79-004E UPDPRCT xxx IS NOT AN ADMISSIBLE VALUE

Explanation: The value entered for UPDPRCT=xxx is incorrect. See the appropriate manuals for information about the authorized values for this parameter.

Severity: Abend 4001

User response: Correct the UPDPRCT parameter in SYSIN or in the parmlib member corresponding to the required function; the restart processing.

DRMV79-005W UNABLE TO GET INFORMATION ABOUT MODIFIED PAGES FOR TABLESPACE tname IN DATABASE dbname

Explanation: A failure was encountered when reading the space map pages of the specified table space. The incremental image copy data set for this table space will be allocated by using the default values USP, PSP and SSP if this data set is on disk.

Severity: None

User response: Examine the output data set to find possible system messages that explain the error and check the status of the VSAM data sets that contain the specified table space.

DRMV79-006W NO FULL IMAGE COPY FOUND FOR TABLESPACE tname DATABASE dbname

Explanation: No notification of a full image copy was found in SYSIBM.SYSCOPY for the specified table space. Therefore, it is not possible to take an incremental image copy. According to the parameters that were specified for the DRMIIC function,

Application Recovery Tool will decide to either take an FIC, or to ignore this table space, or to interrupt the processing issuing an error message/code.

Severity: None

User response: Check that the table space is taken into account for the image copy planning.

DRMV79-007W LAST operation DISALLOWS INCREMENTAL IMAGE COPY ON TABLESPACE tname DATABASE dbname

Explanation: One of the following actions has been done on the specified table space: LOAD LOG(YES), REORG LOG(YES) or RECOVER TOCOPY. But, no image copy has been subsequently taken on this table space. In this case, no incremental image copy can be taken, and Application Recovery Tool will decide to either take an FIC, to ignore this table space or to interrupt the processing on error, according to parameters specified for the DRMIIC function.

Severity: None

User response: Check that the table space is taken into account for the image copy planning.

DRMV79-008I n% PAGES MODIFIED IN TABLESPACE tname DATABASE dbname

Explanation: This message is issued if the updating threshold is reached or exceeds the limit specified within the UPDPRCT parameter. Thus, a full image copy will be taken of the table space.

Severity: Abend 4001

User response: None, informational message.

DRMV79-009I n% PAGES MODIFIED IN TABLESPACE FILE dsname

Explanation: This message is issued when the updating threshold specified within the UPDPRCT parameter is reached or exceeded. Thus, a full image copy is taken of the table space.

Severity: Abend 4001

User response: None, informational message.

DRMV79-010E LAST IIC FOR TABLESPACE tname IN DATABASE dbname IS FOR LOCAL SITE ONLY - CONFLICT WITH RCPRIM VALUE

Explanation: The utility is unable to take a local and a recovery incremental image copy if only a local incremental image copy was taken previously. The

parameters of the DRMIIC function will determine if this situation must be considered as being an error or not.

Severity: None

User response: Check that the table space is taken into account for the image copy planning for the recovery site.

**DRMV79-011E LAST FIC FOR TABLESPACE *tsname*
IN DATABASE *dbname* DSNUM *n* IS
FOR ONE SITE ONLY - CONFLICT
WITH RCPRIM VALUE**

Explanation: The utility is unable to take a local and a recovery incremental image copy if only a local incremental copy was taken previously. The parameters of the DRMIIC function will determine if this situation must be considered as being an error or not.

Severity: None

User response: Check that the table space is taken into account for the image copy planning for the recovery site.

**DRMV79-012I NO PAGES MODIFIED IN
TABLESPACE *tsname* DATABASE
*dbname***

Explanation: None of the pages of the specified table space has been modified since its last image copy. Therefore, it is not necessary to take an incremental image copy for this table space.

Severity: None

User response: Check the incremental image copy rate for this table space.

**DRMV79-013I NO PAGES MODIFIED IN
TABLESPACE FILE *dsname***

Explanation: None of the pages of the specified table space data set has been modified since its last image copy. Therefore, it is not necessary to take an incremental image copy for this table space data set.

Severity: None

User response: Check the incremental image copy rate for this table space data set.

