



Tape/Copy

Messages & Codes Guide

Release 2.7.4



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About This Guide

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Introduction

This guide explains provides information on all of the messages issued by the Tape/Copy product.

Documentation Amendment History

This section lists any notable amendments to the Tape/Copy Messages & Codes Guide.

Date	Revision Description
November 2002	Extracted WTO messages and codes from Tape/Copy R2.4.4 Product Reference Guide to create new manual.
March 2003	Added WTO OT000072E and OT000300E. Added rejection messages M0046, M0063 and M0064.
January 2004	Divided/renamed messages into Tape/Copy specific (OT00*) messages and general utility layer messages (OTUL*). Added rejection messages M0281-M0296.
May 2004	Updated OT000133E, OTUL0126W.
June 2005	Added OT000011E, OT000012E, OT000013I, OT000014I, OT000018I, OT000026E-OT000029I, OT000031E, OT000033I-OT000034E, OT000037E, OT000038E, OT000039I, OT000041-OT000044E-OT000050E, OT000054I, OT000056I, OT000291I, OT000294E-OT000299E, OT000301D-OT000303E, OT000305D, OT000131E, OTUL0161C (replacing OT000254C), OTUL0162E (replacing OT000031E), OTUL0163I, OTUL0164W, OTUL0165W, OTUL0166W, OTUL0167I, OTUL0168E, OTUL0169E, OTUL0170I, OTUL0171W, OTUL0172E, OTUL0173E, OTUL0174I, OTUL0175W, OTUL0178E, OTUL0179E-OTUL0182E (replaced OT000021E-OT000024E), OTUL0183E-OTUL0187E, OTUL0188E (replaces OT000174E), OTUL0189E, OTUL0197E. Added M0094-M0101, M0109-M0111, M0241, M0298-M0307, M0309-M0310, M0312-M0315. Updated OT000035E, OT000204E and OT000209W.
November 2005	<p>New Rejection Message: M0065, M0099, M0100, M0276, M0293, M0316, M0317</p> <p>New Tape/Copy WTOs: OT000011E, OT000021I, OT000022W, OT000023W, OT000024I, OT00037I, OT000040I, OT000047E, OT000057E, OT000058E, OT00005I, OT000061E, OT000062E, OT000063I, OT000064E, OT000065E, O000067I, OT000068E, OT000069E, OT000070E, OT000071E, OT00074C, OT000129E</p> <p>New Utility Layer WTOs: OTUL0188E, OTUL0190E, OTUL0191E, OTUL0192W, OTUL0193W, OTUL0195E, OTUL0198W, OTUL0204I, OTUL0211I</p>
February 2006	<p>New Tape/Copy WTOs: OT000073I, OT000075E, OT000077E-82I, OT000119E, OT000130E.</p> <p>New Utility Layer WTOs: OTUL0161I, OTUL0217E, OTUL0218W, OTUL0219E, OTUL0220E.</p> <p>Updated: OT000071E</p>
October 2007	Updated, renamed, and added several WTOs.

Date	Revision Description
September 2008	<p>Removed message code OT000048E</p> <p>Added message codes OT000030I, OT000031I, OTUL00367I, OTUL0378E, OT000041I, OT000048I, OTUL0369E, OTUL0364I, OTUL0371W, OTUL0372W, OTUL0373I, OTUL0365I, OTUL0366I, OTUL0319I, OTUL0215I, OTUL0280E, OTUL0281E, OTUL0282E, OTUL3060, OTUL0284I, OTUL0285I, OTUL0286I, OTUL0287I, OTUL0283E, OTULO306E, OTUL0296E, OTUL0307I, OTUL0308I, OTUL0309I, OTUL0310I, OTUL0311I, OTUL0313I, OTUL0314I, OTUL0315I, OTUL0316I, OTUL0317I, OTUL0322E, OTUL0323E, OTUL0324E, OTUL0325E, OTUL0326E, OTUL0327E, OTUL0328E, OTUL0329E, OTUL0330I, OTUL0331E, OTUL0332I, OTUL0333I, OTUL0334E, OTUL0335E, OTUL0336I, OTUL0337E, OTUL0338I, OTUL0339E, OTUL0340I, OTUL0341E, OTUL0342E, OTUL0346E, OTUL0347E, OTUL0348E, OTUL0254I, OTUL0279E, OTUL0292E, OTUL0305E, OTUL0345I, OTUL0376E, and OTUL0377E.</p>
July 2009	<p>Added message codes OTUL0149E, OT000020I, OT000029W, OT000064I, OT000065W, OTUL0081I, OTUL0216I, OTUL0221I, OTUL0222I, OTUL0223I, OTOT000312I, OT000067W, OT000167I, OT000168I, OT000169W, M0327, M0077 and M0078.</p>
September 2009	<p>Added utility layer messages OTUL0380E, OTUL0381E, OTUL0382I, OTUL0383E, and OTUL0384I.</p> <p>Added message the following code: OT000068D vvvvvvvvvvvvvv.....vvvvvvvvvvvvvvvv</p> <p>Added rejection message code M0328.</p>
April 2010	<p>Added utility layer messages OTUL0385E through OTUL0394E</p> <p>Added Tape/Copy messages OT000306E, OT000069W, OT000077I</p> <p>Replaced rejection message M0315. Added messages M0074 and M0329 through M0339</p> <p>Replaced Tape/Copy message OT000073I</p>
January 2012	<p>Added Tape/Copy messages OT000078E, OT000082E, OT000083W, OT000093I, OT000097W, OT000117E, OT000119E, OT000130I, OT000131I, and OT000017I</p> <p>Added rejection messages M0083, M0084, M0088 and M0340 through M0348</p> <p>Added Utility Layer messages OTUL0212E, OTUL0396E, OTUL0397I, OTUL0398I, OTUL0399E, OTUL0400E, OTUL0402E, OTUL0406I, OTUL0407I, OTUL0408E, OTUL0409E, OTUL0410E, OTUL0411I, OTUL0412I, OTUL0414E, OTUL0415E, OTUL0416E, OTUL0417E and OTUL0418E.</p> <p>Removed Tape/Copy messages OT000117E, OT000162E, OT000163E, OT000164I, OT000165E, and OT000199E</p> <p>Removed rejection messages M0294, M0295, M0302, M0304, M0305, M0329, M0330, M0340, M0341, and M0342</p> <p>Removed Utility Layer Message OTUL0150W</p>

Software Documentation Library

This documentation can also be found online on the OpenTech Systems Technical Support web site (<http://www.opentechsystems.com/support.php>). Registration is required to access the Web site.

All documents in the OpenTech Systems Software Documentation Library are in PDF format and can be read using Adobe Acrobat Reader. Acrobat Reader can be downloaded free at:

<http://www.adobe.com/acrobat>.

Customer Service

OpenTech Systems' Technical Support can be reached:

- By Phone: 469-635-1500
- By Fax: 469-635-1507
- By Email: support@opentechsystems.com

Normal business hours are Monday through Friday from 8:30 a.m. to 5:00 p.m., Central Standard Time. However, user assistance is available 24 hours a day, 7 days a week.

After hours support can be reached by calling 469-635-1500 and leaving a message. When leaving a message, specify whether your support request is urgent. If it is urgent, a Technical Support representative will contact you immediately. If it is not urgent, you will be contacted the following business day.

International customers should contact their local distributor in the event that they encounter problems with an OpenTech Systems product.

Problem Reporting Information

In order for Technical Support to research any problems you may have with Tape/Copy, please have the following information available:

- Tape/Copy release, version and PTF level (if applicable)
- Tape management system name and release/version level
- OS/390 or z/OS release number
- JCL that was submitted
- Job output and dump, if generated
- Any error message codes
- Any other information you think may be important to understanding the problem

Cautionary and Notable Items

The alert statements—**Note**, **Caution**, and **Warning**—are formatted in the following styles:



Note This symbol appears in the margin next to items that should be given special consideration. Understand these items completely before continuing with the installation and customization process.



Caution Advises of important information, such machine or data error that could occur should the user fail to take or avoid a specified action.



Note This symbol appears next to items that offer information about the use of this software or that describe differences between this and previous releases.

JCL Example Conventions

This guide and the Tape/Copy JCL libraries may contain JCL and control statement examples. Please keep in mind that these examples may not be appropriate for every environment. Most of these examples will require some modification before they will function properly in your specific environment.

The fields that require modification are noted with the characters ‘<===’ near the right margin. There may be other fields in the examples that require modification before use. In particular, most of the dataset names in the JCL examples will need to be changed before you can use these examples in your data center.

Reference Guide Chapter Summaries

The Tape/Copy Messages & Codes Guide consists of the following chapters:

Chapter 1, “About This Guide” – This section provides an amendment history of the manual, customer service contact information and problem reporting tips.

[Chapter 2, “Abend & Return Codes”](#) – This section provides information on the abend and return code standards used by Tape/Copy.

[Chapter 3, “Tape/Copy Messages \(WTOs\)”](#) – This section provides information on all of the Tape/Copy general messages. Message description and the suggested user action is provided.

[Chapter 4, “Utility Layer Messages \(WTOs\)”](#) – This section provides information on all of the utility layer messages used by Tape/Copy. Message description and the suggested user action is provided.

[Chapter 5, “Rejection Messages”](#) – This section provides information on all of the rejection messages that can be issued by Tape/Copy. Message description and the suggested user action is provided.

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Abend & Return Codes

TOPICS COVERED IN THIS CHAPTER

[Tape/Copy Abend Code Standards \(page 2-2\)](#)

[Tape/Copy Return Code Standards \(page 2-2\)](#)

Tape/Copy Abend Code Standards

Tape/Copy components may encounter situations where the only possible course of action is to abend. In these cases, a user abend of U0100 will be issued. The abend will be accompanied by a dump and one (or more) diagnostic/error messages.

Tape/Copy generally issues one user abend code (U0100) which is always accompanied by one or more WTOs (either a Tape/Copy-specific message or utility layer message) listed prior to the U0100 in the executing job log. Look up the WTO message in [Chapter 3](#) (OT00* messages) or [Chapter 4](#) (OTUL* messages) of this reference guide to find the reason for the error and the requested user action.

If the Tape/Copy job abends with a S913, this indicates insufficient authority. Tape/Copy or the user id being used to run the job is not properly authorized through the systems' security product (i.e. - RACF, ACF2, etc.)

Tape/Copy Return Code Standards

Tape/Copy uses the following return code structure:

Return Code	Reason
RC=0	Indicates all functions have performed successfully.
RC=4	Indicates a warning message.
RC=8	Indicates an error message.
RC=12	Indicates a critical error message.

If any of these return codes are generated, they should be accompanied by a WTO message(s) which will provide a more detailed description of the problem. [Chapter 3](#) and [Chapter 4](#) contain detailed information about all of the WTO messages issued by Tape/Copy.

3 Tape/Copy Messages (WTOs)

TOPICS COVERED IN THIS CHAPTER

[Tape/Copy Message Format \(page 3-2\)](#)

[Tape/Copy Message Code Descriptions \(page 3-3\)](#)

Introduction

Tape/Copy Messages (WTOs) are prefixed by OT00* and are issued to the job log when errors are detected during processing, or to provide a status for certain processes. These messages are sometimes followed by a U0100 abend to stop processing, or the job will continue processing but issue a return code other than zero (RC=0).

Tape/Copy Message Format

The format of all Tape/Copy's general messages is as follows:

Message Code	Message Type	Description
OT00nnnnI	Informational	This message is used to provide the user information only.
OT00nnnnW OT00nnnnC	Warning or Cautionary	These messages are issued to warn the user of possible unpredictable results. Sometimes a U0100 abend occurs.
OT00nnnnE	Error	This message is issued to alert the user to an error that results in a U0100 abend.
OT00nnnnA	Action	This message is issued to prompt the user for feedback or a reply.
OT00nnnnD	Diagnostic	This message is used by Technical Support for diagnostic purposes only.

Tape/Copy Message Code Descriptions

To locate a message code, use the Adobe Reader's "Find" tool (binocular icon on the tool bar, at the top of your screen). Single-click on the binocular icon, and type in the name of the message you wish to locate. All message codes are also listed in the Index.

OT000002W CONVERSION JOBS EXCEEDED WARNING LIMIT: xxx TOTAL: yyy

- Reason:** This message is issued when a Candidate Selection job creates a total number of conversion jobs that exceeds the value specified in the CONVERSION-JOB-WARNING-LIMIT parameter. xxx is the value specified in the limit parameter. yyy is the total count of jobs created. The Candidate Selection job will issue a condition code 8 and may terminate with a U0100 abend (based on the setting of the CONVERSION-JOB-WARNING-ABEND parameter).
- Action:** The required action is installation dependent. The Candidate Selection job has completed generating the Conversion jobs and no action is required unless necessary to complete site scheduling or production control procedures.

OT000003E NO TEMPLATE CONVERSION JCL IS AVAILABLE FOR: xxx

- Reason:** The JCL mask member does not contain the necessary template JCL for dynamically generating the conversion job JCL. xxx is the conversion engine or product feature name.
- Action:** Contact Technical Support for assistance.

OT000004W ADVANCED RECALL IS NOT ACTIVE

- Reason:** The Advanced Recall Manager task associated with the Advanced Recall routing file specified in the ADVR-ROUTING-FILE-NAME parameter indicates that the Advanced Recall Manager is not active.
- Action:** Start the required Advanced Recall Manager Task, or update the ADVR-ROUTING-FILE-NAME to the correct Advanced Recall routing file.

OT000005E ADVANCED RECALL ROUTING FILE NAME NOT SPECIFIED

- Reason:** The USE-ADVR-INTERFACE parameter was set to YES, but the ADVR-ROUTING-FILE-NAME parameter was set to NONE.
- Action:** To use the Advanced Recall interface, enter the dataset name of the Advanced Recall routing file into the ADVR-ROUTING-FILE-NAME parameter. If the Advanced Recall interface should not be in use, set the USE-ADVR-INTERFACE parameter to NO.

OT000006E EXCPJCL TAPEIN STMT IS INVALID:

OT000006E xxxxx

- Reason: The characters "TI" which indicate that this statement is part of the TAPEIN DD are not followed by the numeric indicator 1 - 9 that are used to determine whether they belong to TAPEIN, TAPEIN2, TAPEIN3, etc.
- Action: First assure that the EXCPJCL member is not from a release older than R2.5. Correct the "TI" indicator to specify the correct number (TI2, TI3, TI4, etc.), or replace the EXCPJCL member from the versions created at installation time.

OT000007I INPUT VOLUME vvvvvv IS IN USE. TAPE/COPY WILL WAIT xxx MINUTES BEFORE BYPASSING THIS VOLUME

- Reason: This message indicates that the input volume specified is currently in use by another job and therefore cannot be mounted by the conversion job. If a value was specified on the MINUTES-TO-WAIT-FOR-VOLSERS-TO-FREE-UP parameter, then the conversion job will wait up to that long for the volume to become available (it will check the volume status every few seconds). If no value was specified on the MINUTES-TO-WAIT-FOR-VOLSERS-TO-FREE-UP parameter, or if a value was specified but the wait time has been exceeded, the conversion job will skip that volume (and volset, if applicable) and continue with the next volume.
- Action: No user action required. This is an information message only.

OT000008E CONTROL STATEMENT ERRORS DETECTED. CORRECT STATEMENTS DETAILED BY MESSAGE OT000129E AND RERUN THIS JOB

- Reason: A statement error was detected by the program that generates the Audit Report. The statement in error is read from the AUDCRIT DD of the execution JCL.
- Action: The statement in error was read from the AUDCRIT DD of the execution JCL. Look in the job log for the OT000129E message. This message lists the statement that was in error. Correct the failing statement and resubmit the job.

OT000009I DFSMSHSM ARCHSEND COMMAND FAILURE: RC=99999 REAS=99999

OT000009I ---><command>

- Reason: Tape/Copy received a non-zero return code from the DFSMSHsm ARCHSEND API.
- Action: Look up the return code returned by the DFSMSHsm ARCHSEND API (return codes are documented in DFSMSHsm - Managing Your Own Data) and take suggested action. TIP: A return code 100 means that DFSMSHsm is not running. DFSMSHsm must be active when processing DFSMSHsm tapes. Also, return code 74 with reason code 8 indicates that the LIST function is held while reason code 24 indicates that TAPEREP is held. Both LIST and TAPEREP must not be held.

OT000010I MISMATCHED BLOCK COUNT ERROR, TMC COUNT=xxx,DBC COUNT=yyy,TRAILER COUNT=zzz

OT000010I ABEND S237-04 WAS SUPPRESSED BY ABEND EXIT

- Reason: This message sequence is issued when a S237-04 abend has been suppressed during conversion processing. These messages will be preceded by an MVS IEC023I 237-04 message. The xxx, yyy, zzz variables will display the value of the referenced block count field.
- Action: This is an informational message only.

OT000011E THE RULES MEMBER: xxxxxxxx CONTAINS AN INVALID THEN OR DEFAULT VALUE:

OT000011E yyy

- Reason: The member referenced by xxxxxx in the message contains a value inconsistent with its intended use. yyy is the invalid value.
- Action: Correct the identified entry in the rules member and rerun the job. Contact Technical Support for assistance, if required.

OT000012E INTERNAL LOGIC ERROR, DUMP WILL FOLLOW

- Reason: An unexpected condition was detected as a result the program will abnormally terminate with a user 100 abend.
- Action: Report the error to Technical Support.

OT000013I INVALID RESULT RETURNED FROM xxx PROCESSING, RULEMEM: yyy, RULEVALU: zzz

- Reason: The rules processing type identified as xxx referencing the PARMLIB member identified by yyy, encountered a rule value (zzz) inconsistent with the rules processing being attempted.
- Action: Correct the identified entry in the rules member and rerun the job. Contact Technical Support for assistance, if required.

OT000014I NO DSN MATCH: DISKRULE, DSN: xxx

- Reason: DISK rules processing was unable to find a match for the dataset name identified as DSN within the DISKRULE member.
- Action: Correct the identified entry in the DISKRULE member and rerun the job. Contact Technical Support for assistance, if required.

OT000015I TAPE/COPY CONVERSION PRE-PULL LIST REPORT(S) ARE NOW AVAILABLE ON THE TAPE LIBRARIAN'S PRINTER

- Reason: This message is issued to the console (along with message OT000016A) to tell the tape librarian the conversion job Tape Pre-Pull List Reports are now available for printing on their remote printer.
- Action: The operator should reply to the WTOR issued by accompanying message OT000016A.

OT000016A REPLY 'YES' TO ACKNOWLEDGE THIS MESSAGE

- Reason: This message is issued in conjunction with message OT000015I.
- Action: The console operator should reply 'YES' to the WTOR and notify the tape librarian that the conversion job Tape Pre-Pull List Reports are now available for printing on their remote printer.

OT000017I UNABLE TO EXPIRE OLD ORIG: nnnn..nnnn DUE TO DSN MISMATCH

- Reason: This message is issued when an attempt to expire dataset nnnn..nnnn during a BCU EXPIRE_OLDORIG function resulted in a mismatch between the dataset name in the customers TMC and the BCU database.
- Action: The expire request is terminated and execution continues. More information may be provided in the BCU database diagnostic report written to DD name: BCUDIAGF. Review the diagnostic information provided and determine the cause of the dataset name mismatch, correct the problem and rerun the failing job. If unable to determine the cause of the failure or further assistance is required, have all job-related input and output available and contact OpenTech Systems Technical Support.

OT000018I NO ENTRY MATCH IN DISKALOC MEMBER, NAME TO MATCH: xxx

- Reason: The DISK rules processing was unable to find a match for the rule name (identified as xxx) within the DISKALOC member.
- Action: Correct the identified entry in the DISKALOC member or correct the DISKRULE that selected the missing entry and rerun the job. Contact Technical Support for assistance, if required.

OT000019E INVALID PARAMETER VALUE: xxxx yyyy

- Reason: The value specified by yyyy is not valid for parameter xxxx.
- Action: Check the Tape/Copy Parameter Reference Guide for a list of value values for the parameter in error. Update the parameter value and resubmit the job.

OT000020I WKVOLSER NE WKFRSVOL FOR VOLSER= XXXXXX, FURTHER GROUP STACKING FOR VOLUME IGNORED

- Reason: When stacking to pre-existing volumes, the output cannot span volumes. During the candidate selection process, it was determined that the current output volser is different than the first volser of the output volset.
- Action: Gather all job related input and output and contact OpenTech Technical Support for assistance.

OT000021I MEDIA NAME: XXXXXXXX IN MEMBER: XXXXXXXX DOES NOT MATCH ANY MEDIA NAME IN IOCTLTBL, ENTRY IGNORED

Reason: During the processing of BLDBVIRD an ATLNAME was found that did not match any media name in the IOCNTLTB. The ATLNAME is displayed in the MEDIA NAME: field and the table in which the media name was found is displayed in the MEMBER: field.

Action: Determine why an entry for MEDIA NAME does not exist in the IOCNTLTB correct the cause and rerun BLDBVIRD. If the problem, persists contact Technical Support for assistance.

OT000022W REDIRECTION NOT SUPPORTED FOR IOCNTLTB ENTRY UNIT NAME USED FOR BVIR DUMP OPERATIONS

Reason: During the processing of BLDBVIRD, an entry in the IOCNTLTB was found that matched the MEDIA NAME contained in the BVIRBASE member, however the matched IOCTLTBL entry specified redirection on the unit name field, BVIR processing does not support/allow redirection of unit assignments. The IOCNTLTB entry is displayed in the OT000023W message which follows this message.

Action: Correct the IOCNTLTB entry in question and rerun the BLDBVIRD. If the problem persists, contact Technical Support for assistance.

OT000023W xxx

Reason: See message OT000022W.

Action: See message OT000022W.

OT000024I xxx

Reason: The variable portion of this message can contain:

AT LEAST 2 AND NOT MORE THAN 2 CONTROL STATEMENTS EXPECTED IN BVIRCNTL DATASET

MISSING OR INVALID CONTROL STATEMENT SEQUENCE DETECTED IN BVIRCNTL DATASET

The control statements expected in the BVIRCNTL dataset are as follows:

VTS BULK VOLUME DATA REQUEST (which must be the first record in dataset)

Followed by one (1) of the following statements:

CACHE CONTENTS

P2P VOLUME STATUS

VOLUME MAP

Action: Correct the invalid control statements and or sequence and rerun BLDBVIRD. If the problem persists, contact Technical Support for assistance.

OT000025E ERROR READING TAPE MANAGEMENT CATALOG: XXXX

Reason: The Tape Analysis program, with SCOPE=VOLSET specified, attempted to retrieve information from the tape management catalog using the first volser in the volset, but one of the following errors occurred.

VOLSER NOT FOUND IN TMC (M0038)

BROKEN MULTI-VOLUME CHAIN (M0163)

STACKED DSN NOT FOUND IN TMC (M0158)

TAPE BUILD ERROR (M0245)

Action: See the corresponding Rejection Message description in [Chapter 5](#) for the appropriate actions.

OT000026E DUPLEX OUTPUTS ARE IN EFFECT BUT PERFORM-DUALCOPY-PROCESSING IS OFF

Reason: The duplex option (two copies of the output tapes) requires that the PERFORM-DUALCOPY-PROCESSING parameter be set to YES.

Action: Correct the parameter value and rerun the job.

OT000027E DUPLEX OUTPUT PROCESSING INTERNAL ERROR: xxx yyy

Reason: An internal error was detected while performing a conversion job with the duplexing option in effect. xxx and yyy provide more information about the cause of the error.

Action: Contact Technical Support for assistance.

OT000029W READ DIRECT FOR VOLSER: XXXXXX FAILED, FURTHER GROUP STACKING FOR VOLUME IGNORED

Reason: A direct read of the TMC for the identified volser failed.

Action: Gather all job related input and output and contact OpenTech Technical Support for assistance.

OT000030I UNABLE TO READ JFCB FOR: nnnnn....nnnnn

Reason: The BCU update process was unable to read the JFCB for the dataset identified by nnnnn....nnnnn.

Action: This error indicates a program failure in the BCU update function. Be sure to have all job related input and output available and contact OpenTech Technical Support for assistance.

OT000031I INVALID LRECL DETECTED FOR: nnnnn....nnnnn

Reason: The BCU update process detected that the dataset identified by nnnnn....nnnnn has a lrecl that is not supported by the bcu programs for the TapeCopy release being run.

Action: This error indicates a program failure in the BCU update function. Be sure to have all job related input and output available and contact OpenTech Technical Support for assistance.

OT000032I TAPEMAP OPEN FAILED FOR DDNAME: xxx

- Reason: The Tape Analysis program for an OPEN error when it attempted to open one of the files. xxx is the ddname of the file being opened (either DSN1 or DSN2).
- Action: Make sure the file specified is correct and remove the condition causing the OPEN error. Then re-run the Tape Analysis job.

OT000033I TAPEMAP MODE=LOGICAL INVALID RECORD DETECTED: xxx

- Reason: The Tape Analysis program was operating in MODE=LOGICAL mode (using dataset logical records rather than physical blocks) and encountered an invalid record. xxx gives the reason that the record is considered to be invalid.
- Action: Contact Technical Support for assistance.

OT000034E USER PARM FORCE-EOV-ON-OUTPUT CAN NOT BE USED WITH OUTPUT FILE REBLOCKING

- Reason: A conversion job using output file reblocking had the FORCE-EOV-ON-OUTPUT parameter is set to YES. This is not permitted as the output blocks will not be identical to the input blocks and when end of volume is reached on the input tape, the output file may be in the middle of a block.
- Action: Set FORCE-EOV-ON-OUTPUT to NO and re-run the job.

OT000035E TAPE ANALYSIS CONTROL CARD ERROR: XXXXXXXX

- Reason: The Tape Analysis program detected invalid control card from the user. XXXXXXXX indicates the specific error. The Tape Analysis program requires a "SCOPE" card with values of "DATASET", "VOLSET", or "VOLUME" and an "ACTION" card with a value of either "ANALYZE" or "COMPARE" and optionally "MODE". SCOPE, MODE, and ANALYZE must be in column one and their values must follow with exactly one space between.
- Action: Correct the control card error and re-run the job.

OT000036E TAPE ANALYSIS LARGE BLOCK DETECTED: XXXXXXXX, YYYYYYYY

- Reason: The Tape Analysis program read a data block from one of the input tapes that was too large. XXXXXXXX contains the DD Name of the tape and YYYYYYYY provides more information about the error. If the IBM Large Block Interface (LBI) is available on the system (OS/390 Rel. 10 and later), blocks up to 256K in length can be read. In systems where LBI is not available (before OS/390 Rel. 10) the maximum block size is 65535 bytes.
- Action: If the job was running on a system without LBI, re-run the job on a system with LBI. If the job was running on a system with LBI, then the dataset can not be processed by Tape Analysis, due to the excessively large block(s).

OT000037I BVIRDMPI DATASET NOT ALLOCATED, EXECUTION ABORTED

- Reason: During the execution of OTTC0061, an attempt was made to open the dataset allocated to the BVIRDMPI DD statement, however the BVIRDMPI DD statement was not found.
- Action: Correct the JCL to include the BVIRDMPI DD statement and rerun OTTC0061. If the problem persists, contact Technical Support for assistance.

OT000038E TAPECOPY/DMSUPDT ENQ FAILURE

- Reason: An unexpected return code was generated when attempting the enqueue of the TAPECOPY/DMSUPDT resource.
- Action: Report this error to Technical Support. A dump will be produced by this error and the dump will need to be sent along with the report of the problem.

OT000039I WAITING FOR TAPECOPY/DMSUPDT RESOURCE

- Reason: The TAPECOPY/DMSUPDT resource is currently in use by another task.
- Action: None. This message is for informational purposes only.

OT000040I VDR DUALCOPY TO DBS BRIDGE FILE CREATED, DSN=xxx

- Reason: Tape/Copy created the VDR to DBS bridge file (xxx).
- Action: None. This message is for informational purposes only.

OT000041I THE LRECL OF THE CURRENT BCU DATABASE IS GREATER THAN THE LRECL SUPPORTED FOR THIS RELEASE

- Reason: The BCU update process has determined that the lrecl of the BCU database is greater than the lrecl supported by the current TapeCopy/VDR Release.
- Action: This error indicates a program failure in the BCU update function. Be sure to have all job related input and output available and contact OpenTech Technical Support for assistance.

OT000042E TAPECOPY TAPE TO DISK OPTION REQUIRES DFSMS AT VERSION 1.1 OR HIGHER

- Reason: Tape/Copy detected that the level of DFSMS is not at least version 1.1. The VDR Recovery tape-to-disk feature requires DFSMS version 1.1 or later. The job is terminated.
- Action: Change the VDR-COPYRCVY-OUTPUT parameter to point to a tape device rather than DISK.

OT000043E MVS OPEN CHANGED THE OUTPUT DISK DATASET BLKSIZE FROM WHAT TAPECOPY HAD SET

- Reason: Tape/Copy detected that MVS Open changed the blksize of the output dataset from what Tape/Copy had specified. Tape/Copy specifies the output blksize in the DCBE when using LBI (the Large Block Interface), and checks the DCBE after Open to make sure MVS did not change it. This is an IBM LBI error and IBM has maintenance that fixes this problem. This message will come out only if the IBM fix is not on the system. The dataset is not copied.
- Action: To copy the dataset, IBM maintenance must be applied to fix this error.

OT000044E OTTC0005 HAS ENCOUNTERED AN UNSUPPORTED CONVERSION ENGINE CODE

- Reason: Tape/Copy detected an unsupported conversion engine code, and will now abend with a U100 abend code.
- Action: Ensure that the parameter DATA-CONVERSION-ENGINE: contains a value as documented for the parameter. Contact Opentech Technical support for assistance, be sure to have all job input and output available.

OT000045E DUPLEX-MEDIA-TYPE: xxx IS INVALID WHEN DUPLEX-NEWNAME-TABLE IS: yyy

- Reason: The value of the DUPLEX-MEDIA-TYPE parameter (xxx) is not valid when the DUPLEX-NEWNAME-TABLE parameter is set to yyy. The problem can occur if DUPLEX-MEDIA-TYPE is set to a value other than NONE, but the DUPLEX-NEWNAME-TABLE is set to NONE during the Candidate Selection process, or if the Dual Copy Recovery is run using DUPLEX-MEDIA-TYPE with a value other than NONE.
- Action: Correct the parameters to valid values that can be used concurrently and rerun the job. Contact Technical Support if assistance is required.

