CA TLMS® Tape Management

TLMS_Messages_ENU

Release 12.6 Second Edition

CA Technologies Product References

This document references the following CA products:

- CA 1® Tape Management (CA 1)
- CA ACF2™ for z/OS (CA ACF2 for z/OS)
- CA TLMS® Tape Management (CA TLMS)
- CA Top Secret® (CA Top Secret)
- CA Vtape™ Virtual Tape System (CA Vtape VTS)

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- Information about user communities and forums
- Product and documentation downloads
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Chapter 1: Introduction

This guide contains all messages that are generated by CA TLMS and those messages that are generated by the common components CA TLMS interfaces with. These components include Common Tape System (CTS) and CA Gate utilities. CA TLMS abend code definitions are also provided. CA TLMS refers to the family of products that include CA TLMS, CTS, and CA Gate.

The messages are listed in ascending order by message prefix. An explanation and a response or recommended action for recovery accompanies each message.

A one-character severity code at the end of each message prefix aids in determining the type of condition that generated the message. This code can be one of the following:

Prefix Code	Meaning
A	You must perform a specific *action* before continuing.
D	You must make a *decision* before continuing. That is, you must reply to this message.
E	This is an *error* message, as opposed to a warning or informational message.
I	This message is for *informational purposes* only.
P	*Processing* terminated for the currently running task. An operator command is required.
W	This is a *warning* message. Processing continues.

Chapter 2: CA$F - Common Tape System Messages

This chapter describes all the Common Tape System Messages.

CA$F000 - CA$F099

CA$F000R

CA COMMON TAPE SYSTEM COMMANDS?

Reason:

This message appears when the WTOR option is specified. Commands to CTS may be entered as a reply to this message.

Action:

Enter desired CTS commands.

CA$F001E

REQUIRED MODULE MISSING - xxxxxxxx

Reason:

The module identified in the message cannot be located.

Action:

Verify that the module listed in the message resides on a library in your STEPLIB or link list and restart CTS.

CA$F003E

OPEN UNSUCCESSFUL ON FILE - xxxxxxxx

Reason:

An OPEN was unsuccessful for the file listed in the message.

Action:

Ensure that the DD statement of the file is coded properly in the JCL and restart CTS.

CA$F005E

DYNAMIC ALLOCATION ERROR ON xxxxxxxx RC=xxxx,EC=xxxx,IN=xxxx

Reason:

A dynamic allocation error occurred on the DDNAME listed in the message. The dynamic allocation return code (RC), error code (EC), and information code (IN) are listed in the message.

Action:

Check to ensure the DDNAME listed in the message does NOT exist in the CTS startup JCL and that the corresponding OUTPUT statement for the printer being dynamically allocated DOES exist and is coded correctly. See the *IBM MVS/ESA System Programming Library: Application Development Guide* for more information on dynamic allocation codes.

CA$F006E

VOLUME NOT FOUND ON DATABASE - xxxxxx

Reason:

A VOLUME request for the volume serial number listed on the message was requested but the volume serial number does NOT exist on the VMF.

Action:

Correct and resubmit the request.

CA$F007E

LABEL IMAGE ROWS xxxx OR COLUMNS xxxx INVALID

Reason:

The label image processed by the output label processor contains an invalid number of ROWS or COLUMNS as listed in the message. ROWS must be from 1 to 66 and COLUMNS must be from 1 to 132.

Action:

Correct, restart the LAB subtask, and resubmit the request.

This TLM--CA$F007E is the same number as the one in CTSDEU--Data Erase Utility Message

CA$F008E

LABEL REQUEST PRINTER VALUE(S) INVALID - x-x-x

Reason:

The three printer request fields for the label request are listed in the message above. These values relate to PRINTER1, PRINTER2 and PRINTER3 respectively. The value for each of these must be Y (to select the specific printer for output) or N (to bypass the printer).

Action:

Correct, restart the LAB subtask, and resubmit the request.

CA$F009E

LABEL REQUEST WTO ROUTE CODE(S) INVALID - xxxx-xxxx-xxxx

Reason:

The three WTO route codes for the label request are listed in the message above. The value for each of these must be 001 through 128 to select the specific route code or 000 to not assign a WTO route code.

Action:

Correct, restart the LAB subtask, and resubmit the request.

CA$F010E

PROGRAM PARAMETER LIST IS MISSING OR INVALID

Reason:

The program parameter list for either the input or output label processor is invalid. The calling sequence must contain two addresses. The first address must point to the CA Common Services for z/OS EARL Service label image record and the second address must point to the CA Common Services for z/OS EARL Service communication area.

Action:

Correct, restart the LAB subtask, and resubmit the request.

CA$F017E

INPUT REQUEST TYPE "x" IS INVALID

Reason:

The input request type listed in the message above is invalid for the label output processor. Valid request types are **L** (Label request), **S** (Spinoff request), and **C** (Close request).

Action:

Correct, restart the LAB subtask, and resubmit the request.

CA$F018I

SPINOFF REQUEST PROCESSED SUCCESSFULLY

Reason:

The label output processor received a SPINOFF request and it was processed successfully.

Action:

None. This is an informative message.

CA$F020E

CCI RC=xxxx,DRC=xxxxxxxx,ERC=xxxxxxxx-xxxxxxxxxxxxxxxxxxxxxxxx

Reason:

An error has occurred processing a CAICCI request. The CAICCI return code (RC), detailed return code (DRC), extended return code (ERC), and error description are listed in the message. See CA Common Services for z/OS documentation for additional information.

Action:

Ensure that CAICCI and CAIENF are active. Once the problem has been resolved, resubmit the request.

CA$F000 - CA$F099

CA$F021E

CCI DESTINATION INVALID - "xxxxxxxxxxxxxxxxxxxxx"

Reason:

The CAICCI destination listed in the message is invalid as entered. See the CA Common Services for z/OS documentation for additional information.

Action:

Correct, restart the LAB subtask, and resubmit the request.

CA$F022E

CCI DESTINATION NOT AVAILABLE - "xxxxxxxxxxxxxxxxxxxxx"

Reason:

The CAICCI destination listed in the message is currently notavailable on the ENF/CCI network. See CA Common Services for z/OS documentation for additional information.

Action:

Correct and resubmit the request.

CA$F026E

INVALID REQUEST/VALUE - xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Reason:

The command that was issued to the LAB subtask or the parameter accompanying the command is invalid. If a command and parameter were entered, make sure they are separated by a blank and enclosed within single quotes or parentheses. (For example, **'SPINOFF PRINTER1'**)

Action:

Correct and resubmit the request.

CA$F027E

REQUEST NOT PROCESSED - xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Reason:

The command that was issued to the LAB subtask was not processed due to a previous error.

Action:

Correct and resubmit the request.

CA$F028I

LABEL PROCESSING STATUS - STARTED AT hh:mm:ss ON xxxxxxxxxx

Reason:

This message is issued as a result of the STATUS command. It indicates the time and date the label processing was initiated. This message is accompanied by message CA$F029I.

Action:

None. This is an informative message.

CA$F029I

VOLUME=nnnnn,DATA=nnnnn,LABEL=nnnnn,SPINOFF=nnnnn,ERRS=nnnnn

Reason:

This message is issued as a result of the STATUS command. It indicates the current count of VOLUME, DATA, LABEL and SPINOFF requests that have been processed since the label processor was initiated. Additionally, an error count associated with VOLUME requests is provided. This message is preceded by message CA$F028I.

Action:

None. This is an informative message.

CA$F030I

LABEL INITIALIZATION STARTED

Reason:

This message is issued when the label processor is started.

Action:

None. This is an informative message.

CA$F031I

LABEL INITIALIZATION COMPLETED

Reason:

This message is issued when the label input processor has completed the initialization process and is ready to receive and process input requests through CA Common Services for z/OS CAICCI.

Action:

None. This is an informative message.

CA$F032I

LABEL PROCESSING COMPLETED

Reason:

This message is issued when the label processor has closed all files and processing has terminated.

Action:

None. This is an informative message.

CA$F060I

NONSTANDARD LABELS FOUND ON TAPE ***

Reason:

The tape mounted for TAPE MAP (TMAP) processing contains labels that are not standard labels. Only ANSI Label (AL) or Standard Label (SL) tapes can be mapped by the TMAP task.

Action:

None. This is an information message. The tape is dismounted.

CA$F061E

CANNOT OPEN PRINT FILE FOR TAPE MAP

Reason:

The SYSPRINT DD statement could not be opened.

Action:

Ensure there is a SYSPRINT DD statement in the CTS procedure before starting the TAPE MAPT task.

CA$F062E

SVC 99 ERROR – DDNAME 'cccccccc' – ERROR CODE 'nnnn' – REASON CODE 'mmmm'

Reason:

The requested volser could not be allocated on the requested unit type. Either the unit type specified was not valid, or the virtual or robotic tape system rejected it for the requested volume.

Action:

Ensure that the requested volume to tape map can be allocated and read on the requested device. See the IBM manual 'MVS Authorized Assembler Services Guide MVS Authorized Assembler Services Guide'. For example, a REASON CODE 021C indicates that the UNIT specified is undefined.

CA$F068I

TAPE MAP COMPLETE: VOLUME CONTAINS nnnnnn FILES *

Reason:

The TAPE MAP requested for the volume was complete and the volume contains nnnnnn files. The tape is dismounted

Action:

None. This message is informational only.

CA$F100 - CA$F199

CA$F108E

INIE xxxxxxxx1xxxxxxxx2xxxxxxxx3xxxxxxxx4

Reason:

CTSINITE: This message indicates the type of error encountered while building the External Data Manager table. The variable portion of the message is replaced by one of the following:

```
'First non-blank field is not a keyword'
'Duplicate keyword or missing EDM keyword'
'Missing EDM keyword'
'Parameter too large or small for keyword'
'At least 1 keyword must be specified'
'Bad masking combination specified'
'Invalid Parameter passed'
```

Action:

Correct the problem and rerun.

CA$F109E

INIE ERROR BUILDING EXTERNAL DATA MANAGER TABLE

Reason:

CTSINIE: This message follows CA$F108E indicating an error has occurred while building the EDM table.

Action:

Correct the problem indicated and rerun.

CA$F120I

INIE Beginning xxxxxxxx procedure

Reason:

This message is issued to indicate that processing of the External Data Manager (EDM) definitions in the CAI.CTAPOPTN member has been initiated. The member being processed will appear in place of 'xxxxxxxx'.

Action:

None. This is an informative message.

CA$F121I

INIE Processing for CTSOPTNS member xxxxxxxx complete

Reason:

This message is issued to indicate that processing of the External Data Manager (EDM) definitions in the CAI.CTAPOPTN member is complete. If errors were encountered, separate error messages with instructions precede this message. The member being processed will appear in place of 'xxxxxxxx'.

Action:

None. This is an informative message.

CA$F122I

Processing for CTSOPTNS XXXXXXXX bypassed

Reason:

The specified option member was bypassed because the CTSOPTNS DD statement was missing.

Action:

If EDM processing is performed, supply the required DD statement.

CA$F130E

INIP Invalid parameter'

Reason:

At least one invalid parameter was found while processing the CTOSCRxxor CTONSMxx.

Action:

Review the output for other errors. When the errors have been corrected, RE-INIT the CTS tables.

CA$F132I

INIP Beginning xxxxxxxx and yyyyyyyy procedure'

Reason:

This message is issued to indicate that processing of the scratch pool (CTOSCRxx) and scratch pool assignment (CTONSMxx) members are initiated. The members being processed appear in place of xxxxxxxx and yyyyyyyy.

Action:

None. This is an informative message.

CA$F133I

INIP Processing for CTSOPTN member xxxxxxxx complete'

Reason:

This message indicates that processing of the scratch pool definitions member CTOSCRxx or scratch pool assignment member CTONSMxx is complete. If errors were encountered, separate error messages with instructions precede this message. The member being processed appears in place of xxxxxxxx.

Action:

None. This is an informative message.

CA$F134I

INIP Processing for CTSOPTNS XXXXXXXX bypassed

Reason:

The specified option member was bypassed because the CTSOPTNS DDstatement was missing.

Action:

Supply the required DD statement if scratch pooling is to be performed.

CA$F135E

INIP Invalid Statement Syntax'

Reason:

No keyword could be found on this statement.

Action:

Correct and rerun.

CA$F136E

INIP Invalid keyword'

Reason:

This statement contains an unknown keyword.

Action:

Correct and rerun.

CA$F137E

INIP Invalid keyword value length'

Reason:

The specified value for this keyword has too many or too few characters.

Action:

Correct and rerun.

CA$F138E

INIP SCRPOOL keyword appears more than once'

Reason:

The SCRPOOL keyword may only be specified once per statement.

Action:

Correct and rerun.

CA$F139E

INIP Scratch Subpool name previously defined.

Reason:

The scratch pool name is the same as defined in a previous statement.

Action:

Correct and rerun.

CA$F140E

INIP RANGE keyword not found'

Reason:

A RANGE keyword parameter was not specified for the definition of a SCRPOOL.

Action:

Specify a valid RANGE keyword for the SCRPOOL and then RE-INIT the CTS tables.

CA$F141E

INIP SCRPOOL not first keyword'

Reason:

The SCRPOOL keyword must be specified first in each statement in the CTOSCRxx member.

Action:

Correct and rerun.

CA$F142E

INIP Invalid RANGE specification'

Reason:

VOLSERs in range not separated by '-'.

Action:

Correct and rerun.

CA$F143E

INIP Invalid RANGE volser(s)'

Reason:

VOLSERs in range statement must be 1 to 6 characters long.

Action:

Correct and rerun.

CA$F144E

INIP RANGE overlaps with RANGE previously defined'

Reason:

This range of VOLSERs overlaps a previously specified range.

Action:

Correct and rerun.

CA$F145E

INIP Number of Scratch Pool RANGEs exceeds 255'

Reason:

No more than 255 VOLSER ranges may be specified for a scratch pool.

Action:

Correct and rerun.

CA$F146E

INIP DSN keyword appears more than once'

Reason:

The DSN keyword may only be specified once per statement.

Action:

Correct and rerun.

CA$F147E

INIP JOB keyword appears more than once'

Reason:

The JOB keyword may only be specified once per statement.

Action:

Correct and rerun.

CA$F148E

INIP POOL keyword appears more than once'

Reason:

The POOL keyword may only be specified once per statement.

Action:

Correct and rerun.

CA$F149E

INIP DSN, JOB, UNIT, MGMTCLAS or EXPDT keyword not found.

Reason:

At least one of these keywords is required for a SCRPOOL statement.

Action:

Correct and rerun.

CA$F150E

INIP POOL keyword not found'

Reason:

POOL keyword required but not found.

Action:

Correct and rerun.

CA$F151E

INIP NSM rule NNNNN is a duplicate of rule MMMMM'

Reason:

These rules specify the same criteria.

Action:

Delete one of the rules.

CA$F152E

INIP Pool Name not found in Scratch Subpool table'

Reason:

A POOL specified in an NSM statement is not defined in the SCR member.

Action:

Correct and rerun.

CA$F153E

INIP UNIT keyword appears more than once'

Reason:

The UNIT keyword may only be specified once per statement.

Action:

Correct and rerun.

CA$F154E

INIP UNIT keyword contains invalid character'

Reason:

The value for UNIT must be four hexadecimal digits.

Action:

Correct and rerun.

CA$F159E

INIP MGMTCLAS keyword appears more than once'

Reason:

The MGMTCLAS keyword may only be specified once per statement.

Action:

Correct and rerun.

CA$F160E

INIP DSN, JOB, UNIT, EDM, EXPDT, RETPD invalid with MGMTCLAS keyword.

Reason:

These keywords cannot be specified with the MGMTCLAS keyword.

Action:

Correct and rerun.

CA$F161E

INIP DSN, JOB, UNIT, MGMTCLAS, EXPDT, RETPD invalid with EDM keyword'

Reason:

These keywords cannot be specified with the EDM keyword.

Action:

Correct and rerun.

CA$F162E

INIP EDM keyword appears more than once'

Reason:

The EDM keyword can only be specified once per statement.

Action:

Correct and rerun.

CA$F163E

INIP MGMTCLAS and EDM invalid with EXPDT keyword'

Reason:

These keywords cannot be specified with the EXPDT keyword.

Action:

Correct and rerun.

CA$F164E

INIP EXPDT keyword appears more than once'

Reason:

The EXPDT keyword can only be specified once per statement.

Action:

Correct and rerun.

CA$F165E

INIP EXPDT invalid -'

Reason:

The EXPDT keyword was specified with an invalid value.

Action:

Correct and rerun.

CA$F166E

INIP EXPDT and RETPD are mutually exclusive'

Reason:

EXPDT and RETPD cannot both be specified on the same statement.

Action:

Correct and rerun.

CA$F100 - CA$F199

CA$F167E

INIP RETPD keyword appears more than once'

Reason:

The RETPD keyword can only be specified once per statement.

Action:

Correct and rerun.

CA$F168E

INIP Invalid RETPD length specified'

Reason:

The value of RETPD must be 1 to 4 characters.

Action:

Correct and rerun.

CA$F169E

INIP Invalid RETPD range specified'

Reason:

An RETPD range was specified and the first value was not less than the second value.

Action:

Correct and rerun.

CA$F170E

INIP Invalid EXPDT length specified'

Reason:

The value for EXPDT must be 1 to 12 characters.

Action:

Correct and rerun.

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CA$F171E

INIP Invalid EXPDT range specified'

Reason:

An EXPDT range was specified and the first value was not less than the second value.

Action:

Correct and rerun.

CA$F181I

MSGP MESSAGE BYPASSED, RSN=xx

Reason:

CTSMSGPR: Debugging message showing action taken.

Action:

None. This is an informative message.

CA$F182E

MSGP UNABLE TO SERVICE MESSAGE REQUEST.

Reason:

CTSMSGVT:A WTO/WTOR was encountered with an invalid disposition field.

Action:

WTO/WTOR may not be related to tape processing. Report this message to CA TLMS Technical Support if you are having problems.

CA$F183I

MSGP MESSAGE BYPASSED DUE TO SUPPRESSION BY MPF.

Reason:

CTSMSGVT: Processing of the WTO/WTOR was bypassed due to suppression by MPF.

Action:

None. This is an informative message.

CA$F184I

MSGP MESSAGE BYPASSED DUE TO SUPPRESSION BY WTO USER EXIT.

Reason:

CTSMSGVT: Processing of the WTO/WTOR was bypassed due to suppression by WTO user exit.

Action:

None. This is an informative message.

CA$F185I

MSGP MESSAGE BYPASSED DUE TO SUPPRESSION BY A SUBSYSTEM.

Reason:

CTSMSGVT: Processing of the WTO/WTOR was bypassed due to suppression by a subsystem.

Action:

None. This is an informative message.

CA$F187I

MSGD DOM processed for uuuu - O=xxxx N=xxxx

Reason:

A WTO/WTOR has been DOM'ed (or removed) from the system.

Action:

None. This is an informative message.

CA$F200 - CA$F299

CA$F202I

Failed To Obtain O/C/E Work Area...No Stacking

Reason:

Memory could not be obtained by the tape stacking function.Tape stacking is not performed for this data set.

Action:

If this message appears often contact Technical Support at http://ca.com/support.

CA$F204I

TAPE EXPDT IS IN THE FUTURE.

Reason:

Volume has an EXPDT in the future.

Action:

None. This message is informational only.

CA$F300 - CA$F399

CA$F301W

FIRST VSQ > 1 AND FSQ = 1

Reason:

A logical chain of RMM volumes as defined by the next and previous volumes, starts with a volseq other than one and the file seq is equal to one. This is probably an incomplete chain. The file may not be useable.

The volumes are resequenced starting with volseq one and file one is shown as abended. Other files on the chain may be good.

Action:

None. This is an informational message.

CA$F302W

FIRST VSQ > 1 AND FSQ <> 1.

Reason:

A logical chain of RMM volumes as defined by the next and previous volumes, starts with a volseq other than one and the file seq is greater than one. This is probably an incomplete chain with part of another file on the front of the tape. All other files may be good.

The volumes are resequenced starting with volseq one and file one is created by copying the current file. This allows CA-Tape to create a valid chain and provides a default controlling dataset for daily maintenance.

Action:

None. This is an informational message.

CA$F303E

CHAIN TABLE SEARCH FAILED

Reason:

A matching base volume was not found for this volume. The RMM previous volume shows this volume on a chain but no other volume has this volser as its next volume. No base volume is set and a chaining error will occur in CA-Tape.

Action:

None. This is an informational message.

CA$F304E

CHAIN TABLE ADD FAILED.

Reason:

There is no space for this volume in the chaining conversion table. The maximum number of concurrent chains has been exceeded. Other volumes on this chain will not be matched with this base and become chaining errors.

Action:

None. This is an informational message.

CA$F800 - CA$F899

CA$F801E

INVALID FUNCTION.

Reason:

A CTS I/O program was called with an invalid function code.

Action:

Correct the function code in the calling program.

CA$F802E

IMPROPER SEQUENCE FOR THIS FUNCTION.

Reason:

The I/O module was called with a function out of sequence (for example, a GET before an OPEN).

Action:

Correct the calling program.

CA$F803E

SPECIFIED DDNAME NOT FOUND

Reason:

The DDname for the file being opened was not found for this job. See CA$F899 for DDname.

Action:

Add the DDname to the job.

CA$F804E

DSN=....+....1....+....2....+....3....+. IS NOT DSORG=??.

Reason:

The file is not the proper DSORG for this function.

Action:

Ensure the file is the same DSORG as specified in the message.

CA$F805E

OPEN cccccc FAILED FOR FILE

Reason:

An attempt to OPEN a file failed, where cccccc is either INPUT or OUTPUT.

Action:

Check for other messages, and ensure it is a good file.

CA$F806W

GET ISSUED AFTER EOF.

Reason:

An attempt was made to GET a record after the end-of-file.

Action:

Correct the calling program.

CA$F807E

ffffffff IS UNKNOWN CTL FUNCTION.

Reason:

The I/O program was called with an invalid control function.

Action:

Correct the calling program.

CA$F808E

MEMBER mmmmmmmm NOT FOUND ON FILE.

Reason:

Member mmmmmmmm was not found on the PDS.

Action:

Add mmmmmmmm to the PDS or ensure the job is reading the correct PDS.

CA$F809E

MEMBER mmmmmmmm DIRECTORY UPDATE FAIL RC=123.

Reason:

An attempt was made to update member mmmmmmmm, which is a PDS. The attempt failed with the specified return code.

Action:

Check the accompanying IBM messages. Verify the job has write authority for the PDS, and that there is enough space in the PDS.

CA$F810A

M vvvvvv ON dddd.

Reason:

Tape vvvvvv is required by the tape I/O module for processing.

Action:

Mount volume vvvvvv on unit dddd.

CA$F811E

EXCP FUNCTION FAILED.

Reason:

The program could not execute the I/O it required.

Action:

Check other messages to determine if the cause of the problem was hardware or software. Correct and rerun.

CA$F812E

INVALID TAPE LABEL DATA.

Reason:

An invalid label has been detected during tape initialization processing.

Action:

Correct and rerun.

CA$F813A

K vvvvvv FROM dddd.

Reason:

Tape initialization processing for vvvvvv is complete on unit dddd.

Action:

Remove vvvvvv from unit dddd.

CA$F821W

WARNING! CTS JOURNAL THRESHOLD REACHED, 999999 RECORDS REMAINING.

Reason:

CTSJIO: Threshold of the CTS journal file has been reached. The threshold is approximately 90% of the file. This message is issued until 'END-OF-FILE' is reached on the journal or until reset.

Action:

Run the VDB backup job. This job resets the journal after a good backup is created.

CA$F822W

ALARM!! CTS JOURNAL IS FULL. SMF 999 WRITTEN

Reason:

CTSJIO: The CTS journal file is full and records are being sent to SMF.'999' is the SMF type specified when the journal was initialized.

Action:

Run the VDB backup job. This job resets the journal after a good backup is created.

CA$F823E

ALARM!! CTS JOURNAL IS FULL. RECORDS LOST.

Reason:

CTSJIO: The CTS journal file is full and records are being lost. The SMF parameter was not specified when the journal was initialized.

Action:

Run the VDB backup job. This job resets the journal after a good backup is created.

CA$F851E

pppppppp CALLED WITH INVALID PARAMETERS.

Reason:

The Common Tape robotic interface program (pppppppp) was called with invalid parameters.

Action:

For assistance, contact Technical Support at http://ca.com/support.

CA$F852E

pppppppp LINK TO mmmmmmmm FAILED.

Reason:

The Common Tape interface program (pppppppp) could not LINK to the robot API (mmmmmmmm).

Action:

Ensure that the robot API is installed and in libraries which are available to the Common Tape interface program.

CA$F853E

CA VTAPE IS NOT ACTIVE

Reason:

The Common Tape robotic interface program determined that CA Vtape was not active.

Action:

Start CA Vtape.

CA$F854E

VOLUME ###### NOT UPDATED IN OAM - CALLER OF CTS3495 NOT AUTHORIZED

Reason:

The caller of CTS3495 was either not APF authorized or was not executed from an APF authorized set of libraries. The volume specified in the message (######) was not updated in the OAM TCDB.

Action:

Ensure the caller of CTS3495 is authorized before rerunning the job. Use CTSSYNC to sync OAM with the tape management system for the volume specified in the message (######).

CA$F859I

ATL=pppppppp CMD=ffffffff VSN=vvvvv RC=rc

Reason:

The Common Tape interface program is running in debug mode. Where pppppppp is the name of the interface program, ffffffff is the function, vvvvv is the volume serial number and rc is the return code.

Action:

None. This is an informational message.

CA$F899I

FN=ffffffff RC=cccccccc RS=ssssssss FB=bbbbbbbb DD=dddddddd

Reason:

This message is issued to give more information about the previous error message. Where ffffffff is the requested function; cccccccc is the return code (also is R15); ssssssss is the reason code; bbbbbbbb is the feed-back; and ddddddd is the related ddname. For more information, see "I/O Module Codes (see page 61)".

Action:

Correct and rerun.

CA$F900 - CA$F999

CA$F900I

DUMP SPINOFF IS COMPLETE

Reason:

The dump data set has been spooled to SYSOUT for printing. This may be the result of a SPINOFF DUMP command or automatically when a task abnormally terminates.

Action:

This is an informative message.

CA$F910I

DUMP SPINOFF SUSPENDED BY OPERATOR

Reason:

The spooling of the dump data set to SYSOUT is terminated because the operator issued a CANCEL DUMP command.

Action:

This is an informative message.

CA$F920W

NO DUMP DATA PENDING

Reason:

A SPINOFF DUMP command was issued and the dump data set was empty.

Action:

This is an informative message.

CA$F969E

MISSING A REQUIRED PARAMETER.

Reason:

A parameter required for the command was not specified.

Action:

Correct and retry.

CA$F970E

UNKNOWN OR UNEXPECTED PARAMETER.

Reason:

An internal message to task tttt was sent while processing the command. CTSCOM was unable to complete the send.

Action:

Start the task if not active or issue the command to another task.

CA$F971E

PARAMETER IS TOO LARGE.

Reason:

A parameter value was specified which is too large.

Action:

Correct and retry.

CA$F972E

INVALID CHARACTER IN COMMAND.

Reason:

Only alphanumeric and national characters are permitted on the command line. Special characters must be enclosed in '....' or (....).

Action:

Correct and retry.

CA$F973E

NO DELIMITER FOUND.

Reason:

No delimiter was found on the command line.

Action:

Correct and retry.

CA$F974E

CLOSING QUOTE NOT FOUND.

Reason:

Single quotes must be used in pairs, before and after the data they enclose '.....'. If you need a single quote within the data, use (...."...) instead.

Action:

Correct the quote.

CA$F975E

CLOSE OF COMMENT NOT FOUND

Reason:

Action:

Correct and retry.

CA$F976E

CLOSING ")" NOT FOUND.

Reason:

Parentheses must be paired. One or more right parentheses are missing.

Action:

Correct and retry.

CA$F977E

INVALID SYNTAX.

Reason:

The command line syntax does not conform to that known by CTS.

Action:

Correct and retry.

CA$F978E

RETRY MUST BE NUMERIC.

Reason:

RETRY(...) must be the number of times a task is restarted with a non-zero completion.

Action:

Correct and retry.

CA$F979E

LEN MUST BE NUMERIC, AND AT LEAST 64.

Reason:

LEN(....) is the number of bytes to reserve for a CTSB. The first 64 bytes are reserved for CTS.

Action:

Correct and retry.

CA$F980E

COMMAND NOT RECOGNIZED.

Reason:

The command is not known to CTS.

Action:

Correct and retry.

CA$F981E

INVALID SYNTAX FOR CTS COMMAND.

Reason:

The syntax used does not conform to that used for CTS command lines.

Action:

Correct and retry.

CA$F983E

CTSCMD NOT LAST ACTIVE TASK. IGNORED.

Reason:

A STOP command was issued to CTSCMD but one or more tasks were still active. CTSCMD is required to control CTS, it cannot stop while other tasks are active.

Action:

Verify that no other tasks are active, then retry.

CA$F984E

TASK ID MISSING.

Reason:

This command requires a unique 4-character task-ID be specified.

Action:

Correct and retry.

CA$F985E

UNKNOWN TASK ID AND PGM(...) NOT SPECIFIED

Reason:

A START command was issued for a task which is not defined to CTS. Therefore, CTS does not know what program to attach.

Action:

Correct and retry.

CA$F986E

TASK IS ALREADY ACTIVE.

Reason:

An attempt was made to start a task which is already active.

Action:

This is an informative message.

CA$F987I

SEND TO tttt FAILED.

Reason:

An internal message to task tttt was sent while processing the command. CTSCOM was unable to complete the send.

Action:

Start the task if not active or issue the command to another task.

CA$F989E

VALID TASK-ID REQUIRED FOR THIS COMMAND

Reason:

This command requires a unique 4-character task-ID.

Action:

Correct and retry.

CA$F990E

TID TABLE IS FULL. COMMAND IGNORED.

Reason:

An attempt was made to define a task to CTS and the table of task definitions is full.

Action:

Issue the DISPLAY TASKS command for a list of defined tasks. Redefine an inactive task or restart the CTS system to remove extra entries from the task table.

CA$F996E

MAXIMUM NUMBER OF TASKS ACTIVE.

Reason:

An attempt was made to start a task and the maximum number of subtasks were already active.

Action:

Wait until a subtask completes or issue a STOP command to an active task.

CA$F997I

tttt STARTING.

Reason:

A START command was issued for a task and CTS has attached the program.

Action:

This is an informative message.

CA$F998I

tttt COMPLETE. RC = nnnnnnnn

Reason:

This is notification that a task has completed. If RC is not equal to zero, CTS attempts to spinoff a dump. If the RETRY count is not zero, CTS attempts to restart the task.

Action:

See documentation for the task.

CA$F999I

CTS ALREADY ACTIVE

Reason:

An attempt was made to start the CTS task, and one was already active on this CPU.

Action:

This is an informative message.

Chapter 3: CAG8 - Gate Messages

This chapter describes all the Gate messages.

CAG8000 - CAG8099

CAG8001E

CAN NOT OBTAIN WORK AREA. BYPASSING API.

Reason:

TLMS could not obtain an internal work area.

Action:

Increase the region size for the application that received this message.

CAG8009E

ERROR xxxx INVALID RETURN CODE FROM API R15=nnnnnnnn

Reason:

The OSI specified received an invalid return code from the called API.

Action:

The OSI environment may not have been completely initialized. Contact Technical Support at http://ca.com/support for assistance.

CAG8018E

CONTROL NOT RECEIVED FROM AN OSIB.

Reason:

TLMS intercept received control from an unexpected source. Results are unpredictable.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAG8019E

ERROR xxxx INVALID RETURN CODE FROM API R15 = nnnnnnn. ddddddd.

Reason:

OSI xxxx received return code nnnnnnnn from the CA TLMS API. The intercept is for ddname ddddddd and the results are unpredictable.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAG8200 - CAG8299

CAG8201E

ffffffff IS NOT A VALID FUNCTION. ABORTING!

Reason:

Requested function was not STATUS, APPLY, APPLYCHK, RESTORE, ENABLE, or DISABLE.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAG8202E

tttttttt WAS NOT FOUND. ABORTING!

Reason:

Requested OSI Table was not found. Program cannot continue.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAG8203I

ffffffff tttttttt STARTING.

Reason:

Function ffffffff is starting for OSI table tttttttt.

Action:

This is an informative message.

CAG8206E

tttttttt IS CORRUPTED. ffffffff INCOMPLETE!

Reason:

OSI table tttttttt contains invalid data. OSI HEADER or TERMINATOR not found where one is required. The program cannot continue with function ffffffff.

Action:

Correct and retry.

CAG8207I

INTERCEPTS WERE ALREADY REMOVED.

Reason:

Request was made to remove an OSI Table which is not applied. The OSI table cannot be found.

Action:

This is an informative message.

CAG8208I

INTERCEPTS WERE ALREADY APPLIED.

Reason:

The OSI table requested for an APPLY was found on the system, and is considered as applied.

Action:

This is an informative message.

CAG8209E

CRITICAL ERROR!!! ABENDING WITH U209.

Reason:

A dump is being taken and the program terminated for the reason in previous message.

Action:

Retain this dump for problem determination. Contact Technical Support at http://ca.com/support for assistance.

CAG8210E

FUNCTION NOT AVAILABLE.

Reason:

Requested function is not currently available.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAG8213E

FLAGS PARM IS INVALID. (8 CHARS O-F)

Reason:

An internal error has occurred during the installation of the OSI for CA TLMS.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAG8214E

UNAPPLIED OSI TABLE FOUND IN MEMORY

Reason:

An internal error has occurred during the installation of the OSI for CA TLMS.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAG8215I

A RESTORE FUNCTION IS RECOMMENDED

Reason:

An internal error has occurred during the installation of the OSI for CA TLMS.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAG8227I

OSI EXEC(pppppppp) DYNAMICALLY ADDED FOR xxxx

Reason:

The address of OSI routine pppppppp was dynamically provided for intercept xxxx.

These OSI routines maybe "static link edited" to the OSI tables. When they are not G8UTY will locate or load the routine and then add its address to all the intercepts which require it.

Action:

This is an informative message.

CAG8245E

SPECIFIED OSI OR OSI TABLE NOT FOUND.

Reason:

For a STATUS, ENABLE, or DISABLE function, the OSI table was not found in memory or no match was found for the OSI pattern-mask. This is normal *only* when a previous RESTORE function has removed the OSI table and the subsequent STATUS function receives this message. A RESTORE of the OSI is done to remove OSIs from the system.

Action:

Review other messages issued by TLMSRIM and CAIRIM. Contact Technical Support at http://ca.com/support for assistance.

CAG8258E

VERIFICATION ERROR FOR INTERCEPT oooo.

Reason:

During OSI verification an error was detected in this OSIB. See accompanying messages.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAG8259E

PREVIOUS/NEXT ERROR FOR INTERCEPT xxxx.

Reason:

The PREVIOUS or NEXT pointer in the OSIB is not correct, where xxxx is the ID of the OSIB. This error indicates a missing or corrupt intercept.

Action:

Stop tape processing and contact CA Support. Run G8UTY for function STATUS and ensure that DD statements CAG8MSG and CAG8SNP are in the JCL.

CAG8260I

STATUS FOR oooo OF TABLE ttttttt.

Reason:

The status for the OSIs, selected by oooo in OSI table ttttttt, is ready for display.

Action:

This is an informative message.

CAG8261I

SELECTED ww, ENABLED xx, DISABLED yy, INVALID zz.

Reason:

The status of the selected OSIs. Where ww is the number of OSIs which matched the STATUS request. Of that number xx had their DISABLE bit off and yy had their DISABLE bit on. Errors where found in zz.

Action:

This is an informative message.

CAG8263I

OSI(xxxx) IS PROBABLY MISSING OR INVALID!

Reason:

This message is issued with message CAG8259E to indicate the likely results of this status. xxxx is the ID of the OSIB. This condition may result in data loss or failure of programs doing tape I/O.

Action:

See message CAG8259E.

CAG8299I

ffffffff tttttttt COMPLETED. RC = nn

Reason:

This message indicates that function ffffffff for OSI table tttttttt has completed with a return code of nn. Where nn has the following values:

- 00 - completed normally
- 04 - completed with a warning
- 08 - error detected before function attempted
- 12 - error detected after function attempted
- 16 - severe error cannot continue

Action:

This is an informative message.

CAG8700 - CAG8799

CAG8701E

INVALID FUNCTION.

Reason:

A CTS I/O program was called with an invalid function code.

Action:

Correct the function code in the calling program.

CAG8702E

IMPROPER SEQUENCE FOR THIS FUNCTION.

Reason:

The I/O module was called with a function out of sequence (for example, a GET before an OPEN).

Action:

Correct the calling program.

CAG8703E

SPECIFIED DDNAME NOT FOUND

Reason:

The DDname for the file being opened was not found for this job. See CAG8799 for DDname.

Action:

Add the DDname to the job.

CAG8704E

DSN=....+....1....+....2....+....3....+. IS NOT DSORG=??

Reason:

The file is not the proper DSORG for this function.

Action:

Ensure the file is the same DSORG as specified in the message.

CAG8705E

OPEN CCCCCC FAILED FOR FILE.

Reason:

An attempt to open a file failed, where CCCCCC is either INPUT or OUTPUT.

Action:

Check for other messages and ensure it is a good file.

CAG8706E

MEMBER xxxxxxxx NOT FOUND ON FILE

Reason:

During an apply of the OSI table, the specified member (which is an opening system data management module) was not found in the PDS pointed to by the DDname listed in the CAG8799I message. This APPLY of the OSI table can be initiated by TLMSINIT within the CAIRIM procedure.

Action:

If you are doing an MLPA of the operating system's data management modules, you must include the CAG8LIB2 DD in the CAIRIM. Any MLPA data set must be specified in the CAG8LIB2 DD. If you have a data set name for the contents of LPA other than SYS1.LPALIB, you must put the data set name in the CAG8LIB1 DD and include the DD in the CAIRIM procedure.

If this is not the problem, contact Technical Support at http://ca.com/support for assistance. Provide Technical Support with the following:

- Name of the OSI table being APPLYed
- Your operating system level
- The module name from the CAG8706E message(s)

CAG8707E

FFFFFFFF IS UNKNOWN CTL FUNCTION

Reason:

The I/O program was called with an invalid control function.

Action:

Correct the calling program.

CAG8708W

GET ISSUED AFTER EOF.

Reason:

An attempt was made to GET a record after the end-of-file.

Action:

Correct the calling program.

CAG8709E

MEMBER MMMMMMMM DIRECTORY UPDATE FAIL RC=123.

Reason:

An attempt was made to update member MMMMMMMM, which is a PDS. The attempt failed with the specified return code.

Action:

Check the accompanying IBM messages. Verify that the job has write authority for the PDS and that there is enough space in the PDS.

CAG8799I

FN=xx RC=xx RS=xx FB=xx DD=ddname

Reason:

During an APPLY of the OSI table, the specified function failed for the ddname listed. This APPLY of the OSI table can be initiated by TLMSRIM within the CAIRIM procedure.

Action:

See I/O Module Codes for an explanation of the function code (FN), the return code (RC), the reason code (RS), and the feedback code (FB). The values of these codes are in hexadecimal format. This is an informative message and is accompanied by other CAG8 messages to help identify the error.

CAG8800 - CAG8899

CAG8801E

INVALID FUNCTION

Reason:

A CTS I/O program was called with an invalid function code.

Action:

Correct the function code in the calling program.

CAG8802E

IMPROPER SEQUENCE FOR THIS FUNCTION.

Reason:

The I/O module was called with a function out of sequence (for example, a GET before an OPEN).

Action:

Correct the calling program.

CAG8803E

SPECIFIED DDNAME NOT FOUND.

Reason:

The DDname for the file being opened was not found for this job. See CAG8899I for DDname.

Action:

Add the DDname to the job.

CAG8804E

DSN=....+....1....+....2....+....3....+. IS NOT DSORG=??.