**DRMV79-014E NO PAGES MODIFIED IN
TABLESPACE SCT02 DATABASE
DSNDB01 - NO IIC TAKEN**

Explanation: None of the pages of the DSNDB01.SCT02 catalog table space has been modified since its last image copy. Therefore, it is not necessary to take an incremental image copy for this catalog table space. As the catalog is handled as a whole by

Application Recovery Tool, no copy is taken if this situation occurs.

Severity: Abend 4001

User response: Check the incremental image copy rate for the catalog table spaces.

**DRMV79-015W LAST FIC FOR TABLESPACE
tsname IN DATABASE *dbname*
DSNUM *n* IS CONCURRENT, IIC WILL
BE CHANGED IN FIC**

Explanation: An IIC cannot be taken if the last FIC is CONCURRENT; the function automatically modifies the request in order to take a full image copy.

Severity: None

User response: None, warning message.

| **DRMV79-017E LAST FIC FOR TABLESPACE *ts.name*
| DSNUM IS A FLASH COPY. IIC IS
| NOT ALLOWED**

| **Explanation:** The requested incremental image copy
| cannot be created because the latest full image copy for
| the specified table space was made with the
| FLASHCOPY option.

| **Severity:** Abend 4001

| **User response:** No action is required.

**DRMV79-097E INTERRUPT BY NON-
RECOVERABLE ERROR**

Explanation: This message follows other messages that describe the error encountered.

Severity: Abend 4001

User response: Check the previous messages and correct accordingly.

Messages DRMV80-nnnX

**DRMV80-001E VSAM ERROR RC = rc REASON =
rs FUNCTION = function**

Explanation: An error was encountered when trying to directly access the DB2 table spaces (VSAM data sets)

Severity: Abend 4001

User response: Check the VSAM error codes and correct accordingly.

**DRMV80-097E INTERRUPT BY NON-
RECOVERABLE ERROR**

Explanation: This message is issued after other messages that describe the error.

Severity: Abend 4001

User response: Check the previous messages and correct accordingly.

Messages DRMV81-nnnX

**DRMV81-001E DSEL xxx IS NOT AN
ADMISSIBLE VALUE**

Explanation: The value that was specified for the DSEL parameter is incorrect. See the Application Recovery Tool for IMS and DB2 Databases User's Guide (SC27-0980) for additional information about the correct syntax of the required function.

Severity: Abend 4001

User response: Correct the DSEL parameter in the SYSIN or inside the parmlib member corresponding to the required function, and restart the process.

Messages DRMV82-nnnX

**DRMV82-002I ARCHIVE dsname WITH RANGE
lowrba - highrba HAS BEEN SKIPPED**

Explanation: The specified log archive data set does not fit into the RBA interval being used and is, therefore, skipped.

Severity: Abend 4001

User response: None, informational message.

**DRMV82-003I ARCHIVE dsname WITH RANGE
lowrba - highrba HAS BEEN
SELECTED**

Explanation: The specified log archive data set fits

into the RBA interval being used and is, therefore, selected.

Severity: Abend 4001

User response: None, informational message.

**DRMV82-004I BSDS ARCHIVE dsname HAS BEEN
FOUND AND SELECTED**

Explanation: The specified dual log data set has been selected.

Severity: Abend 4001

User response: None, informational message.

Messages DRMV83-nnnX

**DRMV83-001E DSEL xxx IS NOT AN
ADMISSIBLE VALUE**

Explanation: The value that was specified for the DSEL parameter is incorrect. See the Application Recovery Tool for IMS and DB2 Databases User's Guide (SC27-0980) for additional information about the correct syntax of the required function.

Severity: Abend 4001

User response: Correct the DSEL parameter in the SYSIN or inside the corresponding parmlib member.

Messages DRMV84-nnnX

DRMV84-001I THE TABLESPACE *tablespace* HAS NO TABLES

Explanation: The specified table space does not yet contain tables.

Severity: Abend 4001

User response: None, informational message.

| DRMV84-002I THE FOLLOWING TABLESPACE(S)
| HAVE BEEN SELECTED FOR ALL
| TSSET : DATABASE *dbname ts-name-1*
| *ts-name-2 ts-name-3...*

| **Explanation:** This message displays the list of the
| selected objects that satisfy the selection criteria given
| by the TS, EXTS, DBSET, TSSET parameters. The names
| of the table spaces are displayed after the name of the
| database to which they belong.

| **Severity:** None.

| **User response:** No action is required.