OT000046E INVALID DSNAME ENCOUNTERED DURING ATTEMPTED JFCB MODIFICATION

- Reason: An error has been detected during the execution of the Conversion process when an output dataset name would have been created as all blanks.
- Action: Contact Technical Support for assistance.

OT000047E xxx

Reason: During execution of the VDR Business Continuance Utility functions OR the BVIR (OTTC0061) function, one or more errors occurred. This message contains variable text, which will help describe the error and may assist the user in determining the cause of the error. Possible messages are listed below:

VDR Business Continuance Utility messages	BVIR Messages
CALL TO CSI INTERFACE FAILED ABEND FOLLOWS	EXPECTED RECORD TYPE 1, FOUND DATA IN OT000059I MSG
CLOSE ACB FAILURE	EXPECTED RECORD TYPE 2, FOUND DATA IN OT000059I MSG
DELETION OF DISCRETE COPYRCVY LOG FAILED, SEE: IDCSYSPR	EXPECTED RECORD TYPE 3, FOUND DATA IN OT000059I MSG
DEQ FAILURE: YYYY	EXPECTED RECORD TYPE 4, FOUND DATA IN OT000059I MSG
EXCL ENQ FAIL: YYYY	EXPECTED RECORD TYPE 5, FOUND DATA IN OT000059I MSG
FMT OF NEW VDR RECOVERY DATABASE NAME IS INVALID FOR ALTER	EXPECTED RECORD TYPE 6, FOUND DATA IN OT000059I MSG
FAILURE DETECTED ON OTWRDIR REQUEST	FOUND UNKNOWN REQUEST TYPE
GENCB FAILURE	FOUND UNEXPECTED DATA AS SHOWN IN OT000059I MSG
IDCAMS BLDINDEX FUNCTION FAILED	RDJFCB FAILURE ON BVIRDMPI
IDCAMS DEFINE OF ALTERNATE INDEX FAILED	UNABLE TO LOCATE ARA
IDCAMS DEFINE OF NEW VDR BUSINESS RECOVERY DATABASE FAILED	BAD RETURN CODE FROM ARA PROCESSING
IDCAMS DEFINE OF PATH FAILED	STORAGE RELEASE OF ARA FAILED
IDCAMS DELETE FAILURE	STORAGE OBTAIN FOR BVIRDSN STACK FAILED

IDCAMS DELETE OF OLD VDR BUSINESS RECOVERY DATABASE FAILED	LAST NODENAMES OF THE DSNS IN THE BVIRDMPI CONCAT DO NOT MATCH
IDCAMS RENAME OF NEW VDR BUSINESS RECOVERY DATABASE FAILED	NO VOLUME MAP RECORDS FOUND BVIRDMPI DATASET CONCATINATION
IDCAMS REPRO RELOAD OF VDR BUSINESS RECOVERY DATABASE FAILED	IDCAMS REPRO RELOAD OF BVIR DATABASE FAILED
IDCAMS REPRO UNLOAD OF VDR BUSINESS RECOVERY DATABASE FAILED	IDCAMS DELETE OF BVIR VSAM DATABASE FAILED
INVALID CALLING PARAMETER LIST	IDCAMS DEFINE OF BVIR VSAM DATABASE FAILED
JOBCTL DD NOT ALLOCATED	IDCAMS DEFINE OF BVIR AIX FAILED
MODCB FAILURE	IDCAMS DEFINE OF BVIR PATH OVER AIX FAILED
MORE THAN 24 VERSIONS OF VDR COPYRCVY.JXXXXXX EXIST	IDCAMS BLDINDX FOR BVIR AIX FAILED
NEW VDR RECOVERY DATABASE DELETION HAS FAILED	VOLMAP RECS DO NOT COME FROM ATLNAM IN BVIRDMPI DATASET NAME
OPEN ACB FAILURE	
READ OF TMC FOR VOLSER: XXXXXX, PRODUCED UNEXPECTED RESULTS	
REQUEST FOR *EXCL* ENQ ON OTVDRBRC OTTC0023OTTC0040 FAILED	
REQUEST FOR *EXCL* ENQ ON VDR BUSINESS CONTINUANCE DB FAILED	
REQUEST FOR RELEASE OF EXCL OTVDRBRC OTTC0023OTTC0040 FAILED	

REQUEST FOR SHARED ENQ ON VDR BUSINESS CONTINUANCE DB FAILED	
REQUEST TO RELEASE *EXCL* ENQ ON VDR DB FAILED	
REQUEST TO RELEASE SHARED ENQ ON VDR DB FAILED	
RPL=DIR/UPD FAILURE, RPLFDBK=XXXXXXXX	
RPL=GET DIR FAILURE, RPLFDBK=XXXXXXXX	
RPL=GET SEQ FAILURE, RPLFDBK=XXXXXXXX	
RPL=POINT FAILURE, RPLFDBK=XXXXXXXX	
SHOWCB FAILURE	
TABLE BUILD ERROR: XXXXXXXX, FOR VOLSER: XXXXXX	
UNEXPECTED REQUEST CODE	
UNRECOGNISED REQUEST CODE:	

Action: Evaluate the message and correct the problem, or contact Technical Support for assistance.

OT000048I MISSING BCU DB COMPONENT: nnnnn

Reason: During the execution of a BCU DB QUERY operation, the named dataset was not found (substituted for the nnnnnn) value

Action: The query operation is disabled and the executed function continues with the BCU functionality disabled. This is a normal occurrence the first time the BCU VSAM database has been deleted. The next time a BCU update is performed or the BCU database is referenced due to an update, any pending transactions will be performed. If this message is received more than once, contact OpenTech Technical support for assistance.

OT000049E aaa R0: yyy / R15: xxx

Reason: A serious error has been detected by the processing module identified by aaa. yyy and xxx will contains the values of registers 0 and 15 at the time of the error.

Action: Contact Technical Support for assistance.

OT000050E aaa PROCESSING ERROR CODE: xxx

- Reason: A serious error has been detected by the processing module identified by aaa. xxx will contain a value to assist Technical Support in diagnosing the error.
- Action: Contact Technical Support for assistance.

OT000051E INSUFFICIENT DASD SPACE TO SUPPORT AN ALLOCATION OF xx,xxx TRACKS

- Reason: The executing program failed to find enough DASD free space to dynamically allocate a new working dataset. xx,xxx is the number of DASD tracks required for the dynamic allocation. This message is accompanied by either message OT000052I or message OT000053I with additional diagnostic information.
- Action: Direct Tape/Copy's work file allocations to a DASD pool with sufficient space. If necessary, contact Technical Support for assistance.

**OT000052I DASD VOLSER: vvvvvv LARGEST CONTIGUOUS TRACK EXTENT: xx,xxx
FRAGMENTATION INDEX: aaa**

- Reason: This is an informational message that accompanies message OT000051E. This information is used to help diagnose why insufficient DASD space was available for dynamic allocation.
- vvvvvv is the DASD volume serial number to which the remaining information pertains.
- xx,xxx is the current largest free space extent on the DASD volume.
- aaa is the fragmentation index as determined by the MVS LSPACE facility.
- Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OT000053I NO DASD VOLSER NUMBERS WERE AVAILABLE FROM WHICH TO SELECT

- Reason: This is an informational message that accompanies message OT000051E. This message is written when there are no DASD volumes defined in the PARMLIB from which to dynamically allocate new DASD datasets.
- Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OT000054I FOUND VSER: XXXXXX IN VTS: YYYYYYYY NOT: ZZZZZZZZ

- Reason: This is an informational message which is issued when the volser XXXXXX of BVIRDMPI dataset is not found in the VTS named ZZZZZZZZ (the last node of the BVIRDMPI dataset) but was found in the VTS named YYYYYYYY.
- Action: Determine why the BVIRDMPI dataset was created in VTS YYYYYYYY and not VTS ZZZZZZZZ and correct the problem. Contact technical support for assistance if required.

OT000055E CANNOT PROCESS AGAINST OLD FORMAT AUDITLOG: xxxxxxxx

- Reason: The format of the Tape/Copy auditlog file was changed in Tape/Copy R2.5. An Auditlog Report was requested using an Audit Log file that was generated prior to Tape/Copy R2.5 and is in the old format.
- Action: The Auditlog Report facility will not execute using a pre-R2.5 Audit Log file. This Audit Log file cannot be converted to the new Audit Log format because of the extensive changes made to the Audit Log records which render the two file formats incompatible. Change the Audit Log file to the newer 2.5 version of the Audit Log and resubmit the job. xxxxxxxx is the name of the old format Audit Log file.

OT000056I DATASET xxx ADDED TO END OF OUTPUT TAPE TO SYNC

- Reason: The output tape device supports the IBM Buffered Tapemark feature and Tape/Copy was using that feature. That feature gains significant performance when stacking files onto a tape by not forcing the data in the device buffer to be written to the tape at the time a tapemark is written. Tape/Copy has reached the end of the job and has determined that some output tape data "may" not have been written to the tape - it may still be in the device buffer. In order to guarantee that all of the output tape data gets written to the tape, and without any undetected errors, Tape/Copy writes a null dataset after the last dataset copied, without using the buffered tapemark option, forcing all previous data to be written onto the tape. This null dataset has only labels and no data blocks. The need for Tape/Copy to perform this forced synchronization is very rare, and will usually only happen if the job is terminated before it's normal end point.
- Action: No user action required. Informational message only.

OT000057E RO: / R15:

- Reason: During the execution of the module identified by the first variable text item, an unrecoverable error was encountered, the contents of RO and R15 are displayed. This message may be accompanied by messages OT000058E and/or OT000047E and followed by an abend U100.
- Action: Contact Technical Support for assistance.

OT000058E PROCESSING ERROR CODE:

- Reason: During the execution of the module identified by the first variable text item, an unrecoverable error was encountered, the internal reason for the error is displayed in the second variable text item. This message may be accompanied by messages OT000057E and/or OT000047E and followed by an abend U100.
- Action: Contact Technical Support for assistance.

OT000059I xxx

- Reason: During the processing of the BVIRDMPI dataset, an unexpected record type was encountered, the value of the record type is displayed in the variable portion of this message. This message is followed by a U100 abend.
- Action: Contact Technical Support for assistance.

OT000061E BVIRDMPJ DD IS MISSING FROM JOBSTREAM, UNABLE TO CONTINUE EXECUTION

- Reason: During the processing of BLDBVIRD the ddname BVIRDMPJ was not found in the job stream.
- Action: Ensure that the ddname BVIRDMPJ is in the jobstream, it contains the skeleton jobcards to be used to generate the BVIR dump and update jobs. If the problem continues, contact Technical Support for assistance.

OT000062E SKELETON JOBCARD IMAGES MISSING FROM DDNAME BVIRDMPJ, EXECUTION ABORTED

- Reason: During the processing of BLDBVIRD the ddname BVIRDMPJ was found in the job stream, however there were no usable job card images found.
- Action: Ensure that the ddname BVIRDMPJ is in the jobstream, and it contains the skeleton jobcards to be used to generate the BVIR dump and update jobs. If the problem continues, contact Technical Support for assistance.

OT000063E OT000063E ALLOCATION OF DDNAME: XXXXXXXX FAILED WITH RETURN CODE:

- Reason: Tape/Copy failed to allocate the ddname specified as XXXXXXXX and was returned return code The return is identical to those returned by the Z/OS dynamic allocation function. The TapeCopy job will abend with a U100 abend code.
- Action: Attempt to determine what the failure was from the return code and correct and rerun the job, If that fails contact Opentech Technical support for assistance, be sure to have all job input and output available.

OT000064I EXTRACT CHAIN FAILED FOR VOLSER: XXXXXX, FURTHER GROUP STACKING FOR VOLUME IGNORED

- Reason: An OTXTRCHN call failed for the identified volser failed.
- Action: Gather all job related input and output and contact OpenTech Technical Support for assistance.

OT000065W INVALID REQ: 1...5...0...5...0...5...0...5...0...5...0...5...0...5...0

- Reason: The variable portion of the message text is replaced with the control statement read from SYSIN that is not valid, execution continues.
- Action: Gather all job related input and output and contact OpenTech Technical Support for assistance.

OT000066E INCORRECT TMS DRIVER EXECUTED: xxxxx

- Reason: An error in the Tape/Copy Audit Log file was detected by the conversion recovery process.
- Action: The Tape/Copy Audit Log file contains information about which version and release of the Tape Management System the original tape conversion was executed under. The conversion recovery process detected incorrect codes for the TMS version/release. Use the Audit Log record layout macro supplied with Tape/Copy to determine the correct TMS version/release codes, correct the incorrect codes in the Audit Log file and resubmit the job. xxxxx is the name of the subprogram issuing this message.

OT000067W UNEXPECTED ERROR, ABORTING

- Reason: An unexpected return code was returned by an OTGTDDSI function call, execution cannot continue.
- Action: Contact Technical Support for assistance. Be sure to have all job related input and output available.

OT000069W NO CONVERSION CONTROL STATEMENTS GENERATED, EXECUTION TERMINATED

- Reason: The INFILE1 dd statement(s) did not contain any valid request statements and execution cannot continue.
- Action: Ensure the information specified on Copy On Demand Input Dataset Specifications contains a valid volser, dsn, and file sequence or the Mass Copy Volume File Dsn contains valid control statements. If unable to resolve this issue, contact Technical Support for assistance. Be sure to have all job related input and output available.

OT000070E ENCRYPTION WAS REQUESTED FOR A DATASET: NOT SUPPORTED WITH TAPE-TO-DISK CONVERSION

- Reason: The user was using the Tape-to-Disk Recovery option of Tape/Copy VDR and requested that the input dataset be encrypted. The Tape-to-Disk option does not allow encryption (decryption is supported).
- Action: Tape/Copy will terminate the copy operation on this dataset. Use the Tape-to-Tape option to encrypt a dataset.

OT000071E TAPECOPY REQUIRES LARGE BLOCK INTERFACE SUPPORT, OS/390 R10 OR LATER

- Reason: Tape/Copy determined it was running on a system that does not support the IBM Large Block Interface. Tape/Copy requires the Large Block Interface, which came out in OS/390 R2.10.
- Action: Tape/Copy will terminate. Tape/Copy must be run on an OS/390 R2.10 or later system (any version of z/OS), or an earlier version of Tape/Copy must be used.

OT000072E MULTIPLE INPUT DD SUPPORT INTERNAL ERROR

- Reason: An error related to multiple input DD support was detected by the conversion job.
- Action: Contact Technical Support for assistance.

OT000068D vvvvvvvvvvvvvvv.....vvvvvvvvvvvvvvvvvv

Reason

When Candidate Selection is executed with diagnostic information requested, and if STACKING-GROUP-NAME is equal to something other than NONE, a series of diagnostic messages may be issued depending on the results generated.

The value of vvvvv...vvvvv will be set to on in the following depending on the information being displayed:

STACKING TO AVAIL STACKGRP FOR COLOCID: ccccccc
SUSPENDED: bbbbb...bbbb

This text indicates that for the candidates associated with co-location ID, represented by the variable text ccccccc, stacking to the existing stack group for that co-location ID has been suspended due to the reason associated with the variable text of bbbbb...bbbb. The possible reason values for bbbbb...bbbb are:

PCT USED >= CUTOFF PCT - The utilization percent of the output volume is greater than the cutoff percent specified by the parameter: STACKED-OUTPUT-CUTOFF-UTILIZATION

BEST PCT USED >= CUTOFF PCT - When STACKED-OUTPUT-VOLUME-FITTING is = BEST - The utilization percent of the output volume is greater than the cutoff percent specified by the parameter: STACKED-OUTPUT-CUTOFF-UTILIZATION

VOLCNT > CARLIM - The calculated number of output volumes is greater than the value of the parameter STACKED-OUTPUT-VOLUME-LIMIT

CURRMBYT > MBLIMIT - The calculated number of megabytes of the output volume exceeds the value of the parameter MB-PER-CONVERSION-JOB

The above message text is followed by a message that shows the values of the two fields being compared as follows:

FIELD A: nnnnn...nnnnn FIELD B: nnnnn...nnnnn

The value of nnnnn...nnnnn is a number between 1 and 999,999,999,999,999

aaaaa...aaaaa INITIALIZED TO: nnnnn...nnnnn BY STKGRP
COLOCID: ccccccc - fff

This message shows the values of selected variables at initialization time, the possible values of the variable aaaaa...aaaaa are:

VOLS_IN_JOB - during the initialization stage of OTUT0063, if STACKING-GROUP-NAME is equal to something other than NONE and an entry in the STACKING GROUP file matches the value for colocid specified as ccccccc, which has a status of AVAILABLE, the number of volumes in the existing volset are added to VOLS_IN_JOB.

CURRMBYT - as with VOLS_IN_JOB, the number of megabytes in the existing volset is added to the CURRMBYT field (under certain conditions, this field may be initialized to 0).

TAPE_KB_USE_O - as with VOLS_IN_JOB, the number of kilobytes in the existing volset is added to the TAPE_KB_USE_O field (under certain conditions, this field may be initialized to 0).

The value of the variable fff is used to indicate which processing loop is active within OTUT0063.

TAPE_KB_CAP_O INITIALIZED TO: nnnnn...nnnnn EXEC PARMS - fff

This message shows the value of field TAPE_KB_CAP_O as it was calculated at initialization time, the variable nnnnn...nnnnn shows the combined capacity of the maximum number of permissible volumes. The value of the variable fff is used to indicate which processing loop is active within OTUT0063.

aaaaaaaaaaaaa VALUE AT CALL TO OTUT0382: nnnnn...nnnnn FOR COLOCID: ccccccc - fff

This message is issued just prior to calling OTUT0382 to generate the required conversion jobs, the values of the variables VOLS_IN_JOB, CURRMBYT, TAPE_KB_USE_O and CURR_VOL_UTL% show the current values of the fields at the control break. The value of ccccccc is the current co-location value, and the value of the variable fff is used to indicate which processing loop is active within OTUT0063.

Action: No customer action is required. This message is used by OpenTech Systems for diagnostic purposes.

OT000073I RESTART FUNCTION BYPASSED BECAUSE ----- text varies -----

RESTART FILESEQ EDIT FAILED

Reason: When a COPY or MOVE job is restarted after a failure, Tape/Copy queries the tape management system for the last file sequence number, belonging to the tape volume upon which the operation is to resume. The file sequence number was zero, negative, or greater than 32767.

Action: Rather than resume the COPY or MOVE operation to the anticipated tape volume, Tape/Copy mounts a new tape and begins writing on the new tape.

RESTART VOLSER EDIT FAILED

Reason: When a COPY or MOVE job is restarted after a failure, Tape/Copy validates the volume serial number. The volume serial contained invalid characters. This error is probably due to the RESTART VSAM file having an invalid volume serial associated with the failed job; and the invalid information could be due to the failure.

Action: The COPY or MOVE operation mounts a new tape, and Tape/Copy resumes on the new tape volume.

OF A RESTART VSAM FILE PROBLEM

Reason: When a COPY or MOVE job is restarted after a failure, Tape/Copy encounters a VSAM error accessing the RESTART dataset.

Action: Tape/Copy mounts a new tape volume and the COPY or MOVE operation continues on the new tape.

This message is preceded by OTUL0394E. Any correction that you may perform is dependent on the nature of this message. For instructions and resolution, refer to OTUL0394E.

TAPE MANAGEMENT READ API FAILED

Reason: When a COPY or MOVE job is restarted after a failure, Tape/Copy encounters a problem trying to perform an inquiry against the tape management system.

Action: Tape/Copy mounts a new tape volume and the COPY or MOVE operation continues on the new tape.

This message is preceded by OTUL0023E or OTUL0028E. Refer to these messages for more information related to the error.

TAPE MANAGEMENT INFO EXTRACT FAILED

Reason: When a COPY or MOVE job is restarted after a failure, Tape/Copy Copy encounters a problem trying to perform an inquiry against the tape management system.

Action: Tape/Copy mounts a new tape volume and the COPY or MOVE operation continues on the new tape.

This message is preceded by OTUL0023E, OTUL0028E, or OTUL0190. Refer to these messages for more information related to the error.

OT000074C INFILE CONTROL RECORD: xxxx ERROR: yyyy

Reason: An INFILE control record was determined to be in error. The INFILE control records are input to the conversion job and control which datasets and tapes will be copied. xxxx is the INFILE record number. yyyy is the error description.

If the ERROR listed in the message is "INVALID ENCRYPTION RECORD", this may indicate that the conversion job was created in pre-R2.6.2 conversion job format but is being run with R2.6.2 programs. The INFILE control card format changed in R2.6.2 and new control cards must be used when running with a R2.6.2 LOADLIB.

Action: Assure that the conversion job INFILE control cards have not been modified after being created by Candidate Selection. Contact Technical Support for assistance, if needed.

OT000075I XXXXXXXXXXXXXXXX.....XXXXXXXXXX

Reason: During the execution of the Tape/Copy Conversion process using the ADVR interface, Tape/Copy issued one or more requests to the ADVR interface, the xxxxxx.....xxxxxx value is replace with the following text depending on the request/response:

WAITING FOR ADVR TO RECALL VOLUME: XXXXXX	This text is used when Tape/Copy is waiting for ADVR to complete a recall request
ADVR MANAGER IS NOT ACTIVE, PROCESSING CONTINUES	This text is used when Tape/Copy attempted to communicate with ADVR and determined that ADVR was not active.
MAX WAIT TIME FOR ADVR RECALL OF VOLSER: XXXXXX REACHED, PROCESSING CONTINUES	This text is used when the delay value specified in the parameter DELAY-MINUTES-FOR-ADVR-RECALL-TO- CACHE is been exceeded for the volume specified by XXXXXX, Tape/Copy will continue with the conversion process without any further delay for the named volume.
ADVR MANAGER IS NO LONGER ACTIVE PROCESSING CONTINUES FOR VOLSER: XXXXXX	Tape/Copy had determined that ADVR was active and issued a recall request for the volser represented by xxxxxx, during the wait for ADVR to recall the named volser, Tape/Copy determined that ADVR was no longer active and began its processing of the named volser.

Action: The variable message text described message OT000075I is informational and requires no action except where the substituted text indicates that ADVR failed to respond to a request or is no longer active, in those cases determine why ADVR failed to respond or is not active and take corrective action as required. Contact Technical Support if assistance is needed.

OT000076E DATASET IS NOT CATALOGED: xxxx

Reason: The dataset named in the message was not found in the MVS ICF Catalog. The dataset must be cataloged to allow processing to continue. The job is terminated.

Action: Determine why the dataset is not cataloged. If the dataset does exist update the MVS Catalog and resubmit the job.

OT000077I RESTART RESUMES ON OUTPUT VOLUME vvvvvv,FILESEQ=nnnnn

- Reason: This message is produced after a COPY or MOVE job is restarted after a failure.
- Action: This is an informative message where Tape/Copy reports the output volume and file sequence number upon which the restart will resume.

OT000078E BVIRBASE PARMLIB MEMBER DOES NOT CONTAIN ANY ENTRIES, EXECUTION TERMINATED

- Reason: During the execution of OTTC0060, it was determined that the parameter library member BVIRBASE did not contain any non-comment entries.
- Action: Execution is terminated. Add one or more entries to the BVIRBASE parameter library member and rerun the failing job. Contact OpenTech Systems support if you require further assistance. Please be sure to have all input to and output from the failing job information available.

OT000082E TAPECOPY/BVIR IS NOT LICENSED FOR ANY ATL NAMES, EXECUTION TERMINATED

- Reason: During the execution of OTTC0060, it was determined that the TapeCopy license did not identify any ATL's from which BVIR data could be processed.
- Action: Execution is terminated. Be sure that you have added the correct license key to the parameter library member AUTHCODE. If not, add the correct license key and rerun the failing job. Contact OpenTech Systems sales if you require further assistance. Please be sure to have all input to and output from the failing job information available.

OT000083W BVIRBASE ENTRY ATLNAME: AAAAAAAA IS NOT LICENSED FOR TAPECOPY

- Reason: During the execution of OTTC0060, it was determined that the parameter library member BVIRBASE, an ATL name identified by AAAAAAAA, is not licensed for TapeCopy.
- Action: This is a warning message, execution continues and BVIR data will not be retrieved or processed for ATL name identified by AAAAAAAA. If you believe that you are receiving this message in error, contact Opentech Systems sales support. Please be sure to have all input to and output from the failing job information available.

OT000086I RACF DENIED READ ACCESS TO DSN: nnn....nnn VSR: vv-vv

- Reason: This message is issued when during the RACF authorization checking requested by the \executing program RACF returned a NOT AUTHORIZED indication for the dataset name identified as nnn....nnn on the volser identified by vv-vv.
- Action: Determine why either the default RACF user id associated with the job or the user id specified in the RACF-AUTHORIZATION-CHECKING parameter does not have access to the dataset name volser identified, correct and rerun the affected job.

OT000087E UNSUPPORTED PROPRIETARY FORMAT: xxx

- Reason: An unsupported proprietary format has been selected for processing. xxx is the name of the unsupported proprietary format.
- Action: Modify your proprietary table (PROPRIET member) so that dataset of this unsupported proprietary format are not selected for processing.

OT000088E INCOMPLETE PROPRIETARY FORMAT STATEMENT: xxx

- Reason: The proprietary data format selection statement is not of the correct format. xxx is the proprietary format statement in error.
- Action: Find the statement in error in your PROPRIET member and correct.

OT000090E CONVERSION RECOVERY ROUTINE FAILURE

- Reason: The dataset conversion process has recovery routines that are invoked when it is unable to complete a dataset conversion. Sometimes the recovery routines are unable to completely restore a dataset to its original pre-conversion status.
- Action: Check the Conversion Rejection Report for details on why the dataset failed to successfully convert. Contact Technical Support for assistance.

OT000093I BCU PARAMETER: xxxxxxxxxxxxxxxxxxxxxx SPECIFIED AS: YES

- Reason: The VDR Business Continence Utility (BCU) update function has detected that the parameter xxxxxxxxxxxxxxxxxxxxxx has been specified as YES. The string xxxxxxxxxxxxxxxxxxxxxx can be replaced with either the value EXPIRE-OLDORIG-FORCE or the value UPDATE-NEWORIG-FORCE.
- Action: This is an informational message alerting the customer that either the EXPIRE-OLDORIG-FORCE and/or the UPDATE-NEWORIG-FORCE were specified as YES, and forced updates of the entries in the BCU database will be attempted.

OT000094I RESTARTING FROM INPUT VOLUME=vvvvvv,FILESEQ=nnnnn

- Reason: This message is produced after a VDR RECOVERY job is restarted after a failure.
- Action: This is an informative message where Tape/Copy reports the input volume and file sequence number upon which the restart will resume.

OT000095E TAPE DATASET CONVERSION LIMIT HAS BEEN REACHED

- Reason: The dataset conversion limit has been reached and the product has stopped allowing dataset conversions.
- Action: Contact your OpenTech representative or Technical Support for information on purchasing additional conversions.

OT000096I PLEASE CONTACT OPENTECH SYSTEMS, INC.

- Reason: This is an informational message used in conjunction with other messages.
- Action: See requested user action for the accompanying messages.

OT000097W SOME ERRORS WERE ENCOUNTERED DURING VDR RECOVERY, EXECUTION CONTINUES

- Reason: This is an informational message used to indicate that one or more errors occurred during the VDR Recovery process.
- Action: Review all SYSOUT for job to determine what errors were encountered and what, if any, recovery actions need to be performed. If you require further assistance, contact OpenTech Systems Inc. Technical support. Be sure to have all job input, output and console logs available.

OT000098E UNKNOWN INPUT/OUTPUT UCB DEVICE TYPE: xxx

- Reason: When the dataset conversion process is building its audit log records, the UCB device type was unable to be determined. xxx is the unknown UCB device type.
- Action: Contact Technical Support for assistance.

OT000106I NO RECORDS WERE SELECTED FOR PROCESSING; CC=XX SET

- Reason: This informational message is issued when the candidate selection process does not select any datasets for conversion. It also indicates the step condition code that will be set (if any) based on the setting of the CANDIDATE-SELECTION-CC-WHEN-NO-DATASETS-SELECTED parameter. Note that if a higher CC has already been set (or is set before step termination), then that CC will be the final CC.
- Action: Check the Dataset Rejection Report for the specific reasons that all of the tapes were rejected, then verify your selection criteria is set properly and make changes to the selection criteria parameters where necessary. Resubmit the job. (If no Dataset Rejection Report has been produced, verify that the DATASET-REJECTION-REPORT parameter is set to YES then turn off the "pre-filter" options described in Chapter 9 of the Tape/Copy User Guide and rerun the job to produce a list of all datasets rejected and the reason for rejection.)

OT000109C LSPACE FACILITY FAILURE: VOLSER=vvvvvv(xxx) RC=X'00' INFO=X'00'

- Reason: IBM's LSPACE facility did not execute properly.
vvvvvv is the DASD volser that LSPACE was processing against.
xxx is the UCB address that LSPACE was processing against.
The LSPACE return code and information code are also displayed by this error message.
- Action: Contact Technical Support for assistance.

OT000110C NO FORMAT 4 DSCB RETURNED BY LSPACE FACILITY FOR VOLSER vvvvvv(xxx)

- Reason: IBM's LSPACE facility did not return a valid DASD format 4 DSCB. vvvvvv is the DASD volser that LSPACE was processing against. xxx is the UCB address that LSPACE was processing against.
- Action: Contact Technical Support for assistance.

OT000111E INCOMPLETE GENERIC POOL STATEMENT

- Reason: This message is produced when a member of the PARMLIB is being edited and a statement error is encountered. This message is accompanied by messages OT000114I and OT000115I which contain additional diagnostic information.
- Action: Correct the statement in error and resubmit the failing job.

OT000112E GENERIC POOL STATEMENT VOLSER IS NOT 6 CHARACTERS IN LENGTH

- Reason: This message is produced when a member of the PARMLIB is being edited and a statement error is encountered. This message is accompanied by messages OT000114I and OT000115I which contain additional diagnostic information.
- Action: Correct the statement in error and resubmit the failing job.

OT000113E GENERIC POOL STATEMENT VOLSER CONTAINS AN INVALID CHARACTER

- Reason: This message is produced when a member of the PARMLIB is being edited and a statement error is encountered. This message is accompanied by messages OT000114I and OT000115I which contain additional diagnostic information.
- Action: Correct the statement in error and resubmit the failing job.