Reason:

The file is not the proper DSORG for this function.

Action:

Ensure the file is the same DSORG as specified in the message.

CAG8805E

OPEN CCCCCC FAILED FOR FILE

Reason:

An attempt to OPEN a file failed, where CCCCCC is either INPUT or OUTPUT.

Action:

Check for other messages and ensure it is a good file.

CAG8806W

GET ISSUED AFTER EOF.

Reason:

An attempt was made to GET a record after the end-of-file.

Action:

Correct the calling program.

CAG8807E

FFFFFFFF IS UNKNOWN CTL FUNCTION.

Reason:

The I/O program was called with an invalid control function.

Action:

Correct the calling program.

CAG8899I

FN=xx RC=xx RS=xx FB=xx DD=ddname

Reason:

During an APPLY of the OSI table, the specified function failed for the ddname listed. This APPLY of the OSI table can be initiated by TLMSRIM within the CAIRIM procedure.

Action:

See I/O Module Codes for an explanation of the function code (FN), the return code (RC), the reason code (RS), and the feedback code (FB). The values of these codes are in hexadecimal format. This is an informative message and is accompanied by other CAG8 messages to help identify the error.

CAG8900 - CAG8999

CAG8901E

INVALID FUNCTION

Reason:

A CTS I/O program was called with an invalid function code.

Action:

Correct the function code in the calling program.

CAG8902E

IMPROPER SEQUENCE FOR THIS FUNCTION.

Reason:

The I/O module was called with a function out of sequence (for example, a GET before an OPEN).

Action:

Correct the calling program.

CAG8903E

SPECIFIED DDNAME NOT FOUND.

Reason:

The DDname for the file being opened was not found for this job. See CAG8999I for DDname.

Action:

Add the DDname to the job.

CAG8904E

DSN=....+....1....+....2....+....3....+. IS NOT DSORG=??.

Reason:

The file is not the proper DSORG for this function.

Action:

Ensure the file is the same DSORG as specified in the message.

CAG8905E

OPEN CCCCCC FAILED FOR FILE

Reason:

An attempt to OPEN a file failed, where CCCCCC is either INPUT or OUTPUT.

Action:

Check for other messages and ensure it is a good file.

CAG8906W

GET ISSUED AFTER EOF.

Reason:

An attempt was made to GET a record after the end-of-file.

Action:

Correct the calling program.

CAG8907E

FFFFFFFF IS UNKNOWN CTL FUNCTION.

Reason:

The I/O program was called with an invalid control function.

Action:

Correct the calling program.

CAG8999I

FN=xx RC=xx RS=xx FB=xx DD=ddname

Reason:

During an APPLY of the OSI table, the specified function failed for the ddname listed. This APPLY of the OSI table can be initiated by TLMSRIM within the CAIRIM procedure.

Action:

See I/O Module Codes for an explanation of the function code (FN), the return code (RC), the reason code (RS), and the feedback code (FB). The values of these codes are in hexadecimal format. This is an informative message and is accompanied by other CAG8 messages to help identify the error.

I/O Module Codes

The following lists the function codes, return codes, reason codes, and feedback codes issued by the Common Tape System (CTS) and Dynamic OSI I/O routines which interface to IBM data services.

```
FUNCTION CODES
        +00   00        NOT VALID FUNCTION
        +04   04        OPEN ACCESS TO DATA
        +08   08        CLOSE ACCESS TO DATA
        +12   0C        CONTROL PROCESSING
        +16   10        GET
        +20   14        PUT
        +24   18        POINT TO RECORD BY KEY (NO I/O)
        +28   1C        NOTE RECORD BY KEY (NO I/O)
        +32   20        ADD RECORD TO DATA
        +36   24        UPDATE EXISTING RECORD
        +40   28        DELETE A RECORD
        +44   2C        LOCK ACCESS TO DATA
        +48   30        UNLOCK ACCESS TO DATA
        +52   34        RESERVED
        +56   38        RESERVED
        +60   3C        RESERVED
        +80   40        UNIQUE I/O FUNC START AT 80 X'50'
        +84   44        UNIQUE I/O FUNC - RESERVED
        +88   48        UNIQUE I/O FUNC - RESERVED
        +92   4C        UNIQUE I/O FUNC - RESERVED
```

```
RETURN CODES
        +00   00           COMPLETED NORMALLY
        +04   04           COMPLETED WITH WARNING
        +08   08           ERROR BEFORE ATTEMPT
        +12   0C           ERROR AFTER ATTEMPT
        +16   10           CANNOT CONTINUE

REASON CODES
        +00   00           NO REASON AVAILABLE
        +04   04           BAD VALUE FOR A PARM
        +08   08           INCORRECT SEQUENCE
        +12   0C           INCORRECT STATUS
        +16   10           SPECIAL FORMAT

FEEDBACK CODES
        +00   00           NO FEED BACK
        +04   04           RELATES TO FUNCTION
        +08   08           RELATES TO FILE
        +12   0C           RELATES TO KEY
        +16   10           RELATES TO PGM LOGIC
```

Note: This information is available in the online HELP files as message identifier IOCODES.

Chapter 4: CAT - CA TLMS Messages

This chapter describes all the CA TLMS messages.

CAT1400 - CAT1499

CAT1401E

INTERNAL ERROR - INVALID SVC ROUTE CODE

Reason:

TLMSSVCR: The CA TLMS SVC router has been called with an invalid route code.

Action:

The SVC abends with U1401, trapping the calling task. Dumps should be saved. Contact Technical Support at http://ca.com/support for assistance.

CAT1402E

INTERNAL ERROR - SVC ROUTE CODE NOT IN USE

Reason:

TLMSSVCR: The CA TLMS SVC router has been called with a valid but inactive or unassigned route code.

Action:

The SVC abends with U1402, trapping the calling task. Dumps should be saved. Contact Technical Support at http://ca.com/support for assistance.

CAT1403E

INTERNAL ERROR - OPEN OR CLOSE FUNCTION CALLED FROM INVALID SOURCE

Reason:

TLMSSVCR: The CA TLMS SVC router has been called for OPEN or CLOSE data set/volume processing from an invalid source.

Action:

The SVC abends with U1403, trapping the calling task. Dumps should be saved. Contact Technical Support at http://ca.com/support for assistance.

CAT1404E

INTERNAL ERROR - TLMS INSTALLATION OPTION TABLE NOT AVAILABLE

Reason:

TLMSSVCR: The CA TLMS SVC router tried to load installation options member TLMSIPO and was unable to find a copy in storage.

Action:

Review CA TLMS installation procedures. If no problem is apparent, contact Technical Support at http://ca.com/support for assistance.

CAT1405E

INTERNAL ERROR - TLMS INTERCEPTS NOT AVAILABLE

Reason:

TLMSSVCR: The CA TLMS SVC Router received control by the FAILSAFE intercept, and found CA TLMS was not fully initialized.

Action:

Check CA TLMS installation. Start TLC6INIT.

CAT1500 - CAT1599

CAT1505E

AUXILIARY COUNT LESS THAN 100.

Reason:

Minimum number of auxiliary records is 100. The auxiliary count is forced to 100.

Action:

Correct the control statement and rerun or accept the default.

CAT1506E

WARNING COUNT LESS THAN 10.

Reason:

Minimum warning count allowed is 10. Count is forced to 10.

Action:

Correct the control statement and rerun or accept the default.

CAT1507E

VSN KEYWORD MISSING.

Reason:

No VSN(...... ....) was specified on a RANGE or SKIP statement.

Action:

For each RANGE and SKIP statement, specify a VSN keyword giving the beginning and ending vsn.

CAT1509E

LENGTH OF VSN IS GREATER THAN 6 CHAR.

Reason:

The beginning or ending vsn specified in the VSN keyword for either a RANGE or SKIP statement was more than 6 characters long. Tape volsers cannot exceed 6 characters.

Action:

Specify a valid volser.

CAT1511E

SKIPS NOT IN A RANGE (123456 123456).

Reason:

TLMSVMFG: A SKIP statement's beginning and ending VSNs does not fall entirely within a VSN range defined by a RANGE statement.

Action:

Correct the SKIP statement or the RANGE statement.

CAT1512E

VSNS HAVE DIFFERENT PREFIX.

Reason:

For each RANGE or SKIP statements the volsers specified in the VSN(....) keyword must have the same characters except for the rightmost numbers.

Action:

Ensure the volsers have the same characters to the left of the numeric data.

CAT1513E

START VSN MISSING.

Reason:

For a RANGE or SKIP statement the VSN keyword does not contain a beginning volser. For example, VSN(,eeeeee) or VSN().

Action:

Specify a beginning volser. If only one volser is specified it must be the beginning.

CAT1514E

UNKNOWN DENSITY.

Reason:

For a RANGE statement the DEN keyword specifies an invalid value.

Action:

Correct the DEN keyword and rerun the job.

CAT1518E

NO VALID 'RANGE' STATEMENTS.

Reason:

TLMSVMFG: There are no valid RANGE statements in the TLMSIDCK input.

Action:

Correct the input and rerun.

CAT1530E

TAPE LEN NOT NUMERIC.

Reason:

For the RANGE statement, the LEN (....) keyword contains non-numeric chars.

Action:

Correct the RANGE statement and rerun.

CAT1531E

DATE NOT NUMERIC. JULIAN nnnnn.

Reason:

For the RANGE statement, the DATE(.....) keyword contains non-numeric characters.

Action:

Correct the RANGE statement and rerun.

CAT1539E

AUXILIARY COUNT NOT NUMERIC.

Reason:

For the RANGE statement, the AUX(.....) keyword contains non-numeric characters.

Action:

Correct the RANGE statement and rerun.

CAT1540E

WARNING COUNT NOT NUMERIC.

Reason:

For the RANGE statement, the WARNING(.....) keyword contains non-numeric characters.

Action:

Correct the RANGE statement and rerun.

CAT1541E

WARNING COUNT MUST BE < AUXILIARY COUNT.

Reason:

For the RANGE statement, the WARNING(...) keyword contains a numeric value greater than the value of the AUX keyword.

Action:

Correct the RANGE statement and rerun.

CAT1542E

UNKNOWN ATL TYPE.

Reason:

The name specified as the first sub-parameter for the ATL keyword does not match one of those known to TLMS.

Action:

Specify a valid name for your ATL type. Select from IBM, STORTEK, SUTMYN, BOSCH, GRAU, COMPAREX, HDS, VIBM, VSTORTEK, VSUTMYN, VTAPE and VEMC.

CAT1543E

ATL NUMBER MUST BE 1 THRU 254.

Reason:

The value specified for the second positional parameter of the ATL keyword, was not numeric or was not in the 1 thru 254 range.

Action:

Correct the value and rerun.

CAT1544E

PARSE ERROR. UNKNOWN OR TRUNCATED FIELD

Reason:

The control statements in the TLMSIDCK member are invalid.

Action:

Ensure that the indicated control statement is correct.

CAT1545E

FATAL PARSE ERROR.

Reason:

TLMSVMFG was processing the *hlq*.CTAPOPTN(TLMSIDCK) member and encountered a severe parsing error in one of the "initdeck" statements.

Action:

Correct the syntax of the control statements and rerun. For more information, see the section 'CATVMFI' in the *CA TLMS Configuration Guide*.

CAT1600 - CAT1699

CAT1601W

*** ONE OR MORE WARNING MESSAGES PRINTED ***

Reason:

TLMSVMFU: During TLMSVMFU processing, one or more warning messages were generated. If no error messages are generated, TLMSVMFU completes with a return code of 4.

Action:

Examine the warnings listed on the report to determine if they require further action.

CAT1602W

ORPHANED MULTI-VOLUME RECORD FOR VOLSER XXXXXX

Reason:

TLMSVMFU: During ++REORG, ++RESTORE, or ++MERGE processing, a multi-volume chaining record was encountered that did not correspond to the volume XXXXXX displayed in the message.

Action:

Display the volume listed on the restored VMF and verify it is correct. This is generally a result of the use of EXPDT=60001 on the volume listed and requires no further action. This message is also produced if a range of volumes is intentionally removed during a ++RESTORE. If this is the case, verify that the volume should be removed from the resulting VMF.

CAT1603W

ORPHANED MULTI-DATASET RECORD FOR VOLSER XXXXXX

Reason:

TLMSVMFU: During ++REORG, ++RESTORE, or ++MERGE processing, a multi-data set chaining record was encountered that did not correspond to volume XXXXXX displayed in the message.

Action:

Display the volume listed on the restored VMF and verify it is correct. This is generally a result of the use of EXPDT=60001 on the volume listed and requires no further action. This message is also produced if a range of volumes is intentionally removed during a ++RESTORE. If this is the case, verify that the volume should be removed from the resulting VMF.

CAT1604W

ORPHANED VSN FROM BACKUP. VOLSER XXXXXX

Reason:

TLMSVMFU: During ++RESTORE processing, volume XXXXXX was encountered on the backup input data, but the INITDECK did not specify a range containing volume XXXXXX.

Action:

If the volume was intentionally removed from the VMF, no further action is required. If the volume was omitted due to an error in the INITDECK member, update the INITDECK member in CTAPOPTN and rerun the ++RESTORE.

CAT1605W

ORPHANED VSN FROM MERGE. VOLSER XXXXXX

Reason:

TLMSVMFU: During ++MERGE processing, volume XXXXXX was encountered on the merge input data, but the INITDECK did not specify a range containing volume XXXXXX.

Action:

If the volume was intentionally removed from the VMF, no further action is required. If the volume was omitted due to an error in the INITDECK member, update the INITDECK member in CTAPOPTN and rerun the ++MERGE.

CAT1607W

VOLUME CHAINING ERROR. UNCHAINED VSN XXXXXX

Reason:

TLMSVMFU: During ++RESTORE processing, TLMSVMFU encountered an error processing volume XXXXXX and was unable to chain it correctly.

Action:

This warning is generally issued if a range of volumes was intentionally removed by the ++RESTORE process. If this is correct, volume XXXXXX is restored as a single volume set and no further action is required. If the volume was omitted due to an error in the INITDECK member, update the INITDECK member in CTAPOPTN and rerun the ++RESTORE. This error may also occur if there were chaining errors in the VMF backup that was used as input to the ++RESTORE process. If this is the cause of the warning, the chains must be manually corrected.

CAT1610E

 *** ONE OR MORE ERROR MESSAGES PRINTED ***

Reason:

TLMSVMFU: During TLMSVMFU processing, one or more error messages were generated. TLMSVMFU completes with a return code of 8.

Action:

Examine the error messages listed on the report and perform the appropriate action to correct the error.

CAT1611E

TLMSVMIO ERROR - RC=XX,FDBK=XX,FUNC=XXXX,REASON=XX

Reason:

TLMSVMFU: During TLMSVMFU processing, the TLMSVMIO I/O module encountered an error. The RC, FDBK, FUNC, and REASON fields identify the error.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAT1612E

INVALID RETURN CODE FROM SORT = RC=XX

Reason:

TLMSVMFU: the SORT Utility Program issued a non-zero return code causing TLMSVMFU processing to fail.

Action:

Verify the installation of the Sort Utility program in use. If it is correct, contact Technical Support at http://ca.com/support for assistance.

CAT1613E

MERGING VMFS HAVE OVERLAPPING VSN RANGE XXXXXX

Reason:

TLMSVMFU: The input to the ++MERGE function contains the same volume in both backup and merge input files.

Action:

Remove the overlapping ranges from one of the VMFs used as input to the ++MERGE, backup the VMF and rerun the ++MERGE.

CAT1614E

VOLUME CHAINING ERROR. ORPHANED VSN XXXXXX

Reason:

TLMSVMFU: The ++REORG, ++RESTORE, or ++MERGE function encountered an error attempting to chain a volume. The volume XXXXXX is removed from the output VMF.

Action:

Execute TLMSVCVS against the original VMF and correct any chaining errors. If the original VMF is not available, it may be recovered using the ++RELOAD. After the chaining errors have been corrected, backup and rerun the restore, reorg, or merge process.

CAT1615E

UNKNOWN FUNCTION SPECIFIED. ABORTING!

Reason:

TLMSVMFU: The function specified in the JCL PARM=parameter is invalid.

Action:

Correct the invalid function and rerun the job.

CAT1616E

ERROR PARSING TLMSIDCK INPUT. SEE JOBLOG.

Reason:

TLMSVMFU is terminating due to a parsing error in a control statement. See the JOBLOG for additional error messages.

Action:

One or more previous error messages exist. See the actions for those messages.

CAT1617E

REQUIRED DDNAME XXXXXXXX MISSING. ABORTING!

Reason:

TLMSVMFU: the required DD Statement for DDNAME XXXXXXXX was not found in the PROC/JCL.

Action:

Verify that you are executing the PROC/JCL supplied.

CAT1618E

CHAINED VOLUME NOT FOUND. VSN XXXXXX

Reason:

TLMSVMFU: The ++REORG, ++RESTORE, or ++MERGE function encountered an error attempting to create a chain. The volume XXXXXX contained in the current chain was not found in the restored VMF.

Action:

Execute TLMSVCVS against the original VMF and correct any chaining errors. If the original VMF is not available, it may be recovered using the ++RELOAD. After the chaining errors have been corrected, backup and rerun the restore, reorg, or merge process.

CAT2100 - CAT2199

CAT2101E

NO REPORT REQUESTED

Reason:

TLMSRMFP: The SYSIN contained no report names so the job fails.

Action:

Specify any or all of the valid report names, TLMS014, TLMS015, or TLMS016.

CAT2102E

INVALID REPORT REQUESTED

Reason:

TLMSRMFP: The report name was not TLMS014, TLMS015, or TLMS016.

Action:

Correct the report name and rerun.

CAT2103E

NO LOCATION RECORDS IN RETENTION MASTER FILE

Reason:

TLMSRMFP: The RMF does not contain any location records. Therefore it is not possible to produce TLMS014 or TLMS015 reports.

Action:

Informational message.

CAT2104E

THIS REPORT HAS PREVIOUSLY BEEN ACCEPTED

Reason:

TLMSRMFP: The report name has specified more than once in the SYSIN.

Action:

Informational message.

CAT2105I

NO APPLICABLE DATA FOUND FOR THIS REPORT

Reason:

TLMSRMFP: There is no data in the RMF for this report. So the job fails.

Action:

Informational message.

CAT2106E

INVALID LOCATION OR STORAGE ID ll ccss IN THE VMF, VSN = vvvvvv

Reason:

TLMSRMFP: For report TLMS014 a location or cabinet/slot or boxid was found in the VMF but not in the RMF. This means report TLMS014 will not be able to correctly indentify the available storage. Where ll is the RMF location ID, ccss is a cabinet/slot or box ID, and vvvvvv is a volume serial number.

Action:

Update the VMF record to a location and box/ccss that is defined in the RMF.

CAT2110E

XXXXX ERROR ON VSAM FILE R15 = RRR TYPE = FFF

Reason:

TLMSRMFP: While reading the RMF a VSAM error was detected.

Action:

Contact CA Support.

CAT2112E

CAIRMF   DDNAME MISSING

Reason:

TLMSRMFP: The program requires the CAIRMF data set so the job fails.

Action:

Add a CAIRMF DD statement for the RMF.

CAT2113E

SYSPRINT DDNAME MISSING

Reason:

TLMSRMFP: The program requires a DD statement for the SYSPRINT data set.

Action:

Add a SYSPRINT DD statement for the print data set.

CAT2114E

SYSIN DDNAME MISSING

Reason:

TLMSRMFP: The program requires a DD statement for the SYSIN data set.

Action:

Add a SYSIN DD statement for the program input.

CAT2115E

SYSIN CAIVMF DDNAME MISSING

Reason:

TLMSRMFP: The program requires a DD statement for the Volume Master File.

Action:

Add a CAIVMF DD statement referencing the Volume Master File.

CAT2200 - CAT2299

CAT2201I

CA TLMS INQUIRY ACTIVE

Reason:

TLMSCMND is active and ready to process commands.

Action:

None. This is an informative message.

CAT2202I

CA TLMS INQUIRY SHUT DOWN BY OPERATOR COMMAND

Reason:

TLMSCMND: The online inquiry/update module was shut down by the operator and is inactive.

Action:

None. This is an informative message.

CAT2203E

VMF CONTROL RECORD NOT FOUND

Reason:

TLMSCMND: Inquiry could not locate control record.

Action:

Ensure VMF was initialized.

CAT2204E

COMMAND FUNCTION PREFIX IS INVALID

Reason:

TLMSCMND: A command was not recognized by the inquiry/update module.

Action:

See the chapter on Volume Master File Inquiry and Update in the *User Guide* for valid commands.

CAT2205E

DATA SET TO BE DISPLAYED EXCEEDS 44 CHARACTERS

Reason:

TLMSCMND: The data set name exceeds the maximum length of 44 characters.

Action:

Correct the data set name and reenter command.

CAT2206E

xxx COMMAND REQUIRES PARAMETER xxxxxxxx

Reason:

TLMSCMND: Command is missing a required parameter.

Action:

Correct the command and reenter.

CAT2207E

INVALID DELIMITER

Reason:

TLMSCMND: Only a space is valid as a delimiter.

Action:

Correct the command and reenter.

CAT2208E

VOLUME SERIAL NUMBER NOT PROVIDED FOR COMMAND

Reason:

TLMSCMND: Spaces were recognized.

Action:

Supply VSN for command.

CAT2209E

FILE NUMBER NOT NUMERIC

Reason:

TLMSCMND: A nonnumeric file sequence is invalid.

Action:

Correct the file number and reenter command.

CAT2210E

VSN SPECIFIED NOT IN VOLUME MASTER OR IS INVALID volser

Reason:

TLMSCMND: The VSN indicated by *volser* was not in the VMF.

Action:

Supply a valid VSN.

CAT2211E

INVALID CDS SPECIFIED FOR UPDATE

Reason:

TLMSCMND: Conflicting CDS was recognized.

Action:

Display volume (DV) and locate correct CDS. Reenter command with valid CDS.

CAT2212E

MULTI-DSN CHAIN RECORD NOT FOUND

Reason:

TLMSCMND: Possible multi-data set chain error detected.

Action:

Execute TLMSVCVS to locate errors.

CAT2213E

MULTI-VSN CHAIN RECORD NOT FOUND

Reason:

TLMSCMND: Possible multivolume chain error detected.

Action:

Execute TLMSVCVS to locate errors.

CAT2214E

EXPECTING FILE SEQUENCE NUMBER

Reason:

TLMSCMND: A comma was encountered in a DV/DVD command without an associated file sequence number.

Action:

Supply file sequence and reenter the command.

CAT2215E

NOT PROCESSING MULTIVOLUMES, NV COMMAND INVALID

Reason:

TLMSCMND: No multivolume records available to display.

Action:

Supply the correct command and reenter.

CAT2216E

INVALID GENERATION GROUP (+)

Reason:

TLMSCMND: Cannot display a data set which has not been created.

Action:

Correct GDG and reenter DC command.

CAT2217E

FILE NUMBER DOES NOT EXIST ON VOLUME SPECIFIED

Reason:

TLMSCMND: Specified file number not on volume.

Action:

Specify valid volume/file number.

CAT2218E

INVALID SYNTAX IN COMMAND OR PARAMETER

Reason:

TLMSCMND: Unrecognizable input found after VSN.

Action:

Correct and reenter command.

CAT2219E

VSN SPECIFIED IS NOT A MULTI-VSN DATA SET

Reason:

TLMSCMND: The command issued is only applicable to multivolume data sets.

Action:

Issue the appropriate command.

CAT2220E

MUST SPECIFY BASE RECORD WHEN ACCESSING MULTIVOLUME

Reason:

TLMSCMND: When scratching a multivolume data set, user must scratch base volume (VOLSEQ 1) VSN.

CAT2221E

A PARM VALUE IS TOO LARGE TO FIT IN FIELD

Reason:

TLMSCMND: The parameter must be truncated to fix the field, and truncation would change the value of the parameter.

Action:

Correct the value and reenter command.

CAT2222E

SYSTEM ERROR * VOLUME SEQUENCE OUT OF ORDER

Reason:

TLMSCMND: CA TLMS internal error.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAT2223E

CHAINING OF DATA SETS FAILED FROM TLMSUPDT

Reason:

TLMSCMND: CA TLMS internal error.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAT2224E

MULTI-DATA SET DISPLAY FAILED AFTER UPDATE OCCURRED

Reason:

TLMSCMND: CA TLMS internal error.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAT2225E

INVALID DATA FOR KEYWORD x

Reason:

TLMSCMND: The data indicated by *x* is in error.

Action:

Reenter command with valid data.

CAT2226E

INVALID KEYWORD FOR xxx y

Reason:

TLMSCMND: *xxx* = UPV/UPD; *y* = keyword function.

Action:

See the chapter on Volume Master File Inquiry and Update in the *User Guide* for valid keyword functions.

CAT2227E

DATA EXCEEDS MAXIMUM ALLOWABLE LENGTH FOR UPDATE

Reason:

TLMSCMND: Data specified for keyword function exceeds CA TLMS upper limit.

Action:

See the chapter on Volume Master File Inquiry and Update in the *User Guide* for data upper limit.

CAT2228E

DATA DOES NOT MEET MINIMUM REQUIREMENT FOR UPDATE

Reason:

TLMSCMND: Data for keyword function did not meet CA TLMS lower limit.

Action:

See the chapter on Volume Master File Inquiry and Update in the *User Guide* for data lower limit.

CAT2229E

NUMERIC DATA REQUIRED FOR KEYWORD x

Reason:

TLMSCMND: The data represented by *x* must be numeric.

Action:

Reenter the correct data.

CAT2230E

AUXILIARY MESSAGE nnn DOES NOT EXIST

Reason:

TLMSCMND: Action to auxiliary message failed. *nnn* represents the message number.

Action:

Reenter the correct message number.

CAT2231E

TRANSACTION UPDATE DID NOT TAKE PLACE *CRITICAL ERROR*

Reason:

TLMSCMND: CA TLMS internal error. Only VOLSEQ is valid if CHV= is specified.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAT2232E

FILE NOT FOUND IN THE CHAIN

Reason:

TLMSCMND: FILESEQ or CDS is required for multi-data set updates.

Action:

Reenter update with a correct FILESEQ or CDS.

CAT2233E

AUXILIARY MESSAGE 999 NOT WITHIN VALID MESSAGE RANGE

Reason:

TLMSCMND: 999 is the message number.

Action:

Reenter the command with acceptable message number.

CAT2234E

CVOL NOT MOUNTED UNABLE TO DISPLAY DATA SET

Reason:

TLMSCMND: DC command failed.

Action:

Mount control volume and reenter the DC command.

CAT2235E

DATA SET CANNOT BE FOUND on CATALOG

Reason:

TLMSCMND: DC command failed.

Action:

Catalog the data set and reenter DC command.

CAT2236E

9999 = RETURN CODE ISSUED FROM THE LOCATE MACRO

Reason:

TLMSCMND: DC command failed. 9999 is the return code.

Action:

See the IBM *SPL: Data Management* for return codes.

CAT2237E

AUX MESSAGE NUMBER IS NOT NUMERIC

Reason:

TLMSCMND: Probable user error.

Action:

Correct the error and reenter command.

CAT2238E

INVALID CHARACTER FOUND IN COMMAND LINE

Reason:

TLMSCMND: Probable user error.

Action:

Correct the error and reenter command.

CAT2239E

AUXILIARY MESSAGE 999 ALREADY EXISTS

Reason:

TLMSCMND: Probable user error. 999 is the message number.

Action:

Correct the error and reenter command.

CAT2240E

INVALID NUMBER GIVEN FOR CTIME 999999

Reason:

TLMSCMND: Probable user error. 999999 is the CTIME.

Action:

Correct the error and reenter command.

CAT2241E

INVALID SYNTAX FOR CHD - FILESEQ COMMAND

Reason:

TLMSCMND: Probable user error.

Action:

Correct the error and reenter command.

CAT2242E

INVALID DATE date

Reason:

TLMSCMND: Probable user error. *date* indicates the incorrect date.

Action:

Correct the error and reenter command.

CAT2243E

INVALID DELIMITER APPEARS AFTER COMMAND SYNTAX

Reason:

TLMSCMND: Probable user error.

Action:

Correct the error and reenter command.

CAT2244E

TRANSACTION WAS NOT UPDATED DUE TO ABOVE ERROR(S)

Reason:

TLMSCMND: Warning message.

Action:

Correct the error(s) and reenter update.

CAT2245E

CHAIN VOLUME UPDATE UNSUCCESSFUL

Reason:

TLMSCMND: CA TLMS internal error.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAT2247E

PREFIX OF VSN RANGE(S) NOT EQUAL START=volser END=volser

Reason:

TLMSCMND: A bad range of volumes for cleaning or certification was specified.

Action:

Correct the range and reenter command.

CAT2248E

INVALID SYNTAX FOR CHV - VOLSEQ COMMAND

Reason:

TLMSCMND: Probable user error.

Action:

Correct the error and reenter command.

CAT2249E

UNKNOWN OR UNEXPECTED PARAMETER FOUND

Reason:

TLMSCMND: TLPARSE found a parameter which is unknown or is not valid here.

Action:

Remove or change the invalid parameter.

CAT2250E

MUST SPECIFY BASE VSN TO ESTABLISH/BREAK CHAIN(S)

Reason:

TLMSCMND: A multivolume chain already exists for volume.

Action:

Reenter the command with another volume.

CAT2251E

INVALID VOLUME SEQUENCE NUMBER REQUESTED

Reason:

TLMSCMND: Attempted chain volume failed because of incorrect volume sequence number. Probable user error.

Action:

Correct the error and reenter the command.

CAT2252E

INVALID FILE SEQUENCE NUMBER REQUESTED

Reason:

TLMSCMND: Attempted chain data set failed because of incorrect file sequence number. Probable user error.

Action:

Correct the error and reenter the command.

CAT2253E

SERVICE INDICATOR ALREADY CONTAINS THE VALUE OF xxx

Reason:

TLMSCMND: This is typically a user error.

Action:

Correct the indicator and reenter the command.

CAT2254E

SCRATCH INDICATOR ALREADY CONTAINS THE VALUE OF xxx

Reason:

TLMSCMND: This is typically a user error.

Action:

Correct the indicator and reenter the command.

CAT2255E

ERROR IN xxx COMMAND AT OFFSET nnn

Reason:

TLMSCMND: An error was found in the command indicated by *xxx.*

Action:

Correct the error and rerun.

CAT2256E

CDS IS MISSING FOR SCRATCH UPDATE

Reason:

TLMSCMND: The controlling data set (CDS) is required to scratch multi-data sets.

Action:

Supply the controlling data set number and reenter command.

CAT2257E

NOT PROCESSING MULTI-DATA SET, ND COMMAND INVALID

Reason:

TLMSCMND: Probable user error.

Action:

Supply the correct command and reenter.

CAT2258E

NO INFORMATION PENDING, MORE COMMAND IS INVALID

Reason:

TLMSCMND: Probable user error.

Action:

Supply the correct command and reenter.

CAT2259E

TRTCH INVALID FOR DENSITY = 9999

Reason:

TLMSCMND: Density of 1600/6250 and TRTCH are mutually exclusive.

Action:

Supply the correct density to update TRTCH.

CAT2260E

NO DATA SUPPLIED FOR UPDATE(S)

Reason:

TLMSCMND: Syntax error for update command.

Action:

Supply the data for update command and reenter.

CAT2261E

INVALID KEYWORD ASSOCIATED WITH SRVSCR UPDATE

Reason:

TLMSCMND: Extraneous keywords found on scratch update.

Action:

Delete the extra keywords and reenter scratch command.

CAT2262E

VOLUME MUST BE SCRATCH TO BREAK CHAIN(S)

Reason:

TLMSCMND: Volume must be scratch to break chain.

Action:

Ensure the volume is scratch and reenter command.

CAT2263E

VOLUME MUST BE CHAINED IN ORDER TO BREAK CHAINS

Reason:

TLMSCMND: A single volume/data set does not have chain(s).

Action:

Ensure the volume is chained and reenter command.

CAT2264E

REQUEST HAS FAILED SECURITY CHECKS xxx

Reason:

TLMSCMND: The user is not authorized to issue the command indicated by *xxx,* and the system rejects the command.

Action:

Contact your CA TLMS systems programmer to determine which commands the user is authorized to use.

CAT2265E

VSN MUST BE NON-CHAINED/SCRATCH IN ORDER TO CLEAR FIELDS

Reason:

TLMSCMND: Syntax requirement for processing command.

Action:

Ensure both the conditions are met and reenter command.

CAT2266E

INVALID DATA APPEARS IN COLUMNS 73 - 80 DATA=xxxxxxxx

Reason:

TLMSCMND: Control statement contains data in positions 73 through 80.

Action:

Blank these fields in the control statement and resubmit.

CAT2267E

INVALID CDS # ASSOCIATED WITH SCRATCH CDS=xxx

Reason:

TLMSCMND: Specified wrong CDS for multi-data set scratch.

Action:

Display the volume to locate the CDS and resubmit scratch update.

CAT2268E

INVALID AUXILIARY MESSAGE NUMBER xxx

Reason:

TLMSCMND: Auxiliary number is greater than 999.

Action:

Supply the corrected auxiliary number and resubmit.

CAT2269E

VSN volser IS PART OF A SKIPPED SEGMENT

Reason:

TLMSCMND: An attempt was made to update the service/scratch indicator of a VSN that was specified as a skipped segment record.

Action:

Redefine the volume as an active segment through TLMSVMFU.

CAT2270E

RANGE PROHIBITED FOR ALPHA VSN START=volser END=volser

Reason:

TLMSCMND: Invalid request for range processing.

Action:

Redefine the range and resubmit clean or certify.

CAT2271E

RANGE START VSN > END VSN START=volser END=volser

Reason:

TLMSCMND: Invalid request for range processing.

Action:

Supply a start of range which is lower than end of range.

CAT2272E

PREFIX OF VSN RANGE(S) NOT EQUAL START=xx END=xx

Reason:

TLMSCMND: For range request, prefix of volsers must be equal.

Action:

Check the prefixes and resubmit.

CAT2273E

SPECIFIED FORMAT NOT VALID

Reason:

TLMSCMND: The specified date format is invalid.

Action:

Correct the format and rerun.

CAT2274E

CRITICAL ERROR DURING COMMAND PARSE

Reason:

TLMSCMND: TLPARSE cannot proceed to parse this command

Action:

Correct the error and rerun.

CAT2275E

CLOSING QUOTE NOT FOUND FOR PARAMETER

Reason:

TLMSCMND: Quotes must be paired or enclosed in parentheses if a quote is part of the data.

Action:

Correct the error and rerun.

CAT2276E

CLOSING */ NOT FOUND FOR COMMENT

Reason:

TLMSCMND: The format of a comment is /* ... */.

Action:

Correct the error and rerun.

CAT2277E

CLOSING PARENTHESIS NOT FOUND

Reason:

TLMSCMND: Parenthesis must be paired.

Action:

Correct the error and rerun.

CAT2278E

NESTED KEYWORDS FOUND

Reason:

TLMSCMND: Nesting keywords is not permitted, as in KWD1=KWD2 or KWD1(KWD2).

Action:

Correct the error and rerun.

CAT2280E

NOT PROCESSING MULTI DATA SETS, NDV COMMAND INVALID

Reason:

TLMSCMND: Multiple versions of a data set name are not being processed; therefore, the NDV command is invalid.

Action:

Enter a valid command and continue.

CAT2281D

MORE VERSIONS TO DISPLAY, ENTER NDV OR COMMAND

Reason:

TLMSCMND: Multiple versions of this data set name do exist.

Action:

Enter NDV to see the next version, or enter any other valid command.

CAT2281E

ERROR IN SCHED(n) - Reason

Reason:

TLMSCMND: An error occurred during processing of the SCHED update. The n specifies the position of the parameter in error. Reason indicates why the update failed.

Reason

'PROHIBITED BY SYSTEM OPTION'

MANUAL=NO is specified in the CTAPOPTN member TLMSIPO. This prohibits manual updates of the retention schedule.

'INVALID TYPE'

The retention schedule type must be one of the following values, 0-9,A,B, or C.

'COUNT NOT NUMERIC'

The schedule count must be a numeric value.

'COUNT IS ZERO'

If the schedule type is '4', '5', or '8' then the count should be greater than zero.

'COUNT NOT ZERO'

If the schedule type is 'A', '1', '6', '7', or '9', the schedule count should be zero.

Action:

In the first case, change the option to MANUAL=YES if manual updates are desired. In the second case, supply a schedule which includes the current location.

```
SAMPLE:  UPV VVVVVV, SCHED ( )
```

CAT2282E

INQR UPDATE PROHIBITED BY IPO OPTION

Reason:

TLMSCMND: A CA TLMS option is set to prohibit updates from the INQR task. Since this task can be run as a z/OS started task or a subtask of CTS, security cannot determine the USERID. This function is controlled by the UPD= subparm of the ROUTING parm in the CTAPOPTN member TLMSIPO.

Action:

If you want to allow VMF updates from an INQR task, set UPD=YES in the ROUTING parm. Otherwise, updates to the VMF should be made by other means.

CAT2283E

UPDATE IS NOT ALLOWED. NOT READING ACTIVE VMF

Reason:

TLMSCMND: The CLIST or JCL for this update task contains a CAIVMFI DD statement which is not allocated to the active VMF. All CA TLMS updates are made through transactions and are applied to the active VMF. This message is issued when a task reads another VMF and tries to update the active VMF.

Action:

Cause the CLIST or JCL to allocate the active VMF. Print the TLMSIPO to determine the data set name of the active VMF.

CAT2284E

SCRATCH NOT ALLOWED WHEN OWNER IS NON-BLANK

Reason:

TLMSCMND: Volumes with non-blank OWNER fields are owned and controlled by programs other than CA TLMS. There are usually EDMs and have special means of scratching the volumes.

Action:

If you want to manually scratch the volume, you must change the OWNER field to blank before performing a scratch. You must have Librarian authority or above to change an OWNER field.

CAT2286E

VMF INDEX FILE IS EMPTY

Reason:

TLMSVSIO: The requested I/O cannot be completed because the VMF index is empty.

Action:

Perform the VMF INDEX BUILD procedure and rerun the job.

CAT2287W

ATTEMPTED TO UPDATE VMF INDEX CONTROL RECORD

Reason:

TLMSVSIO: The requested key would have caused an overwrite of the control record. The request is ignored.

Action:

Correct the request.

CAT2288E

INVALID OPEN CODE PASSED TO TLMSVSIO

Reason:

TLMSVSIO: This module handles IO for the CA TLMS VMF DSN index and an invalid code was received. This indicates an internal processing error.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAT2289E

wwwww ERROR ON VSAM FILE R15 = xxx yyyyy = zzz

Reason:

TLMSVSIO: An error was detected accessing the VMF index.

wwwww

> Describes the access. It can be OPEN, CLOSE, GET, PUT or ERASE.

xxx

> Defines the return code in register 15.

yyyyy

> Defines the ERROR for OPEN and CLOSE, and FDBAK for PUT, GET and ERASE.

zzz

> Defines the error code or the feedback code from VSAM.

Action:

See the *z/OS DFSMS Macro Instructions for Data Sets Manual*. The return and reason codes are listed in the section 'VSAM Macro Return and Reason Codes'.

CAT2289T

xxxxx ERROR ON VSAM FILE R15=xxx TYPE=xxx - REBUILD VMF INDEX

Reason:

TLMSVSIO: VMF Index VSAM error. Probable VSAM file damage.

Action:

See the IBM *VSAM Systems Programmer Guide.*

CAT2290I

VMF INDEX DDNAME IS MISSING

Reason:

TLMSVSIO: Inquiries using the DN command were rejected because the VMF INDEX was either not installed, or the DD statement for the index was missing.

Action:

Install the index and/or provide the DD statement.

CAT2291D

REPLY WITH VALID INQUIRY COMMAND

Reason:

TLMSCMND: The inquiry/update feature of CA TLMS was started.

Action:

Reply with a valid inquiry/update command.

CAT2292D

MULTIPLE DSN(S) EXIST - REPLY ND OR COMMAND

Reason:

TLMSCMND: A DV command was entered for a volume which contained multiple data sets.