DRMV84-003I QUIESCE OF DSNDB06.SYSDBASE HAS FAILED - SWITCH TO ACCESS=SQL

Explanation: The QUIESCE on the DSNDB06.SYSDBASE table space has failed. Therefore, the DB2 catalog will be read by using standard SQL access.

Severity: Abend 4001

User response: None, informational message.

DRMV84-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message follows other messages that describe the error.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.

Messages DRMV85-nnnX

DRMV85-002E ERROR CALLING DRMRDTS RETURN CODE IS rc

Explanation: A failure was encountered during the direct read of the DB2 table space data sets done by the load module DRMRDTS. Either one or both problems was encountered: incoherence of the data that was read (to be solved by making a QUIESCE of the implied table spaces) or access competition when accessing the VSAM clusters.

Severity: None

User response: Examine the SYSOUT error messages to know if and why access completion is the reason for the failure. Otherwise, QUIESCE the implied table spaces.

DRMV85-003E LOAD MODULE DRMRDTS NOT FOUND

Explanation: Starting the load module DRMDBASE using TSO has failed as DRMRDTS cannot be found in LINKLIST or STEPLIB. This is probably an installation problem that occurs only when processing the DRMIIC function for the first time.

Severity: Abend 4001

User response: Recopy DRMRDTS into the LINKLIST.

DRMV85-004E FAILED CALL TO LOAD MODULE DRMRDTS WITH SYSTEM ABEND CODE n

Explanation: Processing of the DRMRDTS load module failed.

Severity: Abend 4001

User response: Examine the system messages that were issued to analyze the error and restart. Otherwise, contact your IBM representative.

DRMV85-005E FAILED CALL TO LOAD MODULE DRMRDTS WITH USER ABEND CODE n

Explanation: Processing of the DRMDRTS load module failed.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMV85-010W CHECKING MODIFIED PAGES HAS FAILED FOR DSNNAME dsname

Explanation: A failure was encountered when reading the space map page of the specified table space data set. Thus, the incremental image copy data set will be allocated according to the default parameters: USP, PSP

and TSP if the data set is on disk.

Severity: None

User response: Examine the system messages from the output report to determine the error.

DRMV85-097E INTERRUPT BY NON- RECOVERABLE ERROR

Explanation: This message follows others that describe the error.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.

Messages DRMV86-nnnX

DRMV86-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message follows others that describe the error.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.

Messages DRMV87-nnnX

DRMV87-001I NO TS FOUND IN DB2 FOR THE PLAN *plan*

Explanation: This message is issued to explain that no relation was found between the specified plan name(s) and a table space (an SQL statement resulting from the DRMQPLLP skeleton was submitted to check the DB2 catalog.)

Severity: Abend 4001

User response: None, informational message.

DRMV87-003I QUIESCE OF DSNDB06.SYSPLAN/ SYSPKAGE HAS FAILED - SWITCH TO ACCESS=SQL

Explanation: A failure was encountered when making a QUIESCE on the DSNDB06.SYSDBASE table space. Therefore, the read of the DB2 catalog will be performed by means of standard SQL access.

Severity: Abend 4001

User response: None, informational message.

| DRMV87-005I CATALOG TABLESPACE *tsname*,
| ACCESSED BY PLAN *plan-name*, IS
| NOT PROCESSED

| **Explanation:** The specified plan accesses a catalog
| table space. Because the function in progress does not
| support processing the catalog table spaces, the
| specified table space is skipped.

| **Severity:** None.

| **User response:** No action is required.

DRMV87-097E INTERRUPT BY NON- RECOVERABLE ERROR

Explanation: This message is issued following other messages that describe the errors that were encountered.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.

Messages DRMV88-nnnX

DRMV88-001W NO IMAGE COPIES FOUND TO MERGE FOR DB *dbname* TS *tsname* DSNUM *n*

Explanation: The table space *dbname.tsname* specified (or its *n*-th partition) does not have enough image copy to have a MERGECOPY performed with the NEWCOPY option mentioned. One of the three messages listed below follows, and describes the exact constraint found.

Severity: None

User response: None, warning message.

DRMV88-002I NO IIC FOUND

Explanation: The table space specified in the previous message (DRMV88-001W) has no incremental image copy. A MERGECOPY, in this case, has no purpose.