OT000114I MEMBER=xxx DATASET=yyy

- Reason: This informational message is produced along with messages OT000111E, OT000112E and OT000113E and provides additional information for correcting the invalid statement. xxx is the member name and yyy is the name of the dataset name.
- Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OT000115I FAILING STATEMENT: xxx

- Reason: This informational message is produced along with messages and provides additional information for correcting the invalid statement. xxx is the failing statement.
- Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OT000117E ATTEMPT TO UPDATE STACK GROUP CONTROL RECORD WITH INVALID VOLSER, EXECUTION ABORTED

- Reason: While executing TapeCopy conversion, the conversion program determined that the volser passed to the stack group update routine was invalid.
- Action: This message indicates that a failure has occurred in the TapeCopy conversion program, a User 100 abend will follow this message and a dump will be written to the Sysudump DD allocated. Please have all job-related input and output available and call OpenTech Systems Technical support for assistance.

OT000118E UNDEFINED PROPRIETARY DATA FORMAT. CONTACT OPENTECH SYSTEMS FOR ASSISTANCE

Reason: This message is produced when Tape/Copy encounters a tape dataset that is written in such a fashion that normal QSAM I/O cannot process it. This is probably due to a third-party software product creating tapes in a proprietary data format.

Action: Modify your proprietary table (PROPRIET member) so that dataset of this unsupported proprietary format are not selected for processing.

OT000119E TMS UPDATE FAILED FOR VOLSET=XXXXXX

Reason: This message is produced when an attempt to update the TMS records related to the listed volume fails.

Action: For assistance, contact Technical Support.

OT000120E SMS SUBSYSTEM INTERFACE FAILURE: RC=X'00'

Reason: This message is issued when communication to the SMS subsystem is not properly established by Tape/Copy.

Action: Contact Technical Support for assistance.

OT000121E SMS MESSAGE FORMAT ERROR

Reason: This message is issued when Tape/Copy is unable to format and display any SMS error messages generated as a result of activity with the SMS tape ACS routines within the SMS subsystem.

Action: Contact Technical Support for assistance.

OT000122E SEVERE TAPE MANAGEMENT FAILURE

Reason: This message is issued when something is severely wrong between Tape/Copy and your tape management system.

Action: Contact Technical Support for assistance.

OT000123E NO DATASET NAME PREFIXES IN STKCNTL MEMBER. CLEANUP PROGRAM WILL TERMINATE

Reason: There were no dataset name prefixes found in the STKCNTL member of the Tape/Copy PARMLIB. The Stack Management Control Clean-Up program must terminate as it has no prefixes to compare against to identify Stack Management Control datasets.

Action: Provide one or more prefixes in the Tape/Copy PARMLIB member STKCNTL. The prefix Tape/Copy uses when it creates a control dataset is supplied by the CNV-JOB-STACK-CNTL-FILE-PREFIX parameter.

OT000124E INVALID INPUT/OUTPUT LABEL TYPE SPECIFIED: xxx

Reason: This message is issued when you try to copy a tape dataset that uses a tape label format that Tape/Copy is currently unable to process. xxx is the label type that was specified.

Action: Contact Technical Support for assistance.

OT000125E INVALID ESTAE OBJECT FUNCTION CODE 'f', SECOND PARAMETER: xxx

- Reason: This message is issued when an error is detected during the establishment of the ESTAE error recovery object during Tape/Copy's conversion processing. If is the function code. xxx is an additional parameter for diagnostics.
- Action: Contact Technical Support for assistance.

OT000126E ERROR ESTABLISHING ESTAE, RETURN CODE xxx

- Reason: This message is issued when an error is detected during the establishment of the ESTAE error recovery object during Tape/Copy's conversion processing. xxx is the return code.
- Action: Contact Technical Support for assistance.

OT000127I ATTEMPTING TO CONTINUE PROCESSING

- Reason: This informational message indicates that the ESTAE error recovery routine was invoked to perform an error recovery during tape dataset conversion processing and that the conversion process is trying to continue its processing with the next tape in its conversion list.
- Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OT000128E ABEND DURING RECOVERY - RECOVERY ABORTED

- Reason: This error message is issued when the ESTAE error recovery routine was unable to sufficiently recovery from the processing error that invoked it to continue normal conversion processing.
- Action: Contact Technical Support for assistance.

OT000129E xxxxxxxx STATEMENT ERROR: yyy

- Reason: This error message is issued when an error is detected in a statement (yyy) within the listed DD or PARMLIB member (xxx).
- Action: Correct the listed statement per the documentation and resubmit the job.

OT000130I UNABLE TO UPDATE NEW ORIG: nnnn..nnnn DUE TO DSN MISMATCH

- Reason: This message is issued when an attempt to update dataset nnnn..nnnn during a BCU UPDATE_NEWORIG function resulted in a mismatch between the dataset name in the customers TMC and the BCU database.
- Action: The update request is terminated and execution continues. More information may be provided in the BCU database diagnostic report written to DD name: BCUDIAGF. Review the diagnostic information provided and determine the cause of the dataset name mismatch, correct the problem and rerun the failing job. If unable to determine the cause of the failure or further assistance is required, have all job-related input and output available and contact OpenTech Systems Technical Support.

OT000131I NEW AUDITLOG SUCCESSFULLY CREATED AFTER SX37, CONTINUING ***

- Reason: Tape/Copy intercepted a SX37 abend (out-of-space condition) for an AUDITLOG generation dataset. The operating system issued several system messages: IEC030I, IEC031I, or IEC032I, indicating SB37, SD37, or SE37; respectively. Following that, the operating system issues a more ominous IEA995I message with registers and the abending PSW.
- Action: Tape/Copy automatically creates a new AUDITLOG generation dataset. Records in the failing buffer and subsequent AUDITLOG data are written in the new AUDITLOG dataset. Preceding Sx37 messages associated can be ignored.

OT000133E ERROR DURING CONVERSION PROCESSING, RESET/CLEANUP ROUTINE ENTERED DETECTING OFFSET: xxxx

- Reason: This error message is issued when a conversion encounters certain types of errors during processing. The Reset/Cleanup routine was entered and has cleaned up after the error. The job log, rejection messages and possibly other WTOs will have more information about the error that occurred. xxxx is the offset of the instruction that detected the error.
- Action: Tape/Copy will attempt to continue with conversion processing depending on the type of error and other conditions. The abend may cause an entry to be made in the BADMEDIA member of the PARMLIB.

OT000134E xxx CONVERSION ERROR - SEE SYSPRINT DD SYSOUT FOR SPECIFIC FAILURE AND DIAGNOSTIC INFORMATION

- Reason: This error message is issued when a tape dataset that is being converted fails and the conversion engine being used is not the Tape/Copy EXCP INTERNAL engine. The conversion engine used returned to Tape/Copy with a failing return code. xxx is the conversion engine. You are directed to look in the SYSPRINT DD in the failing conversion job to determine the reason for the tape conversion failure.
- Action: The conversion job terminates. If necessary, contact Technical Support for assistance.

OT000137I ESTAE RECOVERY ROUTINE ENTERED - ABEND=S000 U0000 REASON=00

- Reason: This informational message is issued when Tape/Copy intercepts a conversion abend. Tape/Copy processing will attempt to continue with the next tape, if conditions allow. This message is accompanied with message OT000138I.
- Action: No user action is required. This is an informational message only. However, users may wish to investigate why the failing volser could not be converted. If you are unable to determine the reason for the abend, contact Technical Support for assistance.

OT000138I TAPE/COPY WILL ATTEMPT TO CONTINUE PROCESSING WITH THE NEXT TAPE

- Reason: This informational message accompanies message OT000137I.
- Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OT000139I INPUT DATASET RECOVERY IS NOT PERFORMED FOR Sx22 ABENDS

- Reason: This informational message is issued when a Sx22 abend is detected by the Abend Recovery Routine. The x22 abends cause immediate termination and input datasets status recovery is not performed.
- Action: Clean up of MVS catalogs and the tape management system entries may be required.

OT000150E COUNT OF TMC EXTRACT RECORDS PROCESSED DOES NOT MATCH COUNT OF RECORDS READ

- Reason: A program processing a Tape Management Catalog extract file encountered an error.
- Action: Contact Technical Support for assistance.

OT000151E THE VOLSER/SLOT TRANSLATION TABLE CONTAINS NO ENTRIES

- Reason: The user-supplied tape volser/tape library slot id translation table dataset specified by the VOLSER/SLOT-TRANSLATION-FILE-DSN parameter does not contain any entries.
- Action: Correct the file and resubmit the candidate selection job.

OT000152E THE VOLSER/SLOT TRANSLATION TABLE DID NOT CONTAIN A CROSS REFERENCE FOR VOLSER: vvvvvv

- Reason: The user-supplied tape volser/tape library slot id translation table dataset specified by the VOLSER/SLOT-TRANSLATION-FILE-DSN parameter does not contain a translation entry for volser vvvvvv.
- Action: Correct the file and resubmit the candidate selection job.

OT000155I jjjjjjj SUBMITTED FOR vvvvvv ffff ddddddd

- Reason: This message is issued when the Copy on Demand program (program OTTC0005) submits a Conversion Job.
- jjjjjj = name of Conversion Job
vvvvvv = volser requested
ffff = fileseq requested
ddddddd = dsn requested
- Action: This is an informational message only. No action is required.

OT000156E THE TAPE MANAGEMENT SYSTEM DOES NOT CONTAIN A SLOT ASSIGNMENT FOR VOLSER: vvvvvv

- Reason: This message indicates that a tape volume serial number was not assigned a slot id by the tape management system and a slot id was expected by Tape/Copy. Depending on the value set for the ABEND-VOLSER/SLOT-TRANSLATION-ERROR parameter, the job will either abend with a U0100 or will continue processing and use the tape volume serial number in place of the slot id on the Tape Pre-Pull Listing Report. The tape conversion jobs generated by this job step will not be affected by this error if you do not choose to abend on the error.

Action: If an abend does occur, correct the tape management system volume entry to include the slot id and resubmit the Tape/Copy candidate selection job. Otherwise, this is just an informational message and no user action is required.

OT000160E MISSING CONVERSION DRIVER IN PROPSUPP TABLE

Reason: This error message indicates that a supported proprietary data format conversion driver is missing from Tape/Copy's LOADLIB.

Action: Contact Technical Support for assistance.

OT000166E NO ACS VIRTUAL TAPE LIBRARY SELECTION CRITERIA PRESENT

Reason: This error message indicates that you requested candidate selection via ACS routines but the parameter library member referenced by the ACTIVE-ACS-SELECTION-TABLE parameter does not contain any valid selection criteria.

Action: Correct the selection criteria in the ACS table and rerun the candidate selection job.

OT000167I XXX FAILURE ON: 1...5....0....5....0....5....0....5....0.... EXECUTION ABORTED

Reason: The XXX in the message indicates an ENQ or DEQ failure on the named resource (substituted for 1...5//0...).

Action: Contact Technical Support for assistance. Be sure to have all job related input and output available, including the console logs.

OT000168I DELETE OF DSN: 1...5....0....5....0....5....0....5....0.... FAILED, EXECUTION ABORTED

Reason: A delete attempt failed for the named resource (substituted for 1...5//0...), execution cannot continue.

Action: Contact Technical Support for assistance. Be sure to have all job related input and output available, including the console logs.

OT000169W RESOURCE IN CONTENTION: 1...5....0....5....0....5....0....5....0....

Reason: This message may be issued in conjunction with message OT000290W(E) and identifies the resource name in contention.

Action: The jobname and system on which it is running is identified in the OT000290W(E) message. Determine the reason the job has not completed, if assistance is required contact Technical Support. Be sure to have all job related input and output from the job issuing this message and the job identified in the OT000290W(E) message including console logs.

OT000172E UNKNOWN INPUT/OUTPUT DEVICE CODE IN TAPENAME TABLE: xxx

Reason: This error message is displayed when a tape device type was not found in the TAPENAME member of the PARMLIB library. xxx is the name of the device code.

Action: Contact Technical Support for assistance.

OT000175I DUAL COPY IDENTIFICATION PHASE COMPLETE/BYPASSED

Reason: This informational message tracks the progress of the data collection process.

Action: No user action is required. This is an informational message only.

OT000177W USE OF PARMCNTL DD MAY CAUSE EXCLUSIVE PARMLIB ENQUEING

Reason: Tape/Copy has identified a PARMCNTL DD statement which may cause PARMLIB enqueueing.

Action: Specify PARM='PARMLIB=<dataset name>' parameter on the EXEC statement of the job's JCL skeleton and use the ISPF dialog to regenerate the JCL. If necessary, contact Technical Support for assistance.

OT000178C PRE-EDIT REJECTIONS: CDTENH IS NOT ALLOWED WITH VDR RECOVERY

Reason: The enhanced creation date pre-edit logic is not supported when executing the VDR Recovery program.

Action: Change the PRE-EDIT-REJECTIONS parameter setting to NO, YES or ENHANCED.

OT000182E TAPE PROCESSING ERROR, VOLSER vvvvvv PLACED INTO BADMEDIA TABLE

Reason: An error occurred during the physical copy portion of a conversion operation. The error could be a physical (I/O error) or logical error, but it is one which will or may prevent the tape from being successfully copied if it is selected again for another conversion.

Action: Tape/Copy will place the volser and abend information in the BADMEDIA member of the Tape/Copy PARMLIB to prevent the failing volser from being selected for further processing. If you desire to copy this volser, correct the tape dataset, remove the volser entry from the BADMEDIA table and resubmit the conversion job.

OT000184E xxx FILE DOES NOT EXIST, CONFLICT PROCESSING TERMINATED

Reason: One of the work files required by the conflict management process was not found for input. xxx is the name of the needed work file.

Action: Contact Technical Support for assistance.

OT000185C THERE WERE NO SMF RECORD EXTRACTS TO PROCESS

Reason: There were no additional SMF records to apply to the conflict management database.

Action: Check the SMF input files the conflict management process uses to insure that there are no SMF records to process against. This is an unlikely occurrence unless there have been a very long tape usage outage in which no tape related SMF records were generated.

OT000186E SMFWORK HAD NO RECORDS

Reason: The conflict management process could not continue because of no records to process against.

Action: Contact Technical Support for assistance.

OT000187I THE OPENTECH CONFLICT DATABASE DOES NOT EXIST. A NEW DATABASE IS BEING CREATED

Reason: This informational message indicates the status of the conflict management database.

Action: This is an informal message only. No user action is required.

OT000188E UNABLE TO CREATE THE OPENTECH CONFLICT DATABASE

Reason: The conflict management database was not created.

Action: The conflict management database is dynamically created via IDCAMS. Please refer to the SYSPRINT sysout DD for particular information on why the IDCAMS database creation statements failed to create the conflict management database.

OT000189I OPENTECH NEW CONFLICT DATABASE CREATED

Reason: This informational message indicates the status of the conflict management database.

Action: This is an informal message only. No user action is required.

OT000190I PERFORMING PERIODIC MAINTENANCE ON CONFLICT DB

Reason: This informational message indicates the status of the conflict management database.

Action: There is no action to be taken.

OT000191I EXPIRATION DATE DETERMINATION PHASE COMPLETED/BYPASSED

Reason: **If BYPASSED**, a BYPSEXPDD DD statement was in the job stream or both the CALCULATE-CYCLE-CONTROLLED-EXPIRATION-DATES parameter AND the GDG-EXPDT-DETERMINATION parameter were set to 'NO'. **If COMPLETED**, the process completed without error.

Action: If calculated expiration dates are desired, remove the BYPSEXPDD DD statement from the JCL or set either or both the CALCULATE-CYCLE-CONTROLLED-EXPIRATION-DATES parameter AND the GDG-EXPDT-DETERMINATION parameter to 'YES'. If calculated expiration dates were not desired, then this is an informational message only.

OT000192I DUAL COPY RECOVERY xxxxxxxx PHASE COMPLETE

Reason: This message indicates when the various phases of the Dual Copy Recovery Program have completed. The phases of Dual Copy Recovery are (xxxxxxx):

SELECTION
MATCHING
INPLACE
COPYRCVY
HYBRID
PRE-PULL

Action: No user action is required. This is an informational message only.

OT000194E LARGE BLOCK SIZE TAPE LABELS CURRENTLY NOT SUPPORTED

Reason: Tape/Copy encountered an input tape that uses large blocksize tape labels. Large blocksize tape labels are not supported by this OpenTech product. The copy/move operation is terminated.

Action: No user action is required. This is an informational message only.

OT000200W OUTPUT MEDIA TYPE: xxx NOT DEFINED IN PARMLIB(IOCNTLTB) MEMBER

Reason: The specified media type was passed to the conversion JCL and Forecast process but is not defined in the IOCNLTB member of the product PARMLIB.

Action: Define an entry in the IOCNLTB member of the product's PARMLIB that specifies the desired allocation parameters and TAPENAME media.

OT000203E LESS THAN 255 VOLUMES ARE SUPPORTED FOR DDNAME xxx

Reason: In the conversion jobs, OpenTech products build input and output tape JFCB's with enough JFCB extensions to support 255 volumes. (This is denoted by the VOL=...,255 is the input and output tape DD statements.) If this 255 is modified, this message is produced.

Action: This value should be reset to its original value and the conversion job can be rerun. Contact Technical Support if necessary.

OT000205E TAPE ANALYSIS ENCOUNTERED AN ERROR: XXXXXXXX YYYYYYYY ZZ

Reason: The Tape Analysis program detected an error condition while reading blocks from one of the tapes. XXXXXXXX contains the DD Name of the tape, YYYYYYYY is the name of the subroutine that detected the error, and ZZ is the error code. The Tape Analysis job is terminated.

Action: The error is likely to be due to problems with the tape or tape drive and can be reported to OpenTech Technical Support for further analysis.

OT000209W SELECTED CANDIDATES WERE REJECTED DUE TO VOLUME FITTING LOGIC LIMITS

Reason: During the Candidate Selection process, at least one dataset that had been selected was later rejected because it could not fit on an output volume using the user specified volume fitting method and parameter values (STACKED-OUTPUT-CUTOFF-UTILIZATION, STACKED-OUTPUT-MINIMUM-UTILIZATION, STACKED-OUTPUT-VOLUME-FITTING and/or STACKED-OUTPUT-VOLUME-LIMIT).

Action: The dataset or datasets were not included into a conversion job and will appear on the Rejection Report. They may be selected again in future Candidate Selection jobs. If desired, change the values of the related user parameters listed above and rerun the Candidate Selection process.

OT000211I xxxxxxxx IS WAITING FOR TAPE VOLSER vvvvvv TO BE MOUNTED

- Reason: The P2P Sync feature is waiting for a tape to be mounted before processing further. xxxxxxxx is the name of the P2P Sync job. vvvvvv is the volser that needs to be mounted.
- Action: Respond to WTOR message OT000212A telling P2P Sync whether or not it should wait for the tape to be mounted.

OT000212A DO YOU WANT xxxxxxxx TO CONTINUE WAITING? 'Y' TO CONTINUE 'N' TO CANCEL JOB

- Reason: This message is issued in conjunction with message OT000211E. xxxxxxxx is the name of the P2P Sync job.
- Action: The user should reply Y to this message if P2P Sync should continue to wait for the tape to be mounted. Otherwise the user should reply N to cancel the P2P Sync job.

OT000213I LAST FILE KNOWN TO HAVE BEEN SUCCESSFULLY COPIED: xxx ON OUTPUT TAPE

- Reason: This informational message contains the name of the last file placed onto the physical tape when copying with buffered tapemarks in effect.
- Action: See the action for the associated messages.

OT000214I *SIMULATE MODE IN EFFECT**

- Reason: This informational message indicates that the job was run in simulate mode and that no updates were performed.
- Action: In simulation mode is desired, no action is required. If you wish to run the job and perform the actual updates, you must take the SIM parameter out of the EXEC statement in the JCL of the job. If necessary, contact Technical Support for assistance.

OT000215I TMC.CEXPDT FILE MISSING

- Reason: Tape/Copy cannot allocate the CEXPDT file needed.
- Action: Determine why the file cannot be allocated. Contact Technical Support, if necessary.

OT000216I CURRENT CYCLE DAY AND/OR JOB OPTIONS DIFFER FROM THOSE USED TO CREATE TMC.CEXPDT

- Reason: The Tape/Copy options in effect when TMC.CEXPDT file was created differ from those in effect for the current execution of Tape/Copy.
- Action: Correct the current Tape/Copy options or recreate the TMC.CEXPDT file with the current options.

OT000217I CALCULATION OF xxx DATASETS WILL BE BYPASSED

- Reason: Other processing errors have made it impossible for the date calculation to be performed.
- Action: Review other diagnostic messages in the job log. Contact Technical Support, if necessary.

OT000218W WARNING THE CONTENTS OF TMC.CEXPDT HAVE BEEN ALTERED FROM THE GENERATED VALUES

Reason: The contents of the TMC.CEXPDT file have been altered by an application/user other than the Tape/Copy application(s).
Action: This is an information message only.

OT000219E THE CONTENTS OF TMC.CEXPDT ARE INVALID

Reason: The contents of the TMC.CEXPDT are corrupt and unusable.
Action: Review other diagnostic messages in the job log. Contact Technical Support, if necessary.

OT000220E MEMBER: xxx NOT FOUND IN DSN: yyy

Reason: The member identified as xxx could not be found in the dataset identified as yyy.
Action: Ensure that the member exists in the appropriate dataset, make corrections as required. If problem persists contact Technical Support for assistance.

OT000222E UNABLE TO REPLACE MEMBER: xxx IN DSN: yyy

Reason: The member identified as xxx could not be replaced in the dataset identified as yyy.
Action: Ensure that the partitioned dataset identified as yyy has not run out of space and that the number of extents for the dataset has not exceeded 123. If this problem persists please contact Technical Support. This message may also be accompanied by message OTUL0050D.

OT000224E UNABLE TO FIND MEMBER: xxx IN DSN: yyy

Reason: The member identified as xxx could not be found in the dataset identified as yyy.
Action: Ensure that the member exists in the appropriate dataset, make corrections as required. If problem persists contact Technical Support for assistance.

OT000225E CNV-JOB-TRIGR-ACTIONS SPECIFIES: SUBMITJOB, CNV-JOB-TRIGR-SUBMIT-DSN IS NOT VALID

Reason: The CNV-JOB-TRIGR-ACTIONS parameter specified that a job was to be submitted when all the conversion jobs associated with the current operation were marked as complete, however the dataset identified by parameter CNV-JOB-TRIGR-SUBMIT-DSN is not valid.
Action: Ensure that the dataset identified by CNV-JOB-TRIGR-SUBMIT-DSN exists, if not correct parameter CNV-JOB-TRIGR-SUBMIT-DSN to reflect the correct dataset name and rerun the conversion job.

OT000226W NO SMF DATA INPUT FILE WAS PROVIDED

- Reason: This is a warning message that indicates the Stacking Conflict Avoidance database maintenance program did not have any SMF data to process.
- Action: Check the JCL of the job issuing this message to ensure that a valid SMF file is provided. If the SMF file is correct, this is a warning message only. If the SMF is omitted or is incorrect, correct the JCL and resubmit the job.

OT000227E CNV-JOB-TRIGR-ACTIONS SPECIFIES: ISSUEWTO, CNV-JOB-TRIGR-WTO-DSN IS NOT VALID

- Reason: The CNV-JOB-TRIGR-ACTIONS parameter specified that a WTO is to be issued when all the conversion jobs associated with the current operation were marked as complete, however the dataset identified by parameter: CNV-JOB-TRIGR-WTO-DSN is not valid
- Action: Ensure that the dataset identified by CNV-JOB-TRIGR-WTO-DSN does exist and contains a valid dataset name, if not correct parameter CNV-JOB-TRIGR-WTO-DSN to reflect the correct dataset name and rerun the conversion job.

OT000228E INVALID CONTENTS, CODE: xxx,DSN: yyy, MEMBER: zzz

- Reason: This message is related to the issuance of WTO messages at the completion of the conversion job, an error was encountered in member: zzz contained in dataset yyy. (If the dataset in question is not a PDS, then the member: zzz statement will be omitted from this message.) The contents of code: xxx indicate what the problem is with the WTO text. The code has the following meanings:
- Code: 05 – Positions 1 – 4 of WTO text record 1 must be LEN=
 - Code: 06 – Position 7 of WTO text record 1 must contain a “,”
 - Code: 07 – Positions 5 and 6 of WTO text record 1 must contain a numeric value greater than 01
 - Code: 08 – Positions 5 and 6 of WTO text record 1 must contain a numeric value less than 74
 - Code: 09 – Positions 1 – 4 of WTO text record 2 contained within the dsn and member identified previously must be LEN=
 - Code: 10 – Position 7 of WTO text record 2 must contain a “,”
 - Code: 11 – Positions 5 and 6 of WTO text record 2 must contain a numeric value greater than 01
 - Code: 12 – Positions 5 and 6 of WTO text record 2 must contain a numeric value less than 74
 - Code: 13 – The combined lengths of the two WTO text record length fields must be greater than 01 and less than 125
- Action: Correct the problem identified by the code above and rerun the conversion job.

OT000229E JOBSETID: xxx, CANNOT BE FOUND IN MEMBER, yyy WITHIN CONTROL DSN: zzz

- Reason: The member yyy in the control dataset zzz does not contain a value which matches the JOBSETID nnnn.
- Action: Verify that the JOBSETID exists within the control dataset / member, attempt to rerun the conversion job, if it fails again contact Technical Support for assistance.



Note This problem normally occurs when JOBSETID is not numeric, or the member within the control dataset has been modified by the user.

OT000230I PROCESSING ERROR CODE: XX

- Reason: In the conversion jobs, OpenTech products build input and output tape JFCB's with enough JFCB extensions to support 255 volumes. (This is denoted by the VOL=...,255 is the input and output tape DD statements.) If this 255 is modified, this message is produced.
- Action: This value should be reset to its original value and the conversion job can be rerun. Contact Technical Support if necessary.

OT000231E ANOMALOUS LOGIC ERROR CODE: xxx

- Reason: An unexpected system error occurred during processing of the conversion job, the CODE: xxx identifies the failure, message OT000232E will be issued in conjunction with this message and a U0100 abend will be produced.
- Action: Contact Technical Support for assistance.

OT000232E MEMBER: xxx

- Reason: This message identifies the member name which was being processed when a processing error was encountered.
- Action: Contact Technical Support for assistance.

OT000238E INVALID INPUT/OUTPUT LABEL TYPE SPECIFIED: xxx

- Reason: This message is issued when you try to copy a tape dataset the uses a tape label format currently unsupported by Tape/Copy. xxx is the label type.
- Action: Specify a supported label type. If necessary, contact Technical Support for assistance.

OT000239I xxx IS CANCELLED BY OPERATOR

- Reason: The P2P Sync job specified was cancelled due to the operator reply of 'N' to the OT000212A message,
- Action: No user action is necessary. This is an information message only.

OT000240W NO DATA READ FROM INPUT FILE: SMFFILE

- Reason: The conflict avoidance job did not find any new SMF type 14 or 15 records for the MVS system it ran on. There are three possible causes:
- 1.) There were no SMF type 14 or 15 records in the SMF file.
 - 2.) The SMF records had dates earlier than the last record read by the conflict avoidance job.
 - 3.) The SMF id for the records did not match the SMF id of the system the conflict avoidance job ran on.
- Action: Make sure that the SMF file passed to the conflict avoidance job has SMF type 14 and 15 records, is current, and that the SMF records are for the system the conflict avoidance job is run on. If necessary, contact Technical Support for assistance.

OT000241E READ DIRECT OF TAPE MANAGEMENT CATALOG FAILED, ABENDING

- Reason: During a direct read of the tape management catalog, an unexpected condition was detected making continued execution inadvisable. A U0100 abend is issued along with a dump of the affected program.
- Action: Contact Technical Support for assistance.

OT000246I TAPE/COPY ON THIS DR SITE WILL EXPIRE IN xxx DAY(S)

- Reason: Tape/Copy is only allowed to run for a short period of time at a disaster recovery site without a valid authorization code for the CPU it is running on. xx is the number of days remaining before Tape/Copy will cease to function without a new authorization code.
- Action: This is an information message only.

OT000247E TAPE/COPY AT THIS DR SITE HAS EXPIRED

- Reason: Tape/Copy is only allowed to run for a short period of time at a disaster recovery site without a valid authorization code for the CPU it is running on. This message indicates the Tape/Copy can no longer function without a new authorization code.
- Action: Contact Technical Support for a new authorization code, if needed.

OT000249E WRONG SIO APPENDAGE LOADED xxx

- Reason: A conversion job for which EXCPVR was specified has determined that the SIO (Start IO) appendage the user specified in EXCPVR-IO-APPENDAGE-SUFFIX parameter (the appendage name is IGG019xx where 'xx' is the suffix) is not the Tape/Copy SIO appendage. The conversion job is terminated with an error.
- Action: Ensure that the Tape/Copy SIO appendage is placed into the LPA and assigned an unused suffix in the range of WA-Z9 - this is an IBM requirement. The chosen suffix should be supplied on the EXCPVR-IO-APPENDAGE-SUFFIX parameter.

OT000252E AN ERROR WAS ENCOUNTERED WHILE BUFFERED TAPEMARKS WERE IN EFFECT

- Reason: This message indicates that a terminating error was encountered during a conversion job and the 3590 buffered tapemark performance feature was active at the time of the error. With that feature on, an output datasets's data will not necessarily have completely made it to the physical tape at the time the datasets is closed (it may still have been in the tape drive's buffer). This message is followed by informational message OT000213I, which contains the name of the last file placed onto the physical tape when copying with buffered tapemarks in effect. Any datasets after the one listed in the OT000213I message should be regarded as NOT copied, even if it appears in the conversion report as successfully copied.
- Action: Manually delete the output volumes and re-run the conversion job.

OT000253E ALLOCATION CONTROL TABLE STATEMENT ERROR - SEE REJRPT SYSOUT DD FOR SPECIFIC FAILURE AND DIAGNOSTIC INFORMATION

- Reason: Tape/Copy's allocation control table had a statement syntax error. The report under the REJRPT DD contains the detail rejection messages covering this error.
- Action: Contact Technical Support for assistance.