Action:

Enter an ND command if you wish to display the next data set, or enter any other valid inquiry/update command.

CAT2293D

MULTIPLE VSN(S) EXIST - REPLY NV OR COMMAND

Reason:

TLMSCMND: A DV command was entered for a volume which is part of a multivolume data set.

Action:

Enter an NV command if you wish to display the next volume, or enter any other valid inquiry/update command.

CAT2294D

MULTIPLE DSN(S)/VSN(S) EXIST REPLY ND, NV, OR COMMAND

Reason:

TLMSCMND: A DV command was entered for a volume which contains multiple data sets on multiple volumes.

Action:

Enter an NV command if you wish to display the next volume, an ND command if you wish to display the next data set, or enter any other valid inquiry/update command.

CAT2295D

MORE INFORMATION PENDING - REPLY MORE OR COMMAND

Reason:

TLMSCMND: A command was entered which generated more data than fits on the display console.

Action:

Reply with the keyword MORE to display the remaining information.

CAT2296D

MORE VERSIONS TO DISPLAY, ENTER NDV OR COMMAND

Reason:

TLMSCMND: Multiple versions of this data set name do exist.

Action:

Enter the NDV to see the next version, or enter any other valid command.

CAT2296E

OPEN ERROR ON VMF CONVERSION TERMINATED

Reason:

TLMSVSUT: VMF file not allocated or initialized.

Action:

Initialize the VMF or allocate the correct VMF and resubmit the job.

CAT2297E

INVALID PARAMETER SPECIFIED

Reason:

TLMSVSUT: An invalid input statement was specified.

Action:

Correct the input statement and resubmit the job.

CAT2298E

OPEN ERROR ON VMF CONVERSION TERMINATED

Reason:

TLMSVSUT: VMF file not allocated or initialized.

Action:

Initialize the VMF or allocate the correct VMF and resubmit the job.

CAT2300 - CAT2399

CAT2301E

INTERNAL ERROR - OPEN INITIALIZATION ROUTINE HAS FAILED

Reason:

TLCMDSEC: Incorrect calling sequence or wrong parameters at initialization. This is an internal error.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAT2302E

INTERNAL ERROR - INSTALLATION OPTIONS WERE NOT LOADED

Reason:

TLCMDSEC: CA TLMS installation options module not found.

Action:

Recheck CA TLMS installation or ensure that the correct libraries are available to the task issuing this error message.

CAT2303E

INTERNAL ERROR - CLOSE TERMINATION ROUTINE HAS FAILED

Reason:

TLCMDSEC: Incorrect calling sequence or wrong parameters at termination. This is an internal error.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAT2304W

COMMAND PROCESSING ERROR - COMMAND KEYWORD NOT FOUND

Reason:

TLCMDSEC: Incorrect command keyword has been passed to routine for security processing.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAT2400 - CAT2499

CAT2402E

CA TLMS - AUXILIARY THRESHOLD REACHED *** EXPAND VMF

Reason:

TLMSVMRW CMSVMRW: Update routine required an auxiliary record for chaining data sets or volumes. An available record was found, and the chaining was completed. This message informs the operator that the auxiliary area is nearing its capacity of available records and appears each time an auxiliary record is required until the shortage is relieved. If the auxiliary area is not expanded soon, message CAT2401E may occur.

Action:

Schedule for the near future a dump of the Volume Master File, by editing member TLMSIDCK in your CAI.CTAPOPTN data set with an expanded auxiliary area (AUX=nnnnnn,WARNING=nnnnn); then, restore the VMF from the dumped version.

CAT2404E

CA TLMS -- MULTI-DATA SET CHAINING STOPPED FOR VSN volser

Reason:

TLMSVMRW: Update routine encountered an invalid chain condition for VSN *volser* while trying to add another data set to the existing chain.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAT2405E

CA TLMS -- MULTIVOLUME CHAINING STOPPED FOR VSN volser

Reason:

TLMSVMRW: Update routine encountered an invalid chain condition for VSN *volser* while trying to add another volume to the existing chain.

Action:

Dump/restore the Volume Master File. Perform one of the following manual actions if the problem recurs.

- Break volume chains (UPV volser,CHV=BRKCHN). This breaks all volume chains associated with the problem volume, resulting in an initialized volume. Volume sequence, volume count, file sequence and file count are zero. Other fields are blank.

- Establish a single volume data set to break volume chains associated with the problem volume (UPV volser, EXPDT=60001). Volume sequence and count, and file sequence and count are 1. Other fields remain the same.

- Reestablish volume and data set chains (UPV & CHD). All data related fields should be updated if needed.

The following is an example: A multivolume data set chain is invalid.

```
VSN=000001  VOLSEQ=1 VOLCNT=2 FILESEQ=1 FILECNT=1
VSN=000002  VOLSEQ=2 VOLCNT=3 FILESEQ=1 FILECNT=1
VSN=000003  VOLSEQ=3 VOLCNT=3 FILESEQ=1 FILECNT=1
VSN 000001 IS CHAINED TO 000010.(INVALID CHAIN)
VSN 000002 IS CHAINED TO 000002 (BASE VOLUME=000001)
VSN 000003 IS CHAINED TO 000003 (BASE VOLUME=000001)
```

20 The following is one solution to the problem:

```
UPV 000001,CHV=BRKCHN (CLEAR AND BREAK CHAINS)
UPV 000002,EXPDT=60001 (SINGLE VOLUME DATA SET)
UPV 000003,EXPDT=60001 (SINGLE VOLUME DATA SET)
UPD 000001,DSN=PAYROLL.MASTER.SYSTEM,CDATE=81100
UPD 000001,CTIME=15.30.00,CJOB=PAY,CSTEP=PAY01
UPV 000001,CHV=000002,VOLSEQ=2 (CHAIN THE VOLUMES)
UPV 000010,CHV=000002,VOLSEQ=3 (CHAIN THE VOLUMES)
UPV 0001E0,EXPDT=60001 (SINGLE VOLUME DATA SET)
```

The above restored the three (3) volume data sets and released one volume (000010) from volume chains.

CAT2406E

CA TLMS -- CHAINING STOPPED FOR VSN volser

Reason:

TLMSVMRW: Update routine encountered invalid chain condition.

Action:

Dump/restore the Volume Master File. Perform one of the following manual actions if the problem recurs.

- Break volume chains (UPV volser,CHV=BRKCHN). This breaks all volume chains associated with the problem volume, resulting in an initialized volume. Volume sequence, volume count, file sequence and file count are zero. Other fields are blank.

- Establish a single volume data set to break volume chains associated with the problem volume (UPV volser, EXPDT=60001). Volume sequence and count, and file sequence and count are 1. Other fields remain the same.

- Reestablish volume and data set chains (UPV & CHD). All data related fields should be updated if needed.

The following is an example:

A multivolume data set chain is invalid.

```
VSN=000001  VOLSEQ=1 VOLCNT=2 FILESEQ=1 FILECNT=1
VSN=000002  VOLSEQ=2 VOLCNT=3 FILESEQ=1 FILECNT=1
VSN=000003  VOLSEQ=3 VOLCNT=3 FILESEQ=1 FILECNT=1
VSN 000001 IS CHAINED TO 000010.(INVALID CHAIN)
VSN 000002 IS CHAINED TO 000002 (BASE VOLUME=000001)
VSN 000003 IS CHAINED TO 000003 (BASE VOLUME=000001)
```

The following is one solution to the problem:

```
UPV 000001,CHV=BRKCHN (CLEAR AND BREAK CHAINS)
UPV 000002,EXPDT=60001 (SINGLE VOLUME DATA SET)
UPV 000003,EXPDT=60001 (SINGLE VOLUME DATA SET)
UPD 000001,DSN=PAYROLL.MASTER.SYSTEM,CDATE=81100
UPD 000001,CTIME=15.30.00,CJOB=PAY,CSTEP=PAY01
UPV 000001,CHV=000002,VOLSEQ=2 (CHAIN THE VOLUMES)
UPV 000010,CHV=000002,VOLSEQ=3 (CHAIN THE VOLUMES)
UPV 0001E0,EXPDT=60001 (SINGLE VOLUME DATA SET)
```

The above restored the three (3) volume data sets and released one volume (000010) from volume chains.

CAT2407E

CA TLMS -- CRITICAL CHAIN ERROR FOUND, ALL CHAINING STOPPED

Reason:

TLMSVMRW CMSVMRW: Update routine encountered a VSN with a bad volume chain and a bad data set chain. This error can also occur if the update routine tried to use a previously allocated AUX record for chaining.

Action:

Dump and restore the Volume Master File to correct the chaining errors.

CAT2408E

t---t

Reason:

TLMSVMRW: The VMF I/O module got an error during a read or write operation. The t----------t is the text provided by IBM IOS for the CHECK macro.

Action:

Take the corrective action recommended by IBM for this text.

CAT2500 - CAT2599

CAT2501E

ERROR OCCURED CREATING VSAM FILE, VSAM RC IN REG 15

Reason:

VSAM encountered an error during an I/O operation.

Action:

Reference the VSAM return code and contact Technical Support at http://ca.com/support for assistance.

CAT2502E

ERROR OCCURRED DURING SORT, SORT RET CODE IN REG 15

Reason:

The client-installed sort product encountered an error while sorting the entries for the VMF Index File.

Action:

Reference the appropriate sort documents (the Sort product return code is in register 15) and contact Technical Support at http://ca.com/support for assistance.

CAT2503E

THE PARM VALUE SPECIFIED FOR SORT FILE SIZE IS TOO LARGE

Reason:

The PARM field passed to TLMSVMIX exceeds the maximum length of 13 characters.

Action:

Correct the value and rerun.

CAT2600 - CAT2699

CAT2605E

DATA SET NAME MISSING OR INVALID

Reason:

TLMSCMND: The data set name entered is either misspelled or invalid.

Action:

Enter a properly spelled data set name.

CAT2606E

VERSION NUMBER MISSING OR INVALID

Reason:

TLMSCMND: The VER= keyword was entered, but the version number was missing or invalid.

Action:

Enter a valid version number following VER= keyword.

CAT2607E

DATA SET OR VERSION OF DATA SET NOT FOUND

Reason:

TLMSCMND: The data set name entered is either misspelled or invalid, or a version of a data set name was entered that does not exist.   .

Action:

Enter a properly spelled data set name and correct version.

CAT2700 - CAT2799

CAT2701E

COMMAND PREFIX NOT EQUAL TO TDA OR TDD OR SCA OR SCD

Reason:

TLMSRMUP: Control statement expecting the beginning of a new command.

Action:

Specify TDA, TDD, SCA or SCD command on control statement and resubmit the job.

CAT2702E

NO AUTHORIZATION CODE SUPPLIED

Reason:

TLMSRMUP: Authorization code required for TDA command.

Action:

Supply the authorization code and resubmit the job.

CAT2703E

DATA SET NAME OR QUALIFIER DATA SET NAME CONTAINS INVALID CHARACTER

Reason:

TLMSRMUP: Data set name is equal to spaces or contains invalid characters.

Action:

Correct the error and resubmit the job.

CAT2704E

JOBNAME ONLY VALID WITH FULLY QUALIFIED DATA SET NAMES

Reason:

TLMSRMUP: Job name may not be specified with a partially qualified data set.

Action:

Delete the job name and resubmit the job.

CAT2705E

BOXES MUST BE DEFINED AT THE DATA CENTER FOR USE AT OTHER SITES.

Reason:

TLMSRMUP: Off-site use of box storage media requires that the data center also use box IDs.

Action:

Define all box IDs at the data center and resubmit the job.

CAT2706E

LOCATION FIELD(S) AFTER BLANK COLUMNS

Reason:

TLMSRMUP: Location fields follow blank field.

Action:

Delete the excess information and resubmit the job.

CAT2707E

TYPE RETENTION CODE SPACES

Reason:

TLMSRMUP: Spaces were detected where retention type information should have been specified.

Action:

Check the input statement for the missing type information, fill it in and resubmit the job.

CAT2708E

TYPE RETENTION CODE BLANK OR INVALID NUMBER

Reason:

TLMSRMUP: Retention type code should be an integer from 1 to 9. This message appears if retention type is specified as blank, zero or any other character.

Action:

Determine the desired retention type, fill it in and resubmit the job.

CAT2709E

TYPE 6 AND 8, AND 9 RETENTION VALID IN DATA CENTER LOCATION ONLY

Reason:

TLMSRMUP: Retention type 6 and 8 may only be used as the retention type in the data center. If these types are specified as the type in any off-site location, this error occurs.

Action:

Determine a suitable retention type for the off-site location and resubmit the job.

CAT2710E

TYPE 1, 2, 3, A, B, or C VALID IN ONE SITE ONLY

Reason:

TLMSRMUP: Retention types 1, 2, 3, A, B, or C can only be used one time each in a retention job stream.

Action:

Determine the retention criteria, correct the control statement, and resubmit the job.

CAT2711E

LOCATION ID NOT ALPHABETIC OR NUMERIC -- ID = xx

Reason:

TLMSRMUP: Location ID must be a two-character alphanumeric field.

Action:

Correct this field in the control statement and resubmit the job.

CAT2712E

DATA CENTER ONLY ALLOWED AS FIRST LOCATION

Reason:

TLMSRMUP: Data center specified as other than the first retention site.

Action:

Correct the retention stream so data center is only at the first location and resubmit the job.

CAT2713E

FIRST LOCATION ID NOT THE DATA CENTER

Reason:

TLMSRMUP: First retention location must be the data center.

Action:

Correct the control statement and resubmit the job.

CAT2714E

VERSION NUMBER NOT NUMERIC

Reason:

TLMSRMUP: Version number must be numeric or blanks.

Action:

Correct the control statement and resubmit the job.

CAT2715E

COUNT FIELD NOT NUMERIC

Reason:

TLMSRMUP: Count field must be numeric or spaces.

Action:

Correct the control statement and resubmit the job.

CAT2716E

COUNT FIELD CONTAINS ALL ZEROS FOR TYPE x

Reason:

TLMSRMUP: Count field must be a number when the type indicated by *x* is specified.

Action:

Determine the appropriate count field and resubmit the job.

CAT2717E

COUNT FIELD MUST BE BLANK OR ZEROS FOR TYPES 6 OR 9 RETENTION

Reason:

TLMSRMUP: Count field was specified and cannot be for type 6 or 9.

Action:

Correct the count field and resubmit the job.

CAT2718E

LOCATION NOT DEFINED IN THE TAPE RETENTION MASTER FILE -- xx

Reason:

TLMSRMUP: Location has not been added to the Retention Master File or has been deleted from the Retention Master File.

Action:

Add location to the Retention Master File with SCA control statement and resubmit the previous control statements.

CAT2719E

PROGRAM DEL TABLE FULL

Reason:

TLMSRMUP: The table used to monitor deletions of data sets has reached its capacity.

Action:

Divide the control statements into two executions of TLMSRMUP or contact Technical Support at http://ca.com/support for assistance.

CAT2720E

RETENTION RECORD TO BE DELETED NOT FOUND ON RETENTION MASTER FILE

Reason:

TLMSRMUP: Retention record was never added or has already been deleted from the Retention Master File.

Action:

Resubmit the job without the delete command for this retention record.

CAT2721E

LOCATION RECORD IS CURRENTLY ON RETENTION MASTER

Reason:

TLMSRMUP: Location record has already been added to the Retention Master File.

Action:

Resubmit the job without the location addition control statements, or delete and add the location record.

CAT2722E

STORAGE MEDIUM NOT EQUAL TO B, C OR U

Reason:

TLMSRMUP: Storage medium must be one of B, C, or U.

Action:

Correct the storage medium field to be one of the following and resubmit the job.

B

   box control

C

   cabinet control

U

   undefined

CAT2723E

UNIDENTIFIED CHARACTER FOLLOWING BOX DECLARATION - SHOULD BE SPACE

Reason:

TLMSRMUP: Character following box storage medium declaration is not a space.

Action:

Correct the control statement and resubmit the job.

CAT2724E

SPACE SHOULD FOLLOW CABINET DECLARATION

Reason:

TLMSRMUP: Character following cabinet declaration is not a space.

Action:

Correct the control statement and resubmit the job.

CAT2725E

LOCATION DESCRIPTION FIELD BLANK

Reason:

TLMSRMUP: Location description field should be a two-character alphanumeric field.

Action:

Correct the control statement and resubmit the job.

CAT2726E

LOCATION RECORD NOT FOUND ON RETENTION MASTER

Reason:

TLMSRMUP: Location record was not added to or has been deleted from the Retention Master File.

Action:

Add the location record with an SCA control statement and resubmit the job.

CAT2727E

ERROR on SCA CARD CRITERIA

Reason:

TLMSRMUP: SCA statement in error.

Action:

Correct the error and resubmit.

CAT2728E

PROGRAM DEL SITE TABLE IS FULL

Reason:

TLMSRMUP: The table that stores all the sites being updated has reached its capacity.

Action:

Divide the updates into two executions of TLMSRMUP or contact Technical Support at http://ca.com/support for assistance.

CAT2800 - CAT2899

CAT2801E

BACKUP VOLUME MASTER FILE NOT PROVIDED - RUN TERMINATED

Reason:

TLMSRECV: Cannot do a backup without a backup file.

Action:

Provide the backup file and resubmit the job.

CAT2802E

NO TRANSACTIONS SUBSEQUENT TO THE BACKUP WERE PROVIDED - RUN TERMINATED

Reason:

TLMSRECV: Current copy of Volume Master File has been restored.

Action:

None. This is an informative message.

CAT2803E

SORT ERROR - RUN TERMINATED

Reason:

TLMSRECV: Internal sort error.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAT2900 - CAT3999

CAT2901W

CA TLMS - ALTERNATE LOG FILE NEARING CAPACITY, nnnnn BLOCKS REMAINING.

Reason:

TLMSBKUP: The number of records in the CA TLMS Alternate Log file has exceeded the warning threshold. *nnnnn* is the number of blocks remaining and indicates how many CA TLMS updates may still be recorded before data is lost.

Action:

Schedule a dump of the CA TLMS Alternate Log file as soon as possible.

CAT2902E

CA TLMS - ALTERNATE LOG FILE FULL, RECOVERY DATA LOST.

Reason:

TLMSBKUP: No available space left in the CA TLMS Alternate Log file to record CA TLMS updates.

Action:

Dump the CA TLMS Alternate Log file immediately.

CAT2903W

CA TLMS - ALTERNATE LOG FILE FULL, RUN BACKUP IMMEDIATELY

Reason:

TLMSBKUP: The last available record in the Alternate Log file has been used. Subsequent updates receive message CAT2902E.

Action:

Dump the CA TLMS Alternate Log file immediately.

CAT2904E

CA TLMS - UNABLE TO OPEN TLMSALOG, TERMINATING

Reason:

TLMSBKUP: The open of the TLMSALOG DD statement failed.

Action:

Verify the DD exists, and is pointing to an initialized Alternate Log file. TLMSALOG is required when the RECOVRY=ALTLOG system option is selected (member TLMSIPO of CAI.CTAPOPTN).

CAT2905E

CA TLMS - RECOVERY RECORD REJECTED BY SMF, R15=rc

Reason:

TLMSBKUP: SMFWTM macro returned a nonzero return code when CA TLMS tried to write to the SMF data set.

Action:

Check the SMF manual for your operating system to determine the condition that caused the error. The return code (R15= *rc*) is supplied in the message.

CAT3200 - CAT3299

CAT3201E

NO CONTROL CARDS IN JOB STREAM - JOB TERMINATED

Reason:

TLMSRMUT: Probable user error.

Action:

Put some control statements in the job stream and resubmit job.

CAT3202E

IMBEDDED BLANKS FOUND IN QUALIFIER - NO UPDATE DONE

Reason:

TLMSRMUT: The qualifier must be a continuous string.

Action:

Correct the control statement and resubmit the job.

CAT3204E

OUTPUT ERROR TRYING TO WRITE RECORD - JOB TERMINATED

Reason:

TLMSRMUT: An invalid key condition was encountered.

Action:

Increase the file size and resubmit the job.

CAT3205E

CARD INPUT NOT ADD, RESTORE, DUMP, OR CONVERT - JOB TERMINATED

Reason:

TLMSRMUT: Probable user error.

Action:

Check the input statement for a valid command, correct it and resubmit the job.

CAT3206E

NOT AN ADD CARD - NO UPDATE DONE

Reason:

TLMSRMUT: Probable user error.

Action:

Correct the control statement and resubmit the job.

CAT3207E

ADD CARD COUNT NOT NUMERIC NO UPDATE DONE.

Reason:

TLMSRMUT: Probable user error.

Action:

Correct the control statement and resubmit the job.

CAT3208E

CONTROL CARD OUT OF SEQUENCE - NO UPDATE DONE

Reason:

TLMSRMUT: Probable user error.

Action:

Check the sequence and resubmit the job.

CAT3209E

DUPLICATE QUALIFIER SPECIFIED IN ++ADD CARD - NO UPDATE DONE

Reason:

TLMSRMUT: Each qualifier must be unique.

Action:

Correct the error in the control statement and resubmit the job.

CAT3212E

TRYING TO PROCESS NON-EXISTENT DUMP RECORD

Reason:

TLMSRMUT: No dump file exists.

Action:

Supply the dump file and resubmit the job.

CAT3214

MORE THAN 50 ADD CARD - NO UPDATE DONE

Reason:

TLMSRMUT: Only 50 ADD statements may be processed during one run.

Action:

Reduce the number of ADD statements. Perform multiple runs, if necessary.

CAT3300 - CAT3399

CAT3302E

EXEC PARM NOT NUMERIC

Reason:

TLMSRMFE: Values in the PARM on the EXEC statement must be numeric.

Action:

Correct and rerun.

CAT3303E

EXEC PARM VALUE TOO LARGE

Reason:

TLMSRMFE: The numeric values in the EXEC PARM cannot be more than six significant digits.

Action:

Use numeric PARMs of no more than six digits.

CAT3304E

NO DEFAULT RECORD IN RMF OR UPDATES

Reason:

TLMSRMFE: The update of the RMF must include a default retention rule definition.

Action:

Define a default retention rule and rerun.

CAT3305E

RMF IS IN OLD FORMAT, CAN NOT UPDATE WITH THIS PGM

Reason:

TLMSRMFE: The RMF has not been converted to the full pattern masking format. The RMF must be converted the new pattern masking format before you can make updates with this program.

Action:

If you intend to use pattern masking retention rules, you need to backup the RMF, and then run this program with only the CONVERT command.

CAT3306E

UNKWNOWN COMMAND

Reason:

TLMSRMFE: SYSIN contains a value that is not a valid command. The commands are CONVERT, INIT, ADDRTN, ADDLOC, DELRTN, and DELLOC. One of these must be the first value in a statement.

Action:

Correct and rerun

CAT3307I

NO UPDATES DUE TO ERRORS

Reason:

TLMSRMFE: This message is informing you that none of the updates in this run will be performed because some errors were detected.

Action:

Look for prior error messages and make the needed correction.

CAT3308I

END OF RMF UPDATE REPORT   RC = xx

Reason:

TLMSRMFE: This message indicates the end of report TLMS054. The XX is the return code for the RMF update. If the return code is greater than four, the update failed and the RMF was not changed.

Action:

Informational message.

CAT3309E

ERROR UPDATING RMF

Reason:

TLMSRMFE: There was an error performing update commands which had been validated. This may indicate a problem with the RMF and not the current updates. .

Action:

Have this information available if requested by Customer Support. Contact Customer Support at http://ca.com/support for assistance.

CAT3310I

RMF INITIALIZATION STARTED

Reason:

TLMSRMFE: The INIT command has been accepted and the initialization process has started.

Action:

Informational message.

CAT3311I

INITIALIZATION COMPLETE

Reason:

TLMSRMFE: The initialization process is complete and the RMF is ready for pattern masking updates. Remember the first update run should include a definition for a default retention rule.

Action:

Informational message.

CAT3312I

RMF CONVERSION STARTED

Reason:

TLMSRMFE: The CONVERT command has been accepted and the conversion process has started.

Action:

Informational message.

CAT3313I

RMF CONVERSION COMPLETE

Reason:

TLMSRMFE: The RMF conversion process is complete. If no errors were reported, the RMF is now ready for updates via CATRMFE.

Action:

Informational message.

CAT3314E

INIT MUST BE THE ONLY STATEMENT IN SYSIN

Reason:

TLMSRMFE: An INIT command was found in SYSIN after one or more update commands. The INIT should be the only command in a run.

Action:

If you intended to initialize the RMF, that command must be run alone in the job. If you did not intend to initialize the RMF, then remove this command.

CAT3315E

CONVERT MUST BE THE ONLY STATEMENT IN SYSIN

Reason:

TLMSRMFE: A CONVERT command was found in SYSIN after one or more update commands. The CONVERT should be the only command in a run.

Action:

If you intended to convert the RMF, that command must be run alone in the job. If you did not intend to convert the RMF, then remove this command.

CAT3318I

RMF UPDATES STARTED

Reason:

TLMSRMFE: One or more updated commands have been accepted and verified. The actual process of updating the RMF is starting.

Action:

Informational message.

CAT3319I

RMF UPDATES COMPLETE

Reason:

TLMSRMFE: The RMF update process is complete. If no errors messages are present, your updates are now on the RMF. If you are using Real-Time Retention, you must run a REINIT for the new rules to apply.

Action:

Informational message.

CAT3320E

DSN(.) KEYWORD IS BLANK OR OMITTED

Reason:

TLMSRMFE: A non-blank DSN value is required for ADDRTN and DELRTN commands.

Action:

Specify a valid DSN keyword.

CAT3321E

OWNER(.) KEYWORD IS BLANK OR OMITTED

Reason:

TLMSRMFE: A non-blank OWNER value is required for ADDRTN and DELRTN commands.

Action:

Specify a valid OWNER keyword.

CAT3322E

RTN(.) KEYWORD IS BLANK OR OMITTED

Reason:

TLMSRMFE: The RTN keyword is required for the ADDRTN command. It must contain form one to six retention rules separated by blanks or commas.

Action:

Specify a valid RTN keyword and retention rules.

CAT3323E

VER(.) KEYWORD IS NOT NUMBERIC

Reason:

TLMSRMFE: The VER keyword requires a one to four digit version number.

Action:

Correct and rerun.

CAT3324E

DSN(.) NOT A VALID PATTERN MASK]

Reason:

TLMSRMFE: The DSN value must be a "MVSFILE" object as defined in chapter 6 of the *Configuration Guide*.

Action:

Correct and rerun.

CAT3325E

JOB(.) NOT A VALID PATTERN MASK

Reason:

TLMSRMFE: The JOB value must be a "MVSJOB" object as defined in chapter 6 of the *Configuration Guide*.

Action:

Correct and rerun.

CAT3326E

PARSE ERROR IN RTN(.) KEYWORD

Reason:

TLMSRMFE: The value specified in the RTN keyword, does not meet the rules of the common tape parsing module. You should have one to six retention rules separated by blanks or commas. A retention rule is in the form of tllcccc, See the User's Guide for the values of the tllcccc.

Action:

Correct and rerun.

CAT3327E

PARSE ERROR IN CABLIST(.) KEYWORD

Reason:

TLMSRMFE: The value specified in the CABLIST keyword, does not meet the rules of the common tape parsing module. You should have one to fourteen cabinet definitions separated by blanks or commas. A cabinet definition is in the form of ccnn, See the User's Guide for the values of the ccnn.

Action:

Correct and rerun.

CAT3328E

PARSE ERROR IN BOXLIST(.) KEYWORD

Reason:

TLMSRMFE: The value specified in the BOXLIST keyword, does not meet the rules of the common tape parsing module. You should have one to ten box definitions separated by blanks or commas. A box definition is in the form of bbbbnn, See the User's Guide for the values of the bbbbnn.

Action:

Correct and rerun.

CAT3330E

ID(.) KEYWORD IS BLANK OR OMITTED

Reason:

TLMSRMFE: The ID value for ADDLOC or DELLOC commands must be a two character alphanumeric value.

Action:

Correct and rerun.

CAT3332E

CABLIST(.) KEYWORD IS BLANK

Reason:

TLMSRMFE: The CABLIST keyword must contain one or more cabinet definitions.

Action:

See User Guide for description of cabinet definitions.

CAT3333E

CABLIST AND BOXLIST ARE MUTALLY EXCLUSIVE

Reason:

TLMSRMFE: A location can be either a cabinet location or a box location. The type is determined by specifying either a BOXLIST of a CABLIST. You can not specify both CABLIST and BOXLIST because the location must be one or the other.

Action:

Determine whether the location should be a box or a cabinet location. If the physical location contains both, it must be defined as two logical locations.

CAT3334E

ID(.) IS NOT ALPHAUNMERIC

Reason:

TLMSRMFE: The ID of the ADDLOC and DELLOC commands must be two alphanumeric characters.

Action:

Correct and rerun.

CAT3335E

DUPLICATE CABINET DEFINED FOR THIS LOCATION

Reason:

TLMSRMFE: The CABLIST contains two or more cabinet definitions with the same two characters ID. The cabinet IDs must be unique within a location.

Action:

Look through the CABLIST keywords and remove one of the cabinet definitions or specify the correct cabinet ID.

CAT3336E

DUPLICATE BOX DEFINED FOR THIS LOCATION

Reason:

TLMSRMFE: The BOXLIST contains two or more box definitions with the same two characters ID. The box IDs must be unique within a location.

Action:

Look through the BOXLIST keywords and remove one of the box definitions or specify the correct box ID.

CAT3338E

CABINET TABLE IS FULL

Reason:

TLMSRMFE: As each ADDLOC command is verified, the cabinets within CABLIST keywords are placed in a cabinet table. This table will contain the cabinets defined by all the CABLIST keywords for the command. The current table size is not large enough to hold all the cabinets defined in this command.

Action:

Override the size of the cabinet table by changing the third parameter in the EXEC PARM=(,,nnnnnn). This value should be larger than the maximum number of cabinets defined in any one ADDLOC command.

CAT3339E

BOX TABLE IS FULL

Reason:

TLMSRMFE: As each ADDLOC command is verified, the boxes within BOXLIST keywords are placed into a box table. This table will contain the boxes defined by all the BOXLIST keywords for the command. The current table size is not large enough to hold all the boxes defined in this command.

Action:

Override the size of the box table by changing the forth parameter in the EXEC PARM=(,,,nnnnnn). This value should be larger than the maximum number of boxes defined in any one ADDLOC command.

CAT3340E

tllcccc - RTN TYPE NOT VALID FOR BOX CONTROL

Reason:

TLMSRMFE: In the retention rule tllcccc the type t is not one that allowed for retention of a box. Only retention types 2, 5, 7, and B are allowed for box locations.

Action:

Select one of the valid retention types for this location.

CAT3341E

tllcccc - FIRST RTN LOC MUST BE THE DATA CENTER

Reason:

TLMSRMFE: The first location in the retention rule tllcccc the location ll is not the ID for the data center location. All retention schedules must start at the data center, since this is where the tape is created.

Action:

Change the RTN keyword so that the data center ID is the first location.

CAT3342E

tllcccc - TYPE NOT ALLOWED AT FIRST LOC WITH VER(.)

Reason:

TLMSRMFE: For retention rule tllcccc the type t is not valid with the keyword VER(.) specified. Retention types 4, 7, and 9 are not valid with versions.

Action:

Select another retention type or remove the VER(.) keyword.

CAT3343E

tllcccc - TYPE ONLY VALID IN DATA CENTER

Reason:

TLMSRMFE: For retention rule tllcccc type t is only valid in the data center.

Action:

Select another retention type for location ll.

CAT3344E

tllcccc - TYPE MUST HAVE BLANK/ZERO COUNT

Reason:

TLMSRMFE: For type t of retention rule tllcccc, the count field cccc must always be blank or zero.

Action:

Correct and rerun.

CAT3345E

tllcccc - TYPE ONLY VALID FOR LAST RTN LOC

Reason:

TLMSRMFE: Type t of retention rule tllcccc is only valid in the last position of a retention schedule.

Action:

Select another retention type or make this the last retention rule.

CAT3346E

tllcccc - TYPE CANNOT HAVE ZERO COUNT

Reason:

TLMSRMFE: Type t of retention rule tllcccc must have a non-zero count. Retention types 4, 5, and 8 require count field to be valid.

Action:

Add a count field or select another retention type.

CAT3363E

CONVERSION TABLE IS FULL

Reason:

TLMSRMFE: During the conversion of the RMF from the old record format to the new format the RMF is read sequentially and the record keys are placed in a conversion table. The number of records in the RMF has exceeded the default number of entries in the table.

Action:

Change the override value in the EXEC PARM to equal or exceed the number of retention records in the RMF. The override for the conversion table is the first parameter in the PARM.

CAT3364E

UPDATE TABLE IS FULL

Reason:

TLMSRMFE: After each update statement is verified is placed in an update table. After all the update statements are verified, the RMF is updated from entries in the update table. The update became full before all of the update statements were verified.

Action:

Override the number of entries in the update table to exceed the number of updates in this run. Change the second value in the EXEC PARM to override the update table size.

CAT3368E

ACTIVE LOCATION TABLE IS FULL

Reason:

TLMSRMFE: While verifying the update statements TLMSRMFE creates and maintains a table of all the active locations in the RMF. The number of locations allowed has been exceeded.

Action:

Override the number of entries allowed in the active location table. Change the fifth value in the EXEC PARM to override the active locations table.

CAT3369E

DUPLICATE FUNCTION AND KEY IN THIS RUN

Reason:

TLMSRMFE: Two are more update statements in this run have the same function and key. For retention rules, the function is either ADDRTN or DELRTN and the key is the DSN and JOB values. For locations, the function is either ADDLOC or DELLOC and the key is the ID value. The rest of the values may differ between the statements.

Action:

Either remove one of the statements or change the key.

CAT3370E

tllcccc - RTN TYPE NOT VAILD

Reason:

TLMSRMFE: The type t of the retention rule tllcccc is not valid. It must be 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, or C.

Action:

Select one valid retention types.

CAT3371E

tllcccc - RTN COUNT IS NOT NUMERIC

Reason:

TLMSRMFE: The cccc of retention rule tllcccc is not numeric.

Action:

Correct and rerun.

CAT3372E

tllccccc - RTN LOC NOT ALPHANUMERIC

Reason:

TLMSRMFE: The ll of retention rule tllcccc must be two alphanumeric characters.

Action:

Correct and rerun.

CAT3375E

tllcccc - RTN ENTRY TOO LONG

Reason:

TLMSRMFE: The retention rule starting with tllcccc is longer than seven characters.

Action:

Correct and rerun.

CAT3376E

tllcccc - RTN LOCATION NOT IN RMF

Reason:

TLMSRMFE: The ll of the retention entry tllcccc was not found in the RMF.

Action:

Change the ll to the ID of a location in the RMF or include an ADDLOC to define the ll during this run.

CAT3377E

tllcccc - TYPE SHOULD ONLY IN SCHEDULE ONCE

Reason:

TLMSRMFE: The type t in retention rule tllcccc is specified in more than one rule in the retention schedule. Types 1, 2, 3, A, B, and C can only appear once in a retention schedule.

Action:

Change one of the retention types or remove one of the rules.

CAT3380E

ccnn - CABINET NOT ALPHANUMERIC

Reason:

TLMSRMFE: The cc of the cabinet definition is not a two character alphanumeric value.

Action:

Correct and rerun.

CAT3381E

ccnn - CABINET SLOTS NOT NUMERIC

Reason:

TLMSRMFE: The nn of the cabinet definition is not a two character numeric value.

Action:

Correct and rerun.

CAT3382E

bbbbnn - BOX NOT ALPHANUMERIC

Reason:

TLMSRMFE: The bbbb of the box definition is not a four character alphanumeric value.

Action:

Correct and rerun.

CAT3383E

bbbbnn - BOX SLOTS NOT NUMERIC

Reason:

TLMSRMFE: The nn of the box definition is not a two digit numeric value for the number of slots within the box.

Action:

Correct and rerun.

CAT3385E

IF LOC NOT DATA CENTER THEN BOXLIST MUST BE EMPTY

Reason:

TLMSRMFE: Boxes can only be defined at the data center so all other box locations must specify an empty box list.

Action:

Specify BOXLIST().

CAT3386E

IF LOC IS DATA CENTER THEN BOXLIST CANNOT BE EMPTY

Reason:

TLMSRMFE: Boxes can only be defined at the data center so the BOXLIST(.) at the data center cannot be empty.

Action:

If there are other box locations in the RMF, specify a BOXLIST that defines one or more boxes. Otherwise, remove the BOXLIST keyword.

CAT3390E

RECORD FOR ADDRTN IS ALREADY IN THE RMF

Reason:

TLMSRMFE: A record with the same key as this ADDRTN is already in the RMF.

Action:

If the key information in the ADDRTN command is correct, the record is in the RMF and you don't need to add it. If you wish to change the RMF record, you must delete it with a DELRTN command then add the changed version with an ADDRTN.

CAT3391E

RECORD FOR DELRTN IS NOT IN THE RMF

Reason:

TLMSRMFE: No record with the same key as in the DELRTN exist in the RMF.

Action:

If the key information in the command is correct, you do not need the DELRTN. Otherwise correct the DSN and/or JOB keywords and rerun.

CAT3392E

OWNER IN DELRTN DOES NOT MATCH OWNER IN RMF

Reason:

TLMSRMFE: To protect against accidental deletion of retention records, the OWN(..) value in a DELRTN must match the value in the RMF.

Action:

Correct the OWN(...) keyword and reran. You can run a CATRMFP for the TLMS016 to determine the owner value.

CAT3393E

RECORD FOR ADDLOC IS ALREADY IN THE RMF

Reason:

TLMSRMFE: A record with the same ID is already in the RMF.

Action:

If the ID(..) value is correct, you do not need to add this location. If you wish to change the information is the location record, you must delete it with a DELLOC command and the add it with an ADDLOC command.

CAT3394E

RECORD FOR DELLOC IS NOT IN THE RMF

Action:

TLMSRMFE: No record with the same ID as the DELLOC command exist in the RMF.

Reason:

 If the ID information is correct, you do not need the DELLOC. Otherwise, change the ID and rerun.

CAT3395E

nnnnn ERROR FOR THE RMF R15 = ccc sssss = bbb

Reason:

TLMSRMFE: An I/O error occurred attempting to access the RMF.

- nnnnn is the I/O function attempted

- ccc is the return code

- sssss is the field name

- bbb is the feedback code

Action:

For more information see message CAT3397I which follows this message. Have this information available if requested by Customer Support. Contact Customer Support at http://ca.com/support for assistance.

CAT3396E

END-OF-FILE DURING STATEMENT CONTINUATION

Reason:

TLMSRMFE: The last command in the SYSIN had continuation turned on.

Action:

If the last command is complete, then remove the continuation. Otherwise, complete the last command and rerun.

CAT3397I

KEY(...)

Reason:

TLMSRMFE: This message shows the information from the key of a failing command.

Action:

Informational message.

CAT3398E

PROGRAM ABORTED BECAUSE IT CAN NOT LOGICALLY CONTINUE

Reason:

TLMSRMFE: Previous errors make it impossible to continue processing.

Action:

Review all previous errors and correct them.

CAT4100 - CAT4199

CAT4101E

NO INPUT CARDS

Reason:

TLMSALOG: No input statements were supplied by the user.

Action:

Supply the input statements and resubmit the job.

CAT4102E

BLOCKS = NOT FOUND IN COLUMN 16

Reason:

TLMSALOG: Position 16 must specify BLOCKS=value, where *value* is the number of records which determines the capacity of the history file.

Action:

Supply a value for BLOCKS and resubmit the job.

CAT4103E

WARNING = NOT FOUND

Reason:

TLMSALOG: Immediately following BLOCKS=value1, and separated by a comma, must be WARNING=value2, where *value2* is the number of records at which overflow messages prints on the main console. The WARNING value must be less than the BLOCKS value.

Action:

Supply a value for WARNING that is less than the value supplied for BLOCKS.