Severity: Abend 4001

User response: None, informational message.

DRMV88-002W NO FIC FOUND

Explanation: The table space specified in the previous message (DRMV88-001W) has no full image copy. This constitutes an anomaly that should be corrected by copying the table space (or the partition concerned).

Severity: None

User response: None, warning message.

DRMV88-003I ONLY ONE IIC FOUND

Explanation: The table space specified in the previous message (DRMV88-001W) has only one incremental image copy. A MERGECOPY with option NEWCOPY NO, in this case, has no purpose.

Severity: Abend 4001

User response: None, informational message.

DRMV88-004E DSSEL *dssel* IS NOT AN ADMISSIBLE VALUE

Explanation: The admissible values of the DSSEL parameter are 'ALL' (the default), or 'DATASET', or a number between 1 and 64.

Severity: Abend 4001

User response: Correct the DSSEL parameter in the command or parmlib member indicating the default values for the requested function.

DRMV88-004I LAST IIC/FIC WAS NOT FOR THE ENTIRE TABLESPACE

Explanation: A MERGECOPY cannot be performed at the table space level when the last copy was made at the data set level.

Severity: Abend 4001

User response: None, informational message.

DRMV88-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMV89-nnnX

**DRMV89-001I ONLY x IIC FOUND TO MERGE
FOR DB *dbname* TS *tsname* DSNUM n**

Explanation: For the number Informative; indicates the number x of incremental image copies to be merged for the specified table space *dbname.tsname* and data set number n .

Severity: Abend 4001

User response: None, informational message.

**DRMV89-004E DSEL *dssel* IS NOT AN
ADMISSIBLE VALUE**

Explanation: The admissible values of the DSEL parameter are 'ALL' (the default), or 'DATA SET', or a number between 1 and 64.

Severity: Abend 4001

User response: Correct the DSEL parameter in the command or parmlib member indicating the default values for the requested function.

**DRMV89-097E INTERRUPT BY NON-
RECOVERABLE ERROR**

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMV90-nnnX

DRMV90-001I NO TS FOUND IN DB2 FOR THE PACKAGE packname IN COLLECTION collid

Explanation: Processing of SQL statement DRMQPKDP in order to find all table spaces on which rely packages *packname* in collection *collid* (with generic or specific names) found no table space at all.

Severity: Abend 4001

User response: None, informational message.

DRMV90-003E SYNTAX ERROR, INVALID VALUE FOR KEYWORD PKLIST - LIST OF COLLID.PACKNAME EXPECTED

Explanation: The value of list parameter PKLIST= is unacceptable; each item in the list must be a qualified package name in the form collid.packname (specific or generic).

Severity: Abend 4001

User response: Correct parameter PKLIST= in the command.

DRMV90-004I PACKAGES DO NOT EXIST IN CURRENT DB2 RELEASE

Explanation: Parameter PKLIST= was mentioned in the command but in current DB2 version (anterior to 230) packages do not exist: the command is found inconsistent with the DB2 subsystem.

Severity: Abend 4001

User response: Suppress parameter PKLIST= in the command, or correct the name of the DB2 subsystem, or check that load module DSNHDECP in the DB2EXIT library (specified in parmlib member DRMXDB2S) is up-to-date.

DRMV90-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

Messages DRMV91-nnnX

DRMV91-001E SSID SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of SSID records. This message is preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, then perform the necessary corrections.

DRMV91-001I THE ABENDED BATCH *ssidname* IS FOUND WITH *n* AUTHORIZED DB. THE LOG TIMESTAMP IS xxxxxxxxxxxx

Explanation: The current search in RECON has found the abended batch *ssidname* SSID record; this record mentions the number *n* of authorized databases. The corresponding log timestamp is given in the message.

Severity: Abend 4001

User response: None, informational message.

Messages DRMV92-nnnX

**DRMV92-001I NO TUNNELS HAVE BEEN
DETECTED.**

Explanation: No recovery has been done after the VIC point for the selected table spaces. No tunnel is possible.

Severity: Abend 4001

User response: None, informational message.

**DRMV92-097E INTERRUPT BY NON-
RECOVERABLE ERROR**

Explanation: This message is issued following other messages that describe the errors.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.