OT000254C VOLSEQ > 255 FOR VOLSER=aaaaaa, VOLUME DROPPED. ADD 1STVOL=bbbbbb TO THE EXCLVOLS MEMBER

- Reason: Tape/Copy has detected a volser (aaaaaa) whose volume sequence number is greater than 255. Currently Tape/Copy can not be used to process volume chains that exceed 255 volumes.
- Action: Condition Code 12 is set, and after all volumes have been checked a U0100 abend will occur. Add the first volume of the multivolume chain (bbbbbb) to the EXCLVOLS member of the Tape/Copy PARMLIB. This will cause the message (and CC=12 / U0100 abend) to be suppressed on subsequent runs.

OT000255E VOLUME vvvvvv IS A MEMBER OF A CHAIN EXCEEDING 255 AND CANNOT BE PROCESSED'

- Reason: This message is issued when Tape/Copy detects the presence of a volume chain that contains more than 255 volumes. vvvvvv is the volume being processed when the condition occurred.
- Action: Review the volume chaining information in the TMS for the volume in the message to determine if it contains 255 or more other volumes. Volume chains that are greater than 255 cannot be processed by Tape/Copy. If the TMS information is for less than 256 volumes, report this condition to Technical Support.

OT000259E TWO CONSECUTIVE ABENDS WHILE OPENING AN INPUT DATASET. CONVERSION JOB WILL TERMINATE

- Reason: Two consecutive abends were encountered while the Tape/Copy conversion job was attempting to open an input dataset. While Tape/Copy generally attempts to continue with the next volset after it recovers from an abend, there are some conditions where that is not possible. There are some open errors which leaves the tape drive in a state that causes later opens to fail. Because two opens in a row occurred on the input file, Tape/Copy assumes that the first error is causing the second open to fail and that subsequent opens will also fail.
- Action: Correct the condition causing the open errors. If necessary, contact Technical Support for assistance.

OT000261C SMS VERIFICATION FAILED FOR: xxx VOLSER: vvvvvv

- Reason: This message indicates an SMS verification failure.
- Action: Contact Technical Support for assistance.

OT000262E UNKNOWN MEDIA TYPE IN SUMMED RECORD: xxx

- Reason: An unknown media type has been encountered in a record in Tape/Copy's tape management system summary file.
- Action: Contact Technical Support for assistance.

OT000264I TAPE/COPY IS TERMINATING BECAUSE OF STORAGE SHORTAGE

- Reason: During P2P Sync processing, a missing SDWA was detected, a missing SDWA is indicative of a storage shortage.
- Action: Increase the region size allocated to this process and resubmit the job.

OT000265I TAPE/COPY IS TERMINATING FOR PROBABLE X22 ABEND

- Reason: This job was cancelled.
- Action: This is an information message only.

OT000266E CNV-JOB-TRIGR-ACTIONS SPECIFIES: CREATEDSN, CNV-JOB-TRIGR-CREATE-DSN IS NOT VALID

- Reason: The CNV-JOB-TRIGR-ACTIONS parameter specified that a dataset was to be created when all the conversion jobs associated with the current operation were marked as complete, however the dataset identified by parameter: CNV-JOB-TRIGR-CREATE-DSN is not valid.
- Action: Ensure that the dataset identified by CNV-JOB-TRIGR-CREATE-DSN does not exist and contains a valid dataset name, if not correct parameter CNV-JOB-TRIGR-CREATE-DSN to reflect the correct dataset name and rerun the conversion job.

OT000267E MEMBER WRAP = NO, MAX # OF MEMBERS IN DSN: xxx

- Reason: The maximum number of members has been created within the partitioned dataset identified as xxx and the parameter CNV-JOB-TRIGR-MEMBER-WRAP has been specified or defaulted to NO.
- Action: Specify the parameter CNV-JOB-TRIGR-MEMBER-WRAP as "YES" to permit members to be reused within the partitioned dataset identified as: xxx, or set the parameter CNV-JOB-TRIGR-MAXIMUM-MEMBER-COUNT to a higher value to permit more members to be created in the partitioned dataset identified.

OT000268E MEMBER WRAP = NO AND MEMBER: xxx EXISTS IN DSN: yyy

- Reason: The parameter: CNV-JOB-TRIGR-MEMBER-WRAP has been specified or defaulted to NO and the member identified as xxx exists in the partitioned dataset identified as yyy.
- Action: Specify the parameter CNV-JOB-TRIGR-MEMBER-WRAP as "YES" to permit member names to be reused, or delete unneeded members from the partitioned dataset identified.

OT000269E ALLOCATION FAILED FOR DSN: xxx

- Reason: An attempt to dynamically allocated a dataset identified as: xxx failed. This message will also be accompanied by message: OT000223E.
- Action: Contact Technical Support for assistance.

OT000270E INTERNAL LOGIC ERROR, CODE= xxx

- Reason: An unrecoverable error has been detected by the conversion job trigger dataset create/update routine. A U0100 abend will occur and a storage dump should be produced. xxx identifies the detected error.

Code 04	The termination routine was called more than once.
Code 05	A resource ENQ terminated with an error.
Code 06	A resource DEQ terminated with an error.
Code 10	The Trigger Control dataset could not be opened.
Code 11	The Trigger Control dataset is not a PDSE.

- Action: Contact Technical Support for assistance. Please have the sysout and storage dump available to send to Technical Support, if generated.

OT000271E UNABLE TO ADD MEMBER: xxx TO DSN: yyy

- Reason: The member identified as xxx could not be added to the dataset identified as yyy.
- Action: Ensure that the member identified as xxx does not exist in the dataset identified as yyy. If the member exists, either rerun the conversion job with parameter CNV-JOB-TRIGR-MEMBER-WRAP specified as "YES" to permit member wrapping, or delete the member identified as xxx from the dataset identified as yyy. This message may also be accompanied by message OT000223E.

OT000273I EXCPVR WAS REQUESTED BUT IBM LBI FIX IS NOT ON. EXCP WILL BE USED.

- Reason: The EXCPVR option was chosen on an OS/390 R2.10 or later system. A dataset to be copied had a block size MVS was aware of that was greater than 32,760 bytes, so it required that the Large Block Interface (LBI) be used. However, the IBM fix that allows EXCPVR to work with LBI was not found on the system.
- Action: Tape/Copy will use plain EXCP for that dataset and any others that have LBI large block sizes. Datasets with block sizes no larger than 32,760 will use EXCPVR. Datasets produced by Utility programs such as DSF and FDR that have large block sizes, but whose actual block sizes are not known to MVS will also use EXCPVR, as LBI is not needed. Contact IBM to get the fix which allows EXCPVR to be used with LBI.

OT000278C PROGRAM xxx IS OBSOLETE, REFER TO USER GUIDE TO DETERMINE REQUIRED ACTION(S)

- Reason: The JCL that is being executed was not created using the current release of the product, or the product PARMLIB is not set up for the release of the product that you are executing.
- Action: Rebuild the JCL using the ISPF Dialog options and/or review the upgrade installation instructions to verify that the upgrade was performed correctly.

OT000279E NO AUDITLOG FILE IS DEFINED

- Reason: An Audit Log Report was requested but there was no Audit Log file name defined by the AUDIT-LOG-FILE-GDG-BASE-NAME parameter in the Tape/Copy PARMLIB library and no run time AUDIT-LOG-FILE-GDG-BASE-NAME parameter value in the PGMSETS DD.
- Action: Set the value of the AUDIT-LOG-FILE-GDG-BASE-NAME parameter in the Tape/Copy PARMLIB library USERSETS member or add a AUDIT-LOG-FILE-GDG-BASE-NAME entry to the PGMSETS DD. Resubmit the job.

OT000284D xxx : yyy IN DSN: zzz OVERRIDDEN W/DDN: aaa

- Reason: This is a diagnostic message produced only in diagnostic mode.
- Action: Contact Technical Support for assistance.

OT000287I TMC DUMP/SORT/SUMMARIZE COMPLETE/BYPASSED

Reason: This informational message tracks the progress of the candidate selection job process.

Action: No user action is required. This is an informational message only.

OT000288I GENERATION OF CANDIDATE DATASET FILE COMPLETE/BYPASSED

Reason: This informational message tracks the progress of the candidate selection job process.

Action: No user action is required. This is an informational message only.

OT000289I GENERATION OF CONVERSION JCL COMPLETE/BYPASSED

Reason: This informational message tracks the progress of the candidate selection job process.

Action: No user action is required. This is an informational message only.

OT000290W TAPE/COPY *aaa* JOB *nnn/xxx rrr* RESOURCES OWNED BY *jjj* ON *sss*

OT000290E TAPE/COPY *aaa* JOB *nnn/xxx rrr* RESOURCES OWNED BY *jjj* ON *sss*

Reason: The Tape/Copy candidate or conversion job represented by *aaa* (CSEL for candidate selection or CONV for conversion) with a Job Name of *nnn* and a job number of *xxx* is waiting for or unable to obtain resources as Identified by *rrr* (IS WAITING FOR or CANNOT OBTAIN resources) owned by a Tape/Copy candidate selection or conversion job with a Job Name of *jjj* running on a system with a system id of *sss*.

Action: This message is repeated once based on the number of minutes specified as the value of the PREVENT-CANDSEL-FROM-RUNNING-WITH-CONV-WAITTIME parameter as the Tape/Copy candidate selection and/or conversion job waits for resources to be freed. When the maximum number of wait iterations has taken place the message is issued a final time with the message number changed from OT000290W to OT000290E and job is abended. Determine why the candidate selection/conversion job was unable to obtain its resources and correct and rerun, if necessary change the value of the PREVENT-CANDSEL-FROM-RUNNING-WITH-CONV-WAITTIME parameter to specify a larger number of minutes to wait between enqueue attempts to prevent the abend.

OT000291I NO VOLUMES MET CRITERIA SUPPLIED BY DDNAME: DCPCTCTL

Reason: No volumes with utilization percentages matching any of the selection values supplied by the file associated with DCPCTCTL.

Action: Verify that the selection criteria specified was valid and re-run the Dual Copy Inventory Report job. Contact Technical Support for assistance, if required.

OT000292E FORMAT 1 DSCB NOT FOUND: xxx

- Reason: During processing an attempt was made to read the format 1 label for the dataset name substituted within the msg text, the dataset was not found on disk. This message will normally be followed by an User Abend 100.
- Action: Save all job related output and contact Technical Support for assistance.

OT000293I RETURN CODE: xxx REASON CODE: yyy

- Reason: An error was detected during processing, the return code and reason code are displayed within the message text, this message will normally be followed by an User Abend 100.
- Action: Save all job related output and contact Technical Support for assistance.

OT000294E LRECL OF *ddname* DATASET IS NOT 80 BYTES

- Reason: During the processing of the dataset identified by *ddname* it was determined that the dataset LRECL dataset was not 80 bytes.
- Action: If this error occurs during processing then this message will be followed by a U0100 abend and dump. Correct the problem and retry failing operation. If problem persists, contact Technical Support for assistance.

OT000295E DSORG OF *ddname* DATASET IS NOT PS OR PO

- Reason: During the processing of the dataset identified by *ddname* it was determined that the dataset organization was not physical sequential or partitioned.
- Action: If the error occurs then this message will be followed by a U0100 abend and dump. Correct the problem and retry failing operation. If problem persists, contact Technical Support for assistance.

OT000296E RECFM OF *ddname* DATASET IS NOT F, FB OR FBS

- Reason: During the processing of the dataset identified by *ddname* it was determined that the dataset RECFM was not fixed, fixed block or fixed block standard.
- Action: If the error occurs during processing then this message will be followed by a U0100 abend and dump. Correct the problem and retry failing operation. If problem persists, contact Technical Support for assistance.

OT000297E *ddname* DATASET MUST BE A DASD DATASET AND CATALOGED

- Reason: During the processing of the dataset identified by *ddname* it was determined that the dataset was not cataloged or not a DASD dataset.
- Action: Ensure that the candidate dataset is on DASD and cataloged. Correct the problem and retry failing operation. If problem persists, contact Technical Support for assistance.

OT000298E VMSIO 1...5...0... FAILURE

Reason: An unexpected condition was detected as a result the program will abnormally terminate with a user 100 abend.
Action: Please contact Technical Support for assistance.

OT000299E VMSIO *fff* FAILURE, EC:*nnn*

Reason: This message may follow/accompany OT000301D. *fff* is the IO function in progress and *nnn* is the internal return code.
Action: Contact Technical Support for assistance.

OT000300C NO TYPE 30 SMF RECORD EXTRACTS TO PROCESS

Reason: There were no additional type 30 SMF records to apply to the conflict management database.
Action: Check the SMF input files the conflict management process uses to insure that there are no type 30 SMF records to process against. This is an unlikely occurrence unless there have been a very long tape usage outage in which no tape related SMF records were generated.

OT000301D VMSIO DC: *nnn*

Reason: This message may follow/accompany OT000299E. *nnn* is the internal return code.
Action: Contact Technical Support for assistance.

OT000302E VSMIO ERROR: *rrr*, ENCOUNTERED WHILE PROCESSING THE QFILE, RPLFDBWD=X'00000000'

Reason: The VSAM IO interface has encountered an error while processing the Advanced Recall QFILE. *eee* is the error type and the VSAM error code is *rrr*.
Action: Save all job output from the Advanced Recall Started Task and contact Technical Support for assistance.

OT000303E IDCAMS FUNCTION FAILURE - SEE IDCSPR DD FOR SPECIFIC FAILURE AND DIAGNOSTIC INFORMATION'

Reason: A request to IDCAMS resulted in an unexpected return code. IDCAMS has printed diagnostic information on the IDCSPR DD.
Action: Review the failure information written to the IDCSPR DD. If necessary, contact Technical Support for assistance.

OT000305D R0: / R15:

Reason: This message is issued in conjunction with other error messages, it identifies the contents of Register 0 and Register 15 at the time certain errors are encountered.
Action: No action required, however should you contact Technical Support for assistance, please be sure that you have this and other messages available.

OT000306E OAM UPDATE PROGRAM CANNOT BE RUN WHILE OAM IS ACTIVE

OT000306I OAM UPDATE PROGRAM CANNOT BE RUN WHILE OAM IS ACTIVE

Reason: The OAM Update program OTTC0059 was run while the OAM address space was active. If the OAM Update program is running with PARM=SIM, this message will be issued as an informational message (OT000306I) and processing continues as normal. If PARM=SIM is not specified, then the message will indicate an error and the following "action" text should be reviewed for action.

Action: Stop the OAM address space on this system and all other systems that share the DB2 tables with OAM on this system. Then, rerun the OAM Update program.

4

Utility Layer Messages (WTOs)

TOPICS COVERED IN THIS CHAPTER

[Utility Layer Message Format \(page 4-2\)](#)

[Utility Layer Message Code Descriptions \(page 4-3\)](#)

Introduction

Utility layer messages (WTOs) are prefixed by OTUL* and are issued to the job log when errors are detected during processing. These messages are sometimes followed by a U0100 abend to stop processing, or the job will continue processing but issue a return code other than zero (RC=0). Utility layer messages are used by other OpenTech Systems' products, so there may be messages listed in this chapter that do not apply to the Tape/Copy product.

Utility Layer Message Format

The format of all utility layer message codes is as follows:

Message Code	Message Type	Description
OTULnnnnI	Informational	This message is used to provide the user information only.
OTULnnnnW	Warning	This message is issued to warn the user of possible unpredictable results. Sometimes a U0100 abend occurs.
OTULnnnnD	Diagnostic	This message is issued for diagnostic purposes. Sometimes a U0100 abend occurs.
OTULnnnnE	Error	This message is issued to alert the user to an error that results in a U0100 abend.
OTULnnnnA	Action (WTOR)	This message is issued to prompt the user for feedback or a reply.

Utility Layer Message Code Descriptions



Note To locate a message code, use the Adobe Reader's "Find" tool (binocular icon on the tool bar, at the top of your screen). Single-click on the binocular icon, and type in the name of the message you wish to locate. All message codes are also listed in the Index.

OTUL0001W INVALID LIBRARY INTERFACE NAME SPECIFIED IN LIBRYDEF PARMLIB MEMBER: xxx

OTUL0001W SEE ATLLDIAG DD REPORT FOR DIAGNOSTIC INFORMATION

Reason: The Library Interface name (*xxx*) was found in the LIBRYDEF member of the OpenTech product PARMLIB, but a corresponding value was not found in the list of supported Library Interface names. An ATL Driver Loading Diagnostic Report is created.

Action: Review and correct the LIBRYDEF entry, the diagnostic report written to the ATLLDIAG DD might be helpful. If necessary, contact Technical Support for assistance.

OTUL0002W NO ATL DRIVERS ARE LOADED

OTUL0002W SEE ATLLDIAG DD REPORT FOR DIAGNOSTIC INFORMATION

Reason: The ROBOTIC-TAPE-ENVIRONMENT-PRESENT parameter was set to 'YES' but no valid entries were found in the LIBRYDEF member of the OpenTech product PARMLIB. An ATL Driver Loading Diagnostic Report is created.

Action: If no supported ATL interfaces are in use set the ROBOTIC-TAPE-ENVIRONMENT-PRESENT parameter to 'NO'. Otherwise, review and correct the LIBRYDEF entries, the diagnostic report written to the ATLLDIAG DD might be helpful. If necessary, contact Technical Support for assistance.

OTUL0003W xxx API MODULE: yyy NOT FOUND IN zzz

Reason: The API Load Module (*yyy*), for Library Interface (*xxx*), was not found in the library specified(*zzz*).

1st field = Tape Library Interface name
2nd field = API Load Module name
3rd field = load library specified in LIBRYDEF

Action: Review and correct the LOADLIB= specification in the corresponding LIBRYDEF entry. If necessary, contact Technical Support for assistance.

OTUL0004W xxx STATEMENT ERROR: yyy

Reason: The listed PARMLIB member (*xxx*) contains an invalid statement (*yyy*).

Action: Review the documentation for the specified PARMLIB member and correct the error. If necessary, contact Technical Support for assistance.

OTUL0005W xxx EJECT/LOOKUP DRIVER DISABLED

- Reason: The specified Tape Library Interface (xxx) did not initialize properly. Future attempts to communicate with it will be disabled for the remainder of the current job run.
- Action: Correct any other errors reported by previous WTO messages. If the specified Tape Library Interface is no longer in use remove it's specification from the LIBRYDEF member.

OTUL0006W ATL MANAGEMENT SYSTEM IS NOT ACTIVE: xxx

- Reason: The executing program is unable to communicate with the ATL control software. xxx is the name of the ATL control software.
- Action: Check to ensure the ATL control software is up and active. If the ATL control software is verified as active and this message is still being issued, contact Technical Support for assistance. If the ATL control software is not active remove it's specification from the LIBRYDEF member to eliminate this message.

OTUL0007I TAPE VOLUME IS NOT FOUND IN ATL: xxx API NAME: yyy

- Reason: This information message indicates that the volser that was attempting to be ejected (xxx) is not in the ATL. yyy denotes the API in use.
- Action: This is an information message only. No user action is required.

OTUL0008I TAPE VOLUME IS VIRTUAL: xxxxxx API NAME: yyy ATL ID:zzz

- Reason: This information message indicates that the volser that was to be ejected was a virtual volume and as such, will not be ejected.
- Action: This is an information message only. No user action is required.

OTUL0009I TAPE VOLUME IS EJECTED FROM ATL: xxx API NAME: yyy ATL ID: zzz

- Reason: This information message indicates that the volser has been requested to be to be ejected from an ATL.
- Action: No action required.

OTUL0010W EJECT FAILED FOR VOLUME: xxxxxx API NAME: yyy ATLID: zzz

- Reason: The attempt to eject the volume failed.
- Action: No user action required. This is a warning message only.

OTUL0011I RETURN CODE: X'00000000' REASON CODE: X'00000000'

- Reason: This message lists the Return Code and Reason Code that are related to the previous WTO message. See the description for that message for specific details.
- Action: No user action required. This is a warning message only.

OTUL0012W EJECT IS NOT CURRENTLY SUPPORTED FOR VOLUME: vvvvvv API NAME: yyy ATL ID: zzz

Reason: The eject feature is not supported for the volume that was requested to be ejected.

Action: No user action required. This is a warning message only.

OTUL0013E DD STATEMENT IS MISSING: xxx

Reason: A required DD statement is not present in the currently executing job step. xxx is the DD name of the missing DD statement.

Action: Add the missing DD statement and rerun the job. If necessary, contact Technical Support for assistance.

OTUL0014E DD STATEMENT MAY NOT BE DUMMY: xxx

Reason: A required DD statement is incorrectly defined as DUMMY. xxx is the DD name of the incorrectly defined DD statement.

Action: Specify valid DD statement information and rerun the job. If necessary, contact Technical Support for assistance.

OTUL0015E UNABLE TO SCRATCH DATASET: xxx

Reason: An attempt was made to scratch the cataloged dataset xxx by an internally invoked IDCAMS. This message is accompanied by IDCAMS messages in the SYSPRINT DD output.

Action: Review the IDCAMS messages to determine the cause of the failure. If necessary, contact Technical Support for assistance.

OTUL0016E UNABLE TO SCRATCH UNCATALOGED DATASET: xxx vvvvvv

Reason: An attempt was made to scratch the uncataloged dataset xxx. vvvvvv is the volume serial number that contains the uncataloged dataset. This message is always accompanied by message OTUL0029I which gives additional diagnostic information.

Action: Contact Technical Support for assistance.

OTUL0017E UNABLE TO SUCCESSFULLY xxx REQUESTED STORAGE:

OTUL0017E R15=X"00" STORAGE AREA LENGTH=X"00" STORAGE AREA ADDRESS=X"00"

Reason: An attempt to OBTAIN or RELEASE storage has failed (xxx indicates OBTAIN or RELEASE).

Action: If the failure was an attempt to OBTAIN storage, increase the region available to the job (using REGION= on the job card) and retry the job. If the OBTAIN failure reoccurs or if the failure was on a RELEASE action, contact Technical Support for assistance.

OTUL0018E FORMAT 1 DSCB NOT FOUND: xxx vvvvvv

- Reason: The format 1 DSCB for dataset *xxx* on DASD volume serial number *vvvvvv* was not found. Message OTUL0029I accompanies this message with additional diagnostic information.
- Action: Recall the listed dataset if it is migrated. Otherwise, contact Technical Support for assistance.

OTUL0019E UNABLE TO DEFINE REQUIRED GDG BASE: xxx

- Reason: The conversion process dynamically defines the GDG bases it requires for processing. The dynamic GDG definition procedure failed. *xxx* is the name of the GDG base being defined.
- Action: Review the IDCAMS SYSPRINT to determine the cause of the failure. If necessary, contact Technical Support for assistance.

OTUL0020E UNABLE TO OBTAIN DEVICE UCB ADDRESS: vvvvvv

- Reason: The executing program was unable to determine the UCB device address for volume serial number *vvvvvv*. This message is accompanied by message OTUL0032I with additional diagnostic information.
- Action: Contact Technical Support for assistance.

OTUL0021E IDCAMS FUNCTION FAILURE - SEE IDCYSYPR DD FOR SPECIFIC FAILURE AND DIAGNOSTIC INFORMATION

- Reason: A request to IDCAMS resulted in an unexpected return code. IDCAMS has printed diagnostic information on the IDCYSYPR DD.
- Action: Review the failure information written to the IDCYSYPR DD. If necessary, contact Technical Support for assistance.

OTUL0022E VSAM FUNCTION FAILURE: xxx FOR ddddd

OTUL0022E VSAM RECORD KEY: kkkkkk

OTUL0022E RETURN CODE: X'00' REASON CODE: X='00' SHOWCB(0000): X'00'

- Reason: An internally invoked VSAM function failed to complete properly. *xxx* is the name of the failing VSAM function, *dddddd* is the cluster name, *kkkkkk* is the key value of the failing VSAM record function request.
- Action: Contact Technical Support for assistance.

OTUL0023E VOLSER=vvvvvv IS NOT FOUND IN THE TAPE MANAGEMENT DATABASE

- Reason: The specified tape volume serial number is not defined in the tape management system database. *vvvvvv* is the failing tape volume serial number.
- Action: Verify that the volser is in the tape management system's database. If the volser is found in the database and this message is still being issued, contact Technical Support for assistance.

OTUL0024E DATASET IS NOT CATALOGED: xxx

- Reason: The executing program was unable to retrieve system catalog information for a dataset. xxx is the dataset name that had no catalog entry.
- Action: Verify that the installation settings are correct. If necessary, contact Technical Support for assistance.

OTUL0025E UNABLE TO ASSIGN SPACE FOR TEMPORARY VSAM DATASET: xxx

- Reason: A VSAM work file was unable to be dynamically allocated. The dynamic allocation parameters did not define enough space for the executing program to make its dynamic allocation. xxx is the name of the VSAM work file that was not allocated.
- Action: Verify the settings of the DYNAMIC-ALLOCATION-* parameters to assure they target a DASD pool with sufficient space. If necessary, contact Technical Support for assistance.

OTUL0026E NO VALID RECORDS WERE FOUND IN DATASET: xxx

- Reason: A work dataset was empty when the executing program expected to find data. xxx is the name of the work file that is in error.
- Action: Verify that the selection criteria that was specified does not eliminate all candidates. If necessary, contact Technical Support for assistance.

OTUL0027E UNABLE TO AUTO RECALL DATASET: xxx

- Reason: The conversion program will auto-recall and wait for any of its datasets if they should become archived by your DASD archival product. The auto-recall failed. xxx is the dataset name that failed to auto-recall.
- Action: Manually recall the specified dataset. Contact Technical Support if this problem is recurring.

OTUL0028W TAPE MULTI-VOLUME DATASET HAS A BROKEN CHAIN: xxx vvvvvv

- Reason: A multi-volume tape dataset volser pointer chain is corrupted and will be bypassed. xxx is the tape dataset name and vvvvvv is the tape volser number that has the corrupted chain pointers.
- Action: Refer to your tape management system procedures to recover the dataset or rebuild the multi-volume chain pointers. If necessary, contact Technical Support for assistance.

OTUL0029E FILE HAS 0 BLOCKSIZE AND WOULD CAUSE AN S013-34 ABEND IF OPENED: xxx

- Reason: A file with a 0 block size has been detected by the product and is being rejected because of a potential S013-34 abend. xxx indicates the file name.
- Action: Verify that the file was selected by the proper conversion engine by reviewing the configuration of the PROPRIET table in the PARMLIB. If necessary, contact Technical Support for assistance.

OTUL0030I DSN RECORD NOT FOUND IN TAPE MGMT CATLG: xxx

Reason: The requested dataset record was not found in the tape management catalog. xxx is the record.

Action: Contact Technical Support for assistance.

OTUL0031E FORMAT 4 DSCB NOT FOUND: vvvvvv

Reason: No format 4 DSCB was found on the volume specified by vvvvvv.

Action: Contact Technical Support for assistance.

OTUL0032I RETURN: X'00' REASON CODE: X'00'

Reason: This is an informational message that provides additional diagnostic information. This message will always be preceded by another OTUL* message which will detail the exact reason for this current failure.

Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OTUL0033I FAILING PROGRAM NAME: xxx

Reason: This is an informational message that provides additional diagnostic information. xxx is the program name where the current failure originated.

Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OTUL0034I REQUESTED UCB DEVICE TYPE=X'00' ACTUAL UCB DEVICE TYPE=X'00'

Reason: This is an informational message that accompanies messages OTUL0038E, OTUL0039E and OTUL0040E. This message supplies additional diagnostic information related to the accompanied messages.

Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OTUL0035E SPECIFIED UCB DEVICE ADDRESS (xxx) FOR INPUT/OUTPUT IS NOT AVAILABLE

Reason: A user selected UCB device address is not available for usage. xxx is the name of the user selected UCB device address.

Action: Verify that the UCB addresses are properly configured in the tape allocation control table (IOCNTLTB of PARMLIB) or make the requested UCB available. If necessary, contact Technical Support for assistance.

OTUL0036W SPECIFIED UCB DEVICE ADDRESS (xxx) FOR INPUT/OUTPUT IS NOT ONLINE

- Reason: A user selected UCB device address is not online and thereby not available for usage. *xxx* is the name of the user selected UCB device address.
- Action: Verify that the UCB addresses are properly configured in the tape allocation control table (IOCNTLTB of PARMLIB) or bring the requested UCB online. If necessary, contact Technical Support for assistance.

OTUL0037W SPECIFIED UCB DEVICE ADDRESS (xxx) FOR INPUT/OUTPUT IS IN USE BY ANOTHER TASK

- Reason: A user selected UCB device address is in use by another task and thereby not available for usage. *xxx* is the name of the user selected UCB device address.
- Action: Wait for the requested UCB to become available, or specify another UCB address. If necessary, contact Technical Support.

OTUL0038E SPECIFIED UCB DEVICE ADDRESS (xxx) FOR INPUT/OUTPUT IS NOT A TAPE DRIVE

- Reason: A user selected UCB device address is not a tape drive and thereby not available for usage. *xxx* is the name of the user selected UCB device address. This message is accompanied by message OTUL0034I with additional diagnostic information.
- Action: Verify that the UCB addresses are promptly configured in the tape allocation control table (IOCNTLTB of PARMLIB). If necessary, contact Technical Support for assistance.

OTUL0039E SPECIFIED UCB DEVICE ADDRESS (xxx) FOR INPUT/OUTPUT IS NOT THE CORRECT UCB DEVICE TYPE

- Reason: A user-selected UCB device address is not the correct tape drive type for processing the selected tape candidate datasets. *xxx* is the name of the user-selected UCB device address. This message is accompanied by message OTUL0034I with additional diagnostic information.
- Action: Verify that the UCB addresses are promptly configured in the tape allocation control tables (IOCNTLTB of PARMLIB) and/or specify a UCB with the correct device type for the selected tape media. If necessary, contact Technical Support for assistance.

OTUL0040E INVALID EDT UNIT NAME SPECIFIED FOR INPUT/OUTPUT -xxx

- Reason: A user-selected EDT unit name is invalid. *xxx* is the invalid user selected EDT unit name. This message is accompanied by message OTUL0034I with additional diagnostic information.
- Action: Specify a unit name that is listed in the system EDT or use an '@' before the unit name in the IOCNTLTB member of PARMLIB. If necessary, contact Technical Support for assistance.

OTUL0041W SPECIFIED UCB DEVICE ADDRESS (xxxx) FOR INPUT/OUTPUT IS GOING OFFLINE

Reason: The device that was specified for dynamic allocation is going offline. *xxxx* is the UCB device address.

Action: Re-run the job after the device is back online or supply other devices.