CAT4104E

INVALID CARD IN INPUT

Reason:

TLMSALOG: An invalid control statement was read and rejected, and the next statement was read.

Action:

Correct the invalid statement and resubmit the job.

CAT4105E

WARNING COUNT VALUE ERROR

Reason:

TLMSALOG: The WARNING value is either nonnumeric or is greater than the BLOCKS value.

Action:

Correct the WARNING value and rerun the job.

CAT4106E

BLOCK COUNT VALUE ERROR

Reason:

TLMSALOG: The BLOCKS value is nonnumeric, causing the job to terminate.

Action:

Correct the BLOCKS value and rerun the job.

CAT4107E

NO RECORDS IN ALOG

Reason:

TLMSALOG: Probably due to processing errors or invalid input statements; no records were created in the CA ALOG (CAIALOG).

Action:

Determine the cause of the invalid ALOG, correct and resubmit the job.

CAT4500 - CAT4599

CAT4501E

INVALID CA TLMS RETENTION RUN DATE CARD

Reason:

TLMSTRS: The CA TLMS retention run date statement is invalid. Retention processing terminates.

Action:

Correct the retention run date statement and rerun the job. See the *User Guide* for the correct format.

CAT4502E

NO RECORDS ON CA TLMS VOLUME MASTER FILE

Reason:

TLMSTRS: No records can be located; the CA TLMS Volume Master File is in error. Retention processing terminates.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAT4503E

NO CONTROL RECORD ON CA TLMS VOLUME MASTER FILE

Reason:

TLMSTRS: No control record can be located; the CA TLMS Volume Master File is in error. Retention processing terminates.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAT4504E

NO BASE RECORDS ON CA TLMS VOLUME MASTER FILE

Reason:

TLMSTRS: No base records can be located; the CA TLMS Volume Master File is in error. Retention processing terminates.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAT4505E

NO RECORDS ON CA TLMS RETENTION MASTER FILE

Reason:

TLMSTRS: No records can be located; the CA TLMS Retention Master File is in error. Retention processing terminates.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAT4506E

NO LOCATION RECORDS CA TLMS RETENTION MASTER FILE

Reason:

TLMSTRS: No location records can be located; the CA TLMS Retention Master File is in error. Retention processing terminates.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAT4507E

NO VOLUME MASTER RECORDS SELECTED FOR RETENTION

Reason:

TLMSTRS: No records were selected for retention processing.

Action:

None. This is an informative message.

CAT4508I

NO VOLUMES QUALIFY FOR MOVEMENT OR SCRATCH

Reason:

TLMSTRS: None of the selected master volumes qualifies for movement or scratching.

Action:

None. This is an informative message.

CAT4509E

RETENTION RUN DATE IS LESS THAN CREATION DATE

Reason:

TLMSTRS: The retention run date is less than the creation date of the specified VSN. Retention on this volume is bypassed. Retention processing continues.

Action:

Correct the creation date, change the retention run date, or wait until the run date is equal to or greater than the creation date.

CAT4510E

LOC OF MULTIVOLUME NOT = LOC OF BASE VOLUME

Reason:

TLMSTRS: The location ID of the multivolume specified is not equal to the location ID of the base volume. Retention processing continues.

Action:

Correct the location ID for the specified volume in the Volume Master File.

CAT4511E

INVALID RETENTION TYPE OF N

Reason:

TLMSTRS: An invalid retention type (N) was specified in the retention record. Retention is bypassed for all data sets under the qualifier given. Retention processing continues.

Action:

Correct the retention type in the CA TLMS Retention Master File and rerun the job, if desired.

CAT4512E

DEFAULT RECORD NOT ON RETENTION MASTER FILE

Reason:

TLMSTRS: No default record can be located; the CA TLMS Retention Master File is in error. Retention processing terminates.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAT4513W

INVALID field DATE OF date

Reason:

TLMSTRS: An invalid Julian *date* was found in the *field* of the record. Retention processing continues.

Action:

Correct the invalid date.

CAT4514W

CVOL volser NOT MOUNTED

Reason:

TLMSTRS: CVOL *volser* is not mounted. Retention processing continues.

Action:

Mount CVOL and rerun the job.

CAT4515E

RETURN CODE FROM SORT NOT = TO ZEROS

Reason:

TLMSTRS: Retention processing terminates.

Action:

Reference the sort output listings for corrective action.

CAT4516E

ATTEMPTING TO FIND ALL VOLS. BASE VOL NOT FOUND

Reason:

TLMSTRS: The Tape Retention System (TRS) was attempting to find all of the volumes in the chain, but was unable to locate the first volume in the chain.

Action:

Execute TLMSVCVS to diagnose possible chaining errors.

CAT4517E

ATTEMPTING TO FIND ALL VOLS. ERROR READING CHAIN

Reason:

TLMSTRS: The Tape Retention System (TRS) was attempting to locate all the volumes in a chain, but was unable to locate the first volume in the chain.

Action:

Execute TLMSVCVS to diagnose possible chaining errors.

CAT4520E

nnnn RECORD NOT FOUND

Reason:

TLMSTRS: The chained record identified in the base volume cannot be found. Retention processing continues.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAT4521E

LOCATION HAS NO MORE AVAILABLE STORAGE

Reason:

TLMSTRS: All available cabinets/slots or boxes at this location have been assigned. Retention processing continues.

Action:

Add more storage, if obtainable at this location, to the location record of the Retention Master File. Rerun the job.

CAT4522E

INVALID REPORT CONTROL CARD

Reason:

TLMSTRS: The report request statement is invalid. Retention processing terminates.

Action:

Correct the report request statement and rerun the job. See the *User Guide* for the correct format and parameters.

CAT4523W

INVALID ATTEMPT AT MULTI-DATA SET CONTROL

Reason:

TLMSTRS: More than one data set is specified as the controlling data set (CDS) for a multi-data set volume.

Action:

Verify the controlling data set.

CAT4524E

INVALID RETENTION TYPE PARAMETER IN CONTROL CARD

Reason:

TLMSTRS: The Report TLMS044 control statement is requesting a retention type other than 1, 2, 3, 4, 5, 6, 7, 8 or 9. Retention processing terminates.

Action:

Correct the report control statement parameter and rerun the job. See the *User Guide* for correct format.

CAT4525W

NO VOLUMES QUALIFY FOR RETENTION TYPE REPORT

Reason:

TLMSTRS: There are no active volumes being retained by the type(s) requested on the Report TLMS044 control statement. Retention processing continues.

Action:

None. This is an informative message.

CAT4526W

CDS=001, CONTROLLING FILE FLAG NOT = *

Reason:

TLMSTRS: Retention processing continues.

Action:

None. This is an informative message.

CAT4527E

RETENTION RUN DATE > 3 DAYS ACCEPT KEYWORD REQUIRED

Reason:

TLMSTRS: The date specified on the run date control statement is greater than three days past current date; therefore, the word ACCEPT must follow the date on the statement. Retention processing terminates.

Action:

Correct the date to be less than three days past current date, or add ACCEPT to the control statement and rerun the job. See the *User Guide* for correct format.

CAT4528E

ENTRIES TO table EXCEED MAX OF nnnnn

Reason:

TLMSTRS: The number of attempted entries to the table indicated by *table* is greater than the maximum allowed. Retention processing terminates.

Action:

Rerun using the PARM field option to expand the table entries.

CAT4529W

INVALID RETURN CODE OF rc FROM CATALOG LOCATE

Reason:

TLMSTRS: The return code *rc* from catalog locate is not valid. Retention processing continues.

Action:

See IBM's *SPL: Data Management* for an explanation of the return code.

CAT4530E

INVALID IBM EXP DATE OF date FOR RET TYPE 9

Reason:

TLMSTRS: The IBM expiration date (indicated by *date)* on the CA TLMS Volume Master File record specified is not a special coded date and cannot be used for retention type 9. Retention for this volume is bypassed. Retention processing continues.

Action:

Correct the expiration date on the Volume Master File, or change the retention type on the qualifier record on the Retention Master File. Rerun the job, if desired. See the *User Guide* for valid coded expiration dates.

CAT4531E

INVALID field = date CANNOT PERFORM RETENTION

Reason:

TLMSTRS: An invalid Julian *date* in *field* of the VSN record was detected. Retention processing continues.

Action:

Correct the invalid date and rerun the job.

CAT4532E

CDATE AND LDATE = 00000 CANNOT PERFORM RETENTION

Reason:

TLMSTRS: Both the CRE-DATE and LAST-USED-DATE of the VSN record specified are equal to zeros and retention cannot be performed for these volumes. Retention processing continues.

Action:

Update either the CDATE or LDATE for the volume specified. Rerun the job, if desired.

CAT4533E

INVALID OR REPETITIOUS INPUT CARD

Reason:

TLMSTRS: The specified input statement is either invalid or is repetitious of a previous input statement. Retention processing terminates.

Action:

Correct the input statement(s) and rerun the job. See the *User Guide* for the correct format and number of statements.

CAT4534E

INVALID LOCATION-id IN VMF (NOT DEFINED RMF LOC)

Reason:

TLMSTRS: The location ID in the volume specified is not defined as a valid location in the Retention Master File. Retention processing continues.

Action:

Correct the location ID for the volume in the Volume Master File, or add a location record for that location to the Retention Master File. Rerun the job, if desired.

CAT4535E

INVALID LOCATION-id IN RMF-QUALIFIER RECORD

Reason:

TLMSTRS: The location ID specified for the qualifier given is not a defined location in the Retention Master File. Retention processing continues.

Action:

Correct the location ID given in the qualifier record of the Retention Master File, or add a location record to the Retention Master File for that location ID. Rerun the job, if desired.

CAT4536E

INVALID LOCATION-id OR BOX-ccss IN VMF RECORD

Reason:

TLMSTRS: The location ID and/or box storage specified in the Volume Master File is not defined as a location or storage space in the Retention Master File. Retention processing continues.

Action:

Correct either the location ID or box storage in the Volume Master File, or add the location/storage definition to the Retention Master File. Rerun the job, if desired.

CAT4537E

LOCATION-ID ON VMF NOT ON RMF QUALIFIER RECORD

LOCATION-ID ON VMF NOT ON RMF DEFAULT RECORD

LOCATION-ID ON VMF NOT DATA-CENTER-ID

Reason:

TLMSTRS: The location ID specified on the Volume Master File is not defined as one of the locations on the volume's qualifier record (or default record) on the Retention Master File, or it is not the data center ID which is required for expiration date default. Retention processing continues.

Action:

Correct either the location ID on the Volume Master File, or add the location to the qualifier record or correct the default record on the Retention Master File. Rerun the job, if desired.

CAT4538E

DUPLICATE GDG, CYCLE COUNT NOT INCREMENTED

Reason:

TLMSTRS: Identical generations of a generation data group data set were encountered. The data set is being retained under cycle control (type code 4). All duplicates are treated as the same cycle. Duplicate versions are candidates for manual scratching. The data set was probably created more than once, but only the most current version is reflected on the catalog.

Action:

None. This is an informative message.

CAT4540W

WARNING***DUPLICATE GENERATION OF GDG

Reason:

TLMSTRS: An identical generation of a generation data set was encountered. If the data set is being retained under cycle control, CAT4538E will also appear later during TRS processing.

Action:

None. This is an informative message.

CAT4541I

WARNING***MISSING GENERATION (G0000V00)

Reason:

A gap was detected in the edit of GDG data sets. The GDG that is missing is the generation between the levels that are reported. This message serves only as a warning that a data set is not being processed for retention/movement. It may have been inadvertently scratched, or may be out-of-service.

Action:

None. This is an informative message.

CAT4542E

INVALID DSN - UNABLE TO PERFORM RETENTION

Reason:

TLMSTRS: The first character(s) of the data set name is a blank.

Action:

Manually update the data set name, deleting the blank character(s).

CAT4543E

RETURN FROM USER EXIT NOT EQUAL TO ZERO RC=rc

Reason:

TLMSTRS: The user has set a return code or left a value in register 15.

Action:

Check the user exit program.

CAT4544I

CRASH PROTECTED - UNABLE TO PERFORM RETENTION.

Reason:

TLMSTRS: This is a "crash protected" data set. The scratch status is nonscratch, and the data set name is changed at open for output for protection against system failure.

Action:

The same job (JOBNAME) is allowed to use the volume(s) for output without changing the scratch status of the volume. Manually change these volumes to SCRATCH status before reusing for output by another job.

CAT4545I

VOLUME COUNT ERROR - UNABLE TO PERFORM RETENTION

Reason:

TLMSTRS: A multivolume data set has a volume count of zero. An end-of-file condition was not given to CA TLMS, system crash during job execution or user exit failure.

Action:

Manually scratch unneeded volumes, or restore multivolume chains by manually breaking volume chains, rebuilding all the data set information and manually chaining the volumes back together.

CAT4547E

MULTI-VOL CHAIN ERROR   BASE VOL=volser.

Reason:

TLMSTRS: Volume chain pointers are incorrect.

Action:

Correct volume chains to process multivolumes through TRS. Execute TLMSVCVS (volume chaining verification system) to determine other possible volume chain errors.

CAT4548I

UNABLE TO LOCATE CDS

Reason:

TLMSTRS: User-defined message(s) from user exit TLMSXTRS.

Action:

The action to be taken depends on the user-defined message.

CAT4549E

RMF RULE REQUESTED SCRATCH, REJECTED FOR EDM

Reason:

- TLMSTRS: The Retention Master File rule has directed TRS to scratch this volume, but TRS cannot scratch the volume because it is owned by an External Data Manager (EDM). Volumes owned by an EDM may only be scratched by that EDM.

- TLMSTRS: If the OWNER field has been manually updated to a non-blank value.

Action:

- TRS will retain the volume at its current location, but will issue this message each time it is run. Change the RMF rule so that the final location for EDM volumes has type 7 retention.

- Change the OWNER field to blanks and TRS will process the volume normally on the next run.

CAT4550E

(Provided by User Exit)

Reason:

TLMSXTRS: Error messages available to the TRS User Exit.

Action:

Determined by User Exit TLMSXTRS.

CAT4551E

CAN NOT LOCATE THE TAPE STACKING POOL.

Reason:

TLMSTRS: The volume is flagged as a STACKING volume but TRS is unable to determine its stacking pool. TRS creates PSEUDO DSNs for stacking volumes which include the POOL name. The STACKING pool definitions may have been changed.

Action:

Change the STACKING POOL definition to include this volume or clear the STACKING flag.

CAT4553I

NOT PROCESSING THE ACTIVE VMF

Reason:

The Volume Master File(VMF) that TLMSTRS is processing is not the active VMF where TLMS is recording tape activity. As a result TLMSTRS will not create any transactions to update the active VMF.

Action:

None. This is an informational message.

CAT4555I

FREE-SCRATCH-CHAIN LIMIT REACHED. STOPPED FOR RUN

Reason:

TLMSTRS is processing the FREE-SCRATCH-CHAIN-AFTER option and has issued commands to free 200 scratch chains which is the maximum for a single run. This limit is set for performance reasons. Some tape chains can be very large and freeing that many of them has a potential to cause delays in tape processing.

Action:

None. This is an informational message.

CAT5100 - CAT5199

CAT5101E

CA TLMS - table TABLE NOT FOUND. TABLE INACTIVATED.

Reason:

The user-defined *table* is not on the CA load library.

Action:

Assemble the table and link to the CA LOADLIB. Sample tables are supplied on CA.DYNAM.TLMS.EXITSLIB.

CAT5102E

CA TLMS - table CONTAINS INVALID ENTRY. TABLE INACTIVATED.

Reason:

The user-defined *table* has been reassembled by the user, and at least one of the table entries has been defined incorrectly.

Action:

Verify the format of all table entries, and that the length plus displacement of DSN comparand is less than 45. Assemble the table and link to the CA LOADLIB. Sample tables are supplied on CA.DYNAM.TLMS.EXITSLIB.

CAT5200 - CAT5299

CAT5200E

INTERNAL ERROR - INVALID INITIAL PARM PASSED BY CALLING ROUTINE

Reason:

TLMSEXIT: The calling routine has passed invalid initialization parameters.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAT5201E

userexit: EXIT NAME WAS NOT FOUND IN NAME TABLE

Reason:

TLMSEXIT: A load request was issued for the user exit indicated by *userexit,* but the exit could not be loaded or is missing.

Action:

Review the system options (member TLMSIPO of CAI.CTAPOPTN) to ensure that this exit has been activated. If so, ensure that the libraries available to the task contain the user exit module, and that the link edits for the module are correct.

CAT5202E

userexit: BLDL HAS FAILED ON THE PRECEDING EXIT

Reason:

TLMSEXIT: The user exit indicated by *userexit* was requested and found, but could not be loaded.

Action:

See message CAT5201.

CAT5203W

WARNING - USER EXIT OPTIONS (TLMSIPO) WAS OBTAINED FROM PARMLIB

Reason:

TLMSEXIT: The executing task (typically batch) was unable to find an active copy of the CA TLMS system options in storage and was required to load a copy from CAI.CTAPOPTN.

Action:

CA TLMS is probably not active. Ensure that the proper options are being used for execution.

CAT5204E

INTERNAL ERROR - TLMS INSTALLATION OPTION TABLE NOT AVAILABLE

Reason:

TLMSEXIT: The executing task was unable to find the CA TLMS system options in storage or in CAI.CTAPOPTN. These are required for execution.

Action:

Ensure that the CAI.CTAPOPTN data set is available to the task and member TLMSIPO is specified correctly.

CAT6200 - CAT6299

CAT6201W

VSN=volser BASE CHAIN INVALIDLY CHAINED TO VSN=volser

Reason:

TLMSVCVS: The base volume (volume sequence one) of a multivolume chain is chained to another volume.

Action:

Dump/restore the Volume Master File. Perform one of the following manual actions if the problem recurs.

- Break volume chains (UPV volser,CHV=BRKCHN). This breaks all volume chains associated with the problem volume, resulting in an initialized volume. Volume sequence, volume count, file sequence and file count will be zero. Other fields will be blank.

- Establish a single volume data set to break volume chains associated with the problem volume (UPV volser, EXPDT=60001). Volume sequence and count, and file sequence and count will be 1. Other fields remain the same.

- Reestablish volume and data set chains (UPV & CHD). All data related fields should be updated if needed.

The following is an example:

A multivolume data set chain is invalid.

```
VSN=000001  VOLSEQ=1 VOLCNT=2 FILESEQ=1 FILECNT=1
VSN=000002  VOLSEQ=2 VOLCNT=3 FILESEQ=1 FILECNT=1
VSN=000003  VOLSEQ=3 VOLCNT=3 FILESEQ=1 FILECNT=1
VSN 000001 IS CHAINED TO 000010.(INVALID CHAIN)
VSN 000002 IS CHAINED TO 000002 (BASE VOLUME=000001)
VSN 000003 IS CHAINED TO 000003 (BASE VOLUME=000001)
```

The following is one solution to the problem:

```
UPV 000001,CHV=BRKCHN (CLEAR AND BREAK CHAINS)
UPV 000002,EXPDT=60001 (SINGLE VOLUME DATA SET)
UPV 000003,EXPDT=60001 (SINGLE VOLUME DATA SET)
UPD 000001,DSN=PAYROLL.MASTER.SYSTEM,CDATE=81100
UPD 000001,CTIME=15.30.00,CJOB=PAY,CSTEP=PAY01
UPV 000001,CHV=000002,VOLSEQ=2 (CHAIN THE VOLUMES)
UPV 000010,CHV=000002,VOLSEQ=3 (CHAIN THE VOLUMES)
UPV 0001E0,EXPDT=60001 (SINGLE VOLUME DATA SET)
```

The above restored the three (3) volume data sets and released one volume (000010) from volume chains.

CAT6202W

VSN=volser SINGLE VOLUME/DATA SET IS CHAINED TO VSN=volser

Reason:

TLMSVCVS: A single volume data set (volume sequence, volume count, file sequence file count equal one) is chained in a multivolume chain.

Action:

See message CAT6201W.

CAT6203W

VSN=volser VOLSEQ=999 VOLCNT=999 VOLUME COUNT LESS THAN VOLUME SEQUENCE

Reason:

TLMSVCVS: Volume did not have volume count updated at CLOSE/EOV. A system failure typically causes this error.

Action:

Ensure that the CLOSE/EOV operating system intercept is installed. Issue the manual command 'UPV volser,EXPDT=60002' if the volume is determined to be a single volume data set. See message CAT6201W if chaining problems exist.

CAT6204W

VSN=volser VOLSEQ=999 VOLCNT=999 SHOWS NOT CHAINED

Reason:

TLMSVCVS: A volume with a volume sequence greater than 1 or volume count greater than 1 is not chained.

Action:

See message CAT6203W.

CAT6205W

VSN=volser VOLCNT=999   VSN=volser VOLCNT=999 CHAINED VOLUMES VOLCNT SHOULD BE EQUAL

Reason:

TLMSVCVS: Two volumes in the same multivolume chain have unequal volume counts.

Action:

See message CAT6203W.

CAT6206W

VSN=volser SHOWS INVALIDLY CHAINED TO VSN=volser

Reason:

TLMSVCVS: A volume was found to be incorrectly chained.

Action:

See message CAT6201W.

CAT6207W

VSN=volser NOT LOCATED IN CHAIN FOR VSN=volser

Reason:

TLMSVCVS: A volume that has a base chain volume does not exist in the base chain volume chain record(s).

Action:

See message CAT6201W.

CAT6208W

VSN=volser VOLSEQ=999 VOLCNT=999 VOLUME SEQUENCE LESS THAN VOLUME COUNT

Reason:

TLMSVCVS: An active volume with a volume sequence of zero exists.

Action:

See message CAT6203W.

CAT6209W

VSN=volser SINGLE VOLUME/DATA SET HAS MULTIVOLUME COUNT=999

Reason:

TLMSVCVS: The multivolume count in the base record should contain zero for a single volume data set.

Action:

Issue the command UPV volser,EXPDT=60001.

CAT6210W

VSN=VOLSER HAS INVALID MULTI-DATASET RECORD CHAIN NEXTREC=VOLSR2/X

Reason:

TLMSVCVS: The multi-dataset chain for volume VOLSER is incorrectly chained to another volume (VOLSR2/X) or the auxiliary record reusable chain.

The X indicates the type of record that is incorrectly chained.

D

Multi-dataset record

V

Multi-volume record

A

Auxiliary record reuse chain

Action:

Use the TLMSSNAP utility to obtain snap output of the two volumes listed in the error message. If the NEXTREC= value is REUSE, the first volume is chained to the Auxiliary Record reuse chain, and no second volume is available to snap.

Issue the command UPV VOLSER,EXPDT=60001 against the first volume that is listed in the CAT6210W message. Do not update the volume shown in the NEXTREC= field. If the first volume's data is still required, rebuild the chain manually.

Use CATINQR to issue a DVA and DVL of one or both of the volumes that are listed in the CAT6210W message.

Contact CA Support with this documentation to determine the source of the problem.

CAT6298W

VSN=volser CRITICAL VMF READ PROBLEMS ON A BASE RECORD.

Reason:

Read errors were encountered in the I/O function.

Action:

Dump/restore the Volume Master File. If the VSN is DUMMYV, either CA TLMS was not active during a CLOSE/EOV of a tape volume, or a foreign volume was used in a multivolume chain. In this case, determine the volume serial number and update the records.

CAT6299W

VSN=volser CRITICAL VMF READ PROBLEMS ON A CHAIN RECORD.

Reason:

Read errors were encountered in the I/O function.

Action:

Dump/restore the Volume Master File.

CAT6300 - CAT6499

CAT6400E

ERROR PARSING INPUT PARAMETERS

Reason:

TLMSVMFV detected invalid data in the parameters that the JCL PARM= keyword passed.

Action:

Correct the parameters in the JCL PARM= keyword and rerun the job.

CAT6401E

RELEASE 5.3 AND 5.4 VMFS ARE NOT SUPPORTED

Reason:

TLMSVMFV does not work with VMF with old release formats. It requires the current CHAIN-ID format in all chained records.

Action:

Run CATVCVS.

CAT6402W

ORPHANED MVL. CURR VSN(vvvvvv) CHAIN-ID(iiiiiiii)

Reason:

This multi-volume(MVL) record cannot be accessed by normal TLMS chaining. It is therefore orphaned and will be deleted by a CATVMFU RESTORE, REORG, or RECOVERY.

Where vvvvvv is the VSN of the current chain base and iiiiiiii is the CHAIN-ID of the current chain.

Action:

This error is normally the result of a manual BREAKCHAIN function. If this is not the case, verify the current chain is complete.

CAT6403W

ORPHANED MDS. CURR VSN(vvvvvv) CHAIN-ID(iiiiiiii)

Reason:

This multi-data set(MDS) record cannot be accessed by normal TLMS chaining. It is therefore orphaned and will be deleted by a CATVMFU RESTORE, REORG, or RECOVERY.

Where vvvvvv is the VSN of the current volume in the chain and iiiiiiii is the CHAIN-ID of the current chain.

Action:

This error is normally the result of a manual BREAKCHAIN function. If this is not the case, verify the current chain is complete.

CAT6404E

VOLSEQ IS NOT PACKED, ZERO USED FOR PROCESSING

Reason:

The VOLSEQ field is not in the correct numeric format. This can cause ABENDs during TLMS processing. The field will be considered zero for other processing in TLMSVMFVR.

Action:

See message CAT6201W.

CAT6405E

VOLSEQ IS NOT PACKED, ZERO USED FOR PROCESSING

Reason:

The VOLCNT field is not in the correct numeric format. This can cause ABENDs during TLMS processing. The field will be considered zero for other processing in TLMSVMFVR.

Action:

See message CAT6201W.

CAT6407E

VOLSER NOT LOCATED IN CURRENT MULTI-VOLUME CHAIN

Reason:

The CHAIN BASE and its associated MVL records contain a list of all the VSNs in its multi-volume chain. This volume is linked to the CHAIN BASE but is not in the multi-volume list.

Action:

It is important to correct this problem immediately to prevent further VMF corruption.

See message CAT6201W.

CAT6408E

CHNVOL DOES NOT MATCH CURRENT CHNVOL(vvvvvv)

Reason:

All records on a VMF chain should have the same values for their CHNVOL fields and the same value for their CHAIN-ID fields. The CHNVOL field should have the VSN of the first volume on the chain. The CHAIN-ID should have a unique hex number that is generated when the first records are chained.

This record has a different value for its CHNVOL field. Since TLMS uses the CHNVOL field to find the base of the chain, chaining errors may occur.

Action:

It is important to correct this problem immediately to prevent further VMF corruption.

See message CAT6201W.

CAT6409E

CHAIN-ID DOES NOT MATCH CURRENT CHAIN-ID(iiiiiiii)

Reason:

All records on a VMF chain should have the same values for their CHNVOL fields and the same value for their CHAIN-ID fields. The CHNVOL field should have the VSN of the first volume on the chain. The CHAIN-ID should have a unique hex number that is generated when the first records are chained.

This record has a different value for its CHAIN-ID field. Since TLMS uses the CHNVOL field to find the base of the chain, chaining errors may not occur.

Action:

It is important to correct this problem immediately to prevent further VMF corruption.

See message CAT6201W.

CAT6412E

INVALID RETURN CODE FROM SORT - RC=XX

Reason:

The invoked SORT did not complete with a return code of zero. This may mean processing was not completed correctly.

Action:

Look for previous CAT64xx messages and the information from the SYSOUT DD statement.

CAT6414E

RPHANED VSN. VOLUME CONTAINS fffff FILES

Reason:

This VSN record does not belong on the current chain. Its CHNVOL or CHAIN-ID maybe wrong. It may also be that it is not in the "chained volumes list" for the current chain.

In that case, this message is followed by CAT6407E or CAT6408E to clarify that this volume will be orphaned. This is true even if this volume has the correct CHNVOL and CHAIN-ID values. This is because TLMS uses the chain list to find the next volume on the chain.

Action:

This error is normally the result of a manual BREAKCHAIN function. If this is not the case, verify the current chain is complete.

It is important to correct this problem immediately to prevent further VMF corruption.

Establish a single volume data set to break volume chains associated with the problem volume (UPV volser, EXPDT=60001). Volume sequence and count, and file sequence and count will be 1. Other fields remain the same.

CAT6416E

VOLUME FSQ IS BAD IT SHOULD BE hhhhh

Reason:

The file sequence number of this volume record does not match the calculated file sequence number. Where hhhhh is what file sequence number should be.

Action:

See message CAT6201W.

CAT6417E

MDS FSQ IS fffff SHOULD BE hhhhh

Reason:

The file sequence number of this MDS record does not match the calculated file sequence number. Where fffff is the file sequence number and hhhhh what file sequence number should be.

Action:

See message CAT6201W

CAT6418E

VOLSER MISSING FROM MULTI-VOLUME CHAIN

Reason:

The CHAIN BASE and its associated MVL records contain a list of all the VSNs in its multi-volume chain. This volume is in that list but was not found when all the volumes for the chain were processed.

Action:

See message CAT6201W.

CAT6420W

UNCHAINED VOLUME HAS FIELD(S) SHOWING CHAINING

Reason:

This volume is not chained to any other volume, but some of its fields have values that indicate it is chained. Its CHNVOL is equal to its VSN, which make it unchained. One or more of the following fields indicate chaining:

VSQ > 1 – volume sequence greater than one.

VCT > 1 – volume count greater than one.

FSQ > 1 – file sequence greater than one.

FCT > 1 – file count greater than one.

Multi-volume count greater than zero.

MVL pointers > zero

MDS pointer > zero

Action:

See message CAT6201W.

CAT6421E

CHAINED VOLUME WITH FIELD(S) SHOWING NOT CHAINED

Reason:

This volume record is part of a VMF chain but contains one or more fields which indicate that it is not chained. These include:

VSQ=1 Volume sequence of one

VCT=1 Volume count of one

Action:

See message CAT6201W.

CAT6430W

VOLCNT(NNN) IS LESS THAN VOLSEQ(NNN)

Reason:

The volume count in the volume record is less than the volume sequence number. The volume count should be greater than or equal to the volume sequence number except when volumes are being added to the tape chain. This may mean the tape was not properly closed.

Action:

See message CAT6203W.

CAT6431W

CHAIN BASE MUST BE VOLUME SEQUENCE 1

Reason:

A chain base is the first volume in a multi-volume chain. It must also have a volume sequence of one.

Action:

See message CAT6201W.

CAT6432E

THE FIRST MVL POINTER IS ZERO BUT THE LAST IS NOT

Reason:

The chain base record contains pointers to the first and last multi-volume records(MVL). One or more MVL records may be on a chain, each containing a list of volume on the current chain. This error will prevent TLMS from accessing some of the volumes on the chain.

Action:

See message CAT6201W.

CAT6433E

THE LAST MVL POINTER IS ZERO BUT THE FIRST IS NOT

Reason:

The chain base record contains pointers to the first and last multi-volume records(MVL). One or more MVL records may be on a chain, each containing a list of volume on the current chain. This error may not cause problems with normal TLMS processing.

Action:

See message CAT6201W.

CAT6434E

THE FIRST MDS POINTER IS ZERO BUT THE LAST IS NOT

Reason:

Each volume record contains pointers to the first and last multi-data set records(MDS). One or more MDS records may be on a chain, each containing data for two data sets. This error will prevent TLMS from accessing multiple data sets on this chain.

Action:

See message CAT6201W.

CAT6435E

THE LAST MDS POINTER IS ZERO BUT THE FIRST IS NOT

Reason:

Each volume record contains pointers to the first and last multi-data set records(MDS). One or more MDS records may be on a chain, each containing data for two data sets. This error may prevent TLMS from accessing multiple data sets on this chain.

Action:

See message CAT6201W.

CAT6436W

CHAIN BASE MUST BE FILE SEQUNCE 1

Reason:

The first volume on a chain is the CHAIN BASE. Its file sequence(FSQ) should also be one.

Action:

See message CAT6201W.

CAT6437W

VSN OF CHAIN BASE MUST EQUAL CHNVOL

Reason:

The first volume on a chain is the CHAIN BASE. Its CHNVOL field should always be the same as Its VSN.

Action:

See message CAT6201W.

CAT6438W

CHAIN BASE MUST HAVE NON-ZERO CHAIN-ID

Reason:

The first volume on a chain is the CHAIN BASE. The CHAIN-ID field of the CHAIN BASE should not be zero.

Action:

See message CAT6201W.

CAT6439W

CHAIN BASE HAS NO DATA SETS OR VOLUMES CHAINED

Reason:

The CHAIN BASE is the first volume of a chain. It should have one or more records chained to it. This record has no MDS pointers or MVL pointers or list of volumes chained to it, but it has a non-zero CHAIN-ID.

Action:

See message CAT6201W.

CAT6440W

VOLCNT(nnn) NOT EQUAL VOLUMES CHAINED(nnn)

Reason:

When volumes are chained, a list of all the VSNs is created.

The first five are stored in the CHAIN BASE and the rest in MVL records which are chained to the CHAIN BASE. The VOLCNT field of every volume on the chain should equal the count number of VSNs in the list.

The VOLCNT of this volume does not equal the number in the list.

Action:

See message CAT6203W.

CAT6441E

1ST MDS PTR IN BASE DOES NOT POINT TO THIS MDS

Reason:

MDS records are chained to the volume where their data sets reside. Each MDS has a pointer to the previous MDS record and a pointer to the next MDS record. The first MDS has a zero pointer for its previous MDS and the last MDS record has a zero pointer for its next MDS record. The volume record for the chain has a pointer to the first MDS record and a pointer to the last MDS pointer.

This MDS is the first on the chain, but the first pointer in the base does not point to it.

Action:

See message CAT6201W.

CAT6442E

THIS MDS DOES NOT POINT TO PREV MDS

Reason:

MDS records are chained to the volume where their data sets reside. Each MDS has a pointer to the previous MDS record and a pointer to the next MDS record. The first MDS has a zero pointer for its previous MDS and the last MDS record has a zero pointer for its next MDS record. The volume record for the chain has a pointer to the first MDS record and a pointer to the last MDS pointer

This MDS record does not point the previous MDS record.

Action:

See message CAT6201W.

CAT6443E

PREV MDS DOES NOT POINT TO THIS MDS

Reason:

MDS records are chained to the volume where their data sets reside. Each MDS has a pointer to the previous MDS record and a pointer to the next MDS record. The first MDS has a zero pointer for its previous MDS and the last MDS record has a zero pointer for its next MDS record. The volume record for the chain has a pointer to the first MDS record and a pointer to the last MDS pointer.

The previous MDS record does not point to this MDS record.

Action:

See message CAT6201W.

CAT6444E

PREVIOUS RECORD IS NOT AN MDS RECORD

Reason:

MDS records are chained to the volume where their data sets reside. Each MDS has a pointer to the previous MDS record and a pointer to the next MDS record. The first MDS has a zero pointer for its previous MDS and the last MDS record has a zero pointer for its next MDS record. The volume record for the chain has a pointer to the first MDS record and a pointer to the last MDS pointer

The previous record is not an MDS record or its base.

Action:

See message CAT6201W.

CAT6445E

LAST MDS PTR IN BASE DOES NOT POINT TO THIS MDS

Reason:

MDS records are chained to the volume where their data sets reside. Each MDS has a pointer to the previous MDS record and a pointer to the next MDS record. The first MDS has a zero pointer for its previous MDS and the last MDS record has a zero pointer for its next MDS record. The volume record for the chain has a pointer to the first MDS record and a pointer to the last MDS pointer

This MDS is the last on the chain, but the last pointer in the base does not point to it.

Action:

See message CAT6201W.

CAT6446E

THIS MDS DOES NOT POINT TO NEXT MDS

Reason:

MDS records are chained to the volume where their data sets reside. Each MDS has a pointer to the previous MDS record and a pointer to the next MDS record. The first MDS has a zero pointer for its previous MDS and the last MDS record has a zero pointer for its next MDS record. The volume record for the chain has a pointer to the first MDS record and a pointer to the last MDS pointer

This MDS record does not point to the next MDS record.

Action:

See message CAT6201W.

CAT6447E

NEXT MDS DOES NOT POINT TO THIS MDS

Reason:

MDS records are chained to the volume where their data sets reside. Each MDS has a pointer to the previous MDS record and a pointer to the next MDS record. The first MDS has a zero pointer for its previous MDS and the last MDS record has a zero pointer for its next MDS record. The volume record for the chain has a pointer to the first MDS record and a pointer to the last MDS pointer

This next MDS record does not point to this MDS record.

Action:

See message CAT6201W.

CAT6448E

NEXT RECORD IS NOT AN MDS RECORD

Reason:

MDS records are chained to the volume where their data sets reside. Each MDS has a pointer to the previous MDS record and a pointer to the next MDS record. The first MDS has a zero pointer for its previous MDS and the last MDS record has a zero pointer for its next MDS record. The volume record for the chain has a pointer to the first MDS record and a pointer to the last MDS pointer.

The next record for this MDS is not an MDS record.

Action:

See message CAT6201W.

CAT6449W

VOLSEQ(NNN) LARGER THAN VOLUMES CHAINED(NNN)

Reason:

The value for VOLSEQ is greater than the number of volumes in the list for this chain.

Action:

See message CAT6201W.

CAT6451E

1ST MVL PTR IN BASE DOES NOT POINT TO THIS MVL

Reason:

MVL records are chained to the CHAIN BASE where their volumes reside. Each MVL has a pointer to the previous MVL record and a pointer to the next MVL record. The first MVL has a zero pointer for its previous MVL and the last MVL record has a zero pointer for its next MVL record. The CHAIN BASE has a pointer to the first MVL record and a pointer to the last MVL record. This is the first MVL record but the first point in the chain base but does not point to it.

Action:

See message CAT6201W.

CAT6452E

THIS MVL DOES NOT POINT TO PREV MVL

Reason:

MVL records are chained to the CHAIN BASE where their volumes reside. Each MVL has a pointer to the previous MVL record and a pointer to the next MVL record. The first MVL has a zero pointer for its previous MVL and the last MVL record has a zero pointer for its next MVL record. The CHAIN BASE has a pointer to the first MVL record and a pointer to the last MVL record.

This MVL record does not point to the previous MVL in the chain.

Action:

See message CAT6201W.

CAT6453E

PREV MVL DOES NOT POINT TO THIS MVL

Reason:

MVL records are chained to the CHAIN BASE where their volumes reside. Each MVL has a pointer to the previous MVL record and a pointer to the next MVL record. The first MVL has a zero pointer for its previous MVL and the last MVL record has a zero pointer for its next MVL record. The CHAIN BASE has a pointer to the first MVL record and a pointer to the last MVL record.

The previous MVL record in the chain does not point to this MVL.

Action:

See message CAT6201W.

CAT6454E

PREVIOUS RECORD IS NOT AN MVL RECORD

Reason:

While MVL records are chained to the CHAIN BASE where their volumes reside. Each MVL has a pointer to the previous MVL record and a pointer to the next MVL record. The first MVL has a zero pointer for its previous MVL and the last MVL record has a zero pointer for its next MVL record. The CHAIN BASE has a pointer to the first MVL record and a pointer to the last MVL record.

The previous pointer in this MVL record does not point to an MVL record.

Action:

See message CAT6201W.

CAT6455E

LAST MVL PTR IN BASE DOES NOT POINT TO THIS MVL

Reason:

MVL records are chained to the CHAIN BASE where their volumes reside. Each MVL has a pointer to the previous MVL record and a pointer to the next MVL record. The first MVL has a zero pointer for its previous MVL and the last MVL record has a zero pointer for its next MVL record. The CHAIN BASE has a pointer to the first MVL record and a pointer to the last MVL record.

This is the last MVL record but the last pointer in the chain base but does not point to it.

Action:

See message CAT6201W.

CAT6456E

THIS MVL DOES NOT POINT TO NEXT MVL

Reason:

MVL records are chained to the CHAIN BASE where their volumes reside. Each MVL has a pointer to the previous MVL record and a pointer to the next MVL record. The first MVL has a zero pointer for its previous MVL and the last MVL record has a zero pointer for its next MVL record. The CHAIN BASE has a pointer to the first MVL record and a pointer to the last MVL record.