Messages DRMV93-nnnX

DRMV93-001E INFDB2CB FAILED RC rc

Explanation: No information about DB2 data sharing was found.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMV93-002E LOAD MODULE DRMCB WITH INFDB2CB NOT FOUND

Explanation: Starting the load module DRMCB using TSO has failed as DRMCB cannot be found in LINKLIST or STEPLIB. This is probably an installation problem that occurs only when processing DB2 functions for the first time.

Severity: None

User response: Copy the DRMCB load module into the LINKLIST.

DRMV93-003E FAILED CALL TO INFDB2CB WITH SYSTEM ABEND CODE n

Explanation: A failure occurred when processing the DRMCB module.

Severity: None

User response: Contact your IBM representative

DRMV93-004E FAILED CALL TO INFDB2CB WITH USER ABEND CODE n

Explanation: A failure occurred when processing the DRMCB module.

Severity: None

User response: Contact your IBM representative.

DRMV93-097E INTERRUPT BY NON- RECOVERABLE ERROR

Explanation: This message follows other messages that describe the error.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.

Messages DRMV94-nnnX

DRMV94-001E NOTHING TO DO. NO IMAGE COPIES TO KEEP

Explanation: The table spaces that were selected for the processing have no image copies.

Severity: Abend 4001

User response: Check the previous messages, especially the processing of SQL queries. If no error is detected, take image copies of all table spaces that are involved in the processing.

DRMV94-097E INTERRUPT BY NON- RECOVERABLE ERROR

Explanation: This message follows other messages that describe the errors.

Severity: Abend 4001

User response: Check the previous messages, especially the processing of SQL queries. If no error is detected, take image copies of all table spaces that are involved in the processing.

Messages DRMV95-nnnX

DRMV95-001E ERROR RETURN IN INFDB2X2.
DDN = ddname, REASON rc

Explanation: An error was encountered while performing a VSAM access to the DB2 catalog.

Severity: Abend 4001

User response: Check the status of the DB2 catalog, otherwise contact your IBM representative.

DRMV95-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message follows other messages that describe the error.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.

Messages DRMV96-nnnX

| DRMV96-001I NO CHANGE HAS OCCURRED FOR
| dbname.tsname RECOVERY IGNORED
| FOR THIS TS (PARAMETER
| FORCE=N/DLI)

| **Explanation:** No modification for the specified table
| space was done since a recovery was requested. Use
| values N or DLI of the FORCE parameter to avoid
| recovery processing.

Severity: Abend 4001

User response: None, informational message.

DRMV96-003I QUIESCE OF DSNDB01.SYSLGRNG
HAS FAILED - SWITCH TO
FORCE=Y/DB2

Explanation: A failure was encountered when making
a QUIESCE of the STSLGRNG(SYSLGRNX) table space.
Since it is not possible to know if the data was
modified, the function forces a recovery of all table
spaces involved in the processing.

Severity: Abend 4001

User response: None, informational message.

DRMV96-097E INTERRUPT BY NON-
RECOVERABLE ERROR

Explanation: This message follows others that describe
the error.

Severity: Abend 4001

User response: Examine the previous messages and
correct accordingly.

Messages DRMV97-nnnX

**DRMV97-001E ERROR RETURN INFDB2X2. DDN =
ddname, REASON rc**

Explanation: An error was encountered while performing a VSAM access to the DB2 catalog.

Severity: Abend 4001

User response: Check the status of the DB2 catalog. Otherwise, contact your IBM representative.

**DRMV97-097E INTERRUPT BY NON-
RECOVERABLE ERROR**

Explanation: This message follows others that describe the error.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.

Messages DRMV98-nnnX

DRMV98-002E SYNTAX ERROR - VARIABLE xxxx... IS TOO LONG

Explanation: The current value in list parameter processed is unacceptable: its constituent beginning with xxxx is too long.

Severity: Abend 4001

User response: Correct the parameter in the command.

DRMV98-003E SYNTAX ERROR - UNEXPECTED CONTINUATION xxxxxxxx... IN PARAMETER

Explanation: The current value in list parameter processed is unacceptable: it has an unexpected constituent beginning with xxxxxxxx.

Severity: Abend 4001

User response: Correct the parameter in the command.

DRMV98-004E SYNTAX ERROR - QUALIFIERS MISSING IN PARAMETER VALUE xxxxxxx...