OTUL0042E NO AVAILABLE DEVICES FOR INPUT/OUTPUT - UNIT NAME=*xxx*

Reason: The user select UCB device type does not contain enough total available tape drives for further processing. *xxx* is the unit name.

Action: Wait for more devices to become available. If necessary, contact Technical Support for assistance.

**OTUL0043E INVALID INPUT/OUTPUT DEVICE TYPE SELECTION: MEDIA NAME=*xxx*
TAPENAME=*yyy***

Reason: No valid entry was found in the IOCNTLTB that matched the specified combination of Media Name, Tapename, and INPUT/OUTPUT.

Action: Add an entry to the IOCNTLTB that matches the specified Media Name, Tapename, INPUT/OUTPUT, and whose Unitname value is not N/A. If necessary, contact Technical Support for assistance.

OTUL0044E CURRENTLY UNSUPPORTED SORT PRODUCT: *xxx*

Reason: The sort product your data center uses is currently unsupported.

Action: Specify a supported sort product in the SORT-PRODUCT-NAME parameter of the USERSETS in PARMLIB. If necessary, contact Technical Support for assistance.

OTUL0045E INVALID FUNCTION CODE RECEIVED FROM CALLING PROGRAM

Reason: A request to update the tape management dataset was received by the updating routine but an invalid function code was specified in the processing control record.

Action: Contact Technical Support for assistance.

OTUL0046I TAPE DATABASE EXTRACT PHASE COMPLETE/BYPASSED

Reason: This informational message tracks the progress of the data collection process.

Action: No user action is required. This is an informational message only.

OTUL0047I TAPE DATABASE SORT PHASE COMPLETE/BYPASSED

Reason: This informational message tracks the progress of the data collection process.

Action: No user action is required. This is an informational message only.

OTUL0048I TAPE DATABASE SUMMARIZATION PHASE COMPLETE/BYPASSED

Reason: This informational message tracks the progress of the data collection process.

Action: No user action is required. This is an informational message only.

OTUL0049E IOCNTLTB DOES NOT CONTAIN ANY VALID ENTRIES

Reason: The initial load of the IOCNTLTB PARMLIB member did not find any valid entries.

Action: Review the IOCNTLTB member. If it is empty (or only contains comments), run the SETUP JCL explained during installation. If required, contact Technical Support for assistance.

OTUL0050D zzz R0: xxx / R15: yyy

Reason: This message is issued in conjunction with other error messages, it identifies the contents of Register 0 and Register 15 at the time certain errors are encountered.

Action: No action required, however should you contact Technical Support for assistance, please be sure that you have this and other messages available.

OTUL0051E zzz PROCESSING ERROR CODE: xxx

Reason: An internal processing error occurred during processing, the CODE: zzz identifies the module. xxx identifies the failure.

The following table summarizes the ERROR CODE values:

- 15 - Directory Services failure
- 16 - Storage Release failure
- 18 - CTRLPDSE Allocation failure
- 19 - USERPDSI Allocation failure
- 20 - USERSEKI Allocation failure
- 21 - USERSEQO Allocation failure
- 22 - Find failure
- 23 - Stow ADD failure
- 24 - Stow REPLACE failure
- 25 - ENQ failure
- 26 - DEQ failure
- 27 - CTRLPDSI is not a PDSE
- 28 - ISITMGD failure

Action: Contact Technical Support for assistance.

OTUL0052I CONSOLE INTERFACE IS NOW ACTIVE

Reason: This message is issued when the OpenTech product is ready to accept operator commands.

Action: No action required.

OTUL0053E SORT FUNCTION FAILURE - SEE SORT SYSOUT DD FOR SPECIFIC FAILURE AND DIAGNOSTIC INFORMATION

Reason: A call to SORT has failed.
Action: Check the SYSOUT DD for messages that the sort product produces to determine the cause of the sort failure. Correct the problem, if possible. Contact Technical Support, if necessary. Technical Support will need to see the SYSOUT DD for review of the problem.

OTUL0054E MAXIMUM NUMBER OF ENTRIES IN TABLEDEF EXCEEDED,ABORTING.

Reason: The PARMLIB member, TABLEDEF, has an excessive number of parameters.
Action: Execution is terminated. Contact Technical Support for assistance.

OTUL0055E DDNAME/MEMBER NAME NOT FOUND: xxx/yyy

Reason: The PARMLIB member name / DD name identified by *xxx/yyy* was not found.
Action: Execution is terminated. Contact Technical Support for assistance.

OTUL0056E xxx yyy FOUND IN WRONG PARMLIB, DSN: zzz

Reason: The PARMLIB member (*yyy*) was found in the wrong PARMLIB dataset (identified by *zzz*) by utility function (*xxx*). This error occurs when the PARMLIB member is not found in the last or only dataset in the OTPRMLIB dataset concatenation.
Action: The job is terminated. Contact Technical Support for assistance.

OTUL0057E xxx MEMBER yyy MAY NOT HAVE A DDNAME OVERRIDE

Reason: The PARMLIB member (*yyy*) may not have a DD statement override. The error condition was detected by utility function *xxx*.
Action: The job is terminated. Contact Technical Support for assistance.

OTUL0058D xxx MEMBER yyy READ FROM DDNAME: zzz BY: aaa

Reason: This is a diagnostic message produced only in diagnostic mode.
Action: Contact Technical Support for assistance.

OTUL0059D xxx MEMBER yyy WRITTEN TO DDNAME: zzz BY: aaa

Reason: This is a diagnostic message produced only in diagnostic mode.
Action: Contact Technical Support for assistance.

OTUL0060D xxx HAS BEEN UNLOADED

Reason: The program module (*xxx*) has been unloaded.
Action: This is a diagnostic message only.

OTUL0061E xxxxxx ERROR ATTEMPTING TO WRITE MEMBER: yyyyyyy

Reason: The utility layer module, identified by *xxxxxx* encountered an error while attempting to write member *yyyyyyyy* to the OTPRMLIB DD.

Action: Contact Technical Support for assistance.

OTUL0062E RETC: xxx RSNC: yyy MODID: zz ON DSN: nnnn

Reason: While invoking the Catalog Search Interface, an error was returned. *xxx* is the CSI return code. *yyy* is the CSI reason code. *zz* is the CSI module id. *nnnn* is the dataset name.

Action: Contact Technical Support for assistance.

OTUL0063I AMS SUBTASK INITIALIZING

Reason: OTINIT processing has issued an attach for the IDCAMS subtask (OTUL0014).

Action: No action necessary. This is only an informational message.

OTUL0064I AMS SUBTASK ACTIVE

Reason: The IDCAMS subtask (OTUL0014) is active and waiting for input.

Action: No action necessary. This is only an informational message.

OTUL0065I AMS SUBTASK TERMINATING

Reason: OTINIT has requested that the IDCAMS subtask (OTUL0014) terminated.

Action: No action necessary. This is only an informational message.

OTUL0066I AMS SUBTASK INACTIVE

Reason: The IDCAMS subtask (OTUL0014) has been successfully detached.

Action: No action necessary. This is only an informational message.

OTUL0067E EDITTBL IS EMPTY

Reason: The EDITTBL contains the value editing rules for all of the product parameters. This table should never be empty and indicates corruption of the editing rules loaded from the PARMLIB.

Action: Contact Technical Support for assistance.

OTUL0068E ENTRY NOT FOUND IN EDITRTNS MATRIX: xxx

Reason: The PARMLIB(EDITRTNS) member has an entry missing or corrupted. *xxx* is the name of the parameter for which EDITRTNS does not have a matrix entry.

Action: Reinstall the OpenTech product, or contact Technical Support for assistance.

OTUL0069E ONE OR MORE PARAMETER VALUES ARE IN ERROR - SEE PARAMETER ERROR REPORT FOR SPECIFIC DIAGNOSTIC INFORMATION

- Reason: During parameter validation, one or more parameters were found to be in error. The Parameter Error Report lists all of the parameters that failed their validation.
- Action: Review the Parameter Error Report to find which parameter is in error and correct it in your USERSETS or the PGMSETS DD statement.

OTUL0070I PARAMETER *xxx* IS OBSOLETE - REMOVE IT FROM USERSETS/PGMSETS

- Reason: This informational message is displayed when an obsolete parameter is specified in the PARMLIB's USERSETS member or in the PGMSETS DD statement. *xxx* is the name of the obsolete parameter.
- Action: The job will continue processing. However, the specified parameter should be removed from USERSETS and/or PGMSETS to avoid this message in the future.

OTUL0071E EXCPVR APPENDAGE SUFFIX SUPPLIED DOES NOT BELONG TO A MODULE IN LPA

- Reason: The EXCPVR option was requested but the suffix supplied by the EXCPVR-IO-APPENDAGE-SUFFIX parameter did not name a module that exists in LPA. The SIO appendage must be placed in the LPA with a name of IGG019*xx* (where *xx* is between WA - Z9, as per IBM requirements). A test to determine if a module with that suffix was in LPA has failed.
- Action: The job is terminated. Verify that the value supplied by the EXCPVR-IO-APPENDAGE-SUFFIX parameter is valid. If necessary, contact Technical Support for assistance.

OTUL0072E EDIT ROUTINE *xxx* IS NOT DEFINED

- Reason: Edit routine number *xxx*, specified in EDITRTNS, is not defined.
- Action: This error can be caused by a corrupted EDITRTNS member in the product's PARMLIB. Contact Technical Support for assistance.

OTUL0073W TAPENAME VALUE SPECIFIED IN IOCNTLTB ENTRY IS INVALID

- Reason: TAPENAME value specified in the listed IOCNTLTB entry is not a valid entry. See WTO message OTUL0074I for details on the IOCNTLTB statement in error.
- Action: Correct the IOCNTLTB entry to list a value that is defined in the TAPENAME member of the OpenTech product PARMLIB.

OTUL0074I IOCNTLTB ENTRY=

- Reason: This message is issued in conjunction with message OTUL0073W.
- Action: This is an information message only. See message action for OTUL0073W for more information.

OTUL0075E UNABLE TO DELETE REQUESTED LOAD MODULE: xxx

Reason: The dynamic load module processing routine was unable to remove the requested load module from storage. xxx is the failing load module name.

Action: Contact Technical Support for assistance.

OTUL0076E INVALID LOAD OBJECT FUNCTION CODE f FOR LOAD MODULE: xxx

Reason: An invalid function code was passed to the dynamic load module processing routine. f is the failing function code. xxx is the failing load module name.

Action: Contact Technical Support for assistance.

OTUL0077E LOAD MODULE TABLE IS FULL - CONTACT OPENTECH SYSTEMS FOR ASSISTANCE

Reason: The program table contained within the dynamic load module processing routine has filled up.

Action: Contact Technical Support for assistance.

OTUL0078W PARMLIB= FOUND ON EXEC PARM STMT, IGNORED

Reason: The PARMLIB= parameter was found on the EXEC JCL statement.

Action: This is a warning message. The PARMLIB= parameter is ignored.

OTUL0079E OTPRMLIB DD STATEMENT NOT FOUND, EXECUTION ABORTED.

Reason: The OTPRMLIB DD JCL statement was not found.

Action: Supply the OTPRMLIB DD JCL statement. Refer to the product User Guide for more information.

OTUL0080W USE OF PARMCNTL DD MAY CAUSE EXCLUSIVE *product* PARMLIB ENQUEUEING.

Reason: The PARMCNTL DD is not longer supported, and it's specification could cause PARMLIB enqueueing.

Action: Remove the PARMCNTL DD from the JCL. Refer to the product User Guide for more information.

OTUL0081I

Reason: The text of this message is replaced with one of the following messages:

OTUL0190 -- BAD PARMLIST, READ NOT VALID WITH MAINT
FUNCTION

OTUL0190 -- BAD PARMLIST, PARM2 IS INVALID

OTUL0190 -- STACKGRP DSN DOES NOT EXIST

OTUL0190 -- STACKGRP DSN

OTUL0190 -- BAD PARMLIST, WRITE SUPPORTED FOR
CONVERSION/CANDSEL JOBS ONLY

OTUL0190 -- BAD PARMLIST, CLEAR SUPPORTED FOR MAINT
PGMS ONLY

OTUL0190 -- BAD PARMLIST, UNKNOWN REQUEEST TYPE.

Action: These errors represent logic errors encountered in certain TapeCopy programs, be sure to save all job related input and output then contact OpenTech Technical support for assistance.

OTUL0082E USERSETS/PGMSETS PARAMETER NAME ERROR: xxx

Reason: A parameter was entered in either USERSETS or the PGMSETS DD that is probably misspelled. xxx is the failing parameter name.

Action: Locate the parameter in error in your USERSETS or the PGMSETS DD and correct the parameter name.

OTUL0083E USERSETS/PGMSETS PARM VALUE MISSING FOR xxx

Reason: A parameter was entered via USERSETS or the PGMSETS DD that did not contain a value. All parameter names must end with a colon(:) before the parameter value can be specified. xxx is the failing parameter name.

Action: Locate the parameter with the missing value in your USERSETS or the PGMSETS DD and correct the parameter value.

OTUL0084E PARAMETER VALUE CONTAINS AN INVALID CHARACTER

Reason: While validating a parameter value, an invalid character for that parameter was detected. This message will be accompanied by messages OTUL0085I and OTUL0086I providing additional diagnostic information.

Action: Use the OTUL0085I and OTUL0086I messages to locate the parameter with the error in your USERSETS or the PGMSETS DD and correct it.

OTUL0085I PARAMETER NAME: xxx

Reason: This is an informational message that accompanies message OTUL0084E and OTUL0088E. xxx is the parameter name being diagnosed.

Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OTUL0086I PARAMETER VALUE: xxx

Reason: This is an informational message that accompanies message OTUL0084E and OTUL0088E. xxx is the parameter value being diagnosed.

Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OTUL0087E INVALID PARAMETER NAME IS SPECIFIED: xxx

- Reason: A parameter was requested by a program that is not defined in the internal parameter table. *xxx* is the failing parameter name.
- Action: Verify that the LOADLIB and PARMLIB are of the same release, version and maintenance level. If necessary, contact Technical Support for assistance.

OTUL0088E USERSETS/PGMSETS PARAMETER NUMERIC VALUE TOO LARGE

- Reason: The value in the listed parameter is too large for numeric conversion. This message is accompanied by messages OTUL0033I and OTUL0034I.
- Action: Contact Technical Support for assistance.

OTUL0089W TABLE CONTINUATION ERROR: FIRST FIELD MAY NOT BE A CONTINUATION CHARACTER

- Reason: This message indicates a continuation error in the newnaming definition table specified by the accompanying messages.
- Action: Check the line indicated in the table specified in the error message and correct the continuation error. If necessary, contact Technical Support for assistance.

OTUL0090W DD/MEMBER NAME=xxx LINE NUMBER=yyy

- Reason: This informational message accompanies OTUL0089W or OTUL0092W. *xxx* is the newnaming definition table where the error occurred. *yyy* indicates line number of the table that the error was found on.
- Action: This is an informational message only. See accompanying messages for suggested user action.

OTUL0091W DATALINE=xxx

- Reason: This informational message accompanies OTUL0089W. *xxx* is the line of the table where the error was found.
- Action: This is an informational message only. See accompanying messages for suggested user action.

OTUL0092W TABLE CONTINUATION ERROR: EXPECTED CONTINUATION NOT RECEIVED

- Reason: This message indicates a continuation error in the newnaming definition table specified by the accompanying messages.
- Action: Check the line indicated in the table specified in the error message and correct the continuation error. If necessary, contact Technical Support for assistance.

OTUL0093W UCB DEVICE TYPE *xxx* NOT FOUND IN UCBDTYPE TABLE, DEFAULT GENERIC NAME USED

- Reason: The UCB device type (specified by *xxx*) is not a standard UCB device type (3420, 3480, 3490, 3590) and it was not listed in the UCBDTYPE member of the PARMLIB.
- Action: Add the specified UCB device type and the corresponding catalog generic name to the UCBDTYPE PARMLIB member. Additionally, the tape files that were processed may need to be recataloged using the appropriate generic name.

OTUL0094E DATASET OPEN FAILURE: RC=X'00'

- Reason: A dataset resource failed to open properly. This message is accompanied by messages OTUL0095I and OTUL0096I with additional diagnostic information.
- Action: Review the return code explanation documented in the DFSMS/MVS Macro Instructions for Datasets Section: Non-VSAM Instructions to determine the cause of the failure. If necessary, contact Technical Support for assistance.

OTUL0095I DATASET NAME: *xxx*

- Reason: This is an informational message that accompanies several error messages. *xxx* is the dataset name being processed by the failing facility.
- Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OTUL0096I DDNAME: *xxx*

- Reason: This is an informational message that accompanies several error messages. *xxx* is the DD name being processed by the failing facility.
- Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OTUL0097E RDJFCB FAILURE: RC=X'00' DDNAME: *xxx*

- Reason: The MVS RDJFCB facility failed for DD name *xxx*.
- Action: Contact Technical Support for assistance.

OTUL0098E DATASET CLOSE FAILURE: RC=X'00'

- Reason: A dataset resource failed to close properly. This message is accompanied by messages OTUL0095I and OTUL0096I with additional diagnostic information.
- Action: Review the return code explanation documented in the DFSMS/MVS Macro Instructions for Datasets Section: Non-VSAM Instructions to determine the cause of the failure. If necessary, contact Technical Support for assistance.

OTUL0099I USER ABEND MODULE TRACE:

- Reason: This is an informational message that accompanies other messages to provide diagnostic information.
- Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OTUL0100I PROGRAM: *xxx* LOAD ADDRESS: *yyy* DISPL: *zzz* ASSEMBLY DATE/TIME: *hhh - mmm*

- Reason: This is an informational message that accompanies other messages to provide diagnostic information.
- xxx* is the program name.
- yyy* is the program load address.
- zzz* is the call displacement.
- hhh - mmm* is the assembly date/time stamp.
- Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OTUL0101I ESTAE RECOVERY: *xxx* IS NOT OPEN

- Reason: This informational message audits the ESTAE error recovery procedure as it recovers from a tape conversion abend. *xxx* is the DD name of the resource in recovery.
- Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OTUL0102I ESTAE RECOVERY: *xxx* IS FORCED CLOSED

- Reason: This informational message audits the ESTAE error recovery procedure as it recovers from a tape conversion abend. *xxx* is the DD name of the resource in recovery.
- Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OTUL0103E ESTAE RECOVERY: *xxx* CLOSE FAILED

- Reason: This message audits the ESTAE error recovery procedure as it recovers from a tape conversion abend. *xxx* is the DD name of the resource in recovery. An unexpected error was encountered during ESTAE recovery. OpenTech's product may not be able to continue processing.
- Action: See the preceding message(s) for the suggested user action.

OTUL0104E DYNAMIC ALLOCATION ERROR: xxx

- Reason: An attempted dynamic allocation failed to complete properly. *xxx* is the program name where the failure occurred. This message is accompanied by messages OTUL0105I, OTUL0106I, OTUL0107I and sometimes OTUL0108I with additional diagnostic information.
- Action: Review the DD name, dataset name and member information given in the associated messages. Also review the dynamic allocation return code information documented in IBM's OS/390 MVS Auth Assembler Services Reference. If necessary, contact Technical Support for assistance.

OTUL0105I RETURN CODE: X'00' ERROR/INFO CODES: X'aaaa/bbbb'

- Reason: This is an informational message that accompanies message OTUL0104E. *aaaa* is the error code and *bbbb* is the information code returned by the failing facility.
- Action: This is an informational message only. See the preceding OTUL0104E message for the suggested user action.

OTUL0106I FAILING DDNAME: xxx

- Reason: This is an informational message that accompanies message OTUL0104E. *xxx* is the DD name that the dynamic allocation failed to properly allocate.
- Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OTUL0107I FAILING DSNAME: xxx

- Reason: This is an informational message that accompanies message OTUL0104E. *xxx* is the dataset name that the dynamic allocation failed to properly allocate.
- Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OTUL0108I FAILING MEMBER: xxx

- Reason: This is an informational message that accompanies message OTUL0104E. *xxx* is the PDS member name that the dynamic allocation failed to properly allocate.
- Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OTUL0109E xxx IS NOT APF AUTHORIZED

- Reason: The OpenTech product LOADLIB is not APF authorized. The OpenTech product LOADLIB must be APF authorized to run on your system.
- Action: APF authorize the OpenTech product LOADLIB, or ask your system administrator for assistance.

OTUL0110E OTUL0071 RECEIVED AN INVALID REQUEST CODE: *f*

- Reason: The OpenTech program OTUL0071 received an unsupported request code. *f* is the request code passed to OTUL0071.
- Action: Contact Technical Support for assistance.

**OTUL0111E BAD RETURN CODE FROM EDTINFO RTNNAMD FACILITY: DEVCLASS=X'00'
R15=X'00' R0=X'00'**

- Reason: The MVS EDTINFO RTNNAMD facility has failed with the listed diagnostic information.
- Action: Review the return code/reason code explanations documented in IBM's OS/390 MVS Auth Assembler Services Reference to determine the cause of the failure. If necessary, contact Technical Support for assistance.

**OTUL0112C NON-ZERO RETURN CODE FROM EDTINFO RTNDEVN FACILITY: UNITNAME=xxx
R15=X'00' R0=X'00'**

- Reason: The MVS EDTINFO RTNDEVN facility has failed with the listed diagnostic information. *xxx* is the unitname that is not found in the EDT.
- Action: Review the return code/reason code explanations documented in IBM's OS/390 MVS Auth Assembler Services Reference to determine the cause of the failure. If necessary, contact Technical Support for assistance.

OTUL0113E UCBSCAN COPY FACILITY ERROR: RETURN CODE=X'00' REASON CODE=X'00'

- Reason: The MVS UCBSCAN COPY facility has failed with the listed diagnostic information.
- Action: Review the return code/reason code explanations documented in IBM's OS/390 MVS Auth Assembler Services Reference to determine the cause of the failure. If necessary, contact Technical Support for assistance.

OTUL0114E UCBSCAN ADDRESS FACILITY ERROR: RETURN CODE=X'00' REASON CODE=X'00'

- Reason: The MVS UCBSCAN ADDRESS facility has failed with the listed diagnostic information.
- Action: Review the return code/reason code explanations documented in IBM's OS/390 MVS Auth Assembler Services Reference to determine the cause of the failure. If necessary, contact Technical Support for assistance.

OTUL0115I *product* Rxx.xx.xx PTF yy

- Reason: This informational message is printed in the job log of each OpenTech job. This states the product name (*product*), release (*xx.xx.xx*) and PTF level (*yy*) of this run.
- Action: No user action is required. This is an informational message only.

OTUL0116E DD (SORTIN) PREALLOCATED WITH INCORRECT DATASET: xxx

Reason: A DD statement was preallocated by the user with an incorrect dataset. xxx is the incorrectly assigned dataset name.

Action: Correct the specified dataset name. If necessary, contact Technical Support for assistance.

OTUL0117I DD (SORTIN) ATTEMPTED ALLOCATION WITH DATASET: xxx

Reason: This is an informational message that accompanies message OTUL0116E. xxx is the dataset name attempting to dynamically allocate.

Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OTUL0118E REQUESTED TABLE ENTRY NOT FOUND: xxx

Reason: An internal program table entry that was expected to be present was not found. xxx is the media name.

Action: Contact Technical Support for assistance.

OTUL0119I TABLE NAME: xxx

Reason: This informational message indicates the name of the program table with the missing table entry. xxx is the program table name.

Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OTUL0120E TAPE MANAGEMENT SYSTEM DRIVERS TABLE STATEMENT ERROR

Reason: The TAPE-MANAGEMENT-SYSTEM parameter value is invalid or the associated PARMLIB member (TMSDRVRS) has been corrupted.

Action: Review the TAPE-MANAGEMENT-SYSTEM parameter in the failing job's PARMSUMM report. If these values are correct, contact Technical Support for assistance.

OTUL0121E UNSUPPORTED MIXED TAPE MANAGEMENT SYSTEM REQUEST: xxx : yyy

Reason: This error message indicates that the requested combination of input and output tape management systems is not currently supported. xxx is the name of the input tape management system. yyy is the name of the output tape management system.

Action: Contact Technical Support for assistance.

OTUL0122I DDNAME: xxx - PRIMARY SPACE REDUCED

Reason: This informational message is displayed when the primary allocation size of work files has been reduced from the number of tracks requested, to the number of tracks specified in the DYNAMIC-ALLOCATION-SPACE-UNIT-TRACK-LIMIT parameter. The secondary allocation will also be set to the number of tracks specified.

Action: This is an informational message only

OTUL0123I PAUSING *xxx* SECONDS - RETRIES LEFT=*yyy*

- Reason: This informational message is produced when the dynamic allocation subprogram has encountered a dynamic allocation failure that can be recovered and retried. *xxx* is the number seconds the dynamic allocation subprogram will wait before it retries the allocation. *yyy* is the number of retries remaining for this dynamically allocated resource to be successfully allocated. The maximum retry counter is defined by the DYNAMIC-ALLOCATION-RETRY-LIMIT parameter in the product's PARMLIB. When the retry counter reaches 0 and the resource is not successfully allocated, the job will abend with a U0100 abend and will produce a dump.
- Action: See the failing job log for IKJ messages that will more fully describe the reasons why the dynamic resource was not allocated. Correct the problem with the failing resource and resubmit the job. If further assistance is required, contact Technical Support for assistance.

OTUL0124E INVALID ENTRY IN *product* PROGRAM TABLE: *xxx*

- Reason: An entry in a program table contained invalid content. *xxx* is the program table name that contains the invalid entry.
- Action: Contact Technical Support for assistance.

OTUL0125I INVALID ENTRY: *xxx*

- Reason: This informational message accompanies message OTUL0124E and is required to help Technical Support diagnose the problem. *xxx* is the full table entry in question.
- Action: Contact Technical Support for assistance.

OTUL0126W STK PGMI ERROR: *xxx* RETURN CODE=*yyy* REASON=*zzz*

- Reason: The specified Tape Library Interface did not initialize properly. Future attempts to communicate with it will be disabled for the remainder of the current job run. *xxx* is the type of error detected. *yyy* is the hexadecimal return code. *zzz* is the hexadecimal reason code.
- Action: Correct any other errors reported by previous WTO messages. If the specified Tape Library Interface is no longer in use remove it's specification from the LIBRYDEF member. The description of the return and reason codes can be found in the VTCS Programmatic Interface Guide.

OTUL0127E TAPE MANAGEMENT SYSTEM API FAILURE: *xxx* FOR TAPE VOLSER: *vvvvvv*

- Reason: This error message is issued when a failure has been detected when communicating with the tape management system through its API facility. *xxx* is the name of the failing API function. *vvvvvv* is the volser.
- Action: Contact Technical Support for assistance.

OTUL0128E INVALID FUNCTION CODE: *x*

Reason: This message is issued when a tape management system interface module receives an invalid function code.

Action: Contact Technical Support for assistance.

OTUL0129I RETURN CODE: X'00000000' REASON CODE: X'00000000'

Reason: This informational message accompanies message OTUL0127E and provides necessary information for diagnosing the tape management system API failure.

Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OTUL0130E NO PROCESSING CONTROL RECORD RECEIVED FROM CALLING PROGRAM

Reason: A request to update the tape management dataset was received by the updating routine but no control record detailing the type of update to perform was available.

Action: Contact Technical Support for assistance.

OTUL0131E DATASET RECORD NOT FOUND IN THE TAPE MGMT CATALOG: *xxx yyy zzz*

Reason: A dataset record that the OpenTech product expected to find in the tape management system catalog was not found.

Action: Determine the reason why tape dataset record previously found in the tape management system database is no longer present. Correct the tape management system entry and resubmit the job, or recreate the job so that the dataset is excluded.

OTUL0132E DSN: *dsn* DOES NOT EXIST

Reason: The @DSPREFIX.AAUTO.TMC file (*dsn*) was not found in the ICF catalog.

Action: Assure that the A-AUTO VSAM TMC has been build and that the DYNAMIC-ALLOCATION-DATASET-NAME-PREFIX parameter used by this job is the same used when creating the A-AUTO VSAM TMC.

OTUL0133E FILE IS EMPTY: *xxx*

Reason: A file the OpenTech product was expecting to contain data was empty. *xxx* is the name of the file.

Action: Determine why the specified file is empty and correct it. Resubmit the job. Contact Technical Support for assistance, if necessary.

OTUL0134E LOGIC ERROR: *aaa*, ENCOUNTERED WHILE PROCESSING THE *xxxx* VSAM TMC, RPLFDBWD=X"0000000"

- Reason: While attempting to retrieve a record from its VSAM database, Advanced Recall encountered a VSAM error. A U0100 abend will follow. A VSAM error has occurred, while processing the A-AUTO VSAM TMC. *aaa* is a 3-digit number required by Technical Support to diagnose the problem. *xxxx* is the name of the tape management system for which the VSAM database was created.
- Action: Contact Technical Support for assistance.

OTUL0135E EDGHSPK FUNCTION FAILURE - SEE RMM MESSAGE DATASET FOR SPECIFIC FAILURE AND DIAGNOSTIC INFORMATION

- Reason: The RMM EDGHSPK function failed to execute properly. Message OTUL0095I accompanies this message with additional diagnostic information.
- Action: See the dynamically allocated RMM message dataset for the function failure reason. If necessary, contact Technical Support for assistance.

OTUL0136E BYPSDUMP DD MUST BE SPECIFIED WHEN USING ALLOCATE-LARGE-WORK-FILES-AS: TAPE WITH *xxx*

- Reason: This message is issued when the ALLOCATE-LARGE-WORK-FILES-AS parameter is set to TAPE and the TMS dump utility does not support tape files as output. *xxx* is the Tape Management System.
- Action: Use the BYPSDUMP DD to specify a dataset to be processed.

OTUL0137E TAPE MANAGEMENT SYSTEM DATABASE IS NOT AVAILABLE

- Reason: The database used by your tape management system is currently unavailable.
- Action: Check your tape management system task to verify the current status of your tape management database. If your tape management system is active and the database is available and you are still receiving this message, contact Technical Support for assistance.