This MVL record does not point to the next MVL in the chain.

Action:

See message CAT6201W.

CAT6457E

NEXT MVL DOES NOT POINT TO THIS MVL

Reason:

MVL records are chained to the CHAIN BASE where their volumes reside. Each MVL has a pointer to the previous MVL record and a pointer to the next MVL record. The first MVL has a zero pointer for its previous MVL and the last MVL record has a zero pointer for its next MVL record. The CHAIN BASE has a pointer to the first MVL record and a pointer to the last MVL record.

The next MVL record in the chain does not point to this MVL.

Action:

See message CAT6201W.

CAT6458E

NEXT RECORD IS NOT AN MVL RECORD

Reason:

MVL records are chained to the CHAIN BASE where their volumes reside. Each MVL has a pointer to the previous MVL record and a pointer to the next MVL record. The first MVL has a zero pointer for its previous MVL and the last MVL record has a zero pointer for its next MVL record. The CHAIN BASE has a pointer to the first MVL record and a pointer to the last MVL record.

The next pointer for this MVL record does not point to an MVL record.

Action:

See message CAT6201W.

CAT6459W

VOLSEQ OF CHAINED VOLUME NOT GREATER THEN 1

Reason:

This chained volume is not the CHAIN BASE but its VOLSEQ field is not greater than one.

Action:

See message CAT6203W.

CAT6499I

PROGRAM IS TERMINATING

Reason:

TLMSVMFV has detected errors which prevent it from continuing.

Action:

See previous messages for reason the program is terminating.

CAT6500 - CAT6599

CAT6500P

Enter command for VMF Extend

Reason:

TLMSVMFX prompts you for a command. Valid commands are ABORT, QUIT, STATUS, STOP, and '?'.

Action:

No action is required unless you want to change TLMSVMFX processing.

CAT6501I

VMF Extend process initiated, nn LPARs detected

Reason:

TLSMVFX detected nn active LPARs for the extend process.

Action:

None. This is an informative message

CAT6502I

x------------------------------------x issued to nn LPARs

Attention command

Test access command

Drop CAIVMFI and TAPEDB DDs

Add secondary VMF command

Copy primary to secondary

Switch VMFs command

Recatalog VMF alias command

Drop secondary VMF command

Re-add CAIVMFI and TAPEDB DDs

Return to normal command

Switch VMFs recovery

Recatalog VMF alias recovery

Reason:

TLMSVMFX has issued the x------x to nn LPARs. x------x is the description of the step and nn is the number of LPARs the command was directed to. An instance of TLMS running on each LPAR will attempt to execute the command and respond to TLMSVMFX.

Action:

None. This is an informative message

CAT6503I

x-------------------------------------x completed by xx of yy LPARs

Attention

Test access

Drop CAIVMFI and TAPEDB DDs

Add secondary VMF

Copy primary to secondary

Switch VMFs

Recatalog VMF alias

Drop secondary VMF

Re-add CAIVMFI and TAPEDB DDs

Return to normal

Switch VMFs recovery

Recatalog VMF alias recovery

Reason:

TLMSVMFX detected that the x-----------x command has completed on xx of yy LPARs. x---------x is the description of the command, xx is the number of LPARs which completed the step, and yy is the number of active LPARs.

Action:

None. This is an informative message.

CAT6504I

x------------------------------------x failed on -- of -- LPARs

Attention command

Test access command

Drop CAIVMFI and TAPEDB DDs

Add secondary VMF command

Copy primary to secondary

Switch VMFs command

Recatalog VMF alias command

Drop secondary VMF command

Readd CAIVMFI and TAPEDB DDs

Return to normal command

Switch VMFs recovery

Recatalog VMF alias recovery

Reason:

TLMSVMFX has detected that the x-----------x command has failed on xx of yy LPARs. x---------x is the description of the command, xx is the number of LPARs which have not complete the step, and yy is the number of active LPARs. TLMSVMFX will process the failures and attempt an automatic recovery.

Action:

None. This is an informative message

CAT6506I

Run recovery on all LPARs

Reason:

TLMSVMFX runs the recovery step for all LPARs. This message provides information about how the failure was handled.

Action:

None. This is an informative message.

CAT6507I

Recovery action scheduled

Reason:

TLMSVMFX scheduled a recovery step.

Action:

None. This is an informative message.

CAT6510I

Run recovery on FAILed LPARs

Reason:

TLMSVMFX runs the recovery step only on failed LPARs. This message provides information about how the failure was handled.

Action:

None. This is an informative message

CAT6511I

Recovery action scheduled

Reason:

TLMSVMFX scheduled a recovery routine for a previously-detected error.

Action:

None. This is an informative message.

CAT6512I

Run recovery on GOOD LPARs

Reason:

TLMSVMFX runs the recovery step only on completed LPARs. This message provides information about how the failure was handled.

Action:

None. This is an informative message

CAT6513E

LPAR xxxx failed to make a duplex write to the secondary VMF

Reason:

TLMSVMW2 is a CSECT of TLMSMAIN and writes duplex records to the secondary VMF when VMF extend is active. It was not able to write a record to the secondary VMF. TLMS issues an error message on LPAR xxxx, where xxxx is the SMFID of the LPAR.

Action:

TLMSVMFX recovers. See messages CAT6514W (see page 187) or CAT6515E (see page 187).

CAT6514W

VMF Extend will STOP

Reason:

TLMSVMFX indicates the VMF Extend is able to recover.

Action:

TLMSVMFX recovers but the extend was cancelled. See CAT6513E (see page 186) and correct that error before rerunning the VMF extend.

CAT6515E

VMF Extend will ABORT

Reason:

This message indicates the VMF Extend cannot recover.

Action:

Contact CA Support immediately. Although TLMSVMFX ABORTs, TLMS continues to record data in the primary VMF. Stop or restrict tape activity on the LPAR reported in CAT6513E (see page 186).

CAT6521I

Old VMF in use check completed by xx of yy CPULPARs (zz in use)

Reason:

TLMSMFX has detected that xx out of yy LPARs completed the check to see if the old VMF is in use. Out of the xx LPARs, zz are using the old VMF.

Action:

None. This is an informative message.

CAT6519E

x--------------------------------x failed on LPAR llll

Attention command

Test access command

Drop CAIVMFI and TAPEDB DDs

Add secondary VMF command

Copy primary to secondary

Switch VMFs command

Recatalog VMF alias command

Drop secondary VMF command

Read CAIVMFI and TAPEDB DDs

Return to normal command

Switch VMFs recovery

Recatalog VMF alias recovery

Reason:

TLMSVMFX has detected that the x-----------x command has failed on llll LPAR. x---------x is the description of the command and llll is the SMFID of the LPAR. TLMSVMFX processes the failure and attempts an automatic recovery.

Action:

None. This is an informative message.

CAT6520I

Old VMF in use check issued to nn LPARs

Reason:

TLMSVMFX issued the check to see if the old VMF is currently in use to nn active LPARs.

Action:

None. This is an informative message.

CAT6521I

Old VMF in use check completed by xx of yy LPARs (zz in use)

Reason:

TLMSVMFX detected that xx out of yy LPARs completed the check to see if the old VMF is in use. Out of the xx LPARs, zz are using the old VMF.

Action:

None. This is an informative message.

CAT6526E

Invalid command for TLMSVMFX

Reason:

The operator responded to the CAT6500P (see page 181) prompt with an invalid command.

Action:

Respond to the CAT6500P prompt with a valid command.

CAT6527I

STOP command will be processed at next opportunity

Reason:

TLMSVMFX has received a STOP command but must wait for some actions to complete before the STOP command can be performed.

Action:

None. This is an informative message.

CAT6528I

STOP command processed

Reason:

TLMSVMFX performed the pending STOP command. This causes TLMSVMFX to terminate gracefully. It either returns to the pre-extend state or completes the current extend.

Action:

None. This is an informative message.

CAT6529I

Next step is x------------------------------x

Reason:

TLMSVMFX performed the STOP command and is announcing the next step to be processed where x------------------x is the step description.

Action:

None. This is an informative message.

CAT6540E

Failed to attach TLMSVMW3 copy utility

Reason:

TLMSVMFX was not able to attach the VMF copy program.

Action:

TLMSVMFX performs an automatic recovery to return to the original state. Verify that TLMSVMW3 is available for TLMSVMFX to attach.

CAT6541I

Primary to Secondary VMF copy failed

Reason:

TLMSVMFX detected that the primary to secondary VMF copy failed. Automatic recovery is scheduled.

Action:

None. This is an informative message.

CAT6542I

Primary to Secondary VMF copy started

Reason:

TLMSVMFX initiated the VMF copy task for the extend process.

Action:

None. This is an informative message.

CAT6543I

Primary to Secondary VMF nn% copied

Reason:

TLMSVMFX issued a progress message showing the current percent of the VMF copy which is complete.

Action:

None. This is an informative message.

CAT6544I

Primary to Secondary VMF 100% copied

Reason:

TLMSVMFX detected that the primary to secondary VMF copy is 100 percent complete.

Action:

None. This is an informative message.

CAT6545I

Primary to Secondary VMF copy stopped

Reason:

TLMSVMFX detected that the copy program TLMSVMW3 completed because it received a STOP command from an operator or from TLMSVMFX as part of a recovery routine.

Action:

None. This is an informative message

CAT6550I

Parameters Specified in CAIPARM

Reason:

This message is the TLMSVMFX parameter display header that shows at startup.

Action:

None. This is an informative message.

CAT6551I

pppppppppppp vvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvv

Reason:

This message displays the TLMSVMFX parameters.

pppppp

Specifies the parameter ID

vvvvvvvvvvvvvvv

Specifies the parameter value

Action:

None. This is an informative message.

CAT6553I

STEP: x------------------------------------x

Reason:

TLMSVMFX status display header. x------x is the description of the step.

Action:

None. This is an informative message.

CAT6554I

LPAR CODE VMF STATE STATUS

Reason:

This message is the TLMSVMFX status display header.

Action:

None. This is an informative message.

CAT6555I

iiii cc   v ssssssss ddddddddddddd

Reason:

TLMSVMFX displays the status data.

iiii

Specifies the SMFID

cc

Specifies the HEX code

v

Specifies the primary VMF for the SMFID

sssssss

Specifies the state

ddddddddddd

Specifies the status

Action:

None. This is an informative message.

CAT6560E

Failure during re-catalog of VMF alias

Reason:

TLMSVMFX: One or more LPARs failed to recatalog the VMF alias.

Action:

As system programmer you must determine the reason each LPAR failed and manually recatalog the VMF alias. TLMSVMFX continues to drive the step until all LPARs have recataloged the VMF alias.

CAT6561I

Manually recatalog the VMF alias on the failed LPARs

Reason:

TLMSVMFX detected that one or more LPARs failed to recatalog the VMF alias. TLMSVMFX retries the step. When the problem is corrected, TLMSVMFX processes the next step.

Action:

Determine the reason the recatalog failed in the CTS CAIMSG log and the CTS job log. Then recatalog the VMF alias. See the CTAPJCL(TLMJIDC1) data set.

CAT6562I

Re-catalog of VMF alias will be retried

Reason:

TLMSVMFX retries the recatalog of VMF alias step after a failure of one or more LPARs. The step is retried until you correct the problem on all failing LPARs.

Action:

Correct problems on failing LPARs.

CAT6565E

Failure during primary re-catalog of VMF alias

Reason:

TLMSVMFX attempted to recatalog the VMF alias and failed. TLMSVMFX starts automatic recovery to return all LPARs to their original state.

Action:

Examine the CAIMSG log from TLMSVMFX and make corrections. Then rerun CATVMFX.

CAT6566I

Recovery will switch the VMFs back to original state

Reason:

TLMSVMFX switches the VMF back to the original state as part of the automatic recovery.

Action:

None. This is an informative message.

CAT6567I

Recovery routine scheduled

Reason:

TLMSVMFX finished processing a failure routine and scheduled a recovery routine.

Action:

None. This is an informative message.

CAT6570E

VMF switch failure routine

Reason:

One or more LPARs failed to switch the primary and secondary VMFs. TLMSVMFX started a failure routine. Automatic recovery is scheduled.

Action:

None. This is an informative message.

CAT6571E

Failure during VMF switch recovery

Reason:

One or more LPARs failed during VMF switch recovery. TLMSVMFX aborts. TLMS continues to write to both primary and secondary VMFs on all LPARs until manual correction occurs.

Action:

Contact CA Support. Retain the job log and CTS CAIMSG log for all LPARs. Retain the job log and CAIMSG log for TLMSVMFX.

CAT6572I

TLMSVMFX terminates without recovery

Reason:

TLMSVMFX terminates without recovery. This termination can be caused by an ABORT command or an error in a recovery routine. TLMSVMFX does not restore TLMS to its original state. The VMF control records can have fields formatted for VMF extend.

Action:

None. This is an informative message.

CAT6573I

Recovery action scheduled

Reason:

TLMSVMFX scheduled a recovery routine in response to a failure.

Action:

None. This is an informative message.

CAT6574W

LPAR xxxx failed to start because VMF extend is running

Reason:

TLMSVMFX determined that LPAR xxxx attempted to start but shut down because VMF extend was running. xxxx is the SMFID of the LPAR where TLMS started. TLMS of LPAR xxxx cannot be restarted until VMF extend has stopped.

Action:

Restart TLMS on LPAR xxxx after the extend has completed.

CAT6578W

Old AUX records exceed warning for VMF2

Reason:

TLMSVMFX determined that the number of AUX records in VMF1 exceed the warning level for AUX records in VMF2. This means that you will get warning messages from TLMS after the extend is complete.

Action:

Do not confirm the start of the VMF extend. Reformat VMF2 with more AUX records specified.

CAT6579I

Secondary VMF has been poisoned

Reason:

TLMSVMFX determined that all the secondary VMF is no longer being used and "poisoned" it. The CTL record has changed to cause most TLMS programs to ABEND if they attempt to use it.

Action:

None. This is an informative message.

CAT6580E

Not enough AUX records in VMF2

Reason:

TLMSVMFX determined that there are not enough AUX records defined in VMF2 to contain the AUX records used in VMF1. The VMF extend is terminated.

Action:

Reinitialize VMF2 with enough AUX records to contain those used in VMF1.

CAT6583E

VMF1 does not have a current backup

Reason:

The old VMF (VMF1) must be backed up within three hours of when the VMF extend is started. This current backup reduces the data to recover if the VMF must be restored. The VMF extend is terminated.

Action:

Back up the old VMF and restart the VMF extend.

CAT6584E

Invalid MODE specified

Reason:

The MODE parameter in CAIPARM file is not valid. It can be RESET, TEST, or EXTEND. The VMF extend is terminated.

Action:

Correct the MODE parameter and restart the VMF extend.

CAT6585E

VMF Extend has aborted. TLMS LPARs may not have returned to their original state

Reason:

TLMSVMFX ABORTed due to previous errors or the ABORT command. The VMF extend terminated without ensuring that the TLMS LPARs had returned to their original state.

Action:

Contact CA support before attempting any corrective action.

CAT6586E

LPAR XXXX does not support dynamic VMF extend

Reason:

TLMSVMFX determined that a TLMS LPAR that does not have the code to support a VMF extend has started accessing the VMF while a VMF extend was in progress. If TLMSVMFX has not recataloged the VMF alias, a failure occurs and TLMSVMFX recovery returns all TLMS LPARs to their original state.

Since all LPARs are writing to the old VMF (VMF1) there is no data lost.

Action:

If this is followed by CAT6587E or CAT6588W, the VMF alias is recataloged and you should see those messages. Otherwise, the VMF extend terminates and you must upgrade LPAR xxxx before attempting another VMF extend.

CAT6587E

LPAR xxxx became active on the secondary VMF while the dynamic VMF Extend was running. The code for this LPAR does not support the VMF extend process. The VMF extend is aborted but the TLMS LPARs may still be writing to both primary and secondary VMFs.

Contact CA support for assistance.

Reason:

TLMSVMFX detected that a TLMS LPAR that does not have the code to support a VMF extend started accessing the secondary (old) VMF after the VMF alias was cataloged to point to the new VMF (VMF2). LPAR xxxx does not recognize the commands from TLMSVMFX so it will not switch to the new VMF. It is also not writing the new VMF.

TLMSVMFX aborted to prevent data loss. Some TLMS LPARs will be writing to both the new and old VMFs. They have some subtasks stopped and some DD statements not allocated.

Action:

Contact support immediately. Do not stop any TLMS LPARs or run TLMS utilities. If possible limit tape processing on LPAR xxxx. Retain job logs and CAIMSG data from all TLMS LPARs and CATVMFX.

CAT6588W

LPAR xxxx with code that does not support the VMF extend process, started after the VMF extend switched to the new VMF and re-cataloged the VMF alias. This LPAR is writing to the new VMF so it is safe to continue.

Do not stop the VMF extend job. Upgrade this LPAR before running another VMF extend.

Reason:

TLMSVMFX detected that a TLMS LPAR that does not have the code to support a VMF extend started accessing the VMF while a VMF extend was in progress. xxxx is the SMFID of the LPAR which started. Since LPAR xxxx is writing to the new VMF and the VMF alias has been recataloged to point to the new VMF, it is safe to continue processing. LPAR xxxx used the VMF alias to allocate the new VMF.

Action:

Do not stop the VMF extend. Upgrade the code of LPAR xxxx before running another VMF extend.

CAT6589W

Warning alias same as VMF1 DSN

Reason:

TLMSVMFX detected that the ALIAS and VMF1 parameters in the CAIMSG file have the same data set name (DSN). If you allow the VMF extend to complete, the old VMF (VMF1) will be uncataloged and the VMF alias will be cataloged with that name.

This may be valuable for the first time you extend the VMF, because you will not need to change the VMF DSN in the JCL. Otherwise, this is probably an error.

Action:

If you do not want to use the current VMF name for the VMF alias, reply **n** to the prompt or specify **STOP** to the CAT6500P prompt.

CAT6590E

VMF1 DSN cannot be the same as VMF2 DSN

Reason:

TLMSVMFX detected that the data set name specified by the VMF1 parameter and the data set name specified by the VMF2 parameter are the same. VMF2 should specify the DSN of a new VMF for TLMS to use. You must initialize this VMF and write no data to it.

Action:

Ensure that VMF1 and VMF2 do not specify the same data set name.

CAT6591E

Alias cannot be the same as VMF2 DSN

Reason:

TLMSVMFX detected that the data set name specified by the ALIAS parameter is the same as the VMF2 parameter. The ALIAS parameter must specify either the DSN specified by VMF1 or the DSN of a z/OS catalog ALIAS that points to the DSN specified by VMF1.

If the ALIAS DSN is the same as the VMF1 DSN, TLMSVMFX uncatalogs VMF1 and creates an alias with the same DSN. That alias points to the dataset specified by VMF2. This is not done until all TLMSs have switched to VMF2. This method may be used so that TLMS JCL will not need to be changed.

Action:

Change the ALIAS parameter.

CAT6592P

Verify parameters and enter Y to confirm the VMF extend

Reason:

TLMSVMFX displays the parameter and status of the VMF. This prompt gives you a chance to verify these before starting the extend.

Action:

Reply **y** to continue with the VMF extend or anything else to stop the VMF extend.

CAT6593W

LPAR xxxx was stopped while VMF extend was running

Reason:

TLMSVMFX detected the LPAR xxxx stopped. Where xxxx is the SMFID of an LPAR which was actively running TLMS when VMF extend started. This is not an error but the TLMS on that LPAR will not be able to restart until TLMSVMFX has completed.

Action:

None. This is a warning message.

CAT6594E

LPAR XXXX does not support dynamic VMF extend

Reason:

TLMSVMFX detected LPAR xxxx became active before the VMF alias was recataloged and LPAR xxxx does not support the VMF extend process. xxxx is the SMFID for the LPAR.

Action:

None. This is an informative message.

CAT6595I

LPAR xxxx became active while VMF extend was running

Reason:

TLMSVMFX detected that LPAR xxxx started. The action taken by TLMSVMFX will be noted in later messages. xxxx is the SMFID of the LPAR.

Action:

None. This is an informative message.

CAT6596E

Active LPAR count exceeds 15

Reason:

TLMSVMFX found more than 15 LPARs sharing the VMF. Because TLMSVMFX extend can only manage 15 LPARs at once, TLMSVMFX terminates without attempting the VMF extend.

Action:

Check the TLMSVMFX list of LPARs. Remove old LPARs from the VMF control record and the VMF extend rerun.

CAT6597E

No active TLMS LPAR detected for this VMF

Reason:

TLMSVMFX found no active LPARs on this VMF. TLMSVMFX terminates without attempting to perform a VMF extend. TLMSVMFX is for changing VMFs while TLMS is active.

Action:

Ensure that the VMF parameter specifies the original VMF which you need to extend. Also ensure that no TLMSs are active on the VMF you want to change. Run the batch VMF utilities.

CAT6598E

New VMF not in initialized state

Reason:

The new VMF specified by the VMF2 parameter must be allocated, cataloged, and not initialized by CATVMFI. No other processing should be done. TLMSVMFX terminates with no attempt to extend the VMF if it is not initialized.

Action:

Run CATVMFI against the VMF specified by the VMF2 parameter. Ensure that you use the actual VMF name and not the VMF alias name.

CAT6599E

Extend already active on this VMF

Reason:

A VMF extend job is already running on an LPAR or a VMF extend previously aborted, leaving data in the VMF control record so that an extend appears to be in progress.

Action:

Determine if a VMF extend is running. If an extend is not running, then run CATVMFX,DO=RESET to clear the extend information from the control record.

CAT6700 - CAT6799

CAT6708E

t--t

Reason:

TLMSVMW3: The VMF I/O module experienced an error during a read or write operation. The t----------t is the text that IBM IOS provides for the CHECK macro.

Action:

Take the corrective action that IBM recommends for this text.

CAT6709I

CAT6709I COPYBLKS....bb,bbb COPYWAIT...ttt.tt RESERVE=r

Reason:

TLMSVMW3: This message provides the program parameters.

bb,bbb

Number of blocks to copy in a copy interval

ttt.tt

Time in seconds to wait between copy intervals

r

Y or N to indicate whether a reserve is issued for the copy interval

Action:

None. This is an informative message.

CAT6710I

VMF COPY PROGRAM COMPLETE

Reason:

TLMSVMW3: The VMF extend copy has ended.

Action:

None. This is an informative message.

CAT6711E

COPYBLKS MUST BE NUMERIC 1 TO 99999

Reason:

TLMSVMW3: The EXEC PARM specified a value for COPYBLKS= that was not numeric.

Action:

Specify a numeric value for the COPYBLKS parameter. The default is COPYBLKS=1200.

CAT6712E

COPYWAIT MUST BE NUMERIC 1 TO 99999

Reason:

TLMSVMW3: The EXEC PARM specified a value for COPYWAIT= that was not numeric.

Action:

Specify a numeric value for the COPYWAIT parameter. The default is COPYWAIT=15.

CAT6713E

RESERVE MUST BE Y OR N

Reason:

TLMSVMW3: The EXEC PARM specified a value for RESERVE= which was not Y or N.

Action:

Specify either **Y** or **N** for the RESERVE parameter. The default is RESERVE=N.

CAT6719I

DEFAULT VALUE USED

Reason:

TLMSVMW3: The default value for the invalid PARM is used.

Action:

None. This is an informative message.

CAT6720E

VMF copy program completed with error(s)

Reason:

TLMSVMW3: The VMF extend copy ended with one or more errors. See message CAT6721I (see page 207) for more information.

Action:

None. This is an informative message.

CAT6721I

See CAIMSG file for more details

Reason:

TLMSVMW3: The file specified in the CAIMSG DD statement contains diagnostics information and error messages.

Action:

Examine the content of the CAIMSG file for information about the error.

CAT6750I

List of Jobs Using XXXX

Reason:

TLMSDSAL: This message identifies the dataset being tested, where XXXX is the name of the dataset.

Action:

None. This is an informative message.

CAT6751I

CAT6751I - ZZZZ

Reason:

TLMSDSAL: This message identifies the job using the dataset (specified in message CAT6750I), where ZZZZ is either the name of the job followed by the disposition of the job (either '(DISP=OLD)' of '(DISP=SHR)'), or "(NONE)"indicating no jobs are using the dataset.

Action:

None. This is an informative message.

CAT8800 - CAT8899

CAT8811E

INVALID FUNCTION

Reason:

TLMSEARL: EARL program requested an unknown function.

Action:

Correct the EARL code.

CAT8813E

UNSUCCESSFUL OPEN - VOLUME MASTER

Reason:

TLMSEARL: Subprogram TLMSDBIO returned an error attempting to read the VMF.

Action:

Ensure job has access to a valid VMF.

CAT8814E

READ ERROR VOLUME volser FILE SEQ filseq

Reason:

TLMSEARL: Subprogram TLMSVMIO returned an error while attempting to read the VMF.

Action:

Execute TLMSVCVS to diagnose possible VMF errors.

CAT8815E

data RC-rc RS-rs FB-fb

Reason:

TLMSEARL: This message provides additional information about previous error CAT8814E (see page 209).

Action:

None. This is an informative message.

CAT8816E

**** ABORTING DUE TO ABOVE ERROR ****

Reason:

TLMSEARL: This message is issued when the program is unable to continue.

Action:

None.

CAT8817E

IGNORED UNKNOWN RECORDS. COUNT = zzz,zzz

Reason:

TLMSEARL: This message is issued for functions REPORT and FILE, which read files that may contain records that cannot be converted to a DB format.

Action:

None.

CAT8822E

command - UNKNOWN COMMAND

Reason:

TLMSPULL: The command is not recognized by TLMSPULL.

Action:

Correct the command and rerun the job.

CAT8823E

UNSUCCESSFUL OPEN - VOLUME MASTER FILE

Reason:

TLMSPULL: The VMF could not be opened for input.

Action:

Ensure that the JCL points to a valid VMF.

CAT8823E

UNSUCCESSFUL OPEN - CONTROL FILE(SYSIN)

Reason:

TLMSPULL: The program could not open the SYSIN data set.

Action:

Ensure the JCL points to a data set that is valid for CA TLMS common tape management records.

CAT8823E

UNSUCCESSFUL OPEN - EXTRACT FILE (CAIVMFO)

Reason:

TLMSPULL: The program could not open an output file to contain the extracted records.

Action:

Ensure the JCL points to a data set that is valid for CA TLMS common tape management records.

CAT8824E

VOLUME data

Reason:

TLMSPULL: This message provides additional information about previous error message(s) CAT8823E (see page 210).

Action:

None. This is an informative message.

CAT8825E

data RC-rc RS-rs FB-fb

Reason:

TLMSPULL: This message provides additional information about error message CAT8823E (see page 211).

Action:

None. This is an informative message.

CAT8826E

**** ABORTING DUE TO ABOVE ERROR ****

Reason:

TLMSPULL: The program is unable to continue.

Action:

None. This is an informative message.

CAT8831E

NOT LINKED WITH PROGRAM TLMSSEDM

Reason:

TLMSARCX: TLMSARCX is not link edited with TLMSSEDM. TLMSSEDM is required to create CA TLMS scratch transactions.

Action:

Add a DD statement for CTAPLINK in HSM STC.

CAT8832E

CRITICAL ERROR - EXIT DISABLED

Reason:

TLMSARCX: Program is setting return codes which cause DFHSM to disable the exit.

Action:

Correct previous errors and then see DFHSM documentation to enable the exit.

CAT8839E

NOT LINKED WITH PROGRAM TLMSSEDM

Reason:

TLMSASM2: TLMSASM2 is not link edited with TLMSSEDM. TLMSSEDM is required to create CA TLMS scratch transactions.

Action:

Relink TLMSASM2 with an INCLUDE for TLMSSEDM.

CAT8840I

--- data ---

Reason:

CTSTAPER: Text statements in the SYSIN data set are displayed as shown.

Action:

None. This is an informative message.

CAT8841P

PAUSE. REPLY U TO CONTINUE OR C TO CANCEL

Reason:

CTSTAPER: A *PAUSE* statement has been detected in the SYSIN data set. The program will wait until the operator responds.

Action:

Reply C to cancel the CTSTAPER step or reply U to continue execution.

CAT8842P

END-OF-TEXT. REPLY U TO CONTINUE OR C TO CANCEL

Reason:

CTSTAPER: End-of-file was reached on the SYSIN data set. The program waits until the operator responds.

Action:

Reply C to cancel the CTSTAPER step or reply U to continue execution.

CAT9000 - CAT9099

CAT9001E

CA TLMS - UNABLE TO ESTABLISH STAE ENVIRONMENT, TERMINATING

Reason:

STAE (ESTAE for z/OS) failed. CA TLMS abends with user 995 abend code.

Action:

Ensuring that the dump and SYSLOG are available, contact Technical Support at http://ca.com/support for assistance.

CAT9002I

CA TLMS vvvvv ---- A CA, INC. PROPRIETARY PRODUCT

Reason:

TLMSMAIN: This message informs the operator that CA TLMS is being executed. The release number of the product replaces vvvvv in the message.

Action:

None. This is an informative message.

CAT9003E

UNABLE TO INITIALIZE REQUIRED TLMS FUNCTIONS. ABORTING!!!!!'

Reason:

TLMSMAIN: One or more required resources could not be initialized.

Action:

See other messages.

CAT9005E

CA TLMS - VMF UPDATE FAILURE volser

Reason:

TLMSMSGQ: CA TLMS encountered an error while attempting to update the VMF. This message can be caused by a physical problem with the VMF, or occur if a chained volume is not under CA TLMS control.

Action:

Inquire on the VMF and identify the VSN (*volser*) on which the error occurred. Verify that all chained volumes in the set are under CA TLMS control and that there are no chaining errors.

CAT9006I

CA TLMS - CA TLMS FOREIGN VSN UPDATE IGNORED VSN volser

Reason:

TLMSMSGQ: CA TLMS detected a foreign volume and did not update the VMF. *volser* is the foreign volume.

Action:

Use either SPACE=(1,(1,1)) or LABEL=EXPDT=98000 when processing a foreign tape.

CAT9007I

CA TLMS INFORMATION WRITTEN TO SYSLOG

Reason:

TLMSMSGQ: Information about the exception reported by messages CAT9006I, CAT9005E, and CAT9008I is being written to the console log.

Action:

None. This is an informative message.

CAT9008I

xxxxxx --- data ---

Reason:

TLMSMSGQ: This message provides additional information on previous error message regarding a foreign volume gummed label.

Action:

None. This is an informative message.

CAT9010I

CA TLMS INTERCEPTS NOT FULLY APPLIED. RESULTS MAY BE UNPREDICTABLE!!!

Reason:

TLMSTAGE: CA TLMS operating system intercepts are not fully applied. The execution results of CA TLMS depend on which OSIs are not applied. Tape operations are not fully controlled by CA TLMS. CA TLMS security and tape protection are not active.

Action:

Do not continue to run tape processing without contacting Technical Support at http://ca.com/support for assistance.

CAT9010P

REPLY U TO CONTINUE. CANCEL WITH ANY OTHER REPLY.

Reason:

TLMSTAGE: Follows message CAT9010I.

Action:

Do not reply U without calling Technical Support at http://ca.com/support for assistance. You should not run tape jobs unless instructed to do so by Technical Support.

CAT9011E

CANNOT LOCATE TLMS IPO.

Reason:

TLMSTAGE TLMS could not find TLMSIPO in memory.

Action:

Install TLMSIPO with CAS9 or your TLMSRIM proc.

CAT9012I

CA TLMS - DATE/TIME ON CPU cpuid MAY BE INVALID

Reason:

TLMSTAGE: This message occurs only on multiple CPU systems when CA TLMS is activated. This message is issued if the current machine date/time is before the time CA TLMS last ended, or more than 24 hours after the last end time. The CPU ID indicated by *cpuid* may have a different date/time than the current system.

Action:

None. This is an informative message. However, all systems should have their TOD clocks synchronized so the time stamps in the VMF will be meaningful.

CAT9013P

CA TLMS - VERIFY DATE.TIME = ccyy/ddd.hhmmss

Reason:

TLMSTAGE: If CA TLMS detects an excessive amount of time between last CA TLMS shutdown and current TOD clock, the operator is requested to verify the date and time. This happens when:

- CA TLMS was not properly shut down during previous run
- the VMF has been reinitialized

Action:

The only valid response is U. Update the system TOD clock if TOD clock is invalid, cancel CA and rerun the job.

CAT9014I

CA TLMS - ALL CPU SLOTS FULL IN CONTROL RECORD

Reason:

TLMSTAGE: More than eight unique CPU IDs have been encountered. The maximum number of CPUs supported by CA TLMS is eight. CA TLMS continues processing without verification of date/time.

Action:

None. This is an informative message.

CAT9015I

OSI TABLE xxxxxxxx IS NOT APPLIED.

Reason:

TLMSTAGE: The Operating System Intercept table xxxxxxxx is not applied. This table is required for tape processing. All other CA TLMS functions may be active.

Action:

Apply the OSI table through TLMSRIM.

CAT9016I

ALL nn OSI(s) IN xxxxxxxx ARE ACTIVE.

Reason:

TLMSTAGE: All required OSIs in OSI table xxxxxxxx are properly applied.

Action:

None

CAT9017I

CA TLMS - xxxx START=xxxxx/xxxxxx END=xxxxx/xxxxxx (x)

Reason:

TLMSCMND: This message is issued in response to the CA TLMS status command. The variable fields in the order they are displayed are:

1. The CPU ID from SMCA

2. The date/time CA was started on this CPU

3. The date/time CA TLMS ended on this CPU (will be zero for all active CA TLMS CPUs)

If the SMC option is in effect, a P indicates PRINT mode, and an M indicates MOVE mode; otherwise, the last field will not be displayed.

Action:

None. This is an informative message.

CAT9018I

ESTAE EXIT ENTERED FOR, CA TLMS

Reason:

TLMSSTAE: A program check has occurred in the indicated module and process.

Action:

Send the dump to Technical Support. Contact Technical Support at http://ca.com/support for assistance.

CAT9019E

CA TLMS - UNABLE TO ALLOCATE QUEUE, TERMINATING

Reason:

TLMSTAGE: Insufficient storage for queue; either too few entries were specified for QSIZE in TLMSIPO, or the CSA is too small, or the operator did not reply U to message CAT9013P or CAT9021P.

Action:

Increase the QSIZE entry or reply U to message CAT9013P or CAT9021P.

CAT9020E

CA TLMS - UPDATE LOST FOR VSN volser

Reason:

TLMSSTAE: CA TLMS was unable to update the VMF with a transaction for the VSN indicated by *volser.*

Action:

Manually update the VMF using information for the transaction captured in the Alternate Log file.

CAT9021I

TLMS HAS DETECTED AN ABEND WITH NO CACVT

Reason:

TLMSSTAE: Did not find the required control blocks to invoke common dump services.

Action:

None. This is an informative message.

CAT9021P

CA TLMS - QUEUE ALREADY ACTIVE. REPLY 'U' TO CONT. OR 'N' TO STOP.

Reason:

TLMSTAGE: This error condition occurs during the initialization of CA TLMS when attempting to allocate the message queue. This message is issued when a previous CA TLMS subtask is abended without clearing the address of the message queue in the CA TLMS SSCT entry.

Action:

Respond 'U' to continue the initialization of TLMS and use the existing copy of the TLMS message queue. Respond 'N' to terminate the initialization of CA TLMS and free the existing message queue. If the current CA TLMS initialization is terminated, the CA TLMS should be started manually.

CAT9022I

CA TLMS - SYSTEM syst IN MSG mode MODE

Reason:

TLMSRTNS: This message reports which system is in MOVE or PRINT mode.

Action:

None. This is an informative message.

CAT9023E

CA TLMS - INVALID RESPONSE - REPLY 'U' TO CONTINUE OR 'N' TO TERMINATE

Reason:

This message will be issued if either message CAT9013P or CAT9021P was previously issued and a reply to the message was not a "U" to continue processing or a "N" to terminate processing. Once this message is displayed, the original message will be redisplayed.

Action:

When message CAT9013P or CAT9021P is displayed, enter a "U" to continue processing or a "N" to terminate processing.

CAT9024I

OF nn OSI(s) IN xxxxxxxx dd ARE DISABLED & ii ARE INVALID

Reason:

TLMSTAGE: Not all of OSIs in the OSI table xxxxxx are applied. Where nn is the total number of OSIs in the table, dd is the number of OSIs which are disabled, and ii are the number of OSIs which are invalid.

Action:

Check the TLMSRIM output for errors.

CAT9025E

CA TLMS - INCORRECT VERSION OF CAIPO xx

Reason:

TLMSTAGE: As displayed in the error message, an incorrect version of TLMSIPO is being processed. This may happen following a release upgrade.

Action:

Review the installation steps relating to CA TLMS system options (member TLMSIPO of CAI.CTAPOPTN) and ensure that the proper version of TLMSIPO has been created and is in the CA TLMS load library.

CAT9025I

CA TLMS - SHUT DOWN COMPLETE

Reason:

TLMSEND: CA TLMS has ended.

Action:

None. This is an informative message.

CAT9026I

TLMS TRANSACTION QUEUE FREED

Reason:

TLMSEND: CA TLMS is being stopped. So the transaction queue was freed.

Action:

None. This is an informative message.

CAT9028E

VMF NOT ALLOCATED

Reason:

TLMSTAGE: The Volume Master File was not allocated.

Action:

Ensure the VMF is in the CTS proc.

CAT9029E

CA TLMS – VMF EXTEND WAS ACTIVE AT STARTUP, POST THIS CPU FAILED

Reason:

TLMSTAGE: A dynamic VMF extend was in progress when TLMS started on this CPU. This action is not permitted. TLMSTAGE signaled the VMF extend program using the VMF control record. The VMF extend program terminates.

Action:

Stop tape processing and restart the VMF extend program. After the VMF extend program finishes, restart tape processing.

CAT9030I

vvvvvv ON DRIVE uuuu

x----------------------------x

RETURN TO LIBRARY

Reason:

TLMSMSGQ: [set to your product name] rejected a tape, where vvvvvv is the volser of the tape, uuuu is the ucb for the tape and x----------------------------x is one of the following:

```
NOT SCRATCH
SECONDARY FILE NOT SCRATCH
NOT IN THE VMF
VMF PROCESSING ERROR
DSN MUST BE FROM POOL
NOT IN SERVICE
SPECIFIC VOLSER REQUIRED
INPUT DSN DOES NOT MATCH
MIXING RES NON-RES VOLS
WORM VOLUME RESTRICTIONS
MIXING WORM AND R/W VOLUMES
ATTEMPTED OUTPUT TO A READONLY RANGE
```

Action:

Return the tape to the library. This message issues according to TLMSLBLS.

CAT9031E

CA TLMS RECORD REJECTED BY SMF

Reason:

TLMSMSGQ: VC83(SMFWTM) issued a nonzero return code.

Action:

Ensure SMF date can be logged.

CAT9033I

VVVVVV ON UNIT UUUU - x-------------------------x

Reason:

TLMSASRV: An agent tape was rejected by CA TLMS, where vvvvvv is the volser of the tape, uuuu is the unit-ID for the tape and x-------------------------x is one of the following:
```
NOT SCRATCH
SECONDARY FILE NOT SCRATCH
NOT IN THE VMF
VMF PROCESSING ERROR
NOT IN SERVICE
DSN MUST BE FROM POOL
SPECIFIC VOL SER REQUIRED
INPUT DSN DOES NOT MATCH
MIXING RES AND NON-RES
ACCESS NOT AUTHORIZED
```

Action:

This tape cannot be used for the current process. Return it and select another.

CAT9034I

VVVVVV REQUEST CCCC - x-------------------------x

Reason:

TLMSASRV: The CA TLMS agent server has been called with an invalid transaction. Where vvvvvv is the volser, cccc is the transaction command, x------------------------x is one of the following:
```
VSN NOT SPECIFIED
UNKNOWN ATL TYPE
INVALID EXPDT DATE
INVALID DENSITY
INVALID RECFM
FSQ NOT NUMERIC
INVALID LABEL TYPE
INVALID TRTCH
INVALID UNIT
UNEXPECTED PARM
LOGIC ERROR
UNKNOWN COMMAND
MISSING KEYWORD kkkkkkkk
```

Action:

This is a probable logic error in the calling program. Contact the vendor for the application where message appears.