Explanation: The current value xxxxxxxx in list parameter processed does not have the minimum number of constituents required.

Severity: Abend 4001

User response: Correct the parameter in the command.

Messages DRM01-nnnX

**DRM01-001I THE FOLLOWING USER INDEXES
OF CATALOG HAVE BEEN SELECTED**

Explanation: This message displays the list of user indexes that have been created on the DB2 catalog tables.

Severity:

User response:

**DRM01-002I NO USER INDEXES OF CATALOG
FOUND**

Explanation: This message informs the user that no user index has been created on the catalog tables.

Severity:

User response:

**DRM01-097E INTERRUPT BY NON-
RECOVERABLE ERROR**

Explanation: The call to the procedure for consulting the DB2 catalog has failed

Severity: Abend 4001

User response: Examine the previous messages and correct any errors. Ensure that the DRMXP00C load module is available.

Messages DRMx08-*nnnX*

DRMX08-001I THE FOLLOWING TABLE SPACE(S)
HAVE BEEN EXCLUDED

Explanation: This message is followed by a list of all table spaces that were excluded because they were specified by the EXTS parameter. This list can be empty.

Severity: None.

User response: None.

DRMX08-002I NO TS FOUND IN DB2 FOR
SEARCH ARGUMENT

Explanation: The EXTS parameter has been specified, but no table space matches the generic name.

Severity: None.

User response: None.

Messages DRM69-nnnX

DRM69-001I dbname.indexspace HAS NO LDS
FILE

Explanation: This message contains the name of the index that has been created using option DEFINE NO and for which a data set does not yet exist. This situation is identified for the processing that follows.

Severity: Abend 4001

User response: None, informational message.

DRM69-097E INTERRUPT BY NON-
RECOVERABLE ERROR

Explanation: The call to the procedure for consulting the DB2 catalog has failed

Severity: Abend 4001

User response: Examine the previous messages and correct any errors. Ensure that the DRMXPROC load module is available.

Messages DRMx83-*nnnX*

DRMX83-001E DB2DSGS MEMBER OF PARMLIB ALLOCATION ERROR *rc/rs*

Explanation: The dynamic allocation of member DB2DSGS of the parmlib has failed. *rc* specifies the return code; *rs* specifies the reason code.

Severity: Abend 4001

User response: Ensure that member DB2DSGS exists in the parmlib that is being used and that the correct characteristics have been specified.

DRMX83-001I DB2DSGS group ENTRY NOT FOUND IN PARMLIB MEMBER DB2DSGS

Explanation: The value of the DB2ID parameter does not correspond to a name of the DB2DSG group. This value has not been found in the DB2DSGS member that describes the DB2 data sharing groups. The value of the DB2ID is the name of the DB2 system (described in DB2IDS).

This message is followed by the list of work databases that are defined in the DB2 catalog. If no data sharing is used, only the database name, DSNDB07, is specified.

Messages DRMx84-*nnnX*

DRMX84-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: The utility encountered an error while retrieving information from the DB2 catalog.

Severity: Abend 4001

Severity: Abend 4001

User response: None, informational message.

DRMX83-007E DB2DSGS MEMBER OF PARMLIB NOT FOUND

Explanation: Member DB2DSGS does not exist in the parmlib that is used.

Severity: Abend 4001

User response: Check the name of the corresponding parmlib.

DRMX83-008E DB2DSGS group ENTRY IN ERROR IN PARMLIB MEMBER DB2DSGS

Explanation: A syntax error has been detected in the description of the DB2 data sharing group defined in member DB2DSGS of the corresponding parmlib.

Severity: Abend 4001

User response: Correct the syntax of member DB2DSGS of the corresponding parmlib, and retry.

User response: Check preceding messages for additional information about the reason for the error. Ensure that the DRMXPROC module can be accessed by the utility.

Messages DRMx88-nnnX

DRMX88-001I NO IX FOUND IN DB2 FOR ix SEARCH ARGUMENT

Explanation: None of the index spaces simultaneously corresponds to the specified criterion such as names of index space, database and creator that were specified in the IX list and the DBSET and AUTHID parameters.

This message is followed by the list of work databases that are defined in the DB2 catalog. If no data sharing is used, only the database name, DSNDB07, is specified.

Severity: Abend 4001

User response: None, informational message.