OTUL0138I CA1 INVALID VOLUME SERIAL NUMBER: *vvvvvv* R1:X'00'

- Reason: This informational message is for CA-1 problem diagnostic purposes. If any of the CA-1 API calls fail, this information is displayed to help determine the reason for the failure. *vvvvvv* is the failing tape volume serial number.
- Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OTUL0139I CA1 xxx FAILURE: ABEND:X'00' REAS:X'00' SECURITY RC:X'00' SECURITY REAS:X'00'

- Reason: This informational message is for CA-1 problem diagnostic purposes. If any of the CA-1 API calls fail, this information is displayed to help determine the reason for the failure. xxx is the name of the CA-1 API function that failed.
- Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OTUL0140I CA1 ABEND MESSAGE TEXT: xxx

- Reason: This informational message is for CA-1 problem diagnostic purposes. If any of the CA-1 API calls fail, this information is displayed to help determine the reason for the failure. xxx is the abend message text.
- Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OTUL0141A SHOULD PROCESSING ATTEMPT TO CONTINUE? REPLY YES TO CONTINUE OR NO TO TERMINATE

- Reason: This message is issued in conjunction with OTUL0141I. A reply of YES or NO is required.
- Action: A reply of NO will terminate the job without completing the TMC updates. A reply of YES will allow the job to continue. If the Audit Log Threshold exceeded condition has not been relieved, the OTUL0141I and OTUL0141A messages may be redisplayed as the TMC updates attempt to continue. When the user replies NO to this WTOR, message OTUL0155I is issued to notify the user that the job has been terminated.

OTUL0141I CA1 AUDIT DATA SET THRESHOLD REACHED

- Reason: This informational message is issued because the CA-1 API received a response indicating that the TMS Audit Threshold had been reached or exceeded.
- Action: Perform your CA-1 audit dataset maintenance procedures.

OTUL0142I NON-ZERO RETURN CODE FROM CA1 CALL - TMRTNCDE:X'00'

- Reason: This informational message is for CA-1 problem diagnostic purposes. If any of the CA-1 API calls fail, this information is displayed to help determine the reason for the failure.
- Action: This is an informational message only. See the preceding message(s) for the suggested user action.

**OTUL0143E TMS MULTI-DATASET RECORD DOES NOT CONTAIN REQUESTED DATASET - VOL:
vvvvvv FILSQ: xxx**

- Reason: This error message indicates that the TMS tape management catalog has a pointer to a dataset chain that does not contain the expected dataset sequence number. *vvvvvv* is the volser. *xxx* is the file sequence number.
- Action: Check the validity of the TMS pointers by running your tape management systems' supplied utility. If the volume does have pointer errors, then run a tape management system audit report for the volume for the date of the error message. If necessary, contact Technical Support for assistance.

OTUL0144I INVALID FILE SEGMENT IN xxx

- Reason: An error was found in the Control-T database.
- Action: Verify the database integrity of the Control-T database. If necessary, contact Technical Support for assistance.

OTUL0145I VOLUME INFO (1ST 21): xxx FILE INFO (1ST 21): yyy

- Reason: This informational message is printed along with message OTUL0144I. This message is for diagnostic purposes. *xxx* is the first 21 bytes of volume sequence information. *yyy* is the file sequence information.
- Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OTUL0146I MAP xxx SKIPPING FROM yyy LOOKING FOR zzz

- Reason: The RMM API returned a SFI that did not match the next expected SFI. The returned SFI will be searched for in the list of other expected SFI's. If it is not found it is added to the end of the list. *xxx* indicates whether the SFI was found in the data returned for a volser request or a dataset request. *yyy* is the expected SFI value. *zzz* is the SFI value returned by the RMM API.
- Action: Please report receiving this message to Technical Support to assure that the SFI is included in the next maintenance release of the OpenTech product. No other user action is required.

OTUL0147I MAP xxx LOOPING TO TOP LOOKING FOR yyy

- Reason: While searching for an out of order RMM API SFI, the end of the expected SFI table was reached. Processing loops back to the beginning of the table. *xxx* indicates whether the SFI was found in the data returned for a volser request or a dataset request. *yyy* is the SFI value returned by the RMM API.
- Action: Please report receiving this message to Technical Support to assure that the SFI is included in the next maintenance release of the OpenTech product. No other user action is required.

OTUL0148W MAP xxx HAS NO MAPPING FOR SFI yyy

Reason: After searching the entire list of expected RMM API SFI's, the listed SFI was not found. It will be added to the end of the expected SFI list. *xxx* indicates whether the SFI was found in the data returned for a volser request or a dataset request. *yyy* is the SFI value returned by the RMM API.

Action: Please report receiving this message to Technical Support to assure that the SFI is included in the next maintenance release of the OpenTech product. No other user action is required.

OTUL0149E RMM API FAILURE: xxx DSN/VOL RETCODE: RSNCODE:

Reason: This message indicates a failure in a RMM API process. *xxx* is the OpenTech load module where the failure occurred.

Action: Check the RMM API manual of the DFSMSrmm Guide and Reference for the explanation of the return code and reason code listed in the message (DFSMSrmm TSO Subcommand Return and Reason Codes). If necessary, contact Technical Support for assistance.

OTUL0151I RMMAPI COMMAND ADJUSTMENT FAILED - xxx - yyy

Reason: While building the command for the RMM API to update the output volumes of a copy operation, an internal failure occurred. *xxx* is the program id reporting the error. *yyy* is the command in error.

Action: Contact Technical Support for assistance.

OTUL0152I TLMUPDPTO xxx ERROR DATA= yyy

OTUL0152E TLMUPDPTO xxx ERROR DATA= yyy

Reason: An error occurred while attempting to update the TLMS database records associated with the output files in a conversion job. *xxx* is the operation that was being attempted (VOL READ, VOL WRITE, DSN READ or DSN WRITE). *yyy* is the diagnostic information relating to the failure. When the operation is a "READ" error, the code will generally attempt to wait and retry the READ. In this case, the message ID will be OTUL0152I and the message is just being issued for informational purposes.

Action: Contact Technical Support for assistance.

OTUL0153I RMM INVENTORY MANAGEMENT IS ACTIVE, WAITING FOR 15 MINUTES

Reason: This message indicates that an update command was rejected by RMM because Inventory Management functions were currently active. Advanced Recall will wait for 15 minutes before retrying the rejected command.

Action: No user action required. This is an information message only.

OTUL0154W UNKNOWN TAPE MEDIA TYPE(S) DETECTED. SEE UNKMEDIA REPORT FOR DIAGNOSTIC INFORMATION

- Reason: A tape media type field from a tape management system database volume record contains an unknown code. This is a warning message only and normal selection processing continues.
- Action: The Unknown Tape Media Report is dynamically generated under DD UNKMEDIA. A report detail line containing the volser, tape media type code and description, media name and unit name associated with the failing tape volume is generated. The user should review this report and, if the failing tape volume is valid, the user should add an entry to the IOCNTLTB member of the PARMLIB library showing either the media name or the unit name from the failing tape volume as the media name field of the IOCNTLTB entry and a valid tape name needs to be placed in the tape name field of the IOCNTLTB entry. After the new user-defined entry is made to the IOCNTLTB member, the job receiving this error message may be resubmitted.

OTUL0155I CONVERSION JOB TERMINATED DUE TO OPERATOR ACTION

- Reason: This message is issued when reply to a previous WTOR requested job termination.
- Action: No user action required. This is an information message only.

OTUL0156I xxxxxx SETOPM BYPASSED FOR ATLID=yyyyyyyy VOLSER=vvvvvv REASON=zzz

- Reason: This message indicates that the specified volser and any associates volsers were not passed to the API to have their OPM class values set for the reason listed. The following are the possible reasons:
- NO TVI ADDRESS** - The lookup function did not return an address for the Tape Volume Information area, that data is required to determine the eligibility of the volume to have its OPM class value set.
- VOL NOT VIRTUAL** - The lookup function determined that the volume was not a virtual volume.
- NO OPM SUPPORT** - The lookup function determined that the volume was in a VTS that does not support OPM.
- VOL NOT PRIVATE** - The lookup function determined that the volume was not in PRIVATE status.
- Action: No user action required. This is an information message only.

**OTUL0157W xxxxxx SETOPM ERROR FOR ATLID=yyyyyyyy VOLSER=vvvvvv FUNC=CUA
aaaaaaaa=bbbbbbbb**

OTUL0157W RETURN CODE: X"00000000" REASON CODE: X"00000000"

- Reason: An unexpected error was encountered as a result of the attempt to set the OPM class specified in the message to the OPM class value specified in the message.
- Action: The return code and reason code are the values of R15 and R0 following the call to CBRXLCS FUNC=CUA. These return/reason codes are documented in the CBRLCSPL macro in SYS1.MACLIB. For further assistance, report this to Technical Support.

**OTUL0158I xxxxxx OPM VALUE(S) SET FOR ATLID=yyyyyyyy VOLSER=vvvvvv DC=aaaa
MC=bbbb SC=cccc SG=dddd**

- Reason: The VTS OPM value(s) were set for the specified volser.
- Action: No user action required. This is an information message only.

OTUL0159I TAPE VOLUME EJECTION PROCESSING IS STARTING/ENDED

- Reason: This is an information message indicating that the ATL ejection processing is either starting or has ended.
- Action: No user action required.

OTUL0160I NO TAPES ARE QUEUED FOR EJECT PROCESSING

- Reason: An internal eject tapes request was issued by a program before any tapes were staged in the tape ejection staging table.
- Action: This is an informational message. If the message has been issued in error please contact Technical Support for assistance.

**OTUL0161I ATLNAME: XXXXXXXX WAS PASSED TO OTUL0200 BUT DOES NOT EXIST IN THE
BVIRBASE PARMLIB MEMBER**

- Reason: While processing candidate selection, a volume which exists in the ATL named XXXXXXXX was passed to the BVIR LOOKUP facility used by Tape/Copy and ADVR. The BVIR LOOKUP facility was unable to locate the named ATL in the BVIRBASE PARMLIB member. As a result, the Tape/Copy ADVR program has decided to disable its use of the BVIR LOOKUP facility and resort to standard candidate selection processing.
- Action: This is not an error but an informational message indicating that the BVIR lookup facility will not be used during the processing of this program. Determine why the named ATL does not exist in the BVIRBASE parmlib member and correct the situation to permit Tape/Copy/ADVR to utilize its BVIR lookup facility. Contact Technical Support for assistance, if required.

OTUL0162E INCOMPLETE PARAMETER VALUE: ACCOUNT-NUMBER-LOCATION: xxx

Reason: The ACCOUNT-NUMBER-LOCATION parameter has a specialized value format. The value entered for this parameter did not meet the value format criteria. xxx is the value that was entered for this parameter.

Action: Review the parameter value and correct.

OTUL0163E LOGIC ERROR OCCURED IN GENERIC RULES PROCESSING, ABORTING EXECUTION

Reason: An unexpected condition was detected in the generic rules processor. The program will abnormally terminate with a U0100 abend.

Action: Contact Technical Support for assistance.

OTUL0164I SVC SCREENING: xxx

Reason: The SVC Screening interface that Advanced Recall uses to permit concurrent access to tape volumes has been activated or deactivated. Specification of the VTAR-ENABLE-SVC-SCREENING parameter set to YES, will activate the interface. Otherwise the interface is inactive.

Action: This is an informational message only. No action is required.

OTUL0165W CSI RETURN CODE IS XXX-REASON CODE IS YYY FOR ZZZ

Reason: An error was detected by the catalog search interface. If the error is for a catalog or catalog entry the reason code and return code are explained in the MVS System Messages manual under IDC3009I.

Action: Verify catalog entry status and correct if in error. If entry is not in error contact Technical Support.

OTUL0166W INVALID DATA= xxx

Reason: During the execution of the process which converts the RMM Vault Patterns to a standardized format, an invalid parameter value was encountered. xxx is the invalid value.

Action: Review job log and determine what the previous messages were and if possible, located the reason for the failure. If necessary, contact Technical Support for assistance.

OTUL0167I AFM VSAM DATABASE BUILD COMPLETE

Reason: The build of the AFM VSAM database has been completed.

Action: This is an informational message. No user action is required.

OTUL0168E UNABLE TO READ VOLUME RECORD FROM VSAM TMC, ABORTING

Reason: While reading the VSAM database, Advanced Recall attempted to retrieve a VOLUME record for the dataset collection it was processing. The read failed with a "no record found" condition.

Action: Contact Technical Support for assistance.

OTUL0169E INTERNAL ERROR IN AFMBLDVT: xxx

Reason: While converting AFMLIST and ZCAT records to Advanced Recall structure a processing error occurred, the value of xxx is one of the following:

VSAM SHOWCB R15 > 0	SHOWCB FAILURE R15> 0
UNABLE TO READ VOLUME RECORD	VSAM VOLCHAIN RECORD CORRUPTED
VSAM FAILURE DURING PUT/UPDATE	OPEN FAILURE: VSAM TMC
VSAM MODCB FAILURE: EXLST	VSAM SEQUENTIAL WRITE FAILURE
VSAM MODCB FAILURE: AREA PTR	SHOWCB FAILURE: GET EXLST LEN
VSAM FAILURE DURING GET	GENCB FAILURE: EXLST - V/C
VSAM FAILURE DURING GET:VOLCHAIN	GENCB FAILURE: ACB - V/C
GENCB FAILURE: RPL/SEQ WRITE	GENCB FAILURE: EXLST - V/T
GENCB FAILURE: ACB - V/T	GENCB FAILURE: RPL/DIR UPDATE
IDCAMS FAILURE: STEP 1	IDCAMS FAILURE: STEP 2
IDCAMS FAILURE: STEP 3	MORE THAN 256 VOLS IN VOLCHAIN

Action: Contact Technical Support for assistance.

OTUL0170I UNABLE TO RETRIVE: xxx FROM AFM DATABASE

Reason: While reading the VSAM database, Advanced Recall attempted to retrieve a record for the dataset collection it was processing. The read failed with an error other than a “no record found” condition. xxx is the 53 byte record key that was being read.

Action: Contact Technical Support for assistance.

OTUL0171W DUPLICATE RECORDS (VOLSER/FILESEQ) FOUND, SEE AFMDUPS DD FOR DETAILS

- Reason: While merging data from the AFMLIST and ZCAT, two entries were found that were recorded with the same volser and files sequence number but different dataset names. The second record is dropped from processing.
- Action: Review the AFM Build Duplicate Volser/Fileseq Report (AFMDUPS DD name). Find and eliminate the source of the incorrect record. Either record may be in error (the first or the second) and the incorrect record might be a AFMLIST entry (from the ICF catalog) or a ZCAT entry (from datasets named Z.\$X.<true dataset name>).

OTUL0172E NON-ZERO RETURN CODE RETURNED FROM UTILITY LAYER MODULE, ABORTING

- Reason: While building the AFM VSAM database, a failure occurred in one of the utility layer modules that are used. This failure, which was reported by one or more preceding messages, has cause Advanced Recall to terminate prematurely.
- Action: Review the messages issued prior to this one in the sysout to see if the cause of failure can be located. If necessary, contact Technical Support for assistance.

OTUL0173E TAPECOPY/MOVEDVOL ENQ FAILURE

- Reason: An unexpected return code was generated when attempting the enqueue the TAPECOPY/MOVEDVOL resource.
- Action: Report this error to Technical Support. A dump will be produced and should accompany the report.

OTUL0174I WAITING FOR TAPECOPY/MOVEDVOL RESOURCE

- Reason: The TAPECOPY/MOVEDVOL resource is currently in use by another task.
- Action: None. This message is for informational purposes only.

OTUL0175W MODULE=IGGCREDIT NOT FOUND, CATALOG CREATE UPDATES WILL BE BYPASSED

- Reason: The IGGCREDIT module was not found. All ICF and ZCAT catalog entries that are re created/modified will reflect the current date.
- Action: The IGGCREDIT module is available from IBM. IT is required to maintain the ICF and ZCAT catalog entry creation date.

OTUL0176I PRE-EDIT/PRE-FILTER PHASE COMPLETE/BYPASSED

- Reason: This informational message tracks the progress of the data collection process.
- Action: No user action is required. This is an informational message only.

OTUL0177I NAME/TOKEN SERVICES CALL FAILED, xxx, RC: yyy

Reason: An error has been detected during the retrieval or deletion of a name/token pair. xxx will be replaced with IEANTRT for token retrieval or IEANTDL for token deletion. yyy will be replaced with the return code from name/token service.

Action: Contact Technical Support for assistance.

OTUL0178E INVALID RECORD LENGTH FOR PARMLIB MEMBER: xxx LRECL: yyy

Reason: This message is issued when a member is read from OTPRMLIB whose LRECL is not 80 bytes in length. The xxx field is the member name and yyy is the LRECL of the dataset. A U0100 abend following this message.

Action: Correct the record length of the identified member that contains the member name and rerun the job.

OTUL0179E <product> IS NOT AUTHORIZED FOR CPU XXxxxxxyyy-yyy

Reason: No authorization code(s) or incorrect were found in product's PARMLIB for the CPU listed. This product is unable to run on this system until the correct authorization code(s) have been entered in the PARMLIB(AUTHCODE). XXxxxx is the 6-character CPU serial number that the job is currently executing on. yyy-yyy is the CPU Model number and type.

Action: Contact your OpenTech representative or Technical Support for information on receiving an authorization code.

OTUL0180I <product> LICENSE PERIOD WILL EXPIRE IN xx DAY(S)

Reason: xx is the number of days remaining in the product trial or lease period.

Action: If more trial or lease time is required for your use of this OpenTech product, contact your OpenTech representative or Technical Support.

OTUL0181I <product> AUTHORIZATION CHECK INITIALIZATION FAILURE

Reason: The product listed has lost its APF authorization. The product's LOADLIB must be APF authorized in order for the product to run.

Action: Investigate why the product has lost its APF authorization on your system and have this authorization re-implemented.

OTUL0182E <product> LICENSE PERIOD HAS EXPIRED.

Reason: The system date is greater than the expiration date in the authorization code for this CPU.

Action: If more trial or lease time is required for your use of this OpenTech product, contact your OpenTech representative or Technical Support.

OTUL0183E LRECL OF ddname DATASET IS NOT 80 BYTES

- Reason: During the processing of the dataset identified by ddname it was determined that the dataset LRECL dataset was not 80 bytes.
- Action: If this error occurs during processing then this message will be followed by a U0100 abend and dump. Correct the problem and retry failing operation. If problem persists, contact Technical Support for assistance.

OTUL0184E DSORG OF ddname DATASET IS NOT PS OR PO

- Reason: During the processing of the dataset identified by ddname it was determined that the dataset organization was not physical sequential or partitioned.
- Action: If the error occurs then this message will be followed by a U0100 abend and dump. Correct the problem and retry failing operation. If problem persists, contact Technical Support for assistance.

OTUL0185E RECFM OF ddname DATASET IS NOT F, FB OR FBS

- Reason: During the processing of the dataset identified by ddname it was determined that the dataset RECFM was not fixed, fixed block or fixed block standard.
- Action: If the error occurs during processing then this message will be followed by a U0100 abend and dump. Correct the problem and retry failing operation. If problem persists, contact Technical Support for assistance.

OTUL0186E INTERNAL LOGIC ERROR, DUMP WILL FOLLOW

- Reason: An unexpected condition was detected as a result the program will abnormally terminate with a user 100 abend.
- Action: Please contact Technical Support for assistance.

OTUL0187E ddname DATASET MUST BE A DASD DATASET AND CATALOGED

- Reason: During the processing of the dataset identified by ddname it was determined that the dataset was not cataloged or not a DASD dataset.
- Action: Ensure that the candidate dataset is on DASD and cataloged. Correct the problem and retry failing operation. If problem persists, contact Technical Support for assistance.

OTUL0188E <product> NOT AUTHORIZED FOR xxx

- Reason: This error message is displayed when a user who does not have authority to use the named "cost optional" feature, attempts to use the feature. xxx is the optional feature in question.
- Action: Please contact Technical Support or your OpenTech representative for assistance if you feel you are receiving this message in error.

OTUL0189E INVALID DATA=xxxxxxx

- Reason: This error message is issued when a field is being extracted from a data area and the content of the field is not valid for usage after extraction. The xxxxxx variable will display up to 80 characters of the data area being processed. This message is usually caused by a user modification to a PARMLIB member or to a dataset that is concatenated as a PARMLIB member. This error message will be followed by an Abend U0100.
- Action: Review the PARMLIB for members that have recent changes. The variable data displayed in the error message can be used to determine what member or dataset contains the error. If the cause can be determined correct the entry and rerun the failing procedure. If the cause cannot be determined contact Technical Support for assistance.

OTUL0190E TABLE BUILD ERROR: xxx FOR VOLSER: vvvvvv

- Reason: The table (xxx) was building a volser chain and failed when it reached volser vvvvvv.
- Action: This message may indicate a possible multi-volume chain error in the tape management system database. Check the volser entry in the TMC to verify the chain error. If the volser chain appears to be intact, contact Technical Support for assistance.

OTUL0191E DMS/CA-DISK ADSUI302(STUMP) FAILURE RC=xx

- Reason: The DMS/CA-Disk "stump" function (PGM=ADSUI302) returned an invalid return code.
- Action: Report this error to Technical Support and/or DMS/CA-Disk support personnel. A dump will be produced by this error and the dump will need to be sent along with the report of the problem.

OTUL0192W xxx

- Reason: During the execution of OTUL0200 a failure was detected in one of the supported functions, the variable portion of the text will be replaced with one or more of the following text items.
- THE BVIR DATABASE FOR ATLNAME: XXXXXXXX, DOES NOT EXIST
- THE REQUESTED BVIR DATABASE IS NOT OPEN, EXECUTION ABORTED
- FUNCTION CALLED AFTERSHUTDOWN COMPLETE, ABORT
- UNRECOGNIZED REQUEST CODE, ABORTING
- SHOWCB: ACB FAILED
- SHOWCB: RPL FAILED
- SHOWCB: EXLST FAILED
- GENCB: EXLST FAILED
- GENCB: ACB FAILED

GENCB: RPL FAILED

OPEN: VSAM ACB FAILED

MODCB: RPL FAILED

GET: RPL FAILED

Action: Contact Technical Support for assistance.

OTUL0193W UNABLE TO LOCATE DSN:xxx

Reason: During the execution of OTUL0200 an attempt was made to reference a VSAM database associated with an entry in the BVIRBASE PARMLIB member. The variable portion of this message will contain the name of the dataset which could not be found. This message may be accompanied by a OTUL0192W message which shows the resources that are in conflict.

Action: This message is not necessarily an error, however if a ATL NAME is coded in the BVIRBASE member the BVIR data should have been collected and loaded into the associated VSAM database by the execution of OTTC0061 to permit Advanced Recall Candidate Selection functions to retrieve physical volume information.

OTUL0194E ERRORS WERE DETECTED IN ONE OR MORE RULES STATEMENTS, EXECUTION TERMINATED

Reason: An error has been detected in the supplied rules table input parameters. See the RULESRPT DD for further details.

Action: Correct the failing rules table input and rerun the job. If the problem persists contact Technical Support for assistance.

OTUL0195E UNEXPECTED RESULTS RETURNED DURING ENQ PROCESSING, DUMP WILL FOLLOW

Reason: During ENQ processing an unexpected condition was detected. A U100 abend will be taken.

Action: Correct the problem identified in the error message and rerun the job. Contact Technical Support, if required.

OTUL0196W MOVE PROCESSING OF INDIVIDUAL FILES WITH THE PARAMETER

OTUL0196W STACKED-FILE-QUALIFICATION: EACH CAN RESULT IN EXPIRATION

OTUL0196W OF VALID DATASETS. NECESSARY PARAMETER VALUES ARE FORCED!

OTUL0196W PLEASE CHECK CANDIDATE AND REJECTION REPORTS!

- Reason: This warning is issued to caution the user about using DATA-COPY-FUNCTION: MOVE and STACKED-FILE-QUALIFICATION: EACH. This combination of parameters will cause Tape/Copy to look at a stacked tape, determine which datasets should be moved off of the tape to a new tape, based on the user's criteria. Regardless of whether all unexpired/valid datasets are moved from the input tape to another tape, that input tape will be marked for expiration. The user **MUST** be sure that everything they want to move off of the input tape is being moved, because the input tape will get scratched!
- Action: Review the Candidate Selection Report and the Rejection Report to verify that all input tapes being processed by the job that contain valid, unexpired data have been selected and all of that unexpired data will be moved to a new tape. Contact Technical Support if you have any questions.

OTUL0197E ANOMALOUS LOGIC ERROR CODE: xxx

- Reason: An unexpected system error occurred during processing. xxx identifies the failure and the job will abend with a U0100.
- Action: Contact Technical Support for assistance.

OTUL0198W product aaa JOB nnn/xxx rrr RESOURCES OWNED BY jjj ON sss

OTUL0198E product aaa JOB nnn/xxx rrr RESOURCES OWNED BY jjj ON sss

- Reason: The job represented by aaa (CSEL for candidate selection or CONV for conversion or BVIR) with a Job Name of nnn and a job number of xxx is waiting for or unable to obtain resources as identified by rrr (IS WAITING FOR or CANNOT OBTAIN resources) owned by a job with a Job Name of jjj running on a system with a system id of sss. This message may be accompanied by a OTUL0192W message which shows the resources that are in conflict.
- Action: This message is repeated once every 5 minutes as the job waits for resources to be freed. When the maximum number of wait iterations has taken place the message is issued a final time with the message number changed from OTUL0198W to OTUL0198E and job is abended. Determine why the was unable to obtain its resources and correct and rerun.

OTUL0199E ONE OF MORE ADVR JOBS NAMED IN THE PRECEEDING OTUL0200I MSGS FAILED TO CLOSE ITS BVIR INTFC

- Reason: During the processing of OTTC0061 or OTPF0061 the BVIR database update function found that one or more ADVR jobs had the BVIR VSAM database being updated open, after requesting that the offending ADVR jobs close the affected BVIR VSAM database(s) 16 times this program will abend.
- Action: The ADVR JOBS affected are identified in OTUL0200I messages which preceded this message. Contact Technical Support for assistance.

OTUL0200I THE ADVR JOB: aaaaaaaa ON SYSTEM: bbbbbbbb HAS BEEN ASKED TO ccccc ITS BVIR DATABASES

- Reason: During the processing of OTTC0061 or OTPF0061 the BVIR database update function found that one or more ADVR jobs had the BVIR VSAM database being updated open, this message identifies the ADVR job as aaaaaaaa running on system bbbbbbbb and whether the job was requested to OPEN or CLOSE its BVIR database(s) as ccccc.
- Action: This is an informational message, no action is required.

OTUL0201E OTUL0201W UNABLE TO REOPEN: xxx ITS NO LONGER DEFINED

- Reason: During A REOPEN REQUEST the BVIR database update function found that the named BVIR DATABASE or PATH was missing, the named entity will not be reopened.
- Action: This is probably a transient condition, review the job/console log of the job which issued the message and determine the cause for the missing database/path, issue the reopen request again to see if the transient condition which caused this message has been resolve. If necessary Contact Technical Support for assistance.

OTUL0202E OPENTECH TTOC EXTRACT ENQ FAILURE

- Reason: An unexpected condition was returned by the system ENQ service while trying to establish an ENQ against the OPENTECH DFSMSHsm TTOC extract resource.
- Action: Report this error to support along with a full job log and associated U0100 abend dump.

OTUL0203I WAITING FOR OPENTECH TTOC EXTRACT RESOURCE, TYPE=<SHR or EXCL>

- Reason: The job is trying to establish either a shared or exclusive ENQ against the OpenTech DFSMSHsm TTOC extract resource and that resource is not available, probably because it is in use by another OpenTech job. Any one job should not be holding this resource for an excessive amount of time. When the access type is exclusive then that process is attempting to build the TTOC extract and the delay will be relative to the size of the DFSMSHsm TTOC.
- Action: None required. The job will retry the access every 10 seconds and will reissue this message every 60 seconds until the resource is available. If these contention issues become a problem then contact support for assistance.

OTUL0204I product <program name> <assembly date and time>

- Reason: This message is used to display the maintenance level of programs that do not use OTPRMLIB. It is informational only. This states the product name (product), release (xx.xx.xx) and PTF level (yy) of this run.
- Action: No user action is required. This is an informational message only and the message information may be requested by Technical Support when reporting a problem.

OTUL0205E VMSIO 1...5...0... FAILURE

Reason: During the execution of the generic VSAM IO module the named condition was detected. One or more OTULXXXXXX messages will precede or follow this message to clarify the reason for this message being issued.

Action: Contact Technical Support for assistance.

OTUL0206E VMSIO FAILURE, EC: ...

Reason: During the execution of the generic VSAM IO module the named condition was detected, EC: ... is a qualifier to amplify and expand on the reason for the named condition being detected. One or more OTULXXXXXX messages will precede or follow this message to clarify the reason for this message being issued.

Action: Contact Technical Support for assistance.

OTUL0207E VMSIO DC: ...

Reason: During the execution of the generic VSAM IO module, diagnostic tracing was requested, the DC: ... represents the diagnostic trace point.

Action: Contact Technical Support for assistance.

**OTUL0208E VSMIO ERROR: ..., ENCOUNTERED WHILE PROCESSING THE QFILE,
RPLFDBWD=X'00000000'**

Reason: During the execution of the generic VSAM IO module, the error type indicated by ERROR: ... was encountered on the QFILE, the rpl feedback value is returned in the RPLFDBWD= variable value.

Action: Contact Technical Support for assistance.

OTUL0209E R0: / R15:

Reason: This message is issued in conjunction with other error messages, it identifies the contents of Register 0 and Register 15 at the time certain errors are encountered.

Action: Contact Technical Support for assistance.

OTUL0210E OTUL0210I UNABLE TO LOCATE DSN: 1...5...0...5...0...5...0...5...0...

Reason: During the processing of the GENERIC VSAM IO module an attempt was made to open the dataset identified by DSN:, this dataset could not be located.

Action: Determine why the requested dataset does not exist by examining the job/console logs for this job. Contact Technical Support for assistance.

OTUL0211I DMS/CA-DISK VOLUMES CAN NOT BE PROCESSED; API INITIALIZATION FAILED

- Reason: This message is issued when attempting to process a DMS/CA-Disk tape, but the DMS/CA-Disk parameters have not be customized. All DMS/CA-Disk tape processing will be denied.
- Action: Assure that the DMS/CA-DISK-FILES-DATASET, DMS/CA-DISK-LOADLIB, and DMS/CA-DISK-PARMLIB parameters have been customized according to the appropriate values for your data center.