CAT9040I

volser ON device REJECTED BY CA TLMS

Reason:

TLSMOPEN: CA TLMS is prohibiting access to this tape volume. *volser* is the volume serial number and *device* is the unit number.

Action:

One of the following CAT904x messages may be produced indicting why the volume was rejected. Correct the JCL and resubmit.

CAT9041I

VOLUME IS NOT A SCRATCH TAPE

Reason:

TLMSOPEN: An attempt is being made to overwrite unexpired file 1 of a CA TLMS protected tape volume.

Action:

Correct the JCL and resubmit.

CAT9042I

VOLUME IS NOT A SCRATCH TAPE (MDS)

Reason:

TLMSOPEN: An attempt is being made to overwrite unexpired file 2 through n of a CA TLMS protected tape volume.

Action:

Correct the JCL and resubmit.

CAT9043I

VOLUME IS NOT DEFINED IN TAPE CATALOG

Reason:

TLMSOPEN: An attempt is being made to write a volume which is not in the Volume Master File, and the installation-specific requirements for FOREIGN volume processing were not met.

Action:

Correct the JCL and resubmit.

CAT9044I

VMF PROCESSING ERROR

Reason:

TLMSOPEN: This tape was rejected because TLMS was unable to process the VMF properly. Some or all of the required VMS updates were not possible.

Action:

Verify the job stream and JCL for errors. Verify the volume and data set information in the VMF. Make required corrections and rerun job stream. Helpful documentation to aid in diagnostics are the complete JOBLOG, a CATSNAP of all the volumes in the chain should a chain exist, and the CAISERV output.

CAT9045I

VOLUME IS OUT-OF-SERVICE

Reason:

TLMSOPEN: The Volume Master File indicates the volume is out-of-service and cannot be accessed.

Action:

Correct the JCL and resubmit.

CAT9046I

FORSPEC=YES AND FOREIGN TAPE. VSN REQUIRED

Reason:

When CTAPOPTN FORSPEC=YES and a foreign tape is mounted, the VOL=SER= must be coded. This option ensures the user intended to write to a foreign tape.

Action:

Add VOL=SER to the JCL.

CAT9047I

VOLUME IS NOT IN DATA SET'S RESTRICTED POOL

Reason:

TLMSOPEN: An attempt is being made to write a data set which is restricted to a specific pool of tape volumes. This volume is not a member of that pool.

Action:

Correct the JCL and resubmit the job.

CAT9048I

MIXING RESIDENT AND NON-RESIDENT VOLUMES

Reason:

TLMSOPEN: All tapes for a data set must be either resident or non-resident.

Action:

Ensure that all tapes mounted are specified in your JCL are either resident or non-resident.

CAT9049I

DATA SET NAME DOES NOT MATCH TAPE CATALOG

Reason:

TLMSOPEN: An attempt is being made to read/write a data set and the data set does not match a data set name in the Volume Master File for this file. The systems options require a match.

Action:

Correct the JCL and resubmit the job.

CAT9051E

CANNOT OBTAIN CROSS MEMORY BUFFER.

Reason:

TLMSDBXM: A cross memory transaction failed because memory could not be obtained. Results are unpredictable.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAT9053E

REQUESTOR NOT ACTIVE. FREEING BUFFER.

Reason:

TLMSDBXM: A cross memory transaction failed because the requesting task has already terminated.

Action:

None.

CAT9054E

INVALID FUNCTION CODE.

Reason:

TLMSDBXM: A cross memory transaction failed because an invalid function was requested.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAT9060E

WORM VOLUME RESTRICTIONS.

Reason:

TLMSOPEN: The WWID and/or the WMC values obtained from the hardwaredo not match the ones recorded in the VMF. The tape is rejected.

Important! This may indicate a serious security or auditing problem.

Action:

Notify the proper authorities in your organization. Retain the WWID and WMC from message CAT9061 as well as the VOLSER.

CAT9061I

WWID=XXXXXXXXXXXXXXXXXXXXXXXX WMC=cccc

Reason:

TLMSOPEN: This is an informational message. The values for WWID andWMC were obtained from the hardware. They may be compared with the WWID and WMC values in the VMF for diagnostic purposes.

Action:

Save the WWID, WMC, volume serial number. If possible save the entire JOBLOG.

CAT9062E

MIXING WORM AND R/W VOLUMES.

Reason:

TLMSOPEN: The tape was rejected at END-OF-VOLUME to prevent WORMvolumes and R/W volumes from being chained together. This is not permitted because R/W volumes can be scratched and rewritten while WORM volumes cannot be scratched and rewritten.

Action:

Ensure that the volume being mounted is the same type as the previous volume.

CAT9063I

ATTEMPTED OUTPUT TO A READONLY RANGE

Reason:

TLMSOPEN: An attempt is being made to write a volume which was defined in a Read Only Subpool.

Action:

Correct the JCL and resubmit.

CAT9090D

CA TLMS - QUEUE FULL. REPLY 'U' TO WAIT OR 'N' TO CONTINUE.

Reason:

TLMSQMGR: The CA TLMS queue is full. This may be a temporary condition caused by many transactions coming in very quickly or it may be permanent, caused by some error conditions.

Action:

Check for other messages which may indicate the reason the queue is full. Then reply **U** or **N** for the appropriate action.

CAT9091E

CA TLMS - INVALID TRANSACTION. TRACKING REQUIRED. HEADER=xxxxxxxx

Reason:

TLMSQMGR: An invalid transaction was put into the queue. The first eight bytes of the transactions are displayed. The transaction is discarded.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAT9092I

CA TLMS - CONCURRENT TCB ACTIVITY WAITING FOR MESSAGE QUEUE.

Reason:

TLMSQMGR: Two or more tasks are trying to use the queue at the same time. This may be a temporary condition.

Action:

If the message is produced repeatedly, contact Technical Support at http://ca.com/support for assistance.

CAT9096E

CA TLMS - QUEUE FULL, INFORMATION LOST FOR VOLUME xxxxxx

Reason:

The CA TLMS internal queue has filled and information is lost for the volume shown in the message.

Action:

Consider enlarging the CA TLMS queue size (see Installation Options in the *Configuration Guide*). Manually update the VMF with information provided for volume xxxxxx.

CAT9097E

CA TLMS - SUBSYSTEM NOT ACTIVE (xxxx)

Reason:

The required subsystem shown in the message is not currently active (for example, not started, abended, etc.). Procedure CAADSPHU may have been run while CA TLMS was active.

Action:

Correct the error and restart if possible.

CAT9098E

CA TLMS - SUBSYSTEM NOT FOUND (xxxx)

Reason:

The required subsystem shown in the message was not found.

Action:

Determine why the subsystem was not found. Check the installation and definition of entry xxxx in the SSCT entries in member IEFSSNxx in SYS1.PARMLIB.

CAT9099E

CA TLMS - ON-LINE RECORDER NOT ACTIVE

Reason:

The CA TLMS ON-LINE Recorder is not active and is required for normal CA TLMS operation.

Action:

Determine why the ON-LINE Recorder is not active. Correct and restart TLMS.

CAT9099I

CA TLMS - ON-LINE RECORDER NOT ACTIVE

Reason:

CA TLMS was not active. CA TLMS must be active for any update to the Volume Master File.

Action:

Start CA TLMS, then reapply the updates.

CAT9100 - CAT9199

CAT9100E

CA TLMS - INSUFFICIENT CSA STORAGE

Reason:

Not enough Common Storage Area is available for the CA TLMS internal CSA queue.

Action:

Ensure that:

- The QSIZE parameter defined in TLMSIPO is not too large.
- The CSA size is large enough (IEASYSnn in SYS1.PARMLIB).
- No software is fragmenting or using up CSA storage.

CAT9102I

A VMF command session is requested

Reason:

During Dynamic VMF extend, TLMS received a VMF command to start a session with TLMSVMFX. TLMS checks for commands in the CTL record every minute.

Action:

None. This is an informative message.

CAT9104I

Test access to secondary VMF

Reason:

During Dynamic VMF extend, TLMS received a VMF command to test access to the secondary VMF. TLMS attaches TLMSVMW1 which attempts to do the following actions:

1. Allocate the VMF to CAIVMF2

2. Open the VMF for an update

3. Read and write the VMF

4. Create a VMF alias

5. Delete the VMF alias

6. Close the VMF

7. Deallocate the VMF

Action:

None. This is an informative message.

CAT9106I

Add secondary VMF

Reason:

During Dynamic VMF extend, TLMS received a VMF command to allocate the secondary VMF to CAIVMF2 DD statement.

Action:

None. This is an informative message.

CAT9108I

Switch primary and secondary VMFs

Reason:

During Dynamic VMF extend, TLMS received a VMF command to switch the primary and secondary VMFs. After the switch, the old VMF is allocated to the CAIVMF2 DD statement and is the secondary VMF. The new VMF is allocated to the CAIVMF DD statement and is the primary VMF.

The primary VMF is for normal VMF processing. The secondary VMF is only used for duplex writes.

Action:

None. This is an informative message.

CAT9110I

Recatalog VMF alias

Reason:

During Dynamic VMF extend, TLMS received a VMF command to recatalog the VMF alias to point to the primary VMF.

Action:

None. This is an informative message.

CAT9112I

Test for jobs using old VMF

Reason:

During Dynamic VMF extend, TLMS received a VMF command to test for jobs that use the old VMF.

Action:

None. This is an informative message.

CAT9114I

Drop secondary VMF

Reason:

During Dynamic VMF extend, TLMS received a VMF command to deallocate the secondary VMF from CAIVMF2.

Action:

None. This is an informative message.

CAT9116I

Normal processing is requested

Reason:

During Dynamic VMF extend, TLMS received a VMF command to return to normal processing. In normal processing, TLMS only checks the VMF CTL record every 3 minutes.

Action:

None. This is an informative message.

CAT9119I

Command successful for this LPAR

Reason:

During Dynamic VMF extend, TLMS posted a response to TLMSVMFX. The response is an x'40' which means TLMS has successfully completed the current command.

Action:

None. This is an informative message.

CAT9120I

Command failed for this LPAR

Reason:

During Dynamic VMF extend, TLMS posted a response to TLMSVMFX. The response is an x'C0' which means TLMS could not complete the current command.

Action:

None. This is an informative message.

CAT9121I

Ensure CAIVMFI and TAPEDB are not allocated

Reason:

During Dynamic VMF extend, TLMS received a VMF command to ensure that the DD statements are not allocated CAIVMFI and TAPEDB. If the DD statements are allocated, TLMS deallocates them.

Action:

None. This is an informative message.

CAT9122I

Reallocate CAIVMFI and TAPEDB if needed

Reason:

During Dynamic VMF extend, TLMS received a VMF command to reallocate CAIVMFI and TAPEDB DD statements. If the DD statements are allocated before the VMF extend, TLMS reallocates them.

Action:

None. This is an informative message.

CAT9123I

INQR subtask is not active

Reason:

During Dynamic VMF extend, TLMS received a VMF command to stop CTS subtask INQR but the subtask was not active. TLMS returns a successful response.

Action:

None. This is an informative message.

CAT9124I

STOP INQR subtask to free CAIVMFI

Reason:

During Dynamic VMF extend, TLMS received a VMF command to stop CTS subtask INQR.

Action:

None. This is an informative message.

CAT9125I

TAPEDB does not exist

Reason:

During Dynamic VMF extend, TLMS received a VMF command to ensure that the TAPEDB DD statement is not allocated. The DD statement does not exist so TLMS returns a successful response.

Action:

None. This is an informative message.

CAT9126I

CAIVMFI does not exist

Reason:

During Dynamic VMF extend, TLMS received a VMF command to ensure that the CAIVMFI DD statement is not allocated. The DD statement does not exist so TLMS returns a successful response.

Action:

None. This is an informative message.

CAT9127I

TAPEDB deallocated

Reason:

During Dynamic VMF extend, TLMS received a VMF command to ensure that the TAPEDB DD statement is not allocated. TLMS deallocated the DD statement and returned a successful response.

Action:

None. This is an informative message.

CAT9128I

CAIVMFI de-allocated

Reason:

During Dynamic VMF extend, TLMS received a VMF command to ensure that the CAIVMFI DD statement is not allocated. TLMS deallocated the DD statement and returned a successful response.

Action:

None. This is an informative message.

CAT9129I

TAPEDB did not exist

Reason:

During Dynamic VMF extend, TLMS received a VMF command to reallocate the TAPEDB DD statement but the statement was not allocated before the extend. TLMS returns a successful response.

Action:

None. This is an informative message.

CAT9130I

CAIVMFI did not exist

Reason:

During Dynamic VMF extend, TLMS received a VMF command to reallocate the CAIVMFI DD statement but the statement was not allocated before the extend. TLMS returns a successful response.

Action:

None. This is an informative message.

CAT9131I

TAPEDB reallocate failed

Reason:

During Dynamic VMF extend, TLMS received a VMF command to reallocate the TAPEDB DD statement but the allocation failed. TLMS returns an unsuccessful response.

Action:

None. This is an informative message.

CAT9132I

CAIVMFI reallocate failed

Reason:

During Dynamic VMF extend, TLMS received a VMF command to reallocate the CAIVMFI DD statement but the allocation failed. TLMS returns an unsuccessful response.

Action:

None. This is an informative message.

CAT9133I

Restart INQR subtask

Reason:

During Dynamic VMF extend, TLMS received a VMF command to restart the CTS subtask INQR.

Action:

None. This is an informative message.

CAT9134I

INQR subtask was not active, not restarted

Reason:

During Dynamic VMF extend, TLMS received a VMF command to restart the CTS subtask INQR. The subtask was not active before the extend so TLMS posted a successful response.

Action:

None. This is an informative message.

CAT9700 - CAT9799

CAT9702P

ENTER VSN FOR NL ON DRIVE dddd, OR CANCEL

Reason:

TLMSOCAP: This message is applicable only if the CA TLMS system option VSNREQD (member TLMSIPO of CAI.CTAPOPTN) is set to YES. An NL or BLP OPEN request is being processed. CA TLMS requires the volume serial number to apply data set protection logic to the tape.

Action:

Supply the volume serial number for the tape on drive dddd, or reply CANCEL.

CAT9704P

VSN NOT FOUND ON VMF, ENTER VSN, 'U' OR 'M' FOR DRIVE ddd

Reason:

TLMSOCAP: VSN received in response to CAT9702P is not on the Volume Master File.

Action:

Reply with another VSN, allow the VSN to be used, or request a demount of the VSN. Supplying another VSN which is not on the VMF will cause CA TLMS to treat it as a foreign volume.

CAT9706P

** INVALID REPLY ** PLEASE RE-ENTER REPLY

Reason:

TLMSOCAP: An invalid reply was entered.

Action:

Reenter a valid reply.

CAT9710E

SWA xxxxx SERVICES HAS FAILED, REASON= rc, TLMSCLSE

Reason:

TLMSCLSE: CA TLMS SVC CSECT requested the indicated service (READ or WRITE) from SWA queue manager.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CAT9720W

WARNING - EXPDT=992XX WILL NOT BE VALID WITH THE NEXT RELEASE

Reason:

TLMSCLSE: The use of the VMF retention keyword 992xx will not be supported with the next release of CA TLMS.

Action:

Choose another means of retention using any other valid keyword.

CAT9730E

uuuu,volser LABEL CHANGE NOT ALLOWED

Reason:

TLMSMODV: A request for label change from label type SL to NL, or NL to SL has been denied. The volume indicated by *volser* may not be a scratch, or the user may not be authorized for label destruction. The volume is demounted.

Action:

Verify the status of the volume and user authorization. (Label destruction is controlled by the system options member, TLMSIPO.)

CAT9731E

VSN NOT THE SAME AS REQUEST IN JCL

Reason:

TLMSMODV: The VSN mounted or provided from an operator prompt is not the same as specified in the JCL. The tape is rejected.

Action:

Mount the correct volume or respond with the correct VSN.

CAT9732I

uuuu,volser IS APPROVED FOR LABEL CHANGE

Reason:

TLMSMODV: A request for label change from label type SL to NL, or NL to SL has been approved. The label is rewritten.

Action:

None. This is an informative message.

CAT9736P

BTE ENCRYPTION LABEL DETECTED AND SUBSYSTEM IS NOT ACTIVE REPLY 'C' TO CANCEL OR 'R' TO RETRY

Reason:

TLMSTEP: TLMS detected a file that is encrypted by CA Tape Encryption (CATE) and no CATE BES subsystem is active to decrypt the file. The HDR1 label indicates the application that did the encryption. TLMS prompts you and prevents encrypted data from being passed to the application.

Action:

Reply C to cancel the job with a user 222 or start a BES subsystem and reply R to retry.

CAT9738P

DESTROY LABEL OF vvvvvv A NON-TLMS TAPE?

Reason:

TLMSMODV: This prompt is a request to destroy the label on a nonTLMS tape. TLMS does not protect this tape, so the operator is prompted.

Action:

Reply Y to permit the label change. Reply N to reject the tape.

CAT9739P

ENTER VSN FOR NL ON DRIVE dddd, OR CANCEL

Reason:

TLMSMODV: This message is applicable only if the CA TLMS system option VSNREQD (member TLMSIPO of CAI.CTAPOPTN) is set to YES. An NL or BLP OPEN request is being processed. CA TLMS requires the volume serial number to apply dataset protection logic to the tape.

Action:

Supply the volume serial number for the tape on drive ddd, or reply CANCEL if the job is to be canceled.

CAT9750I

uuuu,volser LABEL CHANGE NOT ALLOWED

Reason:

TLMSMODV: A request for label change from label type SL to NL, or NL to SL has been denied. The volume indicated by *volser* may not be a scratch, or the user may not be authorized for label destruction. The volume is demounted.

Action:

Verify the status of the volume and user authorization. (Label destruction is controlled by the system options member, TLMSIPO.)

CAT9751I

VSN NOT THE SAME AS REQUEST IN JCL

Reason:

TLMSMODV: The VSN mounted or provided from an operator prompt is not the same as specified in the JCL. The tape is rejected.

Action:

Mount the correct volume or respond with the correct VSN.

CAT9752I

uuuu,volser IS APPROVED FOR LABEL CHANGE

Reason:

TLMSMODV: A request for label change from label type SL to NL, or NL to SL is approved. The label is rewritten.

Action:

None. This is an informative message.

CAT9758P

DESTROY LABEL OF vvvvvv A NONTLMS TAPE?

Reason:

TLMSMODV: This prompt is a request to destroy the label on a nonTLMS tape. TLMS does not protect this tape, so the operator is prompted.

Action:

Reply Y to permit the label change. Reply N to reject the tape.

CAT759P

ENTER VSN FOR NL ON DRIVE dddd, OR CANCEL

Reason:

TLMSMODV: This message applies only if the CA TLMS system option VSNREQD (member TLMSIPO of CAI.CTAPOPTN) is set to YES. An NL or BLP OPEN request is being processed. CA TLMS requires the volume serial number to apply dataset protection logic to the tape.

Action:

Supply the volume serial number for the tape on drive ddd, or reply CANCEL if the job is to be canceled

CAT9777W

NO SIOT MATCH FOR FILE BEING CLOSED

Reason:

TLMSCLSE: CA attempts to do third disposition processing on an abended data set. The search for the SIOT which matches the DDNAME for this data set was not successful. Processing continues but, the tape being processed may not be properly kept (scratch/nonscratch) on the VMF.

Action:

Manually determine the proper status of the tape from the user JCL, and update the volume using online inquiry/update. Contact Technical Support at http://ca.com/support for assistance if this message persists.

CAT9800 - CAT9899

CAT9801P

TLMS2TRN PUT TO QUEUE FAILED. ENTER "C" TO CANCEL.

Reason:

TLMS2TRN: TLMS2TRN attempts to put a transaction to the TLMS queue. The TLMS address space has not been initialized.

Action:

TLMS has not been started. Execute proc CTS to start TLMS.

CAT9900 - CAT9999

CAT9995E

CA TLMS BLDL FAILED FOR TLMSxxxx

Reason:

TLMSMSGQ: CA TLMS required the module TLMSxxxx to be in the CA TLMS load library, but could not find it there.

Action:

Make sure the load module is available in the proper CA TLMS load library.

CAT9998E

CA TLMS INTERCEPT TABLE NOT FOUND. TAPE INTERCEPTS ARE NOT ACTIVE! TAPES ARE NOT BEING PROTECTED AND TAPE ACTIVITY WILL NOT BE RECORDED.

Reason:

While processing a tape job, CA TLMS detected that its Intercept table was missing. This is a severe error and CA TLMS is not able to record data about the tapes.

Action:

Stop all tape jobs. Run CAS9 for TLMS with "REINIT,OSI=YES".

CAT9999E

CA TLMS HAS DETECTED THAT ONE OR MORE TAPE INTERCEPTS ARE NOT ACTIVE! TAPES MAY NOT BE PROTECTED AND TAPE ACTIVITY MAY NOT BE RECORDED.

Reason:

While processing a tape job, CA TLMS detected that one or more intercepts were missing. This is a severe error and TLMS is not able to record data about the tapes being processed.

Action:

Stop all tape jobs. Run CAS9 for CA TLMS with "REINIT,OSI=YES".

Chapter 5: CATL - Options Utility Messages

This chapter describes all the options utility messages.

CATL000 - CATL099

CATL002E

INIT PARM REQUIRED FOR TLMS

Reason:

TLMSRIM: The first invocation of TLMSRIM after an IPL must be with a parm of INIT.

Action:

Run TLMSRIM with a parm of INIT and/or change the CAS9 parms for CA TLMS to INIT.

CATL003E

INIT ALREADY PERFORMED, USE REINIT

Reason:

TLMSRIM: TLMSRIM was run with a parm of INIT after CA TLMS has already been initialized. TLMSRIM can only be run with a parm of INIT once per IPL.

Action:

Change the to REINIT, and rerun.

CATL006E

INVALID CAIRIM PARAMETERS FOR TLMS

Reason:

TLMSRIM: The parms for CA TLMS is the CAS9 RIMPRM member are invalid.

Action:

Correct the error and rerun.

CATL009E

INVALID MODULE NAME FOR LPA=MODNAME

Reason:

TLMSRIM: An invalid name was provided with the LPA= parm.

Action:

Correct the error and rerun.

CATL011E

TLMSOSMM (TLMS SVC) NOT FOUND

Reason:

TLC6IINIT: TLMSOSMM is not available for loading by TLMSRIM and cannot be installed. CA TLMS requires this SVC.

Action:

Ensure that TLMSOSMM is available to TLMSRIM from an authorized library.

CATL012E

TLMS SUBSYSTEM NOT INITIALIZED

Reason:

TLMSRIM: The CA TLMS subsystem could not be installed. See other TLC6* messages for the reason. CA TLMS requires this subsystem.

Action:

Correct the errors and rerun.

CATL013E

XXXXXXXX SMF EXIT NOT LOADED

Reason:

TLMSRIM: The CA TLMS exit to SMF is not installed. CA TLMS will run but cannot record tape error statistics.

Action:

Ensure that TLMSSMFE is available for loading by TLMSRIM.

CATL014E

LOAD FOR MODULE (nnnnnnnn) FAILED

Reason:

TLMSRIM: The named module could not be loaded by TLMS.

Action:

Ensure that the module is available for loading by TLMSRIM.

CATL015I

MODULE (nnnnnnnn) ADDED - L=nnnnnn A=nnnnnnnn

Reason:

TLMSRIM: This is an informational message. It is recorded to aid in debugging if a problem arises. The message gives the name, length, and address.

Action:

Have this information available if requested by Technical Support. Contact Technical Support at http://ca.com/support for assistance.

CATL016I

MODULE (nnnnnnnn) LOCATED IN LPA

Reason:

TLMSRIM: The module specified in the LPA= parm is in LPA.

Action:

Informational message.

CATL017I

EXIT   XXXXXXXX NOT ACTIVE FOR TLMS

Reason:

TLMSRIM: This is an informational message. It is recorded to aid in debugging if a problem arises.

Action:

Have this information available if requested by Technical Support. Contact Technical Support at http://ca.com/support for assistance.

CATL018I

EXIT   XXXXXXXX ACTIVATED FOR TLMS

Reason:

TLMSRIM: This is an informational message. It is recorded to aid in debugging if a problem arises.

Action:

Have this information available if requested by Technical Support. Contact Technical Support at http://ca.com/support for assistance.

CATL019I

SVC XXX INSTALLED FOR TLMS

Reason:

TLMSRIM: This is an informational message. It is recorded to aid in debugging if a problem arises.

Action:

Have this information available if requested by Technical Support. Contact Technical Support at http://ca.com/support for assistance.

CATL021I

WTO SUBSYSTEM INITIALIZATION STARTED

Reason:

TLMSRIM: This is an informational message. It is recorded to aid in debugging if a problem arises.

Action:

Have this information available if requested by Technical Support. Contact Technical Support at http://ca.com/support for assistance.

CATL022E

WTO SUBSYSTEM INITIALIZATION FAILED

Reason:

TLMSRIM: The WTO subsystem could not be initialized. Normal CA TLMS processing cannot be run.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CATL023I

WTO SUBSYSTEM INITIALIZATION ENDED

Reason:

TLMSRIM: This is an informational message. It is recorded to aid in debugging if a problem arises.

Action:

Have this information available if requested by Technical Support. Contact Technical Support at http://ca.com/support for assistance.

CATL024E

WTO SUBSYSTEM SSVT GETMAIN FAILED

Reason:

TLMSRIM: Storage could not be obtained to save CA TLMS options and other control information. CA TLMS requires this data.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CATL025I

WTO SUBSYSTEM RESET SUCCESSFULLY

Reason:

TLMSRIM: The WTO subsystem was successfully reset.

Action:

None. This is an informational message.

CATL026I

WTO SUBSYSTEM SHUTDOWN - FORCE OPTION

Reason:

TLMSRIM: The WTO subsystem was stopped because a FORCE was issued.

Action:

None. This is an informational message.

CATL027I

WTO SUBSYSTEM SHUTDOWN - CLEAR OPTION

Reason:

TLMSRIM: The WTO subsystem was stopped because a CLEAR was issued.

Action:

None. This is an informational message.

CATL030E

TLMSRIM: UNSUCCESSFUL INITIALIZATION

Reason:

TLMSRIM: There was a problem with the CA TLMS initialization.

Action:

See previous messages from TLMSRIM and take corrective actions. If no corrective action is available, contact Technical Support at http://ca.com/support for assistance.

CATL031I

TLMSRIM: SUCCESSFUL INITIALIZATION

Reason:

TLMSRIM: This is an informational message. It is recorded to aid in debugging if a problem arises.

Action:

Have this information available if requested by Technical Support. Contact Technical Support at http://ca.com/support for assistance.

CATL032I

TLMSRIM: SUCCESSFUL REINITIALIZATION

Reason:

TLMSRIM: This is an informational message. It is recorded to aid in debugging if a problem arises.

Action:

Have this information available if requested by Technical Support. Contact Technical Support at http://ca.com/support for assistance.

CATL033E

TLC6: UNSUCCESSFUL REINITIALIZATION

Reason:

There was a problem with the CA TLMS re-initialization.

Action:

See previous messages from TLMSRIM and take corrective actions. If no corrective action is available, contact Technical Support at http://ca.com/support for assistance.

CATL034E

UNABLE TO INSTALL TLMS SVC ROUTINE

Reason:

The CA TLMS svc could not be installed.

Action:

Check error messages and ensure that the TLMS load library is available to the CAS9 proc.

CATL036E

OSI=NO ONLY ALLOWED FOR INIT PROCESSING

Reason:

TLMSRIM: The REINIT function cannot be used to remove the Operating System Intercepts.

Action:

DO NOT remove the OSIs unless directed to do so by Technical Support. Contact Technical Support at http://ca.com/support for assistance. If needed, Technical Support can provide instructions for the safe removal of the intercepts.

CATL037I

XXXXXXXX SMF EXIT LOADED

Reason:

TLMSRIM: The named SMF exit was loaded.

Action:

None. This is an informational message.

CATL038E

INVALID CA TLMS OSI TABLE SPECIFIED

Reason:

TLMSRIM: The Operating System Intercept module selected is incorrect for this application.

Action:

Contact Technical Support at http://ca.com/support for assistance.

CATL039E

----------------- NOT INSTALLED

Reason:

TLMSRIM: The named component was not installed. TLMS is not completely installed.

Action:

Do not run tape jobs unless directed to do so by Technical Support. Contact Technical Support at http://ca.com/support for assistance. A REINIT should be done to install the missing component.

CATL040E

TLMS OPTIONS(IPO) INSTALL FAILED RC=nnnn

Reason:

TLMSRIM: The CA TLMS installation parms were not installed because of the error previously displayed. CA TLMS cannot be run.

Action:

Correct the errors in CTAPOPTN member TLMSIPO and REINIT.

CATL041E

INVALID PARAMETER COMBINATION SPECIFIED

Reason:

TLMSRIM: Some of the parms for TLMSRIM cannot be used together.

Action:

See the *Programming Guide* for restrictions. Correct and rerun.

CATL042I

TLMS OPTIONS PROCESSED

Reason:

TLMSRIM: The Installation Processing Options (IPO) from member TLMSIPO have been processed.

Action:

Correct any errors and rerun.

CATL043I

ooooooooooooooooo sssssssssss vv.rr.mm

Reason:

TLMSRIM: This message identifies the current system environment, where ooooooooooooooooo is the operating system ID, sssssssssss is the DFP or SMS type, vv is the version, rr is the release, and mm is the modification level.

Action:

None. The message is informational only.

CATL050I

#CAAT SERVICE CALL FAILED

Reason:

TLMSRIM called the #CAAT service to locate the TLMS product anchor and that service failed.

Action:

Call CA Support.

CATL051I

CA TLMS PRODUCT ANCHOR CREATED

Reason:

TLMSRIM has created a product anchor block for CA TLMS.

Action:

None. This is an informational message.

CATL052I

CA TLMS PRODUCT ANCHOR LOCATED

Reason:

TLMSRIM has located an existing product anchor block for CA TLMS.

Action:

None. This is an informational message.

CATL053I

CA TLMS PRODUCT ANCHOR UPDATED

Reason:

TLMSRIM has updated an existing product anchor block for CA TLMS.

Action:

 None. This is an informational message.

CATL060E

CANNOT INTERCEPT THIS SMS VERSION.

Reason:

TLMSRIM could not find an OSITABLE which contains the correct intercepts for the current version of SMS.

Action:

Find message CATL043I. It contains the information about your operating system and SMS version. Contact CA TLMS Support and provide the information from CATL043I. Do not attempt to run tape jobs.

CATL100 - CATL199

CATL100E

--- data ---

Reason:

TLMSLDIP: This message displays a CA TLMS option statement which is in error. It is always accompanied by other messages which describe the error.

Action:

None. This is an informative message.

CATL101E

TLMS IS NOT INITIALIZED

Reason:

TLMSLDIP: This request requires that the CA TLMS address space be active.

Action:

Activate the CA TLMS address space before running this function.

CATL102E

ERROR IN PARAMETERS

Reason:

TLMSLDIP: This is a general notification of errors in parameters. Other messages provide more specific information.

Action:

Correct the error and rerun.

CATL103E

ERROR IN OPTION option KEYWORD keyword

Reason:

TLMSLDIP: An invalid keyword value has been specified for the option indicated.

Action:

Correct the error and rerun.

CATL104E

TLMS EXIT exit NOT FOUND

Reason:

TLMSLDIP: A user exit was specified but could not be found.

Action:

Ensure the user exit is in the STEPLIB and LINKLIB.

CATL105E

CONFLICTING OPTIONS/PARMS.

(xxxxxxxx VS xxxxxxxx)

Reason:

TLMSLDIP: The TLMSIPO PARMLIB options are in conflict for values specified, for example, IDSNVER=NO and SECOPN=YES. Data set name security on input cannot be active if IDSNVER is set to NO.

Action:

Correct the error and rerun.

CATL106I

TLMS OPTIONS PROCESSED

Reason:

TLMSLDIP: Program is complete. CA TLMS system options have been loaded into TLMSIPO.

Action:

None. This is an informative message.

CATL107I

TLMS OPTIONS LOADED

Reason:

TLMSLDIP: TLMSIPO has been located or built and has been loaded into CSA.

Action:

None. This is an informative message.

CATL108E

ERROR LOADING USER EXIT userexit

Reason:

TLMSLDIP: One or more user exit modules could not be found or loaded. Ensure the requested user exits are available through LNKLST or the STEPLIB.

Action:

Correct the error and rerun.

CATL109E

UNKNOWN OR UNEXPECTED KEYWORD

Reason:

TLMSLDIP: A keyword has been found which is either unknown or is not valid for this option.

Action:

Correct the error and rerun.

CATL110E

STATEMENT FAILED SYNTAX SCAN

Reason:

TLMSLDIP: Statement contains invalid syntax.

Action:

Correct the error and rerun.

CATL111E

PARAMETER NOT NUMERIC

Reason:

TLMSLDIP: The parameter must be 1-15 numeric characters.

Action:

Correct the error and rerun.

CATL112E

PARAMETER MUST BE YES OR NO

Reason:

TLMSLDIP: This parameter requires a value of YES or NO.

Action:

Correct the error and rerun.

CATL113I

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Reason:

This is an informational message. It displays statements and diagnostics from CTS programs which create the SCR, NSM, and EDM tables.

Action:

If any of the CTS table build programs end in error check, this message displays the statements and error.

CATL116E

OPEN FAILED FOR OPTIONS DATA SET

Reason:

TLMSLDIP: Cannot open the TLMSOPTS file.

Action:

Correct the JCL and rerun.

CATL117W

TABLE FULL ENTRY IGNORED

Reason:

TLMSLDIP: One of the CA user tables is full. The maximum number of entries provided for each is:

- CTAB

   50

- DTAB

   50

- HTAB

   50

- MTAB

   100

Action:

Contact Technical Support at http://ca.com/support for assistance.

CATL118W

FORCED PROMPT=NO BECAUSE INQACC=YES

Reason:

TLMSLDIP: Both of the installation options PROMPT and INQACC have been specified YES.

Action:

Correct the options and rerun.

CATL119E

MISSING A REQUIRED PARM

Reason:

TLMSLDIP: The TLMSIPO member of CAI.CTAPOPTN is missing one or more required parameters.

Action:

See preceding messages and the *Configuration Guide*. Add or correct the required parameters.

CATL121E

PROCESSING FOR CTSOPTNS MEMBER xxxxxxxx FAILED; RC=xxxxxxxx

Reason:

TLMSLDIP: Processing of a CTS option table ended with a nonzero return code.

Action:

Take corrective action for messages which indicate the actual errors. Tape jobs should not be run until these tables are built without errors.

CATL200 - CATL299

CATL201I

RETENTION TABLE INITIALIZATION STARTED.

Reason:

TLMSRULI: This program has started. If the CAIRMF DD statement is present, it will read the RMF and attempt to build a resident retention table.

Action:

None. This is an informative message only.

CATL205E

OPEN INPUT FAILED FOR CAIRMF.

Reason:

TLMSRULI: This program was unable to open the RMF.

Action:

Verify that the CAIRMF DD points to a valid RMF and that TLMSRULI has access to it.

CATL206I

RETENTION TABLE INSTALLED.

Reason:

TLMSRULI: This program has completed with RC=0 and the resident retention table has been built.

Action:

None. The message is informational only.

CATL207I

RETENTION TABLE NOT INSTALLED

Reason:

TLMSRULI: This program has completed with RC=4 and the resident retention table has NOT been built.

Action:

None. The message is informational only.

CATL219E

XXXXX ERROR ON VSAM FILE R15 = RRR TYPE = FFF.

Reason:

TLMSRULI: A VSAM error was detected while accessing the RMF. Where XXXXX = the function being performed, RRR = the decimal value of R15, and FFF = the VSAM error message number.

Action:

See the IBM documentation for the VSAM error message.

Chapter 6: Tape Initialization Messages

This chapter describes the tape initialization messages.

CATLTN01

ffff - CHANGE INITIALIZATION OF vvvvvv TO cccccc ON uuuuu?

Reason:

You are asked for permission to change the tape label. ffff is the initialization function, vvvvvv is the VOLSER obtained from the tape, cccccc is the VOLSER obtained from the control statement and uuuuu is the unit allocated to the LABELDD ddname.

The vvvvvv parameter can contain special values when the VOLSER cannot be read from the tape as follows:

NL

    No label tapes

******

    No attempt was made to read label

NEW

    Blank uninitialized tapes

ERR

    When error occurred reading the label

A + can follow the vvvvvv to indicate that a duplicate VOLSER is being created. The CATLTN01 message is issued often with any CATLTN02 or CATLTN03 message to ensure that you do not get the tapes out of sequence.

Action:

Enter the external label of the mounted tape for confirmation.

CATLTN02

(Various messages) FOR intape

(Various messages) FOR newtape

(Various messages) FOR oldtape

(Various messages) FOR outtape

cccccc ON uuuu - ENTER RETRY, SKIP, OR ABEND

Reason:

The variable portion has a problem description.

Action:

Respond to the message with one of the following keywords:

ABEND

Terminates processing of the job step immediately.

RETRY

Attempts to reprocess the request (an example is attempting to write to a protected tape).

SKIP

Terminates processing of the current input statement. The cccccc parameter is the VOLSER from the control statement, and uuuu is the unit that is allocated for the LABELDD ddname.

Note: When you specify NUMBTAPE, this operation can result in a partial execution of the input statement requiring manual modification for re-execution.

CATLTN03

(Messages)   FOR VOLUME=vvvvvv   ON uuuu

- ENTER SKIP, OR ABEND

Reason:

The variable portion has the problem description.

Action:

The operator can respond to the message with one of two key words; ABEND to immediately terminate processing of the job step or SKIP to terminate processing of the current input statement.

CATLTN04

ENTER VSN AND LABTYPE FOR SER=vvvvvv

Reason:

Tape emulation was specified with the EXEC parameter.

Action:

Enter a VOLSER and LABTYPE for validation as though it has come from the tape HDR label.

CATLTN05

NO DD STATEMENT FOR TAPE DRIVE

Reason:

The job step contains no DD statement for LABELDD. The job step continues processing as if the TEST parameter was specified in the JCL (for example, no tapes are initialized).

Action:

None. This is an informative message.

CATLTN06

DESTINATION DEVICE NOT A TAPE DRIVE

Reason:

A tape drive is not allocated for the LABELDD DD statement. The job step continues processing as if the TEST parameter was specified in the JCL (for example, no tapes are initialized).

Action:

None. This is an invormative message.

CATLTN07

INVALID JCL PARM

Reason:

The JCL parameter of the job step is invalid. The job step is terminated without further processing.

Action:

Correct the JCL PARM and resubmit.

CATLTN08

SKIPPING TO NEXT INPUT STATEMENT

Reason:

When SKIP is entered in response to message CATLTN02 (see page 268) or CATLTN03 (see page 268), processing skips to the next control statement in the input.

Action:

None. This is informational only.

Chapter 7: CATP - TLTP Messages

This chapter describes all the TLTP messages.

CATP000 - CATP099

CATP001E

INVALID PASSWORD OR USERID SPECIFIED

Reason:

The security check has determined that either the user ID is invalid or the wrong password was specified for that user ID.

Action:

Ensure the user has an entry in the TLMSUTAB table and check the password for that user ID.

CATP002E

INVALID SCREEN ID ENTERED

Reason:

The screen ID that the user has entered is either invalid or is not accessible from this screen.

Action:

Enter a valid screen ID.

CATP003I

FORWARD OR BACKWARD NOT IN USE on THIS SCREEN

Reason:

The user has hit either the FORWARD or BACKWARD PF key on a screen that does not scroll.

Action:

None. This is an informative message.

CATP004A

INVALID DATE FORMAT

Reason:

The date entered on the MS01 screen has failed validity checks for either Gregorian or Julian format.

Action:

Enter a valid Julian or Gregorian date.