DRMX88-002I THE FOLLOWING INDEX SPACE(S) HAVE BEEN SELECTED:

Explanation: This message is followed by a list of index spaces that are selected for processing.

Severity: Abend 4001

User response: None, informational message.

DRMX88-097E INTERRUPT BY NON- RECOVERABLE ERROR

Explanation: The call to the procedure for consulting the DB2 catalog has failed.

Severity: Abend 4001

User response: Examine the previous messages and correct any errors. Ensure that the DRMXPROC load module is available.

Messages DRM91-nnnX

DRM91-001I NO IX FOUND IN DB2 FOR ix SEARCH ARGUMENT

Explanation: None of the index spaces simultaneously corresponds to the specified criterion such as names of index space, database and creator that were specified in the IX list and the DBSET and AUTHID parameters.

This message is followed by the list of work databases that are defined in the DB2 catalog. If no data sharing is used, only the database name, DSNDB07, is specified.

Severity: Abend 4001

User response: None, informational message.

DRM971-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: The call to the procedure for consulting the DB2 catalog has failed.

Severity: Abend 4001

User response: Examine the previous messages and correct any errors. Ensure that the DRMXPROC load module is available.

Messages DRMY01-nnnX

DRMY01-001E ERROR CALLING DRMIMSRO, RETURN CODE IS n

Explanation: The call to the DRMIMSRO load module that processes IMS commands using the TSO ROUTE command has failed.

Severity: Abend 4001

User response: Examine the other messages in the SYSOUT data set, and contact your IBM representative.

DRMY01-001I ACTIVATING AN EXTENDED MCS CONSOLE

Explanation: This message provides information about the processing of IMS commands on IMS data sharing groups.

Severity: Abend 4001

User response: None, informational message.

DRMY01-002E LOAD MODULE DRMIMSRO NOT FOUND

Explanation: A failure was encountered when starting the DRMIMSRO load module through TSO. The DRMIMSRO load module cannot be found in LINKLIST or in STEPLIB. This situation is caused by an installation problem that happens only when first attempting AOP on an IMS data sharing group.

Severity: Abend 4001

User response: Copy the DRMIMSRO load module into the LINKLIST library. Also, see the *Application Recovery Tool for IMS and DB2 Databases User's Guide*, SC27-0980.

DRMY01-002I ROUTING COMMANDS FROM AN EXTENDED MCS CONSOLE

Explanation: This message provides information about the processing of IMS commands on IMS data sharing groups.

Severity: Abend 4001

User response: None, informational message.

DRMY01-003E FAILED CALL TO LOAD MODULE DRMIMSRO WITH SYSTEM ABEND CODE n

Explanation: The processing of the DRMIMSRO load module has failed (see the specified system abend code). This module processes IMS commands on IMS data sharing groups specified by the IMSID parameter and described in member DRMXISGS in the parmlib.

Severity: Abend 4001

User response: Examine the system messages that are issued with this message and the specified abend code to correct the reason for the error; then, resubmit the job. Otherwise, contact your IBM representative.

DRMY01-003I DEACTIVATING AN EXTENDED MCS CONSOLE

Explanation: This message provides information about the processing of IMS commands on IMS data sharing groups.

Severity: Abend 4001

User response: None, informational message.

DRMY01-004E FAILED CALL TO LOAD MODULE DRMIMSRO WITH USER ABEND CODE n

Explanation: The processing of the DRMIMSRO load module has failed (see the specified system abend code). This module processes IMS commands on IMS data sharing groups specified by the IMSID parameter and described in member DRMXISGS in the parmlib.

Severity: Abend 4001

User response: Examine the system messages that are issued with this message and the specified abend code to correct the reason for the error; then, resubmit the job. Otherwise, contact your IBM representative.

DRMY01-011I COMMAND WITH RESPONSE command-ims

Explanation: This message indicates that the command specified above remains without any response.

Severity: Abend 4001

User response: None, informational message.

DRMY01-012E SYSGRP PARAMETER IS EMPTY

Explanation: The value of the SYSGRP parameter of the IMSDSG data sharing group described in member DRMXISGS of the parmlib is blank.

Severity: Abend 4001

User response: Correct the value of the SYSGRP parameter, then resubmit your job.