OTUL0212E INVALID XXXXDSNS ENTRY: <entry>

- Reason: This message is issued when attempting to process a INCLDSNS or EXCLDSNS member under VDR/LE and the entry if found to be longer than 10 characters or it contains imbedded wildcard characters or multiple nodes.
- Action: Correct the listed entry. VDR/LE only allows for DSN HLQ prefixes to be specified in the INCLDSNS and EXCLDSNS members. Contact OpenTech Technical Support for further direction.

OTUL0213I BVIR DB: nnnn NOT USABLE, DB INFO DATED: aaa

- Reason: This message is issued when the BVIR interface is opened and the interface detects that one or more of the BVIR databases are too old or contain invalid dumped dates. The value of nnnn is the name of the BVIR database and the value of aaa is the dumped date of the data contained within the named BVIR database or in the case of invalid dumped dates the characters "*DATE INV*".
- Action: Update the BVIR databases by running the supplied BVIR update programs, OTTC0061 for Tape/Copy or OTPF0061 for Advance Recall. In the case of Tape/Copy, rerun the affected job. For Advanced Recall, issue the console command to reopen the BVIR interface. If the problem persists contact, Technical Support for assistance.

OTUL0214W SPECIFIED ADVANCED RECALL MANAGER NOT ACTIVE

- Reason: When the Tape/Copy ADVR interface attempts to notify ADVR that a file of candidate recall records is ready to be processed, as part of this notification process the Tape/Copy ADVR interface tries to determine if the target ADVR is active, this determination is made by the following tests:
1. Checking to make sure that the dataset name specified by the parameter ADVR-ROUTING-FILE-NAME exists.
 2. Attempting to get an exclusive enq on major name: ADVRMGR minor name: The dsn specified by ADVR-ROUTING-FILE-NAME parameter.
- If test 1 fails or Test 2 succeeds then the Tape/Copy ADVR interface will issue this message because the target ADVR does not appear to be active.
- Action: Ensure that the dataset name specified by the parameter ADVR-ROUTING-FILE-NAME specified for the Tape/Copy job is the same as the routing dataset name used by the target ADVR. Next make sure

that the target ADVR manager is active. Contact Technical Support for assistance, if needed.

OTUL0215I LOADQFILE OPERATION BYPASSED, SIMULATE MODE IN EFFECT

Reason: PARM=SIM was coded on the execute statement of the program being executed.

Action: No action required, unless LOADQFILE command is to be executed, in which case re-execute the program with PARM=SIM parameter removed. Contact OpenTech Technical Support for assistance, if needed.

OTUL0216I SYSOUT FOR DDNAME: xxxxxxxx, HAS BEEN REDIRECTED TO: yyy..yyy

Reason: The syout for ddname (xxxxxxx) has been redirected to: (yyy..yyy) as a result of an entry in the RPTALLOC PARMLIB member.

Action: This is an informational message, if the redirection was not desired, update the RPTALLOC parmlib member. Contact OpenTech Technical support for assistance, if required.

OTUL0217E COPY_DECRYPT IS NOT AUTHORIZED, NO VALID AUTHCODE WAS FOUND

Reason: No valid AUTHCODE was found in the AUTHCODE member if the PARMLIB library.

Action: Contact Technical Support.

OTUL0218W COPY_DECRYPT AUTHCODE WILL EXPIRE IN XX DAY(S)

Reason: The best/only AUTHCODE in the AUTHCODE PARMLIB member is within 30 days of expiration.

Action: Contact Technical Support.

OTUL0219E COPY_DECRYPT IS NOT AUTHORIZED, AUTHCODE HAS EXPIRED

Reason: All of the AUTHCODE values in the AUTHCODE member of the PARMLIB are either invalid or expired.

Action: Contact Technical Support.

OTUL0220E VALUE SPECIFIED FOR MOVED-DATASET-RETENTION-PERIOD PARAMETER IS GREATER THAN CA-1 MAXIMUM

Reason: The value entered for the parameter MOVED-DATASET-RETENTION-PERIOD (either a date, or a number of days for retention) has resulted in a scratch date that is greater than the maximum allowed by CA-1.

Action: Correct the value specified for the MOVED-DATASET-RETENTION-PERIOD parameter and rerun the job.

OTUL0221I CSI CALL FAILED WHILE GETTING GDG INFO, RE-DIRECTION BYPASSED FOR DDNAME: XXXXXXXX

- Reason: An attempt to get the GDG information for ddname (xxxxxxx / dsn <dynamic alloc prefix>.xxxxxxx) failed.
- Action: This is an informational message, the requested redirection for ddname xxxxxxxx is bypassed. If the problem persists, contact OpenTech Technical support for assistance.

OTUL0222I IDCAMS yy..yy FAILED, RE-DIRECTION BYPASSED FOR DDNAME: XXXXXXXX

- Reason: An attempt to issue an IDCAMS request (yy..yy) failed for ddname (xxxxxxx / dsn <dynamic alloc prefix>.xxxxxxx) failed.
- Action: This is an informational message, the requested redirection for ddname xxxxxxxx is bypassed. If the problem persists, contact OpenTech Technical support for assistance.

OTUL0223I nnnnn....nnnnn

- Reason: The value of nnnnn....nnnnn can be one of the following:
RE-DIRECTION OF SYSOUT DATAS2'ET BYPASSED DUE TO ABOVE ERRORS
OTGTDDSI CALL RETURNED NON-ZERO RETCODE: XXXXXXXX FOR: yyyyyyyy
TRACKS ALLOCATED RETURNED BY OTGTDDSI CALL WERE INVALID
LAST USED TRACK RETURNED BY OTGTDDSI CALL WAS INVALID FOR: yyyy....yyyy
LRECL RETURNED BY OTGTDDSI CALL WAS INVALID FOR: yyyy....yyyy
DYNAMIC ALLOCATION REQUEST Failed
DATASET NAME: dddd....ddd
- Action: The above informational messages indicated that an unexpected error occurred during the re-direction of a sysout dataset request. Contact OpenTech Technical support for assistance.

OTUL0224I THERE WERE NO DFSMS/DSS BACKUP BLOCKS TO WRITE TO THE OUTPUT DATASET

- Reason: The DFSMS/DSS backup that was run selected no datasets to backup and therefore there was no data written to the output dataset.
- Action: Verify that the DFSMS/DSS backup selection criteria (control statements) was correct and what was desired. If it was not, change it and re-run the job.

**OTUL0225E END OF FILE REACHED ON INPUT FILE; MISSING BLOCKS WERE DETECTED.
RESTORE FAILED.**

Reason: An encrypted file was being copied and decrypted. CopyCrypt has detected that the input file is corrupted or there are missing blocks in it.

Action: Contact Technical Support for assistance.

OTUL0226E SYNAD ENTERED WHILE READING INPUT. JOB WILL TERMINATE WITH AN ERROR

Reason: An I/O error was encountered while reading the input dataset. The copy operation on that file was terminated at that point.

Action: Depending on the source of the I/O error the job may be able to be re-run successfully.

OTUL0227E SYNAD ENTERED WHILE WRITING TO OUTPUT DATASET. JOB IS TERMINATED WITH AN ERROR

Reason: An I/O error was encountered while writing to the output dataset. The copy operation on that file was terminated at that point.

Action: Try re-running the job and if it fails again, contact Technical Support for assistance.

OTUL0228I THE INPUT DFSMS/DSS DATASET HAD NO BLOCKS IN IT

Reason: CopyCrypt detected that the input dataset, that was to contain the encrypted DFSMS/DSS backup that was to be decrypted and restored, was empty. This condition (no DFSMS/DSS blocks written to the output dataset) would have been reported at the time the backup was taken.

Action: It likely means that the DFSMS/DSS selection criteria used when the backup was done did not result in any datasets being selected for backup. No user action is needed.

OTUL0229E FIRST VOLSER FROM JFCB DOES NOT MATCH FIRST VOLSER IN TAPE LABEL

Reason: CopyDecrypt has detected that the first volser of the dataset as obtained from the JCL or ICF catalog did not match the first volser as obtained from the tape's standard label. This indicates that the JCL or ICF catalog is out of sync with the actual tape dataset.

Action: Investigate why there is a discrepancy between the volser information in the JCL or ICF catalog and the actual tape dataset. Correct the error and rerun the job.

OTUL0230E NO END OF FILE FOUND AT END OF INPUT DATASET

Reason: CopyDecrypt has reached the end of volume (EOV) but has not encountered an end of file (EOF).

Action: 1) If the input dataset's volser(s) were supplied in the JCL (on the TAPEIN DD): assure that all volsers were supplied. 2) If the dataset was cataloged and the catalog was used: assure that the catalog entry lists all of the volumes of the dataset. 3) If all of the volumes have been processed, then this message indicates that the dataset is missing its EOF indicator and should be reviewed by the data owner. If needed, contact Technical Support for further assistance.

OTUL0231E EOF IN TRAILER LABEL OF VOLUME BEFORE LAST VOLUME OF DATASET

- Reason: CopyDecrypt detected an EOF trailer label on an input volume that is before what CopyDecrypt believes is the last volume of that dataset.
- Action: Most likely, the cause of this problem is the order in which the input volsers were listed in the JCL (TAPEIN DD), or if cataloged, the order in which the volsers were listed in the catalog. Correct the error and rerun the job.

OTUL0232E MISSING OR OUT-OF-ORDER INPUT VOLUME DETECTED

- Reason: During a copy operation CopyDecrypt has detected that the tape volume just read as input was not the correct "next volume" of the dataset it was copying; either a volume was skipped or mounted out of order.
- Action: Verify the correct dataset/volume information is listed in the CopyDecrypt job JCL or catalog (if the dataset was cataloged).

OTUL0233W * ENCRYPTION PROCESSING IS BEING SIMULATED. DATA WILL NOT BE PROTECTED WITH AN INDUSTRY STANDARD ALGORITHM *****

- Reason: This message is issued by jobs that invoke CopyCrypt functions when the SIMULATE-ENCRYPTION parameter has been set to YES. It indicates that any files selected for encryption will use a simulated encryption algorithm instead of an industry standard one like DES, 3DES, or AES. The simulated algorithm is not intended to protect data, it is only for testing and demonstration purposes. When this message is issued the associated job will end with CC=4 at a minimum.
- Action: None required. To use "real" encryption algorithms set the SIMULATE-ENCRYPTION parameter to NO.

OTUL0234A INVALID RESPONSE FROM OPERATOR - PLEASE REENTER

- Reason: This WTO message is displayed if an invalid response is received for a WTOR message. The WTOR message is then reissued.
- Action: Provide a valid response to the WTOR message.

OTUL0235E PHYSICAL TAPE/TAPE DRIVE ERROR ENCOUNTERED ON xxx : yyy

- Reason: A physical error has occurred on the tape drive, and was reported by the device as a Unit Check condition. The problem may be caused by bad media or an error condition at the tape drive itself. xxx indicates whether the error was on the input or output device. yyy indicates the Unit Check condition (data check, equipment check, intervention required, overrun). There may also be an IOS message (IOS0000x) issued with this message.
- Action: Attempt to copy the tape again on a different drive, or the same drive after the condition is fixed. If the Unit check condition was data check, and if the tape was an input tape it may have been put into the Tape/Copy BADMEDIA member of PARMLIB. If the input tape has bad data (permanent data checks) on it, you may have to use the Tape/Copy skip bad block feature to skip over the bad blocks (and not write them to the output dataset).

OTUL0236E DUPLEX OUTPUT PROCESSING INTERNAL ERROR: xxx yyy

- Reason: An internal processing error was detected when the duplexed output option was in effect. xxx= Routine name yyy=error code. The job is terminated.
- Action: Contact Technical Support for assistance.

OTUL0237I I/O MODULE DETECTED AN ERROR: xxx

- Reason: An error was encountered in an OpenTech Systems I/O module, the job is terminated. A 55 character description of the error is provided.
- Action: Contact Technical Support for assistance.

OTUL0238E DATA CHECK ON INPUT TAPE, CONDITIONS WON'T ALLOW SKIPPING BAD BLOCK

- Reason: A data check condition was received on the input tape. Tape/Copy has the capability of skipping over a bad block (and not copying it to the output tape) if the user requests that. Before skipping a bad block, Tape/Copy performs a number of integrity checks to ensure that the tape drive is in a proper state, the tape is (or can be) positioned to the correct next block and that the "block" with a problem was not a tapemark. If any of these checks fail, Tape/Copy will not skip blocks.
- Action: Contact Technical Support for assistance.

OTUL0239E REBLOCKING ERROR: INPUT BLK# xxx yyy

- Reason: The Tape/Copy conversion job was in reblocking mode when it encountered an invalid block or record on the input dataset. The number of the input block on which the error occurred is given, along with the description of the error. The dataset may be corrupted and it may be impossible for it to be read by the IBM QSAM/BSAM access methods.
- Action: The user can try to run the conversion without reblocking the data, or contact Technical Support for assistance.

OTUL0240I TAPECOPY RECEIVED A STOP OR HALT IMMEDIATE COMMAND FROM THE OPERATOR WHILE DATA WAS BEING COPIED

- Reason: An operator issued a STOP or HALT,I command to the Tape/Copy job while data copy operations were in progress (copying data from the input tape to the output tape or disk). Tape/Copy will stop the copy operation and terminate the job.
- Action: This is an informational message only.

OTUL0241E SYNAD EXIT ENTERED ON WRITE TO DISKOUT. THE COPY OPERATION WILL BE TERMINATED.

- Reason: Tape/Copy, in tape-to-disk mode, encountered an error while writing the file to disk. The Synad exit was entered. The copy operation for this particular file is aborted and unsuccessful.
- Action: Contact Technical Support for assistance.

OTUL0242I MISSING OR OUT-OF-ORDER VOLUME DETECTED. ACTUAL VOLSEQ: xxx, LABEL VOLSEQ: yyyy

- Reason: During a copy operation, Tape/Copy has detected that the tape volume just read was not the correct next volume of the dataset it was copying; either a volume was skipped or mounted out of order. Tape/Copy reads the volume sequence number from the tape's trailer label and checks to see if it matches the actual volume count. If it does not this message is issued and the copy operation for that input dataset is terminated.
- Action: Since Tape/Copy uses the Tape Management Catalog to get the volsers of the input tape (and sequence), this condition usually indicates a problem in the TMC record for that dataset - it does not match the actual dataset. The user should check the tape and the TMC entry and correct any errors found. If the ALLOW-MISSING-INPUT-DATASETVOLUME is set to YES (it is set to NO by default), Tape/Copy will not perform this check and will allow a dataset with the above condition to be copied.

OTUL0243I DATASET: XXX WAS ALREADY ENCRYPTED

- Reason: The user requested encryption for this dataset but Tape/Copy determined that the dataset had already been encrypted by CopyCrypt.
- Action: Tape/Copy will copy the dataset as-is. No user action is necessary.

OTUL0244E ICSF ERROR XXX, MACRNAME, RC, RSNC

- Reason: The dataset was either being encrypted or decrypted and CopyCrypt encountered an error on an ICSF macro. (ICSF is the software on z/OS that provides encryption/ decryption services). The name of the ICSF macro that got the error is listed along with the return code and reason code.
- Action: The CopyCrypt operation will terminate on this dataset. Look up the return code and reason code in the ICSF Application Programmer's Guide, and/or call Technical Support for assistance.

OTUL0245E DATASET: XXX, KEY PROVIDED IS INVALID

- Reason: The user requested that the dataset be encrypted and passed the label of the key to use for encrypting. The 64 character label was not a valid ICSF key label - it has invalid symbols etc.
- Action: CopyCrypt will terminate the copy operation on this dataset. Check the key label passed and make sure it exactly matches the label of a key in the ICSF CKDS dataset.

OTUL0246I DATASET: XXX WAS NOT ENCRYPTED

- Reason: The user requested that the dataset be decrypted. However, CopyCrypt determined that the dataset had not been encrypted by CopyCrypt.
- Action: CopyCrypt will copy the dataset as-is, without decrypting it.

OTUL0247E CSRCESTRV ERROR: XXXXXXXX, RC=YY

- Reason: CopyCrypt called the IBM compression service macro (CSRCESTRV) with a call type of either Query or Expand and got an error.
- Action: CopyCrypt will terminate the copy operation on this dataset. Look up the return code and reason code in the IBM Assembler Programmer's Reference manual (under CSRCESTRV), and/or contact Technical Support for assistance.

OTUL0248E LOAD OF ICSF MODULE: XXXXXXXX FAILED, RC=XX

- Reason: The dataset was either being encrypted or decrypted. CopyCrypt attempted to load one of the required IBM ICSF encryption or decryption modules and the load failed.
- Action: CopyCrypt will terminate the copy operation on this dataset. Make sure the ICSF LOADLIB is either in Link List or in the STEPLIB concatenation.

OTUL0249E XXXXXXXX DD STATEMENT NOT IN JCL, JOB WILL TERMINATE

- Reason: The CopyDecrypt program has detected that either the input TAPEIN DD statement or the output OUTFILE DD statement was not supplied in the JCL. Both of those DDs are required. The job was terminated.
- Action: Supply the missing DD statement and re-run the job.

OTUL0250E INVALID JCL PARM SUPPLIED. MUST BE PASSWORD: FOLLOWED BY UP TO 32 BYTE PASSWORD

- Reason: The CopyDecrypt program has determined that the JCL PARM was in error. The JCL PARM is used to supply the password to be used for the decryption (if the encrypted input file was encrypted using a password, rather than one of the other means of encryption).
- Action: Correct the PARM supplied and rerun the job. The PARM must be specified exactly as: "PASSWORD: XXXXXXXXXXXX", if the password is "XXXXXXXXXXXX". The password must be from 1 - 32 characters. It must be the same password used when the dataset was encrypted.

OTUL0251E THE INPUT FILE IS NOT AN OPENTECH ENCRYPTED FILE

- Reason: The CopyDecrypt program has determined that the input dataset was not a CopyCrypt encrypted file.
- Action: The CopyDecrypt program can only decrypt CopyCrypt encrypted files. If you feel you have received this message in error, please contact Technical Support.

OTUL0252I THE INPUT FILE HAD ZERO BLOCKS OF DATA IN IT

- Reason: The CopyDecrypt program has determined that the input file was valid but contained zero blocks of data.
- Action: No decryption was done as there is no data to decrypt. If you feel you have received this message in error, please contact Technical Support.

OTUL0253E THE INPUT DATASET WAS ENCRYPTED USING A PASSWORD. A PASSWORD MUST BE SUPPLIED ON JCL PARM

- Reason: The CopyDecrypt program has determined that the encrypted input file was encrypted using a password, but that no password was supplied on the JCL PARM.
- Action: When the input file was encrypted using a password the user must supply that password on the JCL PARM in order to decrypt the file.

OTUL0254I OUTPUT TAPE DRIVE DOES NOT SUPPORT ERASE FUNCTION

- Reason: ERASE-DATA-AT-END-OF-LAST-OUTPUT-TAPE: YES was specified but the output tape drive does not support the Data Security Erase (DSE) CCW used by the Tape/Copy channel program. The residual data past the end of the last file on the output tape was not erased.
- Action: None.

OTUL00255E ENCRYPTION PROGRAM VERSION LESS THAN ENCRYPT VERSION OF INPUT FILE. MUST GET CURRENT PROGRAM

- Reason: The CopyDecrypt program has detected that the input file it was about to decrypt was created by a version of CopyCrypt that is newer than the version of the CopyDecrypt program being used. The file cannot be decrypted with a back-level version of the decryption program.
- Action: Please install the most current copy of CopyDecrypt and re-run the job.

OTUL0256E DDNAME NOT FOUND IN THE xxx : yyy

- Reason: The SIOT and the TIOT control blocks are searched for certain DD names for modification by the dataset conversion process. The DD name was not found. xxx indicates if the SIOT or the TIOT was being searched. yyy is the DD name that was not found during the search.
- Action: Contact Technical Support for assistance.

OTUL0257E DATASET: XXX, PASSWORD HAS INVALID CHARACTERS

- Reason: The password supplied for encryption or decryption has invalid characters. The valid characters are: A-Z (upper or lower case), 0-9, and #, \$, @, . (period).
- Action: Update the password to a valid value and rerun the job.

OTUL0258E WRONG PASSWORD SUPPLIED - DATASET: XXX

- Reason: The CopyDecrypt program has detected that a different password was supplied during decryption than the one used to encrypt the file. The same password is required for both functions.
- Action: Update the password in the decryption job and rerun. If needed, contact the owner of the dataset to verify you were given the correct password.

OTUL0259E RECFM=V/VB DATASET AND INVALID BDW DETECTED. BDW: xxxxxxxx BDW ERROR CODE=y

Reason: The Tape/Copy EXCP copy engine detected an invalid Block Descriptor Word (BDW) on an input file with RECFM=V/VB. xxxxxxxx is the bad BDW. y is the internal error code identifying the cause of the error. The error codes are as follows:

- 1 - An LBI BDW was detected on a non-LBI dataset
- 2 - An LBI BDW was detected but the block size in the BDW is >256K
- 3 - The format of the BDW is invalid
- 4 - The block size value in the BDW is not at least four bytes long

Action: The user can opt to use the EXCP-BYPASS-SPECIAL-RECFMVB-HANDLING to copy the dataset. Be aware however, that the output dataset may not be usable by most programs though it will exactly match the input dataset. If necessary, contact Technical Support for assistance.

OTUL0260E ERROR DURING CONVERSION PROCESSING, RESET/CLEANUP ROUTINE ENTERED DETECTING OFFSET: xxxx

Reason: This error message is issued when a conversion encounters certain types of errors during processing. The Reset/Cleanup routine was entered and has cleaned up after the error. The job log, rejection messages and possibly other WTOs will have more information about the error that occurred. xxxx is the offset of the instruction that detected the error.

Action: Contact Technical Support for assistance.

OTUL0261I ESTAE RECOVERY ROUTINE ENTERED - ABEND=S000 U0000 REASON=00

Reason: This informational message is issued when CopyDecrypt intercepts a conversion abend. CopyDecrypt processing will attempt to continue with the next tape, if conditions allow.

Action: No user action is required. This is an informational message only. However, users may wish to investigate why the failing volser could not be converted. If you are unable to determine the reason for the abend, contact Technical Support for assistance.

OTUL0262E BLOCK READ EXCEEDS TAPECOPY MAXIMUM BLKSIZE

Reason: Tape/Copy's EXCP driver encountered a physical block that was larger than the maximum blocksize the product supports, while reading the input tape during a tape copy/move operation. The copy/move operation is terminated.

Action: No user action is required. This is an informational message only.

OTUL0263I nnnnnnnn PROCESSING COPY REQUEST xxx OF yyy

Reason: This message is issued as a result of a "F nnnnnnnn,STATUS" request being issued against the conversion job identified as nnnnnnnn. The value of xxx represents the current copy request and yyy represents the total number of copy requests in the current conversion job. In addition this message is also issued after messages OTUL0264W and OTUL0265W to show where in copy processing the conversion engine was when the HALT command was received. This request is honored only when multiple copy requests are being processed by the conversion program. If a status request is issued against a conversion job containing only one copy request, it may not be honored.

Action: No action is required.

OTUL0264W nnnnnnnn HALT IMMEDIATE REQUEST ACCEPTED, TERMINATION STARTED

Reason: This message is issued as a result of a "F nnnnnnnn,HALT,I" request being issued against the conversion job identified as nnnnnnnn. The HALT IMMEDIATE request will interrupt the current copy request as soon as possible and terminate the current conversion job. This message will be followed by message OT000233I.

Action: Restart the interrupted conversion job.

OTUL0265W nnnnnnnn HALT REQUEST ACCEPTED, TERMINATION SCHEDULED

Reason: This message is issued as a result of a "F nnnnnnnn,HALT" request being issued against the conversion job identified as nnnnnnnn. The HALT request will terminate the current conversion job as soon as the current copy request has completed. This message will be followed by message OTUL0263I.

Action: Restart the current conversion job.

OTUL0266W nnnnnnnn UNSUPPORTED CONSOLE REQUEST IGNORED

Reason: This message is issued as a result of a "F nnnnnnnn,xxxxxxx" request being issued against the conversion job identified as nnnnnnnn and xxxxxxx represents a command other than STATUS, HALT or HALT,I.

Action: The request is ignored and processing continues.

OTUL0267E EXCP ERROR: xxx yyy zzz

Reason: This message indicates that the Tape/Copy INTERNAL (EXCP) engine encountered a terminating error condition during the physical portion of the tape copy operation. The error encountered could be a physical error (I/O error) or a logical error (such as an invalid BDW on a RECFM=VB dataset or a failure during end of data checking). Invalid BDW errors are indicated by the following error codes: 25, 36, 57. These errors occur in the following cases: the size of the block read is not equal to the BDW size, the format of the BDW is invalid (right 2 bytes not zero on non-LBI BDW), an LBI BDW was detected on a non-LBI dataset. These conditions are very unusual on RECFM=V/VB datasets, and may indicate problems with the dataset. They may also make the dataset unreadable by programs. Error code 57 is used to indicate that the block read is larger than the BDW size. The copy operation is terminated.

xxx is the EXCP engine function.

yyy is the subroutine.

zzz is the internal error code.

Action: Contact Technical Support for assistance. If the error code indicates it is one of the two BDW errors (COPY READ 25, or 36), then you should review the description of the EXCP-BYPASS-SPECIAL-RECFMVB-HANDLING parameter to determine if you want to attempt to re-copy the dataset. With the parameter set to YES, the Tape/Copy INTERNAL EXCP engine does not use BDWs and will not object to invalid BDWs. The copy operation will run slower. If the error code indicates the BDW errors (COPY READ 57), then review the description of the EXCP-ASSUME-18-BYTE-PADDING parameter to determine if you want to attempt to re-copy the dataset. Technical Support can analyze the EXCPDIAG trace produced to determine the exact BDW problem detected. End of dataset checking failures are indicated by error code 61. For this error (COPY READ 61) you should review the BYPASS-END-OF-VOLSET-TEST parameter to determine if you want to attempt to re-copy the dataset. With the parameter set to YES the normal end of volume checking is suppressed and the conversion should complete successfully. Other error codes may not have an override parameter and usually require that you contact Technical Support for assistance, sending job log and EXCPDIAG SYSOUT dataset.. The Tape/Copy EXCP engine maintains an internal diagnostic trace and this trace is printed out on all OTUL0267E errors. This small trace usually allows Technical Support to diagnose the problem very quickly and accurately.

OTUL0268A BAD BLOCK ON DATASET xxx REPLY "S" TO SKIP BAD BLOCKS OR "T" TO TERMINATE

- Reason: This WTOR message is issued on the first bad (unreadable) input block that is encountered on a dataset during a conversion operation, when the user parameter EXCP-SKIP-UNREADABLE-BLOCKS was set to PROMPT.
- Action: Reply 'S' to tell Tape/Copy to skip the first 100 bad blocks on that dataset. Or reply 'T' to tell Tape/Copy to terminate the copy operation.

OTUL0269W DATASET xxx HAS MORE THAN 100 BAD BLOCKS. COPY WILL TERMINATE

- Reason: During a conversion operation in which the user had specified that bad blocks on an input dataset should be skipped over, the limit of 100 bad blocks has been reached.
- Action: Copy operation terminates. No user action required. Contact Technical Support for assistance if necessary.

OTUL0270I OTRACF REQUEST FAILED, SAFRC:X"00000000" RACROUTE REQ=AUTH R15:X"00000000" R0:X"00000000"

- Reason: The Tape/Copy RACF facility after issuing a RACROUTE request received a failure indication in the SAF interface, the SAF return code is displayed in the field SAFRC, the RACROUTE return and reason codes are displayed in the fields R15:X'.....' R0:X'.....' This message will only be displayed when the executing program is executing in a special diagnostic mode that might be enabled by Technical Support to diagnose a problem.
- Action: No action required. This is an information only message.

OTUL0271E CRYPTKEY DATA IS INVALID: XXX

OUTL0271E CRYPTKEY DATA='YYY'

- Reason: The Encryption Processing Setting is did not specify a valid value. XXX further describes why the value is invalid. YYY is the invalid value, for reference.
- Action: Correct the value and retry the process.

OTUL0272E INVALID DCB INFORMATION DDNAME=XXX

- Reason: The DCB information (DSORG, RECFM, LRECL, BLKSZ) for DDNAME XXX is not valid for a CopyCrypt encrypted file.
- Action: If you are creating a new file then specify the correct DCB information. If you are specifying an input file then that file does not appear to be a CopyCrypt file, please review your input file.

OTUL0273E ERROR DETECTED IN CRYPT BSAM READ/WRITE ROUTINE

- Reason: An error as occurred during CopyCrypt processing.
- Action: Check for any unapplied maintenance that may address this problem, if none is found report the problem to Technical Support along with the full job output.

OTUL0274E DFSMS/DSS UIM EXIT 06 PASSED RECORD TOO LONG

- Reason: A record longer than 65,535 bytes was passed to the UIM routine by DSS, and the UIM routine is not designed to support blocks larger than 65,535.
- Action: Report the problem to Technical Support along with the full job output.

OTUL0275I COPY_CRYPT XXCRYPTING YYY TASK=X'ZZZ'

- Reason: Informational message to indicate that CopyCrypt is taking action on the specified function and task. XXX=ENCRYPTING/DECRYPTING
YYY=DUMP/RESTORE/COPYDUMP ZZZ=task id number in char hex.
- Action: No user action required.

**OTUL0276W SPECIFICATION OF U=XXXXXXXX IGNORED, VALUE HAS BEEN FORCED TO:
CURRENT**

- Reason: During the execution of the program issuing the message, the parameter value of the RACF-AUTHORIZATION-CHECKING parameter was found to be U=XXXXXXXX (where xxxxxxxx is a RACF USERID); however, this program only supports this RACF-AUTHORIZATION-CHECKING parameter value as NO, NONE or CURRENT, as a result the RACF authorization functions have replaced the U=XXXXXXXX value with a value of CURRENT.
- Action: No action required. This is an information only message.

OTUL0277I DFSMS/DSS ENDED RC=xxxx

- Reason: This is just an informational message to supply the return code received from the DFSMSdss call.
- Action: No user action required.

**OTUL0278E UFNOIN FLAG IN ADRUFO RECORD IS OFF, DECRYPTION PROCESSING FOR
TASK=X''12345678'' BYPASSED**

- Reason: The UFNOIN flag is set by ADRUIXIT (DFSMSdss Installation Exit) processing.
- Action: Assure that ADRUIXIT has been updated to set the UFNOIN flag for decryption requests. For more information regarding ADRUIXIT, see the product installation instructions.