CATP005A

CERTIFY AND CLEAN COMMANDS REQUIRE A START VOLSER

Reason:

The user has not specified a start range for a CERTIFY or CLEAN command on screen MS01.

Action:

Enter a valid start volser.

CATP006A

TO CONFIRM CLEAN REQUEST HIT ENTER

Reason:

A range of tapes is to be cleaned. This allows the CLEAN operation to be aborted.

Action:

Press ENTER to clean the range. Press any other key to abort the request.

CATP007A

TO CONFIRM CERTIFY REQUEST HIT ENTER

Reason:

A range of tapes is to be certified. This allows the CERTIFY operation to be aborted.

Action:

Press ENTER to certify the range. Press any other key to abort the request.

CATP008E

ACCESS ALLOWED IS INQUIRY ONLY - REQUEST DENIED

Reason:

A user with inquiry access has attempted to update the VMF.

Action:

Check the entry in TLMSUTAB table and, if necessary, add update capabilities for the user.

CATP009E

VOLSER MUST BE SPECIFIED

Reason:

The user has not entered a volser on the VL01 screen.

Action:

Enter a valid volser.

CATP010E

FILE SEQUENCE NUMBER NOT NUMERIC

Reason:

The file sequence number entered is not numeric.

Action:

Enter a numeric file sequence number.

CATP011E

FILE SEQUENCE NUMBER NOT on VOLUME

Reason:

The file sequence number entered is greater than the number of files on that volume.

Action:

Enter a valid file sequence number.

CATP012E

VOLUME SPECIFIED NOT IN VOLUME MASTER FILE

Reason:

The volume specified cannot be found on the Volume Master File.

Action:

Enter a valid volser.

CATP013E

INVALID SEARCH ORDER SPECIFIED

Reason:

The order of search on the DS01 screen is invalid.

Action:

Enter a valid search order.

CATP014I

DATASET OR VERSION NOT FOUND

Reason:

A data set or a specific version of a data set could not be found.

Action:

Check the data set name and the version, and retry.

CATP015E

DATASET NOT on VMF AS INDICATED BY THE INDEX - INDEX CORRUPT

Reason:

The VMF index indicated that a data set was on a specific volume in the VMF, but the VMF record contained a different dataset name for this file sequence. This is generally a result of excessive use of UPV VOLSER,EXPDT=60001 command. This command does not remove existing VMF INDEX records when used to break chains. Always use chaining errors that are present in the VMF.UPV VOLSER,CHV=BRKCHN to break volume chains unless serious

Action:

Remove the orphaned records created by the use of EXPDT=60001 from the VMF and VMF INDEX. To remove the records, execute the following procedure:

1. Stop all tape processing.

2. Backup the TLMS Volume Master File (VMF).

3. Reorg the VMF (using PROC CATVMFRE).

4. Execute PROC CATVMFX1 to create a new VMF INDEX

Note: This condition does not effect other datasets in the VMF INDEX and processing continues normally for all other datasets.

CATP016E

VERSION NUMBER MUST BE NUMERIC

Reason:

The version specified was not numeric.

Action:

Correct the version number and retry.

CATP017E

FIELD(S) IN ERROR ARE MARKED WITH ASTERISKS

Reason:

Invalid update parameters were entered on the Inquiry/Update screen (DS02).

Action:

Correct the fields and retry.

CATP018I

BACKWARDS NOT IN EFFECT WHEN DOING CA TLMS/CATALOG INQUIRIES.

Reason:

The BACKWARD PF key has been used when viewing the TLMS/Catalog.

Action:

None. This is an informative message.

CATP019I

SECURITY EXCEPTION-PANEL NOT AVAILABLE TO USER

Reason:

An attempt has been made to access a panel that is not available according to the security system. Panel access is denied.

Action:

None. This is an informative message.

CATP020I

SECURITY EXCEPTION - DATASET NOT AVAILABLE TO USER

Reason:

An attempt has been made to access a dataset that is not available according to the security system. Dataset access is denied.

Action:

None. This is an informative message.

CATP021A

INVALID VALUE ENTERED FOR DATE FIELD, RE-ENTER

Reason:

Date value is non-numeric or out of range for day, month or year. (Example: day is greater than 31 or 366, depending on date format.)

Action:

Re-enter with valid date.

Chapter 8: CATS - Security Messages

This chapter describes all the security messages.

CATS100 - CATS199

CATS100I

TLMS SECURITY SYSTEM INITIALIZED, ACTIVE SYSTEM= system

Reason:

TLMSSECU: The security system interface indicated is activated (SECURE=YES is specified in member TLMSIPO of CAI.CTAPOPTN).

Action:

None. This is an informative message.

CATS101W

TLMS SECURITY INTERFACE CALLED, BUT NO SYSTEM SECURITY IS ACTIVE

Reason:

TLMSSECU: CA TLMS security has been activated (SECURE=YES has been specified in member TLMSIPO of CAI.CTAPOPTN); however, a call to the security interface indicates that there is no system security component active on the system.

Action:

If a security system is being used, restart. If no security system, change the SECURE option to NO.

CATS200 - CATS299

CATS201E

SECURITY FUNCTION CODE ZERO OR INVALID

Reason:

TLMSSECU: The security manager was called with an invalid request code or no request code was supplied. Security call is terminated.

Action:

If this is not a user security call, it is an internal error. Contact Technical Support at http://ca.com/support for assistance.

CATS202E

INVALID RETURN CODE FROM USER EXIT, SECURITY CALL TERMINATED

Reason:

TLMSSECU: The security manager called the security exit and the call return code is invalid. The security call is terminated.

Action:

Valid return codes from the security user exit are 0, 4, and 8. Properly set or clear return code from user security exit.

CATS300 - CATS399

CATS301E

ADDRESS POINTER TO USER ID MISSING

Reason:

TLMSSECU: The security manager was called and the user ID, which is required for this function, was missing. The security call is terminated.

Action:

If this is not a user security call, it is an internal error. Contact Technical Support at http://ca.com/support for assistance.

CATS302E

ADDRESS POINTER TO PASSWORD MISSING

Reason:

TLMSSECU: The security manager was called and the password, which is required for this function, was missing. The security call is terminated.

Action:

If this is not a user security call, it is an internal error. Contact Technical Support at http://ca.com/support for assistance.

CATS303E

ADDRESS OF ACEE/ACMCB MISSING

Reason:

TLMSSECU: The security manager was called and the ACEE/ACMCB, which is required for this function, was missing. The security call is terminated.

Action:

If this is not a user security call, it is an internal error. Contact Technical Support at http://ca.com/support for assistance.

CATS304E

ADDRESS POINTER TO RESOURCE MISSING

Reason:

TLMSSECU: The security manager was called and the resource, which is required for this function, was missing. The security call is terminated.

Action:

If this is not a user security call, it is an internal error. Contact Technical Support at http://ca.com/support for assistance.

CATS305E

ADDRESS OR VALUE OF RESOURCE CLASS INVALID

Reason:

TLMSSECU: The security manager was called and the class, which is required for this function, was missing. The security call is terminated.

Action:

If this is not a user security call, it is an internal error. Contact Technical Support at http://ca.com/support for assistance.

CATS306E

ADDRESS OF VOLSER REQUIRED WHEN CLASS=DATASET

Reason:

TLMSSECU: The security manager was called and a required field was missing. The volume serial number is required when the class name is DATASET. The security call is terminated.

Action:

If this is not a user security call, it is an internal error. Contact Technical Support at http://ca.com/support for assistance.

CATS307E

LENGTH OF RESOURCE MISSING OR NOT COMPUTABLE

Reason:

TLMSSECU: The security manager was called and a required field was missing. The resource length must be present for this function. The security call is terminated.

Action:

If this is not a user security call, it is an internal error. Contact Technical Support at http://ca.com/support for assistance.

CATS308E

RESOURCE ACCESS LEVEL IS NOT VALID.

Reason:

TLMSSECU: The security manager was called and a required field was missing. The access level must be present for this function. The security call is terminated.

Action:

If this is not a user security call, it is an internal error. Contact Technical Support at http://ca.com/support for assistance.

Chapter 9: CTS - Common Tape System Messages

This chapter describes all the common tape messages.

CTSDATE00 - CTSDATE099

CTSDATE01

CTSDATE RC=xx RSN=xx FUNC=xx FDBK=xx

Reason:

An error occurred during a call to CTSDATE.

Action:

See TLMDATE in the *Configuration Guide* for CTSDATE reason and action codes.

CTSPM000 - CTSPM099

CTSPM001

CTSPM RC=xx RSN=xx FUNC=xx error.msg

Reason:

CTSPM detected an error while processing a pattern masking request.

Action:

See the **error.msg** text for a description of the error. Correct the control statement and resubmit the request.

CTSSMS00 - CTSSMS099

CTSSMS01

CTSSMS .. RC=xx RSN=xx FUNC=xx FDBK=xx

Reason:

An error was detected during an attempt to obtain information from SMS.

Action:

See the IBM macro IEFSSSA (field SSSARSN) for RSN=xx codes returned by SMS.

CTSSMS02

CTSSMS .. WARNING - SMS IS NOT ACTIVE BUT OPTIONS INDICATE IT SHOULD BE CALLED

Reason:

An attempt was made to send a request to SMS, but the subsystem was not installed or active. CA TLMS made the request because the option SMS was set to YES.

Action:

If SMS services are desired, start the SMS subsystem. Otherwise, set the SMS option in TLMSIPO to NO and rerun TLMSRIM. Processing continues regardless of the status of SMS.

CTS000 - CTS099

CTS001

(mount message)

Reason:

The requested mount does not fall under the CA TLMS scratch pool selection.

Action:

Mount the tape specified in the VOLSER portion of the system message.

CTS002

(modified mount message)

Reason:

The requested mount is under the CA TLMS scratch pool selection.

Action:

Mount the tape from the CA TLMS scratch tape pool as specified in the VOLSER portion of the system message.

CTS004

(IBM JES3 mount message)

Reason:

The requested mount does not fall under the CA TLMS scratch pool selection.

Action:

Mount the tape specified in the VOLSER portion of the IBM message.

CTS005

(modified IBM JES3 mount message)

Reason:

The requested mount is under the CA TLMS scratch pool selection.

Action:

Mount the tape from the CA TLMS scratch tape pool as specified in the VOLSER portion of the IBM message.

CTS007

(mount message)

Reason:

A specifically requested CA TLMS controlled volume is marked out-of-area in the VMF. The out-of-area location is noted in the text of the mount message.

Action:

The action taken depends on where the volume physically resides at the time of the request. If you can obtain the tape, mount the tape, otherwise cancel the job. Tapes marked out-of-area to a nonvault location are automatically checked in when read for input. It is possible that the volume could be nonresident; however, there is not a way to distinguish that at this point in OPEN processing. Use JES '/*SETUP' statements to assist operations for nonresident volumes that correspond to CA TLMS controlled volume serial numbers.

CTS008

(mount message)

Reason:

A specifically requested volume is not defined to CA TLMS control. (There is no volume record in the VMF for the requested volume.)

Action:

Mount the requested volume.

CTS009

(mount message)

Reason:

A specifically requested volume is assigned to CA TLMS control. (There is a record for the requested VOLSER in the VMF.)

Action:

Mount the requested volume. It is possible that the volume could be nonresident; however, there is not a way to distinguish that at this point in OPEN processing. Use JES '/*SETUP' statements to assist operations for nonresident volumes that happen to correspond to CA TLMS controlled volume serial numbers.

CTS014

(dismount message)

Reason:

A volume was dismounted.

Action:

None. Message is for information only.

CTS016

(mount message)

Reason:

CTSMSGPR: A specifically requested volume is a virtual tape which has been exported from the automatic tape library. This volume **cannot** be mounted. The actual volume which contains the virtual volume may also contain one or more additional virtual volumes. The mount message has been modified to show the actual (physical) volume. The volser in the message is replaced by the following:

```
'vvvvvv(ACTL=pppppp)'
```

```
Where vvvvvv is the virtual volume and pppppp is the ACTUAL (physical) volume.
```

Action:

This tape **cannot** be mounted directly. Stop the job. The virtual volume must be IMPORTed and the job rerun.

CTS017

(mount message)

Reason:

CTSMSGPR: A specifically requested volume is a virtual tape which was exported from the automatic tape library. This volume **cannot** be mounted. The actual volume which contains the virtual volume may also contain one or more additional virtual volumes. The actual volume is marked out-of-area and may reside in another location. The mount message was modified to show the actual (physical) volume. The volser in the message is replaced by the following:

`'vvvvvv(ACTL=pppppp)(aaaa;sssssss)'`

Where

`vvvvvv is the virtual volume`

- pppppp is actual (physical) volume,
- aaaa is the location of the volume,
- sssssss is the cabin/slot the volume

Action:

This tape cannot be mounted directly. Stop the job. The virtual volume must be IMPORTed and the job rerun.

CTS100 - CTS199

CTS0101I

Virtual volume RECALL issued for vvvvvv

Reason:

A volume mounted that is part of a multivolume set is being recalled to CACHE.

Action:

None. This is an informational message.

CTS900 - CTS999

CTS989E

VIRTUAL VOLUME XXXXXX ON STACKED VOLUME YYYYYY IS NEEDED IN LIBRARY ZZZZZZZZ

Reason:

CBRUXVNL detected that a virtual volume requested is not available in the ZZZZZZZZ library.

Action:

Enter the virtual volume XXXXXX from the stacked volume YYYYYY into the ZZZZZZZZ library.

CTS992E

CTS992E VOLUME XXXXXX IS NEEDED IN LIBRARY ZZZZZZZZ

Reason:

CBRUXVNL detected that a requested volume is not available in the current library, but that the volume is not out of area.

Action:

Enter volume XXXXXX into library ZZZZZZZZ.

CTS994E

CA TAPE MANAGEMENT WAS NOT ACTIVE WHEN CBRUXEJC (TAPE CARTRIDGE EJECT PROCESS) WAS INVOKED AND TAPE ACTIVITY IS NOT RECORDED! CTS996D WILL BE ISSUED FOR EACH TAPE EJECT, REPLY U, R, C, OR DISABLE.

U TO USE THE TAPE WITHOUT TAPE MANAGEMENT.

C TO CANCEL THE TAPE EJECT PROCESS.

R TO RETRY THE TAPE EJECT PROCESS.

DISABLE TO STOP ALL FURTHER CALLS TO EXIT.

Reason:

CBRUXEJC: The EJECT exit for an IBM 3495 has made a service call to CA tape management routines and the tape management system is not active. Tape activity is not being recorded.

Action:

Select an option and reply to the CTS996D (see page 291) prompt.

CTS995E

CA TAPE MANAGEMENT WAS NOT ACTIVE WHEN CBRUXENT (TAPE CARTRIDGE ENTRY PROCESS) WAS INVOKED AND TAPE ACTIVITY IS NOT RECORDED! CTS996D WILL BE ISSUED FOR EACH TAPE ENTRY, REPLY U, R, C, OR DISABLE.

U TO USE THE TAPE WITHOUT TAPE MANAGEMENT.

C TO CANCEL THE TAPE ENTRY PROCESS.

R TO RETRY THE TAPE ENTRY PROCESS.

DISABLE TO STOP ALL FURTHER CALLS TO EXIT.

Reason:

CBRUXENT: The ENTRY exit for an IBM 3495 has made a service call to CA tape management routines and the tape management system is not active. Tape activity is not being recorded.

Action:

Select an option and reply to the CTS996D (see page 291) prompt.

CTS996D

REPLY U, C, R, DISABLE OR HELP.

Reason:

CBRUXENT,CBRUXEJC: CA tape management was not active when an IBM 3495 exit called it. See CTS995E (see page 290) for explanation.

Action:

Reply *U* to allow the exit to continue without recording tape activity. Reply *C* to cancel the processing for the current tape and immediately eject it. Reply *R* to retry the process after starting the tape management system. Reply *DISABLE* to prevent this exit from being called again. Reply *HELP* to display CTS995E (see page 290).

CTS997E

CA TAPE MGMT INTERCEPTS ARE NOT ACTIVE!! FOREIGN TAPE IS REQUESTED. TAPE ACTIVITY IS NOT BEING RECORDED! CTS999D WILL BE ISSUED FOR EACH TAPE MOUNT, REPLY U, M, OR C.

U TO USE THE TAPE WITHOUT TAPE MANAGEMENT.

C TO CANCEL THE JOB WITH A USER 222.

M TO REJECT THE TAPE.

Reason:

The dynamic CA tape intercepts are not applied and the FAILSAFE exit has received control at volume mount time. This prevents tape jobs from running without tape management control. The tape was requested for foreign processing, so tape management may not be required.

Action:

Start tape management if desired, and reply to CTS999D (see page 292).

CTS998E

CA TAPE MGMT INTERCEPTS ARE NOT ACTIVE!! TAPES ARE NOT PROTECTED AND TAPE ACTIVITY IS NOT BEING RECORDED! CTS999D WILL BE ISSUED FOR EACH TAPE MOUNT, REPLY U, M, OR C.

U TO USE THE TAPE WITHOUT TAPE MANAGEMENT.

C TO CANCEL THE JOB WITH A USER 222.

M TO REJECT THE TAPE.

Reason:

The dynamic CA tape intercepts are not applied and the FAILSAFE exit has received control at volume mount time. This prevents tape jobs from running without tape management control.

Action:

Start tape management if desired, and reply to CTS999D (see page 292).

CTS999D

volser,dsname ....

Reason:

The dynamic CA tape intercepts are not applied and the FAILSAFE exit received control at volume mount time. This prevents tape jobs from running without tape management control.

Action:

Reply U to continue processing this tape; reply M to reject it, or C to cancel it with a User 222. Tape management should always be active under normal conditions, and should be started now unless deliberately stopped.

Chapter 10: CTSD - Distributed Tape Support Messages

This chapter describes all the distributed tape support messages.

CTSD400 - CTSD499

CTSD401I

Startup of CTSDTS at*hh:mm:ss* on *dd-mon-yyyy*, system*sysid*, language selected is English

Reason:

CTSDTS is initializing. This message shows the current date and time along with the SMF system ID of the current system. CTSDTS messages and text are stored in an independent language module. This message also indicates the language table in use.

Action:

None. This is an informational message.

CTSD402E

No schedule was supplied for the EVENT command

Reason:

An EVENT command was received from the CONSOLE, but no SCHDoperand was supplied.

Action:

Supply a valid SCHD operand on the EVENT command.

CTSD403E

The value specified for LOGDD is > 8 characters

Reason:

The LOGDD operand is longer than 8 characters.

Action:

Supply a LOGDD operand from 1 to 8 characters long.

CTSD404E

The value specified for MAXTASK is not valid

Reason:

The operand of MAXTASK must be a number in the range of 1 through10.

Action:

Specify a valid value for MAXTASK, or do not specify MAXTASK at all.

CTSD405I

Message ID *messageID* not found, variables:(*variables*)

Reason:

CTSDTS is attempting to issue a message but the text of that message is not in the current language table. *messageID* is the ID of the missing message. The list of variables that were to be edited into the message are displayed as keywords with values assigned in the string *variables*. This is an internal error.

Action:

Processing continues. Notify Technical Support with this error. Contact Technical Support at http://ca.com/support for assistance

CTSD406I

Message ID *messageID* in error, variables:(*variables*)

Reason:

CTSDTS is attempting to issue a message but an unexpected error occurred during processing. *messageID* is the ID of the message. The list of variables that were to be edited into the message are displayed as keywords with values assigned in the string *variables*. This is an internal error.

Action:

Processing continues. Notify Technical Support with this error. Contact Technical Support at http://ca.com/support for assistance

CTSD407I

PARM=(*parms*) detected

Reason:

Parameters have been supplied to the CTS start command for CTSDTS.

Action:

None. This is an informational message.

CTSD408E

Definition name was not specified on the start command

Reason:

A start command has been received from the console, but no valid NAME operand was found.

Action:

Specify the name of a SRVDEF definition on the START command.

CTSD409E

MAXTASK must be a numeric value

Reason:

The value specified for the MAXTASK was not numeric.

Action:

Specify a numeric value for MAXTASK in the range of 1 through10.

CTSD410I

CTSDTS is shutting down

Reason:

CTSDTS is terminating.

Action:

None. This is an informational message.

CTSD411E

Server definition is in error

Reason:

This message will be preceded with other messages that identifythe error.

Action:

Correct the errors identified by the preceding error messages.

CTSD412E

CTSDTS is not starting due to control statement errors

Reason:

This message will be preceded by other error messages thatidentify the statements in error.

Action:

Correct the errors identified by the preceding error messages.

CTSD413I

Input from the CTAPOPTN library

Reason:

The statements following this message are being read from the CTAPOPTN library.

Action:

None. This is an informational message.

CTSD415E

Logging requested but no LOGDDNM keyword was found - request ignored

Reason:

LOG=Y was specified on the SRVDEF statement, but no LOGDDNM wassupplied.

Action:

Supply a valid LOGDDNM on the SRVDEF statement, or remove LOG=Y from the SRVDEF statement.

CTSD416E

The preceding statement is a duplicate definition

Reason:

The NAME operand on the SRVDEF statement has already been specified on a preceding SRVDEF statement.

Action:

Specify a unique name for the SRVDEF statement.

CTSD417E

An error occurred defining the preceding statement

Reason:

The message will be preceded by other error messages that identify the error on the SRVDEF statement.

Action:

Correct the errors identified by the preceding error messages.

CTSD418E

The length of the name operand is greater than 8

Reason:

The length of the NAME operand may not be greater than 8characters.

Action:

Specify a NAME that is 8 characters or less.

CTSD419E

The length of the TCPNAME operand is > 8

Reason:

The length of the TCPNAME operand may not be greater than 8characters.

Action:

Specify a TCPNAME that is 8 characters or less.

CTSD420E

The length of the *ddname* operand is > 8.

Reason:

The length of the ddname specified may not be greater than 8.

Action:

Specify a ddname that is 8 characters or less.

CTSD421E

The length of the prod operand is > 3

Reason:

The PROD operand may only be three characters.

Action:

Specify a valid PROD operand that is three characters or less.

CTSD422E

The length of the SERVER operand is > 64

Reason:

The SERVER operand is greater than 64 characters.

Action:

Specify a SERVER operand that is 64 characters or less.

CTSD423E

Schedule *schedname* was not added for SRVDEF*servername* because of an internal table error

Reason:

An internal error has occurred. Processing continues.

Action:

In the unlikely event that this message is displayed, notify Technical Support. Contact Technical Support at http://ca.com/support for assistance

CTSD424W

hh:mm:ss ----- **SRVDEF definition** *servername***is currently being processed - request to start ignored**

Reason:

A START command was issued for a SRVDEF definition that is currently being serviced.

Action:

This request is ignored. Processing continues.

CTSD425I

hh:mm:ss ----- **SRVDEF definition** *servername* **is being inserted into the process queue**

Reason:

A request to start processing a SRVDEF definition has been received and the definition is being placed into the process queue.

Action:

None. This is an informational message.

CTSD426I

hh:mm:ss ----- **SRVDEF definition** *servername***is being removed from the process queue and assigned to task** *taskid*

Reason:

A subtask has become available and the specified SRVDEF definition is being assigned to the subtask for processing.

Action:

The task whose task number is *taskid* will begin processing the server named *servername*.

CTSD427I

hh:mm:ss ----- **SRVDEF definition** *servername***is being removed from the process queue - already being serviced by task** *taskid*

Reason:

A scan of the process queue has determined that the specified SRVDEF definition is currently being processed.

Action:

The duplicate request will be removed from the process queue to prevent redundant processing.

CTSD428E

hh:mm:ss ----- **SRVDEF definition** *servername***was not found in the DTSCB table**

Reason:

A START command was received to process the specified SRVDEF definition, but it was never defined at DTS startup.

Action:

Correct the NAME operand on the START command.

CTSD429I

hh:mm:ss **Task** *taskid* **has started and iswaiting for work**

Reason:

A processing subtask has been initialized and is waiting to process a SRVDEF.

Action:

None. This is an informational message.

CTSD430I

hh:mm:ss **Task** *taskid* **is waiting for work**

Reason:

A processing subtask has completed a previous request and nomore requests where found in its queue. This task has become idle.

Action:

None. This is an informational message.

CTSD431I

hh:mm:ss* Task *taskid* has been posted toprocess SRVDEF definition *servername

Reason:

The control task has notified a processing subtask that it is to process the specified SRVDEF.

Action:

None. This is an informational message.

CTSD432I

hh:mm:ss* ----- Task *taskid* has finishedprocessing SRVDEF *servername* - return code *returncode

Reason:

A processing subtask has finished processing a SRVDEF definition.

Action:

If the return code is not 0, it might be an indication of a possible anomaly. If an anomaly exists, there will be preceding error messages that specify the error.

CTSD433I

***hh:mm:ss* Task *taskid* is stopping**

Reason:

A request to terminate DTS has been received, and the subtask is ending.

Action:

None. This is an informational message.

CTSD434I

Using a value of 3 for maximum concurrent tasks

Reason:

Either an invalid value was specified for MAXTASK or no value was specified for MAXTASK, so the default value of 3 is being used for the number of processing subtasks.

Action:

None. This is an informational message.

CTSD435E

The SYSTCPD DD statement is missing - CTSDTS cannot continue

Reason:

The SYSTCPD DD statement must be specified in the CTS procedure being used for distributed tape services.

Action:

Specify the SYSTCPD DD statement with the correct dataset name in the procedure being used for distributed tape services.

CTSD436E

The iSponsor tables were not successfully loaded

Reason:

There has been an error loading the iSponsor cross reference tables.

Action:

Make sure the load library that contains the iSponsor cross reference tables is specified on STEPLIB, JOBLIB, or in the link list. If any of these conditions are already met, notify Technical Support for assistance. Contact Technical Support at http://ca.com/support for assistance

CTSD437E

hh:mm:ss ----- **Task *taskid* has endedabnormally - abend code is *abendcode***

Reason:

A processing task has ended abnormally. The value of *abendcode* is the system completion code for the subtask.

Action:

Collect the SYSUDUMP that was produced and notify Technical Support. The task will be automatically restarted unless CTSDTS detects a repeating abend scenario. Contact Technical Support at http://ca.com/support for assistance

CTSD438E

***hh:mm:ss* ----- Task *taskid* will not be restarted due to excessive abends**

Reason:

A processing task has been restarted the maximum number of times without success. It will not restart until DTS is brought down and then back up.

Action:

Collect the SYSUDUMP that was produced as a result of an abend and notify Technical Support. Contact Technical Support at http://ca.com/support for assistance

CTSD439W

The default value of *number* is being used for MAXTASKS

Reason:

MAXTASK was not specified or is invalid so the default number of subtasks is being used.

Action:

If this is a result of a previous specification error, there will be preceding error messages that describe the error. This message will also be issued if no MAXTASK was specified.

CTSD440I

hh:mm:ss* Task *taskid* is assigning iSponsor *name* and method *methodname* to SRVDEF *servername

Reason:

A processing task is assigning a particular iSponsor and Method to be used in the data extraction from the server defined on the SRVDEF definition.

Action:

None. This is an informational message.

CTSD441E

hh:mm:ss **Task** *taskid* **was unable to establish TCP/IP communications with host** *hostname*

Reason:

A processing subtask was not able to connect to the specified backup server.

Action:

Verify the name of the server being used. Verify that a TCP/IP connection is possible from the mainframe to the specified server by issuing the PING command from a TSO command prompt directed to the server in question. Verify that the iGateway is properly installed and configured on the server. Verify the iSponsor is installed on the server.

CTSD442E

hh:mm:ss **Task** *taskid* **was unable to obtain the list of iSponsors from the host** *hostname*

Reason:

A processing subtask was unable to obtain the list of iSponsors from the remote server.

Action:

Verify the name of the server being used. Verify that a TCP/IP connection is possible from the mainframe to the specified server by issuing the PING command from a TSO command prompt directed to the server in question. Verify that the iGateway is properly installed and configured on the server. Verify the iSponsor is installed on the server.

CTSD443I

hh:mm:ss **Task** *taskid* **has finished processing SRVDEF definition** *servername*

Reason:

A processing subtask has completed processing the remote server specified on the SRVDEF definition.

Action:

None. This is an informational message.

CTSD444E

hh:mm:ss* Task *taskid* reports there were no supported iSponsors on host *hostname

Reason:

A list of iSponsors was retrieved from the remote server but there are no supported iSponsors on the server.

Action:

The list of iSponsors retrieved will be in the DTSPRNT SYSOUT. Either the backup product is not supported, or the associated iSponsor has not been installed on the remote server. Verify the name of the server being used. Verify that the iGateway is properly installed and configured on the server. Verify the iSponsor is installed on the server.

CTSD445I

hh:mm:ss* Task *taskid* has connected with host *hostname*, IP address is *n.n.n.n

Reason:

A processing subtask has successfully connected to a remote backup server named *hostname*. The IP address of the server is also listed for verification purposes.

Action:

None. This is an informational message.

CTSD446E

hh:mm:ss* Task *taskid* reports a problem obtaining data from host *hostname

Reason:

This message will be issued when there is a problem obtaining the remote server's data.

Action:

There will be error messages preceding this one that describe the error condition.

CTSD447I

hh:mm:ss **Task** *taskid* **found iSponsor** *iSponsorname* **on host** *hostname*

Reason:

A processing subtask is listing the found iSponsors on the remote server. This is a result of TRACE being specified on the SRVDEF or GLOBAL statement, or as a result of message CTSD44E being issued.

Action:

None. This is an informational message.

CTSD448W

hh:mm:ss **Task** *taskid* **detected errors in formatting iSponsor data**

Reason:

A processing subtask has received a response to its query to an iSponsor, but the content of the data was not formatted as expected.

Action:

Notify Technical Support of this error condition. Contact Technical Support at http://ca.com/support for assistance

CTSD449W

hh:mm:ss **Task** *taskid* **found no data records were formatted**

Reason:

A processing subtask has determined that no data records were formatted for the specified remote server.

Action:

Notify Technical Support of this error condition. Contact Technical Support at http://ca.com/support for assistance

CTSD450E

Parse error - return code is *returncode*, reason code is *reasoncode*

Reason:

This is an internal error.

Action:

Notify Technical Support of this error condition. Contact Technical Support at http://ca.com/support for assistance

CTSD451W

***hh:mm:ss* Task *taskid* detected errors building update transactions for tape system**

Reason:

A batch of updates has just been processed for the MVS tape management system. One or more of the updates failed.

Action:

Review the previous messages for this same task to which specific updates failed.

CTSD452W

Required symbolic named *symbolname* was not found in the language table

Reason:

CTSDTS stores all of its textual elements for messages and reporting in a language table. The language table in use is missing one of the required text elements.

Action:

This is an internal error. Notify Technical Support with this error. Contact Technical Support at http://ca.com/support for assistance

CTSD500 - CTSD599

CTSD600 - CTSD699

CTSD600I

CA 1 audit is filling reply "u" to continue "w" to wait and retry, or "a" to abend

Reason:

The CA 1 audit file has reached a warning threshold, and action is required before processing can continue. Since CTSDTS can potentially flood the tape management system with numerous updates, it defers to the system operator.

Action:

You have three choices:

- Run the CA 1 audit backup job. Once it completes, reply "u" to this message to continue processing.

- Reply "w" which puts the updates into a "slowdown mode" where CTSDTS waits *n* minutes before attempting to update the TMC again. The updates will trickle in every *n* minutes until the threshold condition clears. Once the condition clears, CTSDTD will resume normal update processing. The number of minutes for the wait interval are displayed in message CTSD601I in response to replying "w."

- Reply "a" which abends the updating task and abandons the updates. After the TMC has been backed up and the audit cleared, issue the following console command:

  f cts,msgmdts,'start name=*srvdefname*'

  where *srvdefname* is the name of the SRVDEF associated with this failure. This will re-drive the query and cause the TMC updates to be generated again.

CTSD601I

Waiting *number* minutes for CA 1 audit threshold condition to clear before continuing

Reason:

The system operator replied "w" to message CTSD600I. Processing is suspended for *number* minutes to allow the condition to clear.

Action:

Run the CA 1 audit backup job before the time has elapsed. When the time has elapsed, a processing retry will be performed, and if the condition has cleared, processing will resume, otherwise the wait cycle will be repeated.

CTSD602I

Reply to CTSD600I is not valid

Reason:

An invalid reply was given to message CTSD600I.

Action:

Reply "w" to wait, "a" to abend, or "u" to retry processing.

CTSD603E

_hh:mm:ss_ Task _taskid_ volume _volser_ was not found

Reason:

The network server returned a volume whose serial number is _volser_, but the MVS tape management database did not contain that volume.

Action:

Make sure this volume is defined in the MVS tape management system's database. Also, make sure the volume is marked as an "agent" volume.

CTSD604E

_hh:mm:ss_ Task _taskid_ read failed forvolume _volser_, code (_reasoncode_)

Reason:

CTSDTS was attempting to read the MVS tape management database when an unexpected error occurred.

For CA 1, the value of _reasoncode_ is the return code from the TMMGETVL macro.

For CA TLMS, the value of _reasoncode_ is the return code from the call to TLMSVMIO.

Action:

Consult the product documentation for the appropriate MVS tape management system for a detailed explanation. Make sure this volume is defined in the MVS tape management system's database. Also, make sure the volume is marked as an "agent" volume.

CTSD605E

hh:mm:ss **Task** *taskid* **update failed for volume** *volume* **code(***reasoncode***)**

Reason:

CTSDTS was attempting to update the MVS tape management database when an unexpected error occurred.

For CA 1, the value of *reasoncode* is the return code from the TMMPUTVL macro.

For CA TLMS, the value of *reasoncode* is the return code from the call to the TLMSVC with the PUT option for a type 3 transaction.

Action:

Consult the product documentation for the appropriate MVS tape management system for a detailed explanation. Make sure this volume is defined in the MVS tape management system's database. Also, make sure the volume is marked as an "agent" volume.

CTSD606E

hh:mm:ss **Task** *taskid* **update failed for volume** *volume***, code(***reasoncode***)**

Reason:

CTSDTS was attempting to update the MVS tape management database when an unexpected error occurred.

For CA 1, the value of *reasoncode* is the return code from the TMMPUTVL macro when the ERROR exit is taken.

For CA TLMS, this should not occur.

Action:

Consult the product documentation for the appropriate MVS tape management system for a detailed explanation. Make sure this volume is defined in the MVS tape management system's database. Also, make sure the volume is marked as an "agent" volume.

CTSD607E

***hh:mm:ss* Task *taskid* volume *volser* is not a distributed system tape volume**

Reason:

CTSDTS was attempting to update the MVS tape management database with information of tape volume *volser*. The record exists in the MVS tape management system, but it is not flagged as an agent tape.

Action:

All distributed tape volumes must be marked as "agent" tapes in the MVS tape management database. This is a safeguard to prevent inadvertent updating of mainframe tape information in cases where a distributed tape coincidentally has the same volume serial number as mainframe tape.

For CA 1, turn on the agent flag in all volumes assigned to the remote server. Use the TMSUPDTE utility with the following control statements:

VOL *vol1-vol2*,NODSN,NOINTAL,NOCHAIN REP FLAG5=40

where *vol1* is the first volume of the range and *vol2* is the last volume in the range.

For CA TLMS, turn on the agent flag in all volumes assigned to the remote server. Use the TLMSINQR utility with the following control statement for each volume to be updated:

UPV *vol* AGENT=Y

where *vol* is a volume to be updated.

CTSD608E

hh:mm:ss* Task *taskid* The tape management not accessible for volume *volser

Reason:

The MVS tape management system is not up.

Action:

Start the MVS tape management system.

CTSD609E

hh:mm:ss **Task** *taskid* **encountered a serious environmental problem in the tape management system, code (***reasoncode***)**

Reason:

A crucial element of the MVS tape management system is not currently operational. The exact problem is dependent on the individual MVS tape management system. The value of *reasoncode* explains the problem more specifically.

For CA 1, the values of *reasoncode* are:

2-The TMMOPTMC macro failed to find the TMS vector table.

- 3-The load for the TMSKEYAB module failed.

For CA TLMS, the values of *reasoncode* are:

- 2-The load for the TLMSVMIO module failed.
- 3-The load for the TLMSDBAL module failed.

Action:

For module load failures, make sure the product specific tape management system CTAPLINKs are in the STEPLIB, JOBLIB, or link list. Consult the product documentation for the MVS tape management systems for all other errors.

CTSD610E

hh:mm:ss **Task** *taskid* **The wrong VMF is allocated to DD CAIVMF, volume** *volser* **cannot be processed**

Reason:

The CTSDTS module was attempting to update the CA TLMS Volume Master File (VMF). The VMF update routines have discovered that the VMF allocated to CTS for reading is not the same as the VMF that will be the target of the VMF updates.

Action:

The VMF updates will not be attempted. Make sure the CAIVMF DD statement allocated to the CTS address space is identifying the correct VMF.

CTSD611E

hh:mm:ss **Task** *taskid* **The VMF could not be allocated, volume** *volser* **cannot be processed**

Reason:

The CTSDTS module was attempting to update the CA TLMS Volume Master File (VMF). The VMF update routines attempted to allocate the VMF, but the allocation failed.

Action:

Review the messages in the job log for allocation problems. Consult the CA TLMS product documentation for more details on allocating the VMF.

CTSD612E

hh:mm:ss **Task** *taskid* **Incorrect version of DTIF record for tape system, volume** *volume* **could not be processed**

Reason:

Distributed Tape Inventory Files (DTIF) are formatted with a specific MVS tape management system in mind. The records are formatted as Common Tape Records, but they have fields that are specific to CA 1 and CA TLMS. Records targeted to CA 1 are marked "L052" in the header while records targeted to CA TLMS are marked "TL55" in the header. This message is produced because one of the MVS tape management systems received a DTIF record that was not marked for it.

Action:

Dump the DTIF file in question. Also verify the tape management system settings. In the rare case where you may be running both systems, use the TAPESYS= parameter of the SRVDEF control statements. TAPESYS= identifies the name of the subsystem control block associated with the tape management system. Specify TAPESYS=TMS for CA 1 or TAPESYS=TLMS for CA TLMS.

CTSD613E

hh:mm:ss **Task** *taskid* **Tape management system shows files chained, volume** *volser* **not processed**

Reason:

Agent tapes do not have file chains. The MVS tape system shows the volume currently has a file chain tied to it. The update for volume *volser* is discarded and the MVS database is not updated.

Action:

If the target volume is correctly assigned as an agent tape, remove the file chaining information manually and re-drive the server query.

CTSD614E

hh:mm:ss **Task** *taskid* **Tape management system shows volume chained, volume** *volser* **not processed**

Reason:

Agent tapes do not have volume chains. The MVS tape system shows the volume currently has another volume chained to it. The update for volume *volser* is discarded and the MVS database is not updated.

Action:

If the target volume is correctly assigned as an agent tape, remove the volume chaining information manually and re-drive the server query.

CTSD615I

The DTS definition member being read is *name*

Reason:

Member *name* is being read from the CTAPOPTN library for startup parameters.

Action:

None. This is an informational message.

CTSD620I

***hh:mm:ss* Task *taskid* Audit is filling,waiting for operator to respond to CTSD600I**

Reason:

The audit file is nearing capacity, and action is required by the system operator to correct the situation. This message is logged to show the point in the processing where the condition arose and to mark the time of that event.

Action:

None.

CTSD621I

***hh:mm:ss* Task *taskid* Operator replied"*response*"**

Reason:

The operator replied "*response*" to message CTSD600I. This message marks the time when the operator responded to the CTSD600I message.

Action:

None. This is an informational message.

CTSD622I

***hh:mm:ss* Task *taskid* Resuming updates totape management system**

Reason:

A condition that caused processing to be suspended has been cleared, and processing can resume.

Action:

None. This is an informational message.

CTSD623I

***hh:mm:ss* Task *taskid* Terminating with U008abend**

Reason:

The operator replied "a" to the CTSD600I WTOR to abend this task.

Action:

The updates for this server task will be abandoned.