DRMY01-097E INTERRUPT BY NON- RECOVERABLE ERROR

Explanation: This message is issued with other messages that describe the error or errors.

Severity: Abend 4001

| **User response:** Examine the messages that are issued | prior to this message, and correct any errors.
|

Messages DRMY27-nnnX

DRMY27-001E PART SEARCH ERROR

Explanation: An error was encountered when searching the RECON data set for records that are related to the partitions of the database mentioned in the previous message. Message DRMU20-003 is issued prior to messages DRMY27-001I and DRMY27-001E and contains the VSAM error codes.

Severity: Abend 4001

User response: Examine the VSAM error codes that are specified in message DRMU20-003E, and correct any errors.

DRMY27-001I DBD dbmaster PART partition

Explanation: Specifies the dbname of a HALDB master base and the name of the last partition that was found. The partition that follows encountered a problem accessing the RECON data set that is described in message DRMU20-003E.

Severity: Abend 4001

User response: None, informational message.

Messages DRMY69-nnnX

DRMY69-001E DRMXISGS MEMBER PARMLIB ALLOCATION ERROR *rc/rs*

Explanation: The dynamic allocation of member DRMXISGS of the parmlib has failed; *rc* is the return code, and *rs* is the reason code.

Severity: Abend 4001

User response: Verify the existence and the features of the DRMXISGS member of the parmlib that is being used.

DRMY69-001I IMSDSG imsdsg ENTRY NOT FOUND IN PARMLIB MEMBER DRMXIDSG

Explanation: The value *imsdsg* of the IMSID parameter does not correspond to a name of an IMS data sharing group. Therefore, this value is considered as the name of the IMS subsystem, and is described in the DRMXIMSS member of the PARMLIB.

Severity: Abend 4001

User response: None, informational message.

DRMY69-002E DRMXISGS drmxisid ENTRY NOT FOUND IN PARMLIB MEMBER DRMXISGS

Explanation: The IMS *drmxisid* data sharing group is not described in member DRMXISGS of the parmlib that is currently in use.

Severity: Abend 4001

User response: If you are working in TP, check the name of the IMS data sharing group on the panel "user profile configuration" on the DRM main menu. If

necessary, correct this name, or add the name to member DRMXISGS of the parmlib that is currently in use.

If you are working in batch, check the name of the IMS data sharing group that is specified in the PARM field of the EXEC card as follows: ([,..]IMSID, '*imsid*'[,..]) and, if necessary, correct this name or add the name to member DRMXISGS of the parmlib that is currently in use.

If the EXEC card does not contain the IMSID parameter, check the name of the default IMS system that is specified in member SYSIDS of the parmlib (parameter DEFIMSID).

DRMY69-007E DRMXISGS MEMBER OF PARMLIB NOT FOUND

Explanation: Member DRMXISGS does not exist in the parmlib that is currently in use.

Severity: Abend 4001

User response: Check the name of the parmlib currently in use, or restore the member DRMXISGS according to the documentation or original installation.

DRMY69-008E DRMXISGS drmxisid ENTRY IN ERROR IN PARMLIB MEMBER DRMXISGS

Explanation: The description of the DRMXISGS data sharing group named *drmxisid* in member DRMXISGS of the parmlib currently in use contains a syntax error.

Severity: Abend 4001

User response: Correct the syntax of member DRMXISGS of the parmlib currently in use.

Messages DRMY31-nnnX

DRMY31-001I DBD xxxxxxxx DDN yyyyyyyy

Explanation: An error has occurred during the search in the RECON data set of records related to the QUIESCE DB, according to the criteria specified in the preceding message DRMY31-001I. Messages DRMY31-001I and DRMY31-001E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001.

User response: Examine the VSAM error codes and verify the consistency of search criteria, and then make the necessary corrections.

DRMY31-001E RECON SEARCH ERROR

Explanation: An error has occurred during the search

in the RECON data set of records related to the QUIESCE DB, according to the criteria specified in the preceding message DRMY31-001I. Messages DRMY31-001I and DRMY31-001E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001.

User response: Examine the VSAM error codes and verify the consistency of search criteria, and then do the necessary corrections.

DRMY31-097E RECON SEARCH ERROR

Explanation: Previous messages describe the error.

Severity: Abend 4001.

User response: See the previous messages and make

| the necessary changes that will fix the problem.

|

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