CTSD624I

hh:mm:ss **Task** *taskid* **Waiting** *number***minutes before trying updates**

Reason:

The system operator replied "w" to the CTSD600I WTOR, and processing will wait *number* of minutes before attempting to resume processing.

Action:

None.

CTSD625I

hh:mm:ss **Task** *taskid* **Unrecognized operatorresponse**

Reason:

The system operator replied to the CTSD600I WTOR, but the reply was not one of the valid choices.

Action:

None.

CTSD650E

hh:mm:ss **Task** *taskid* **The Tape managementsystem is not up**

Reason:

No tape management system is currently active.

Action:

Initialize the tape management system and start the data retrieval session again.

CTSD700 - CTSD799

CTSD700I

hh:mm:ss* Task *taskid* IDCAMS deleterequested for dataset *datasetname

Reason:

A distributed Tape Inventory File has exceeded capacity and will be deleted and allocated with more space.

Action:

None. This is an informational message.

CTSD701I

hh:mm:ss* Task *taskid* IDCAMS return code is*returncode

Reason:

IDCAMS has been called to delete a Distributed Tape Inventory File, and the return code is *returncode*.

Action:

None. This is an informational message.

CTSD702W

***hh:mm:ss* Task *taskid*abended*abendcode* - recovery is being attempted**

Reason:

A processing subtask has detected an abend attempting to add data to the Distributed Tape Inventory File.

Action:

The file will be deleted and a new file allocated with appropriate space. This is a recoverable condition, and processing will resume.

CTSD703I

*hh:mm:ss ----- **Command received:(*command*)**

Reason:

A command was received from the console or scheduling component.

Action:

None. This is an informational message.

CTSD704E

MSGLEVEL value must be a numeric value 0 to 9

Reason:

The MSGLEVEL specification was not a 1 character numeric value.

Action:

Specify a 1 character numeric value. A value of 0, the default,suppresses less important messages. The larger the number, the more messages you should expect. A value of 9 should be used only in debugging scenarios.

CTSD705W

*hh:mm:ss ----- **The previous command is not valid**

Reason:

A command was received from the console but is not recognized.

Action:

Verify the command. Refer to the documentation for validcommands that can be issued.

CTSD706I

*hh:mm:ss ----- **MSGLEVEL changed to *number*from *number***

Reason:

A command to change the MSGLEVEL was received from the console.

Action:

None. This is an informational message.

CTSD707E

TAPESYS must be specified as TMS or TLMS

Reason:

The operand of the TAPESYS keyword was not TMS or TLMS.

Action:

Specify the correct tape system name.

CTSD708W

TAPESYS *name* specified but it is not active

Reason:

The tape management system that was specified is not active.

Action:

Start the tape management system.

CTSD709W

Tape management system must be started

Reason:

There is no tape management system active and no distributed tape processing can occur.

Action:

Start the tape management system.

CTSD710I

list_line

Reason:

A "list" command was entered from the console.

Action:

None. The results of the list command are displayed with this message identifier.

CTSD711E

No valid SRVDEF statements were found

Reason:

No valid SRVDEF statements were found while processing the CTAPOPTN member.

Action:

Make sure all comment statements start with '/*' and end with '*/'.

CTSD712E

No NAME was given for the LOG command

Reason:

A LOG command was issued from the console to enable logging for a particular SRVDEF, but no NAME operand was specified.

Action:

Specify a NAME keyword and operand for the LOG command.

CTSD713E

SRVDEF *name* was not found in the SRVDEF table

Reason:

The NAME specification on the LOG command was not previously defined on a SRVDEF definition.

Action:

Issue the LOG command with a valid SRVDEF name.

CTSD714I

Logging turned on for SRVDEF *name*

Reason:

Logging has been enabled for the SRVDEF definition specified on the LOG command.

Action:

None. This is an informational message.

CTSD715I

Logging turned off for SRVDEF *name*.

Reason:

Logging has been disabled for the SRVDEF definition specified onthe NOLOG command.

Action:

None. This is an informational message.

CTSD716I

All processing subtasks are idle.

Reason:

Before entering a wait state, CTSDTS has determined that all processing subtasks are idle.

Action:

None. This is an informational message.

Chapter 11: CTSDEU - Data Erase Utility Messages

This chapter describes all the data erase utility messages.

CA$F001 - CA$F099

CA$F003E

OPEN UNSUCCESSFUL ON FILE - xxxxxxxx

Reason:

An OPEN was unsuccessful for the file listed in the message.

Action:

Ensure that the file's DD statement is coded properly in the JCL and restart the job that issued this message (CTS or CTSDEU). See CA$F004E if it accompanies this message.

CA$F200 - CA$F299

CA$F200E

TAPE IS OUT OF RANGE

Reason:

The volser is not defined in the Tape DB valid range.

Action:

Check to see that the volser being used is defined or in inactive (DELETE) status within the CA tape database.

CA$F201E

TAPE EXCP CCW WAS REJECTED

Reason:

The CCW to erase the tape was rejected.

Action:

None. This is an informative message.

CA$F202E

TAPE IS OUT OF RANGE

Reason:

The volser is not defined to the Tape DB.

Action:

Check that the volser being used is defined with the CA Tape database.

CA$F203E

TAPE MOUNTED IS NOT FIRST OF SET.

Reason:

Volume mounted is not the first of a chain.

Action:

The volume is demounted.

CA$F204I

TAPE EXPDT IS IN THE FUTURE.

Reason:

Volume has an EXPDT in the future.

Action:

None. This message is informational only.

CA$F205W

VOLUME IS A VIRTUAL TAPE

Reason:

Virtual volumes cannot be erased by CTSDEU.

Action:

None. This is an informative message only.

CA$F206E

TAPE DB AND TAPE HDR DSN ARE NOT EQUAL

Reason:

The dataset name on the tape header does not match the dataset within the Tape DB.

Action:

Ensure that the correct volume was mounted.

CA$F207E

TAPE EXCP CCW WAS REJECTED

Reason:

The CCW (CCW 97) to erase the tape was rejected.

Action:

Tape controller is not supported or CCW 97 is not available at the current operating system level.

CA$F208E

TAPE IS WRITE PROTECTED.

Reason:

The write ring or write indicator is missing.

Action:

Insert a write ring or turn on write indicator.

CA$F211E

ERROR UPDATING DATABASE.

Reason:

Unable to update the tape database.

Action:

Ensure CA Tape management is active.

CA$F212E

TAPE COULD NOT BE PROCESSED.

Reason:

The file squence on a nonlabel tape was invalid. CTSDEU found a tape mark when it was expecting data.

Action:

Check that the correct tape was mounted.

CA$F220R

XXXXXXX, ENTER VSN

Reason:

This message is issued with the ERASE option. The volume serial number is unknown.

Action:

Supply the volume serial number to CTSDEU.

CA$F221E

TAPE EXCP CCW WAS REJECTED

Reason:

The Channel Command Word 97 (CCW 97) issued to erase the tape was rejected. This problem is rare and only occurs on tape devices emulating IBM drives that do not fully support all CCWs.

Action:

Check with the vendor of the tape unit as to why the erase CCW is not supported. If possible run the job on a different tape unit.

Chapter 12: CTSS - SCHD Messages

This chapter describes all the SCHD messages.

CTSS400 - CTSS499

CTSS401I

CTSSCHD is starting up at *hh:mm:ss* language selected is *language*

Reason:

The CTS scheduler task CTSSCHD is being started.

Action:

None. This is an informational message.

CTSS405I

Message ID *text* not found, variables:(*variable*)

Reason:

CTSSCHD is attempting to issue a message but the text of that message is not in the current language table. *messageID* is the ID of the missing message. The list of variables that were to be edited into the message are displayed as keywords with values assigned in the string *variables*. This is an internal error.

Action:

Processing continues. Notify Technical Support with this error. Contact Technical Support at http://ca.com/support for assistance.

CTSS406I

Message ID *text* in error, variables:(*variables*)

Reason:

CTSSCHD is attempting to issue a message but an unexpected error occurred during processing. *messageID* is the ID of the message. The list of variables that were to be edited into the message are displayed as keywords with values assigned in the string *variables*. This is an internal error.

Action:

Processing continues. Notify Technical Support with this error. Contact Technical Support at http://ca.com/support for assistance.

CTSS412E

CTSSCHD is not starting due to control statement errors

Reason:

Errors were found in the control statements that prevent the scheduler from starting.

Action:

This message is preceded by other messages that describe the problems found. Correct the control statement input and restart.

CTSS413I

----- Input from the CTAPOPTN library -----

Reason:

Control statements are being read from the CTAPOPTN library.

Action:

None. The control statements being read will follow this message.

CTSS418E

The length of the name operand is greater than 24

Reason:

The operand of the NAME keyword was greater than 24 characters.

Action:

Specify a NAME that does not exceed 24 characters.

CTSS421E

The length of the TOD operand is greater than 5

Reason:

The TOD operand was not specified correctly.

Action:

Specify a TOD value in the format of HH.MM.

CTSS422E

The length of the DOW operand is invalid.

Reason:

The DOW operand is specified incorrectly.

Action:

Refer to the documentation for the DOW specification.

CTSS448E

The preceding control statement has an invalid character(above the $)

Reason:

An invalid character has been encountered on the above statement.

Action:

The $ will identify the invalid character. Correct the invalid control statement.

CTSS449I

***hh:mm:ss* CTSSCHD is shutting down**

Reason:

A request to shut the scheduler has been received.

Action:

None. This is an informational message.

CTSS450E

Parse error - return code is *returncode*, reason code is *reasoncode*

Reason:

An internal error has occurred parsing the control statements.

Action:

Notify Technical Support with this error. Contact Technical Support at http://ca.com/support for assistance.

CTSS451E

Schedule definition *name*, is a duplicate - ignored

Reason:

The name of a schedule has already been used.

Action:

All schedule entries, with the exception of group names, must be unique. Change the duplicate entry to have a unique name.

CTSS452E

Table manager error for *table* retcd=*returncode*, reason code=*reasoncode*, info code= *infocode*

Reason:

An internal error has occurred in table processing.

Action:

Notify Technical Support with this error. Contact Technical Support at http://ca.com/support for assistance.

CTSS453E

A group specification cannot be continued

Reason:

A continuation was encountered on a group specification.

Action:

The group specification may not be continued. However, multiple group definitions are allowed using the *same* name.

CTSS454E

A group specification may only contain 8 schedules

Reason:

A group specification was encountered that had more than 8schedules.

Action:

Specify the group with 8 schedules or less. Another group statement may be defined with the same name and more schedules to facilitate a group containing more than 8 schedules.

CTSS455I

Schedule *name* has already been specified for group *name* - ignored

Reason:

A schedule has already been specified as a member of the particular group.

Action:

Remove the redundant name.

CTSS456E

The object of the WHEN statement is greater than 24 characters

Reason:

The object of a WHEN statement contained more than 24 characters.

Action:

Specify a WHEN object that contains 24 or less characters.

CTSS457E

There was no TASK specified for the preceding input statement

Reason:

A WHEN statement was encountered, but there was no task specified to notify.

Action:

A WHEN statement must have a CTS task to notify. Specify a valid CTS task on the WHEN statement.

CTSS458E

The TASK specified was longer than 4 characters

Reason:

A TASK operand on a WHEN statement contained more than 4characters.

Action:

CTS task names may only be up to 4 characters in length. Specify a valid CTS task name 4 characters or less.

CTSS460E

MSG text is too long for the WHEN statement

Reason:

A WHEN statement was encountered that contained a MSG operand that was greater than 80 characters.

Action:

Specify a MSG operand that contains 80 characters or less.

CTSS461E

There was no NAME specified for the SCHD statement

Reason:

A SCHD statement was encountered with no NAME operand.

Action:

Specify a NAME for the schedule statement.

CTSS462I

Entry name *name* already has an action for a task *taskid* - ignored

Reason:

A duplicate WHEN statement has been encountered by the table manager.

Action:

This is an internal error. Notify Technical Support with this error. Contact Technical Support at http://ca.com/support for assistance.

CTSS463E

The group name *groupname* is a duplicate of schedule *schedname*

Reason:

The name of a group is already being used as the name of a schedule.

Action:

Specify a group name that is not the name of a schedule.

CTSS464E

The schedule name *schedname* specified on group *groupname* was not defined

Reason:

A schedule name on a group statement is not defined.

Action:

Define the missing schedule, or remove the schedule name from the group statement.

CTSS465E

When object *schedname* was not defined in a schedule or a group entry

Reason:

The object of a WHEN statement is not defined as a schedule or a group.

Action:

Specify a group name or schedule name as the object of a WHEN statement.

CTSS466I

Schedule table: Name=*schedname* TOD=*hh.mm*DOW=*dayofweek*

Reason:

A list command was received, and the schedule table is listed.

Action:

None. This is an informational message.

CTSS467I

Group table: Group name=*groupname* Schedule=*schedname*

Reason:

A list command was received, and the group table is listed.

Action:

None. This is an informational message.

CTSS468I

WHEN table: WHEN name=*name*, TASK=*taskid*,CMD=*command*

Reason:

A list command was received, and the WHEN table is listed.

Action:

None. This is an informational message.

CTSS469E

TOD value *text* is not valid - it must be specified HH.MM and be a valid time of day value

Reason:

The TOD operand is not valid.

Action:

Specify a valid TOD operand in the format HH.MM.

CTSS470I

Timer table; TOD=*hh.mm*, Schedule name=*schedname*

Reason:

A list command was received, and the Timer table is listed.

Action:

None. This is an informational message.

CTSS471E

hh:mm:ss **CTSSCHD is ending due to control statement errors**

Reason:

Errors in the control statements prevent the schedule from starting.

Action:

There will be messages that precede this message that identify the errors in the control statements. Correct the errors and restart.

CTSS472I

hh:mm:ss **Command (*command*) has been issued to CTS task *taskid* for event *eventname***

Reason:

A schedule has expired, and a command has been issued to a CTS task. The *eventname* may be a schedule name or a group name.

Action:

None. This is an informational message.

CTSS473I

hh:mm:ss **An event has been scheduled for *hh.mm***

Reason:

The system timer has been set to expire at *hh.mm*

Action:

None. This message indicates the next time a timer expiration will occur.

CTSS474I

hh:mm:ss **Event expiration TOD value is *value***

Reason:

A list command has been received and the timer table is being listed.

Action:

None. This is an informational message.

CTSS475E

Unknown keyword in previous statement

Reason:

A control statement has been encountered that contains an unknown keyword.

Action:

Correct the control statement and restart.

CTSS476I

hh:mm:ss **A missed timer event** *schedname* **is being executed**

Reason:

Due to an unknown system delay, a timer event has been missed and the associated schedules are being triggered.

Action:

This message indicates that there was an unknown system delay and that normal timer execution was suspended for some period of time. The schedule attempts to catch up, triggering the missed entries. This condition should be investigated using the console log to identify the cause of the delay.

CTSS477I

hh:mm:ss **Expired timer is being processed for** *schedname*

Reason:

The timer has expired and the associated when entry is being processed.

Action:

None. This is an informational message.

CTSS478I

hh:mm:ss **Day rollover - processing remaining entries**

Reason:

An unknown system delay has been detected and the clock has rolled past midnight. Any entries that were missed due to this delay are now being processed.

Action:

This message indicates there was a problem that resulted in the scheduler not being dispatched properly. The schedule will process the missed entries, but the console log should be inspected to identify the source of the delay.

CTSS479I

hh:mm:ss **Setting an event for 00.00 to rebuild the schedule**

Reason:

There are no more timer requests to queue up for the current day, and the schedule is scheduling a request for midnight to rebuild the timer request queue for the following day.

Action:

None. This is an informational message.

CTSS480I

hh:mm:ss **The timer schedule has been rebuilt for** *dayofweek*

Reason:

Midnight has occurred, and the timer request queue has been constructed for the next 24 hour period.

Action:

None. This is an informational message.

CTSS600 - CTSS699

CTSS615I

The SCHD definition member being read is *name*

Reason:

Member *name* is being read from the CTAPOPTN library to start the scheduler.

Action:

None. This is an informational message.

CTSS616W

hh:mm:ss* Command (*command*) was not received by task *taskid

Reason:

An event has expired and the associated msg was sent to the specified CTS task, but the CTS task did not receive the message.

Action:

This indicates that the associated CTS task is not started. Ensure the target CTS task is started.

CTSS617E

No TOD value or GROUP specification in the preceding SCHD statement

Reason:

A SCHD statement was encountered that had no specified GROUP or TOD value.

<s>

A SCHD statement must specify either a TOD value, indicating a discrete schedule, or a GROUP operand, indicating a group. Specify either a TOD value or a GROUP operand.

New Topic (97)

Syntax error denoted by $ in above statement

Reason:

There was a syntax error in the preceding statement, identified by $.

Action:

Correct the above statement and restart.

CTSS619E

The first character in the NAME operand must not be numeric

Reason:

The first character of a NAME operand was numeric and this is not allowed.

Action:

Change the NAME operand to place a valid alphabetic character in the first position.

CTSS620E

The DOW specification is in error

Reason:

The DOW specification does not conform to the constraints.

Action:

See the documentation on the DOW specification. Correct the DOW specification and restart.

CTSS621I

hh:mm:ss **Command received:(***command***)**

Reason:

The scheduler received a console command.

Action:

None. This is an informational message.

CTSS622E

hh:mm:ss **Command not recognized: (***command***)**

Reason:

The scheduler received an unknown console command.

Action:

See the documentation for accepted console commands.

Chapter 13: Health Check Messages

This chapter describes the Health Check messages.

TLMSH0000 - TLMSH0099

TLMSH0011E

TLMSH0011E The CA TLMS queue is inactive and CA TLMS cannot process requests.

Reason:

The CA TLMS queue must be active to process any transactions under CTS.

Action:

This message is issued by the CA TLMS Health Check component which provides extensive detail on the problem encountered and the suggested response. The following actions and responses are documented for this check:

System Action

No updates will be made to the VMF. If the CA TLMS option NOTLMS=ABEND is specified in the TLMSIPO, then tape mounts will be rejected with a CAT9040I message.

Operator Response

If CA TLMS has been intentionally stopped, the operator should stop all tape jobs. If CA TLMS was not intentionally stopped start the CTS task with the "S CTS" command.

System Programmer Response

Determine why CA TLMS was stopped and correct the problem.

Problem Determination

Issue a "F CTS,STATUS" to determine if CA TLMS is active. If it is not active, contact the System Programmer.

Source

CA TLMS Tape Management System

Reference Documentation

CA TLMS *Configuration Guide*

TLMSH0021E

The CA TLMS VMF and ALOG files should not be on the same disk volume.

Reason:

The CA TLMS ALOG records tape transactions as they are processed by CA TLMS. If the VMF is lost or becomes damaged, it is normally restored by restoring the most recent VMF backup and then using the data in the ALOG to recover the most recent tape activity. Since the ALOG and the VMF are on the same volume, both the VMF and ALOG can be lost if the volume fails. In this case the data in the VMF cannot be restored unless you are capturing the SMF type 14, 15 and 21 records.

Action:

This message is issued by the CA TLMS Health Check component which provides extensive detail on the problem encountered and the suggested response. The following actions and responses are documented for this check:

System Action

CA TLMS will continue processing.

Operator Response

Notify the systems programmer of this exposure.

System Programmer Response

Either the VMF or the ALOG data set should be moved to a different non-SMS controlled volume.

Problem Determination

Verify that the data sets specified in your CTS procedure for the CAIALOG and CAIVMF DD statements are on different volumes.

Source

CA TLMS Tape Management System

Reference Documentation

CA TLMS Tape Management Configuration Guide, chapter titled "Utilities and Procedures"

TLMSH0031E

The CA TLMS is running out of AUX records

Reason:

AUX record information from your Volume Master File (VMF)
DSN=ASM.TLMSDV.VMF
VOL=MVXE90

```
Total AUX Records:             2,051
Used AUX Records:              1,588 (77%)
Free AUX Records:                463 (23%)
WARNING Threshold:             2,001
Cushion Records:          50
Critical Threshold:            2,039 (99%)
```

The CA TLMS AUX records are used to store information about secondary files on tape. It is critical that AUX records be available during tape processing.

The current utilization level meets or exceeds the critical threshold. If there are no AUX records left when a production job creates a secondary tape file, the information for tracking that file will be lost. The information concerning the volume itself will be retained, but important information on the secondary files such as their names and their expiration dates will be lost. That information can be added in manually after new AUX records become available.

```
        Threshold Values

        ----------------
WARNING Threshold - Set with the WARNING= value of CATVMFI utility when the VMF is
defined.  The WARNING= value specifies the number of AUX records used that will trigger
the normal CA TLMS warning message.

        Critical Threshold - Computed from the WARNING threshold as follows:
        Cushion Records   = Total - WARNING
        Cushion Threshold = Cushion Records * CUSHIONTHRESH / 100
        Critical Threshold = WARNING + Cushion Threshold
```

Action:

This message is issued by the CA TLMS Health Check component which provides extensive detail on the problem encountered and the suggested response. The following actions and responses are documented for this check:

System Action

CA TLMS continues to process and protect tapes.

Operator Response

Notify the system programmer of this AUX record shortage. You may have to quiesce tape processing until this condition is cleared up.

System Programmer Response

The CA TLMS Volume Master File (VMF) needs to be extended. Until the number of free AUX records is increased, you should carefully monitor the creation of new tapes that have secondary files. That is, new tapes can be created as long as there is only one file per tape. That type of processing does not require any AUX records.

At your earliest possible opportunity, you must increase the size of the VMF. The normal sequence of events is:

1. Quiesce tape processing

2. Bring down CA TLMS (P CTS)

3. Back up the VMF

4. Allocate a new, larger VMF

5. Restore the VMF

6. Bring CA TLMS back up (S CTS)

Note: This health check runs in the CTS address space. When you shut down CTS in step 2 above, this health check will shut down. To print off this health check message for later reference, use the HZSPRNT utility.

Problem Determination

N/A

Source

CA TLMS Tape Management System

Reference Documentation

CA TLMS Tape Management Configuration Guide, Chapter 6

TLMSH0041E

The CA TLMS is running low on AUX records

Reason:

AUX record information from your Volume Master File (VMF)
DSN=ASM.TLMSDV.VMF
VOL=MVXE90

```
Total AUX Records:          2,051
Used AUX Records:           1,588 (77%)
Free AUX Records:             463 (23%)
WARNING Threshold:          2,001
Cushion Records:        50
Serious Threshold:          2,039 (99%)
```

The CA TLMS AUX records are used to store information about secondary files on tape. It is critical that AUX records be available during tape processing.

The current utilization level meets or exceeds the serious threshold. If there are no AUX records left when a production job creates a secondary tape file, the information for tracking that file will be lost. The information concerning the volume itself will be retained, but important information on the secondary files such as their names and their expiration dates will be lost. That information can be added in manually after new AUX records become available.

```
        Threshold Values
        ----------------
```

WARNING Threshold - Set with the WARNING= value of CATVMFI utility when the VMF is defined. The WARNING= value specifies the number of AUX records used that will trigger the normal CA TLMS warning message.

```
        Serious Threshold - Computed from the WARNING threshold as follows:
        Cushion Records   = Total - WARNING
        Cushion Threshold = Cushion Records * CUSHIONTHRESH / 100
        Serious Threshold = WARNING + Cushion Threshold
```

Action:

This message is issued by the CA TLMS Health Check component which provides extensive detail on the problem encountered and the suggested response. The following actions and responses are documented for this check:

System Action

CA TLMS continues to process and protect tapes.

Operator Response

Notify the system programmer of this AUX record shortage. You may have to quiesce tape processing until this condition is cleared up.

System Programmer Response

The CA TLMS Volume Master File (VMF) needs to be extended. Until the number of free AUX records is increased, you should carefully monitor the creation of new tapes that have secondary files. That is, new tapes can be created as long as there is only one file per tape. That type of processing does not require any AUX records.

At your earliest possible opportunity, you must increase the size of the VMF. The normal sequence of events is:

1. Quiesce tape processing

2. Bring down CA TLMS (P CTS)

3. Back up the VMF

4. Allocate a new, larger VMF

5. Restore the VMF

6. Bring CA TLMS back up (S CTS)

Note: This health check runs in the CTS address space. When you shut down CTS in step 2 above, this health check will shut down. To print off this health check message for later reference, use the HZSPRNT utility.

Problem Determination

N/A

Source

CA TLMS Tape Management System

Reference Documentation

CA TLMS Tape Management Configuration Guide, Chapter 6

TLMSH0051E

There have been nnn update failures to the VMF within the last hour. CA TLMS could not properly update the VMF.

Reason:

If CA TLMS cannot record all the required information for a tape transaction in the VMF, it will issue a CAT9005E message with a return code of '4'. This error may be due to bad data in a transaction or problems the VMF. If it is a problem with the VMF the system programmer may need to take some corrective action.

Action:

This message is issued by the CA TLMS Health Check component which provides extensive detail on the problem encountered and the suggested response. The following actions and responses are documented for this check:

System Action

CA TLMS continues to process tapes, however the data related to the errors may be unavailable. These errors will be reported hourly, after which the counters in this check will be reset.

Operator Response

Notify the systems programmer is tape jobs have failed during the same time period.

System Programmer Response

Determine if there is an error with the VMF and correct if necessary.

Problem Determination

N/A

Source

CA TLMS Tape Management System

Reference Documentation

CA TLMS Tape Management Configuration Guide, Chapter 6

TLMSH0061E

The CA TLMS option NOTLMS is set to CONT, which allows tape jobs to continue to run even though CA TLMS is available to update the VMF.

Reason:

When CA TLMS is active it records information about tape data sets when they are opened and closed. CA TLMS uses this information to protect the tapes from being over written and may also call an external security system to determine a user's right to access the tape file.

When CA TLMS is not active and NOTLMS=ABEND is specified, input tape jobs will abend and output volumes will be rejected. This prevents tapes from being accessed or created when CA TLMS cannot protect them.

When CA TLMS is not active and NOTLMS=CONT is specified, jobs that read or write to tape datasets will be allowed to continue. CA TLMS will not record information about new tape data sets and can no longer protect them. Since CA TLMS is not active it cannot stop the tape data sets from being read or over written.

Action:

This message is issued by the CA TLMS Health Check component which provides extensive detail on the problem encountered and the suggested response. The following actions and responses are documented for this check:

System Action

> Tape jobs continue to process but without the protection of CA TLMS. Tapes which should be protected may be over written. Unauthorized user may be able to read tape file data.

Operator Response

> Notify the system programmer of potential loss of data.

System Programmer Response

> Change the NOTLMS option to ABEND unless special conditions warrant operating without a tape management system. The CA TLMS option will need to be reloaded after change to the CA TLMS options. Execute CAS9 with a Parm of REINIT specified for CA TLMS.

Problem Determination

> Run TLMSSTAT to determine the current settings for the options.

Source

> CA TLMS Tape Management System

Reference Documentation

> *CA TLMS Tape Management Configuration Guide*, Chapter 2

TLMSH0071E

The CA TLMS option PROTECT is set to SELECT. If a system crash occurs, volumes that were actively being written to are not protected from being reused by another application.

Reason:

CA TLMS will not apply the TLMSII-CRASH-PROTECT dataset name to the tape during open processing. The scratch indicator will remain set to scratch until the close of the volume.

Action:

This message is issued by the CA TLMS Health Check component which provides extensive detail on the problem encountered and the suggested response. The following actions and responses are documented for this check:

System Action

Tape jobs will continue to run but if CA TLMS ABENDs it will not protect the tape from being overwritten at a later time.

Operator Response

Notify the system programmer of this alert.

System Programmer Response

Change the option PROTECT from SELECT to ALL and reload the options by executing CAS9 with a PARM of REINIT specified for CA TLMS.

Problem Determination

Run TLMSSTAT to the current values of to the CA TLMS options.

Source

CA TLMS Tape Management System

Reference Documentation

CA TLMS Tape Management Configuration Guide, Chapter 2 , "System Options"

TLMSH0081E

The CA TLMS option RECOVRY is set to NONE. If a VMF recovery is required, transactions recorded since the last full VMF backup will be lost.

Reason:

In the event the VMF is lost or damaged, its data cannot be recovered by using the last VMF backup and CA TLMS recovery records. The CA TLMS recovery records are transactions that are written to the alternate log (ALOG) or which may also be written as SMF user records. The ALOG is the recommended method.

Action:

This message is issued by the CA TLMS Health Check component which provides extensive detail on the problem encountered and the suggested response. The following actions and responses are documented for this check:

System Action

Tape jobs will continue to run but if the VMF is lost or damaged, there will be no way to recover the data recorded since the last backup of the VMF.

Operator Response

Notify the systems programmer of a potential problem recovering the VMF.

System Programmer Response

Select either the ALOG or SMF as a recovery method. For the SMF method, specify a SMF record number in the CA TLMS option LOGID. Then set RECOVRY=SMF. For the ALOG method, format an ALOG data set and uncomment the CAIALOG DD statement in the CTS PROC. Then set RECOVRY=ALTLOG. You will need to reload the CA TLMS options to activate the new options.

Problem Determination

Run TLMSSTAT to determine the current values of the CA TLMS options.

Source

CA TLMS Tape Management System

Reference Documentation

CA TLMS Tape Management Configuration Guide, Chapter 2

TLMSH0082E

The CA TLMS option RECOVRY is set to SMF. If a VMF recovery is required, transactions recorded since the last full VMF backup will be more difficult to recover than from the ALTLOG.

Reason:

In the event the VMF is lost or damaged, its data cannot be recovered by using the last VMF backup and CA TLMS recovery records. The CA TLMS recovery records are transactions that are written to the alternate log (ALOG) or which may also be written as SMF user records. The ALOG is the recommended method because it contains only CA TLMS transactions. For RECOVRY=SMF, The CA TLMS transactions will be scattered among many, many SMF records and will probably be on more than tapes than would be the case for ALTLOG.

Action:

This message is issued by the CA TLMS Health Check component which provides extensive detail on the problem encountered and the suggested response. The following actions and responses are documented for this check:

System Action

Tape jobs will continue to run but if the VMF is lost or damaged, recovery of the VMF must be done with SMF records and the last backup of the VMF.

Operator Response

Notify the systems programmer of a potential problem recovering the VMF.

System Programmer Response

Select either the ALOG as the recovery method, format an ALOG data set and uncomment the CAIALOG DD statement in the CTS PROC. Then set RECOVRY=ALTLOG. You will need to reload the CA TLMS options to activate the new options.

Problem Determination

Run TLMSSTAT to determine the current values of the CA TLMS options.

Source

CA TLMS Tape Management System

Reference Documentation

CA TLMS Tape Management Configuration Guide, Chapter 2 , "System Options"

TLMSH0091E

The CA TLMS option SECOPN is set to NO. Your tapes are not protected from unauthorized access.

Reason:

If the CA TLMS option SECOPN is set to NO, unauthorized users may be able to create or read tape files which the security system would have prevented.

Action:

This message is issued by the CA TLMS Health Check component which provides extensive detail on the problem encountered and the suggested response. The following actions and responses are documented for this check:

System Action

Tape jobs continue to run but CA TLMS will not call the external security system at volume open. The security system will not be able to control access to the data set.

Operator Response

Notify the system programmer of the potential security problem.

System Programmer Response

If CA Top Secret, CA ACF2, or IBM RACF are installed, verify that the proper security system rules are in place to protect tape data sets. Then set SECOPN=YES and reload the CA TLMS option table by executing CAS9 with a PARM of REINIT specified for CA TLMS.

Problem Determination

Run TLMSSTAT to determine the setting for TLMSIPO options. Verify that the security system has rules to protect tape data sets.

Source

CA TLMS Tape Management System

Reference Documentation

CA TLMS Tape Management Configuration Guide, Chapter 2 , "System Options"

TLMSH0100 - TLMSH0199

TLMSH0101E

The CA TLMS option SECURE is set to NO. CA TLMS will not issue any security calls to tape open, close or access to CA TLMS through ISPF.

Reason:

The CA TLMS option SECURE will globally override all calls to the installed external security system (CA Top Secret, CA ACF2, or IBM RACF). Options, INQACC, BLPSEC, NLSEC, FORSEC, NSLSEC, SECEXIT, SECOPN, and SECCLS are ignored regardless of their setting.

Action:

This message is issued by the CA TLMS Health Check component which provides extensive detail on the problem encountered and the suggested response. The following actions and responses are documented for this check:

System Action

Tape jobs continue to run but CA TLMS will not call the security systems for INQACC, BLPSEC, NLSEC, FORSEC, NSLSEC, SECEXIT, SECOPN, and SECCLS options. Unauthorized users may be able to read or write tape file data because only the last17 characters of the data set name is stored in the tape label.

Operator Response

Notify systems programmer of potential security problems.

System Programmer Response

If CA Top Secret, CA ACF2, or IBM RACF is installed and have been updated to create security rules to protect your tape files, set the CA TLMS option to SECURE=YES. This will enable security options INQACC, BLPSEC, NLSEC, FORSEC, NSLSEC, SECEXIT, SECOPN, and SECCLS which you can set for your needs. You will need to reload the CA TLMS options to activate these changes by executing CAS9 with a PARM of REINIT.

Problem Determination

Run TLMSSTAT to determine the current settings for your security options.

Source

CA TLMS Tape Management System

Reference Documentation

CA TLMS Tape Management Configuration Guide, Chapter 2 , "System Options"

TLMSH102E

#HCHECK FUNCTION=CHK-MSG failed RC=xxxx with R0=xxxx

Reason:

A TLMS health check received an error when calling the CA Health Checker Common Services function CHK-MSG.

Action:

Check the accompanying CA Health Checker Common Services messages to determine the problem.

TLMSH0900 - TLMSH0999

TLMSH0997E

Your CA TLMS system has not been properly initialized. This health check module cannot perform its health check.

Reason:

During the IPL process, the job TLC6INIT must be run to place required control information into common storage. This health check requires these structures in common storage to perform its check.

Action:

This message is issued by the CA TLMS Health Check component which provides extensive detail on the problem encountered and the suggested response. The following actions and responses are documented for this check:

System Action

Your tape data is not being protected or monitored by CA TLMS.

Operator Response

Notify the systems programmer of this exposure.

System Programmer Response

Run the CA TLMS TLC6INIT started task.

Problem Determination

You can use the CA TLMS ISPF panels to display the current values of all your CA TLMS options along with other information about the CA TLMS Tape Management system.

Source

CA TLMS Tape Management System

Reference Documentation

CA TLMS Tape Management Configuration Guide

TLMSH0998E

Your CA TLMS subtask is not running in the CTS address space. The health check module cannot perform its health check.

Reason:

After the job TLC6INIT has been run and created TLMS control information, procedure CTS is run to create the common tape address space. TLMS is started as a subtask in the CTS address space.

Action:

This message is issued by the CA TLMS Health Check component which provides extensive detail on the problem encountered and the suggested response. The following actions and responses are documented for this check:

System Action

Your tape data is not being protected or monitored by TLMS.

Operator Response

Ensure that the CTS address space is active and that the TLMS subtask is running. Issue a 'F CTS,D A' to display the active CTS subtask. If a TLMS subtask is not active, issue a 'F CTS,S TLMS' to activate TLMS. If CTS or TLMS will not start or fails after starting, notify the system programmer.

System Programmer Response

Determine why TLMS or CTS is failing and take corrective action.

Problem Determination

ABENDs in CTS and its subtask will be written to the CTS SYSOUT class with the CTS job name. Additional diagnostic can also the written to SYSOUT by issuing 'F CTS,SPINOFF LOG' and 'F CTS,SPINOFF SNAP' commands.

Source

CA TLMS Tape Management System

Reference Documentation:

CA TLMS Tape Management Configuration Guide

Chapter 14: User Abend Codes

CA TLMS and its components issue user abend codes when processing can no longer continue. The user abends are listed in numerical order by the abend code. Each is accompanied by an explanation of the cause.

Locating Abend Codes

Locating Abend Codes

The system can produce a system user dump (SYSUDUMP) when a job abends. To find the abend code, inspect the TCB completion code. This code is usually on the first page of the dump, on the first line of the TCB control block information, in this format:

CMP=nnsssuuu

Where:

sss

System completion code

uuu

User abend code in hexadecimal

If you need assistance regarding the abend, retain a printout of the dump and contact CA TLMS Technical Support.

Abend Codes

S0CB

TLMSRMUP: Error from ISAM bridge

S0C1

TLTPMAIN: Invalid screen load

S0C9

TLMSRPTS, TLMSUPDT:

U0001

CASUHLP0: Terminate after error message

U0002

CTSTAPER: DD statement missing

U0004

CTSSYNCH: Invalid EXEC parameter field in the JCL

U0006

CTSSYNCH: Error in input control statements or in records input to the program. The errors are noted on the report produced by the job.

U0010

TLTPISP3: Bad return code from TPUT

U0011

TLTPISP3: Bad return code from TGET

U0012

TLTPISP1: Terminate after error message

U0016

TLTPISP1: Terminate after error message

U0041

TLMSALOG: Unsuccessful OPEN

U0111

TLMSMAIN, TLMSINQR: CTS requested cancel

U0122

CTSTAPER: The reply to CAT8841P or CAT8842P was C to cancel

TLMSNITT: Simulated operator request cancel with dump

U0141

TLMSALOG: Unsuccessful OPEN

U0172

TLMSVMRW: Record or I/O function failed program's validation

U0222

TLMSNITT: Simulated operator request cancel without dump

TLMSMODV: Simulated operator cancel without dump

U0241

TLMSALOG: Unsuccessful OPEN

U0341

TLMSALOG: Unsuccessful BDAM OPEN for log

U0441

Unsuccessful OPEN

U0500

TLTPCTLG: CA Dynam Catalog not found

U0541

TLMSALOG: Unsuccessful OPEN

U0888

TLMSMAIN: Caller SUPERNOVA, abend request

TLMSOCAP: Logic Error. See accompanying message

U09xx

TLMSSECU: Security errors (xx is the SVC number)

U0990

TLMSTRGM: Requested table size too large

U0991

TLMSEXIT: Initialization or exit load errors. TLMSEXIT (exits loader) could load specified exit if exit is in TLMSMAIN - TLMSXUPD or TLMSXLAB is missing.

TLMSTRS - TLMSXTRS is missing.

TLMSTRS, TLMSINQR, TLMSTSO or TLMSXCMD is missing.

Note: Ensure all modules with X in the 5th character are in the active load library or LNKLST.

U0992

TLCMDSEC: INIT or TERM parameter list error

U0999

CTSTAPER: I/O control block not found

TLMSBKUP: Bad open for ALOG

TLMSNITT: Logic error

TLMSVMRW: Bad OPEN or CLOSE for VMF. Also certain Message and Control record functions failed validation.

U1001

Issued by the CTSDEU utility. Indicates some error in the job setup. Either the ddname SYSUT1 was not found in the TIOT or SYSUT1 pointed to a non-tape device.

U1002

Issued by the CTSDEU utility. Indicates an error in reading the JFCB for SYSUTL. The error from the JVCB macro will be in register 15.

U1401

TLMSSVCR: SVC route code out of range (0-40).

U1402

TLMSSVCR: SVC route code in range, inactive.

U1403

TLMSSVCR: SVC call not from valid caller.

U1404

TLMSSVCR: TLMSIPO not loadable.

U2003

Issued by the CTSDEU utility. Indicates that the program did not understand the tape label it read.

U2004

Issued by the CTSDEU utility. Indicates that the program read an EOV label, but the ALL parameter was not specified.

U2005

Issued by the CTSDEU utility. Indicates that the program read a tape mark without having read a header label.

U2006

Issued by the CTSDEU utility. Indicates that the program read a tape mark without having read an EOF label.

U2007

Issued by the CTSDEU utility. Indicates an error was detected during a channel program command.

U2008

Issued by the CTSDEU utility. Indicates that an error occurred during a write to the TLC.

U2009

Issued by the CTSDEU utility. Indicates that an error occurred during initialization of the TLC/I/O routine.

U3000

TLMSEARL: CA Common Services for z/OS EARL Service. user abend issued when TLMSEARL abends. See CA Common Services for z/OS EARL Service documentation for details.

U3001

TLMSCSMF: SMF record type not 14 or 15