OTUL0279E BLOCK > 32760 BYTES LONG, CANT WRITE TO DISK

- Reason: Tape/Copy encountered an input block that was larger than 32760 bytes long. It cannot be copied to the output file on disk.
- Action: The file cannot be copied to disk. The file can be copied to tape instead. If it must go to disk, it must be re-blocked to a smaller blocksize first.

OTUL0280E OTUL3060 ATTACH OF ENCRYPT/DECRYPT MODULE FAILED, ABEND FOLLOWS

- Reason: The Tape/Copy RSA interface failed to ATTACH a required module.
- Action: Contact OpenTech Technical Support for assistance, be sure to have all job related input/output available.

OTUL0281E OTUL3060 UNRECOGNIZED WAIT INTERRUPT, ABEND FOLLOWS

Reason: The Tape/Copy RSA interface received an unrecognized wait interrupt.
Action: Contact OpenTech Technical Support for assistance, be sure to have all job related input/output available.

OTUL0282E OTUL3060 DETACH OF ENCRYPT/DECRYPT MODULE FAILED

Reason: The Tape/Copy RSA interface failed to DETACH a required module.
Action: Contact OpenTech Technical Support for assistance, be sure to have all job related input/output available.

OTUL0283E OTUL3060 PASSED KEY LENGTH IS NOT VALID FOR REQUESTED ENCRYPTION/DECRYPTION ALGORITHM

Reason: The Tape/Copy RSA interface was passed a key which had a key length that was not valid for the requested algorithm.
Action: Contact OpenTech Technical Support for assistance, be sure to have all job related input/output available.

OTUL0284I DYNAMIC ALLOCATION ERROR: OTUL3060

Reason: OTUL3060 encountered a dynamic allocation failure.
Action: Additional messages follow to describe failure.

OTUL0285I RETURN CODE: X".....", ERROR

Reason: X"....." describes the dynamic allocation failure code.
Action: Contact OpenTech Technical Support for assistance, be sure to have all job related input/output available.

OTUL0286I FAILING DDNAME: XXXXXXXX

Reason: Names failing ddname which experienced dynamic allocation failure.
Action: Contact OpenTech Technical Support for assistance, be sure to have all job related input/output available.

OTUL0287I 1...5...0...5...0...5...0...5...0...5

Reason: The OpenTech RSA interface received a nonzero return code from the called module, the variable text identifies the failure.
Action: Contact OpenTech Technical Support for assistance, be sure to have all job related input/output available.

OTUL0288E RSA ERROR XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX, RSA CALL, RC

Reason: An error occurred on a call to the RSA component of the OpenTech software encryption facility. The name of the call and the return code are displayed.
Action: Contact Technical Support.

OTUL0289E ENCRYPTION-KEY-DB: ICSF AND ENCRYPTION-FACILITY: SOFTWARE. PARM COMBINATION IS INVALID

- Reason: The combination of user parameter ENCRYPTION-KEY-DB with the value ICSF and ENCRYPTION-FACILITY: SOFTWARE is invalid. If ENCRYPTION-KEY-DB is ICSF then the ENCRYPTION-FACILITY parameter value must also be ICSF.
- Action: Change the value of one of the two user parameters.

OTUL0290E COPYCRYPT KEY DATABASE MASTER KEY ERROR. KEY DATABASE NEEDS REPAIR

- Reason: An error with the CopyCrypt master key was detected. Encryption/decryption processing using the CopyCrypt Key database cannot continue.
- Action: Attempt to recover the CopyCrypt Key database using the KEYDBRST JCL with backups of the database and database update log.

OTUL0291E COPYCRYPT KEYDB DES2 KEY WAS NOT IN PROPER DES2 KEY FORMAT

- Reason: A DES2 type key in the CopyCrypt Key database was found not to be in the required special DES2 format needed by CopyCrypt. The encryption/decryption of the dataset is terminated.
- Action: Contact Technical Support.

OTUL0292E ERROR READING THE FIRST BLOCK OF THE INPUT DATASET

- Reason: Tape/Copy encountered an error while attempting to read the very first block of the input file. The file was not copied.
- Action: Look for the IOS000I message in the job log to see what kind of error was encountered.

OTUL0293E KEY TYPE MISMATCH ON KEY: XXXXXXXXXXXXXXXXXXXXX

- Reason: The key type supplied by the user for an encryption of a file does not match the attributes found for that key in the CopyCrypt key database.
- Action: Specify the correct key type for the key to be used.

OTUL0294E DFSMS/DSS PARAMETER DATA LENGTH EXCEEDS 100 CHARACTERS

- Reason: The DFSMS/DSS parameter supplied in the DSSPARMS DD statement or the DSSPARMS PARMLIB member contains data that is longer than 100 characters. The length limit is 100 characters.
- Action: Correct the parameter length

OTUL0295E DFSMS/DSS CRYPTKEY DATA LENGTH EXCEEDS 66 CHARACTERS

- Reason: The DFSMS/DSS cryptkey parameter supplied in the CRYPTKEY DD statement is longer than 66 characters.
- Action: Correct the cryptkey.

OTUL0296E TLMS RMF "DEFAULT" RECORD NOT FOUND

Reason: The DEFAULT record was not found in the specified TLMS RMF file.
Action: Ensure that the TMS-RETENTION-CONTROL-FILE-NAME parameter is pointing to the correct file name. Contact OpenTech Systems Technical Support for further assistance.

OTUL0297I REQUESTING PARAMETER LIST IS NOT VALID FOR EDM UPDATE REQUESTS

Reason: The parameter passed to the ZARA TMS update driver is not valid for EDM Updates.
Action: Contact Technical Support for assistance.

OTUL0298I SUPPORT FOR EDM UPDATE IS NOT AVAILABLE FOR TTHE CURRENT RELEASE OF ZARA

Reason: The release of the ZARA TMS in use by the customer is not supported by Tape/Copy for Zara EDM support.
Action: Contact Technical Support for assistance.

OTUL0299E OT KEY DB CONTROL CARD ERROR: XXXXXXXXXXXXXXXX

Reason: The control card used with the CopyCrypt key database update program was not valid. See inserted text reason for more information about the error that occurred.
Action: Change the control card and re-submit the update job.

OTUL0300W OTRDPARM FAILED: xxx

Reason: The text xxx is replaced with one of the 32 byte text strings which follow:
TERMINAL ERROR IN OTRDPARM
MEMBER/DDNAME NOT FOUND
MEMBER NAME ==>> DD DUMMY
Action: For MEMBER/DDNAME NOT FOUND the member name specified in the >member name on the TMS-DATASET-NAME was not found in the OTRMLIB, correct this problem and rerun. If the problem persists, contact Technical Support for assistance. For MEMBER NAME ==>> DD DUMMY the member name specified on the TMS-DATASET-NAME parameter was coded as a DDNAME in the Tape/Copy job stream as DD DUMMY, correct this problem and rerun. If the problem persists, contact Technical Support for assistance. For TERMINAL ERROR IN OTRDPARM, contact Technical Support for assistance.

OTUL0301I INVALID ENTRY FOUND IN PARMLIB MEMBER: xxx STMT IN ERROR FOLLOWS

- Reason: The text xxx is replaced with the member name from the TMS-DATASET-NAME parameter, the message indicates that a dataset name was not found on the statements read from member name.
- Action: This message is followed by message OTUL0302I which contains the statement in error, correct this problem and rerun. If the problem persists, contact Technical Support for assistance.

OTUL0302I yyy

- Reason: See message OTUL0301I.
- Action: See message OTUL0301I.

OTUL0303I DSN: xxx NOT FOUND, ABORTING

- Reason: The text xxx is replaced by the 44 byte dataset name specified in the parmlib member pointed to by TMS-DATASET-NAME and identifies the dataset name which cannot be found on the customers system.
- Action: Correct this problem and rerun. If the problem persists, contact Technical Support for assistance.

OTUL0304E COPYCRYPT KEY DB INIT PROGRAM: DUP RECORD FOUND. DATABASE ALREADY INITED

- Reason: The CopyCrypt key database initialization program found that a dataset with the same name already exists. The initialization program is terminated.
- Action: If a new Key database is to be created, then change the name so it is different than the existing file. If the existing database is to be re-initialized, it must first be deleted, then the Key database initialization program can be run.



Warning Do not delete the existing Key database if there is any chance that keys in it may be needed to decrypt already encrypted files!

OTUL0305E THE OPENTECH KEY DATABASE HEADER RECORD IS NOT VALID.

- Reason: A Tape/Copy program processing the software key database used with encryption determined that the Header record in the key database is invalid. Further processing of the key database is terminated.
- Action: Contact OpenTech support.

OTUL0306E LENGTH OF RMM <type> RECORD (<length>) EXCEEDS MAXIMUM FOR RMM RELEASE SPECIFIED

- Reason:** The length of the RMM Volume Extract (RVEXT) or Dataset Extract (RDEXT) record is longer than the expected length for that type of record under the RMM release, which was specified in the TAPE-MANAGEMENT-SYSTEM parameter.
- Action:** Update the TAPE-MANAGEMENT-SYSTEM parameter to the correct value and restart the job. It may be necessary to set the value higher than your z/OS level if RMM maintenance has added functionality from higher levels of RMM. If this does not correct the problem, contact OpenTech Technical Support for assistance.



Note This message may be issued for both the Volume Extract and Dataset Extract records even if only one of the records exceeds the expected length. The corresponding OT\$\$SNAP output is created to display the RVEXT/RDEXT records that prompted the messages.

OTUL0307I FILE ABENDED VOL=<volser> SEQ=<file seq> DSN=<dsn>

- Reason:** An abend has occurred while copying a tape file. The volser, file sequence and dataset name of the file are listed in the message. The specific reason for the error should be explained in the accompanying messages.
- Action:** This is an informational message. Contact OpenTech Systems Technical Support for further assistance.

OTUL0308I ABEND RECOVERY - <message>

- Reason:** This is a tape dataset recovery status message.
- Action:** This informational message is issued to trace the tape dataset recovery steps that were performed in response to a tape dataset conversion abend. Potential message values are:
- OUTPUT FILE WAS NOT OPEN
 - OUTPUT FILE WAS CLOSED
 - OUTPUT FILE TMS UPDATE ERROR
 - INPUT FILE WAS NOT OPEN
 - INPUT FILE WAS CLOSED
 - INPUT FILE TMS UPDATE ERROR

OTUL0309I UNABLE TO UNCATALOG THE OUTPUT TAPE DATASET

- Reason:** Tape/Copy was unable to uncatalog an output tape dataset during the tape dataset error recovery.
- Action:** Manually check to see the catalog status of the tape dataset and manually uncatalog the output tape dataset if it should be uncataloged.

OTUL0310I UNABLE TO CATALOG THE OUTPUT TAPE DATASET

Reason: The attempt to catalog the output tape dataset failed.
Action: No user action is required. Tape/Copy processing is bypassed for this dataset.

OTUL0311I UNABLE TO EXTRACT VOLSER FROM BACKUP FILE NAME

Reason: The attempt to extract the source volses from the backup file dataset name failed.
Action: Contact OpenTech Systems Technical Support for further assistance.

OTOT000312I DSN: nnnn..nnnn IN USE BY XXXXXXXX ON YYYYYYYY

Reason: An attempt was made to scratch a pre-existing dataset (nnnn..nnnn); however, the dataset was in use by another job/user (XXXXXXX) on system (YYYYYYY).
Action: Wait for the job/user to relinquish control of the named dataset and rerun the affected job.

OTUL0313I FILE CONSISTENCY ERROR: <message>

OTUL0313I VOL=<volser> SEQ=<file sequence> DSN=<dataset name>

Reason: This is a tape dataset copy processing status message.
Action: This informational message explains an unexpected condition that was encountered while processing the file. The appropriate action to be taken depends on the particular reason for the message. Potential message values are:

FIRST VOLSER IN JFCB DOES NOT MATCH TAPE LABEL

Description For the first volses of a volume or volset (fileseq=1), the trailer label at the end of the dataset had a different first volses in it. This message will be produced whether this condition is to be allowed by the user.
Action If ALLOW-MISSING-INPUT-DATASET-VOLUME is set to "YES", the first volses mismatch condition will be ignored and the dataset considered successfully copied.

NO END OF FILE FOUND AT END OF INPUT DATASET

Description There was not an End-of-File (EOF) label at the end of the dataset just copied (the end of the dataset on the current volume and the TMC did not know of any more volumes that the dataset spanned onto). There may have been an End-of-Volume (EOV) label, indicating that this dataset spans onto another volume.
Action If ALLOW-MISSING-INPUT-DATASET-VOLUME is set to "YES", the no-EOF label condition will be ignored and the dataset considered successfully copied. Note that the check is to ensure that the entire dataset copied successfully and to alert the user to the possibility that there are, or once were, additional volumes that the dataset spanned onto. It is recommended that this parm only be set to YES for limited use, to get past this and other conditions.

EOF LABEL ENCOUNTERED BEFORE LAST VOLUME OF FILE

Description	A volume before the last known volume of the dataset had an End-of-File (EOF) label, instead of an End-of-Volume (EOV) label. This could indicate that this dataset has “missing” volumes, and not all data was copied.
Action	If the missing volumes can be found, the TMC can be updated and the dataset re-copied. Otherwise, If ALLOW-MISSING-INPUT-DATASET-VOLUME is set to “YES”, the EOF-before-the-last-known-volume condition will be ignored and the dataset considered successfully copied. Note that the check is to ensure that the entire dataset copied successfully and to alert the user to the possibility that there are, or once were, additional volumes before the last for that dataset. It is recommended that this parm only be set to YES for limited use, to get past this and other conditions.

LAST FILE ON STACK NOT FOLLOWED BY TWO TAPE MARKS

Description	When tape files are created the last file in a stack (or the only file) is always followed by two tape marks. This message indicates that the last file recorded in the TMS is not followed by two tape marks and therefore you can conclude that there are files on those tapes that are not recorded in the TMS and will not be copied by Tape/Copy.
Action	You can bypass the validation for this condition by setting BYPASS-END-OF-VOLSET-TEST: YES (see BYPASS-END-OF-VOLSET-TEST in the parameter guide for a full description of the tests that are skipped when it is set to yes); however, this will cause any unrecorded files to not be copied. Alternatively, you can run the Tape Analysis program, JCLLIB(TAPANLYZ), with ACTION ANALYZE and SCOPE VOLUME to get a report of the files that actually exist on those tapes and use that information to update the TMS with the missing files. Then, regenerate the Tape/Copy conversion job to allow it to select and process all of the files on the tape. For R2.7.4, there would be a third option where you would set BYPASS-END-OF-VOLSET-TEST to Copy-Unknown, which would avoid the effort required to update the TMS but would leave the unrecorded files in an unrecorded state which may or may not be desirable.

MISSING OR OUT-OF-ORDER INPUT VOLUME DETECTED

Description	When TapeCopy detects EOV/EOF at the end of a dataset on the current volume, it checks the EOV/EOF trailer label's volume sequence field to see if the volume sequence of this dataset matches the one from the TMC. If not, this message is put out and may indicate a missing volume.
Action	If the missing volumes can be found, the TMC can be updated and the dataset re-copied. Otherwise, If ALLOW-MISSING-INPUT-DATASET-VOLUME is set to “YES”, the missing or out-of-order condition will be ignored and the dataset considered successfully copied. Note that the check is to ensure that the entire dataset copied successfully and to alert the user to the possibility that there are, or once were, additional volumes for that dataset. It is recommended that this parm only be set to YES for limited use, to get past this and other conditions. And for

VDR, when a dataset created using VDRMOD is restored with TapeCopy, ALLOW-MISSING-INPUT-DATASET-VOLUME must be set to "YES", or the restore can fail with out-of-order volumes.

OTUL0314I END OF VOLUME ON OUTPUT TAPE REACHED AND NO SPAN OPTION IN EFFECT

- Reason: The end of the output tape has been reached. There are more input datasets to process in the current copy job but the SPAN-ONTO-ADDITIONAL-OUTPUT-VOLUMES parameter value is set to NO, indicating that the user does not wish to overflow onto an additional output tape (does not want to create a multivolume output). The copy job will end.
- Action: The copy job will end and the input tape will be "reset". The user can set the SPAN-ONTO-ADDITIONAL-OUTPUT-VOLUMES parameter value to YES to prevent this error. However, multivolume output tapes will then be allowed to be created. If the user intentionally set SPAN-ONTO-ADDITIONAL-OUTPUT-VOLUMES to NO, then this is an information message only.

OTUL0315I FEOV OPTION SPECIFIED BUT OUTPUT TAPE REACHED EOF BEFORE INPUT

- Reason: FORCE-EOV-ON-OUTPUT was specified but the output tape reached EOF before the input tape did. Since the FORCE-EOV-ON-OUTPUT option is used to create output tapes with the same amount of data as the input tape, we must terminate the copy operation with an error when this condition occurs.
- Action: Contact Technical Support for assistance or change the value of FORCE-EOV-ONOUTPUT.

OTUL0316I UNABLE TO OPEN/CLOSE THE INPUT/OUTPUT TAPE DATASET

- Reason: An error has occurred during OPEN or CLOSE processing for the input or output tape file. The return code/reason code (R15/R0) will be reported via WTO OTUL0032I.
- Action: Correct the problem preventing the OPEN or CLOSE processing and/or contact OpenTech Systems.

OTUL0317I VDRMOD VALIDATION ERROR - <message>

- Reason: An error was encountered while attempting to validate VDRMOD processing.
- Action: This informational message is issued to trace the cause of the VDRMOD validation error. Potential message values are:
- IS NOT SUPPORTED BY SPECIFIED TMS
 - DOES NOT SUPPORT UNCATLOGED DATASETS
 - DOES NOT SUPPORT STACKED TAPES
 - CAN NOT LOCATE DUALCOPY BACKUP

OTUL0318E KEY: XXXXXX NOT FOUND IN KEY DB

- Reason: The key specified by the key label was not found in the CopyCrypt key Database. The encryption/decryption operation is terminated.
- Action: Check that the correct Key database is being used and make sure the key to be specified is in that Key database. The Key database validate and list key program (KEYDBVAL JCL), lists all user keys in a Key database.

OTUL0319I EXECUTION OF THIS PROGRAM REQUIRES THAT XXXXXX DDNAME BE ALLOCATED

- Reason: The program being executed requires the ddname identified to be allocated.
- Action: Correct the jcl and rerun job, Contact OpenTech Technical Support for assistance, be sure to have all job related input/output available.

OTUL0320E PROBLEM RETRIEVING KEY FROM OT KEY DATABASE: XXXXX

- Reason: For one of a number of possible reasons, the desired key was not able to be retrieved from the CopyCrypt key database and used. See the inserted text reason for the specific error encountered.
- Action: Make a correction based on the specific reason for the error, or contact Technical Support.

OTUL0321I INTERNAL ERROR: MESSAGE TO BE DISPLAYED IS PAST THE END OF THE OPENTECH MESSAGE TABLE

- Reason: There was an error in the OpenTech message displaying program. This is an internal error. The message which was to be displayed, cannot be.
- Action: Contact Technical Support.

OTUL0322E PARMLIB MEMBER XXXXXXXX IS EMPTY OR MISSING PROCESSING IS TERMINATED.

- Reason: The specified member was either empty or missing from the parmlib. This condition is not valid and has caused the processing to be terminated.
- Action: Correct the status of the listed parmlib member and/or contact OpenTech Systems Technical Support for further assistance.

OTUL0323E LESS THAN 255 VOLUMES ARE SUPPORTED FOR DDNAME <ddname>

- Reason: The specified DD name is not coded to allow up to 255 volumes for each file.
- Action: Correct the JCL VOL= specification and/or contact OpenTech Systems Technical Support for further assistance.

OTUL0324E DATASET XXXXXXXX CANT BE RESTORED: YYYYY

- Reason: The Tape/Copy job was copying tape to disk and it encountered an error that prevented a single dataset from being restored. XXX indicates the tape dataset that had the problem and yyy is a description of the problem encountered.

If YYYYYY is "13 > ", it means that you attempted to reblock a dataset from its original block size to one more than 13 times smaller. TapeCopy has a restriction that it must be 13 times or less smaller.

Action: Correct the problem identified by the messages and re-run the job. Contact Technical Support for assistance, if required.

OTUL0325E DUPLEX OUTPUT PROCESSING INTERNAL ERROR: xxx yyy

Reason: An internal error was detected while performing a Tape/Copy job with the duplexing option in effect. xxx and yyy provide more information about the cause of the error.

Action: Contact Technical Support for assistance.

OTUL0326E ERROR DURING CONVERSION PROCESSING, RESET/CLEANUP ROUTINE ENTERED DETECTING OFFSET: xxxx

Reason: This error message is issued when a Tape/Copy encounters certain types of errors during processing. The Reset/Cleanup routine was entered and has cleaned up after the error. The job log, rejection messages and possibly other WTOs will have more information about the error that occurred. xxxx is the offset of the instruction that detected the error.

Action: Tape/Copy will attempt to continue with conversion processing depending on the type of error and other conditions. The abend may cause an entry to be made in the BADMEDIA member of the PARMLIB.

OTUL0327E TAPE PROCESSING ERROR, VOLSER vvvvvv PLACED INTO BADMEDIA TABLE

Reason: An error occurred during the physical copy portion of a conversion operation. The error could be a physical (I/O error) or logical error, but it is one which will or may prevent the tape from being successfully copied if it is selected again for another conversion.

Action: Tape/Copy will place the volser and abend information in the BADMEDIA member of the Tape/Copy PARMLIB to prevent the failing volser from being selected for further processing. If you desire to copy this volser, correct the tape dataset, remove the volser entry from the BADMEDIA table and resubmit the conversion job.

OTUL0328E CONVERSION RECOVERY ROUTINE FAILURE

Reason: The dataset conversion process has recovery routines that are invoked when it is unable to complete a dataset conversion. Sometimes, the recovery routines are unable to completely restore a dataset to its original pre-conversion status.

Action: Check the Conversion Rejection Report for details on the reason the dataset failed to successfully convert. Contact Technical Support for assistance.

OTUL0329E INVALID DSNAME ENCOUNTERED DURING ATTEMPTED MODIFICATION

Reason: An error has been detected during the execution of the Conversion process when an output dataset name would have been created as all blanks.

Action: Contact Technical Support for assistance.

OTUL0330I ESTAE RECOVERY ROUTINE ENTERED - ABEND=S000 U0000 REASON=00

Reason: This informational message is issued when Tape/Copy intercepts a conversion abend. Tape/Copy processing will attempt to continue with the next tape, if conditions allow. This message is accompanied with message OTUL0332I.

Action: No user action is required. This is an informational message only. However, users may wish to investigate the reason the failing volser could not be converted. If you are unable to determine the reason for the abend, contact Technical Support for assistance.

OTUL0331E TWO CONSECUTIVE ABENDS WHILE OPENING AN INPUT DATASET. CONVERSION JOB WILL TERMINATE

Reason: Two consecutive abends were encountered while the Tape/Copy conversion job was attempting to open an input dataset. While Tape/Copy generally attempts to continue with the next volset after it recovers from an abend, there are some conditions where that is not possible. There are some open errors which leave the tape drive in a state that causes later opens to fail. Because two opens in a row occurred on the input file, Tape/Copy assumes that the first error is causing the second open to fail and that subsequent opens will also fail.

Action: Correct the condition causing the open errors. If necessary, contact Technical Support for assistance.

OTUL0332I <Product> WILL ATTEMPT TO CONTINUE PROCESSING WITH THE NEXT TAPE

Reason: This informational message accompanies message OTUL0330I.

Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OTUL0333I INPUT DATASET RECOVERY IS NOT PERFORMED FOR Sx22 ABENDS

Reason: This informational message is issued when a Sx22 abend is detected by the Abend Recovery Routine. The x22 abends cause immediate termination and input datasets status recovery is not performed.

Action: Clean up of MVS catalogs and the tape management system entries may be required.

OTUL0334E MULTIPLE INPUT DD SUPPORT INTERNAL ERROR

Reason: An error related to multiple input DD support was detected by the conversion job.

Action: Contact Technical Support for assistance.

OTUL0335E <product> REQUIRES LARGE BLOCK INTERFACE SUPPORT, OS/390 R10 OR LATER

- Reason: Tape/Copy determined it was running on a system that does not support the IBM Large Block Interface. Tape/Copy requires the Large Block Interface, which came out in OS/390 R2.10.
- Action: Tape/Copy will terminate. Tape/Copy must be run on an OS/390 R2.10 or later system (any version of z/OS), or an earlier version of Tape/Copy must be used.

OTUL0336I DATASET xxx ADDED TO END OF OUTPUT TAPE TO SYNC

- Reason: The output tape device supports the IBM Buffered Tapemark feature and Tape/Copy was using that feature. That feature gains significant performance when stacking files onto a tape by not forcing the data in the device buffer to be written to the tape at the time a tapemark is written. Tape/Copy has reached the end of the job and has determined that some output tape data "may" not have been written to the tape - it may still be in the device buffer. In order to guarantee that all of the output tape data gets written to the tape, and without any undetected errors, Tape/Copy writes a null dataset after the last dataset copied, without using the buffered tapemark option, forcing all previous data to be written onto the tape. This null dataset has only labels and no data blocks. The need for Tape/Copy to perform this forced synchronization is very rare, and will usually only happen if the job is terminated before its normal end point.
- Action: No user action required. This is an informational message only.

OTUL0337E WRONG SIO APPENDAGE LOADED xxx

- Reason: A conversion job for which EXCPVR was specified has determined that the SIO (Start IO) appendage the user specified in EXCPVR-IO-APPENDAGE-SUFFIX parameter (the appendage name is IGG019xx where 'xx' is the suffix) is not the Tape/Copy SIO appendage. The conversion job is terminated with an error.
- Action: Ensure that the Tape/Copy SIO appendage is placed into the LPA and assigned an unused suffix in the range of WA-Z9 - this is an IBM requirement. The chosen suffix should be supplied on the EXCPVR-IO-APPENDAGE-SUFFIX parameter.

OTUL0338I EXCPVR WAS REQUESTED BUT IBM LBI FIX IS NOT ON. EXCP WILL BE USED

- Reason: The EXCPVR option was chosen on an OS/390 R2.10 or later system. A dataset to be copied had a block size MVS was aware of that it was greater than 32,760 bytes, so it required that the Large Block Interface (LBI) be used. However, the IBM fix that allows EXCPVR to work with LBI was not found on the system.
- Action: Tape/Copy will use plain EXCP for that dataset and any others that have LBI large block sizes. Datasets with block sizes no larger than 32,760 will use EXCPVR. Datasets produced by Utility programs such as DSF and FDR that have large block sizes, but whose actual block sizes are not known to MVS will also use EXCPVR, as LBI is not needed. Contact IBM to get the fix which allows EXCPVR to be used with LBI.

OTUL0339E AN ERROR WAS ENCOUNTERED WHILE BUFFERED TAPEMARKS WERE IN EFFECT

- Reason: This message indicates that a terminating error was encountered during a conversion job and the 3590 buffered tapemark performance feature was active at the time of the error. With that feature on, an output datasets' data will not necessarily have completely made it to the physical tape at the time the datasets are closed (it may still have been in the tape drive's buffer). This message is followed by informational message OTUL0340I, which contains the name of the last file placed onto the physical tape when copying with buffered tapemarks in effect. Any datasets after the one listed in the OTUL0340I message should be regarded as NOT copied, even if they appear in the conversion report as successfully copied.
- Action: Manually delete the output volumes and re-run the conversion job.

OTUL0340I LAST FILE KNOWN TO HAVE BEEN SUCCESSFULLY COPIED: xxx ON OUTPUT TAPE

- Reason: This informational message contains the name of the last file placed onto the physical tape when copying with buffered tapemarks in effect.
- Action: See the action for the associated messages.

OTUL0341E INVALID PARAMETER VALUE: xxxx yyyy

- Reason: The value specified by yyyy is not valid for parameter xxxx.
- Action: Check the Parameter Reference Guide for a list of values for the parameter in error. Update the parameter value and resubmit the job.

OTUL0342E USER PARM FORCE-EOV-ON-OUTPUT CAN NOT BE USED WITH OUTPUT FILE REBLOCKING

- Reason: A conversion job using output file reblocking had the FORCE-EOV-ON-OUTPUT parameter set to YES. This is not permitted as the output blocks will not be identical to the input blocks and when end of volume is reached on the input tape, the output file may be in the middle of a block.
- Action: Set FORCE-EOV-ON-OUTPUT to NO and re-run the job.

OTUL0344E ICSF IS EITHER NOT AVAILABLE OR A RESOURCE ICSF NEEDS IS NOT AVAILABLE

- Reason: The OpenTech encryption program issued a call to IBM's ICSF component and received a return code from ICSF indicating that either ICSF is not available or a resource ICSF needs for the type of call made is not available.
- Action: Make sure ICSF is up and running. If it is not, start it. If it is running contact IBM to determine what cryptographic resource that is required is not active or present.

OTUL0345I OUTPUT BLKSIZE GREATER THAN DEVICE MAXIMUM

- Reason: The DCB blocksize of the input tape is larger than the maximum blocksize allowed on the output device. The input file cannot be copied to that output device, and that copy has been terminated.
- Action: The file cannot be copied to disk. The file can be copied to tape. If it must go to disk it must be re-blocked first.

OTUL0346E TAPECOPY TAPE TO DISK OPTION REQUIRES DFSMS AT VERSION 1.1 OR HIGHER

- Reason: Tape/Copy detected that the level of DFSMS is not at least version 1.1. The VDR Recovery tape-to-disk feature requires DFSMS version 1.1 or later. The job is terminated.
- Action: Change the VDR-COPYRCVY-OUTPUT parameter to point to a tape device rather than DISK.

OTUL0347E MVS OPEN CHANGED THE OUTPUT DISK DATASET BLKSIZE FROM WHAT TAPECOPY HAD SET

- Reason: Tape/Copy detected that MVS Open changed the blksize of the output dataset from the Tape/Copy specified. Tape/Copy specifies the output blksize in the DCBE when using LBI (the Large Block Interface), and checks the DCBE after Open to make sure MVS did not change it. This is an IBM LBI error and IBM has maintenance that fixes this problem. This message will come out only if the IBM fix is not on the system. The dataset is not copied.
- Action: To copy the dataset, IBM maintenance must be applied to fix this error.

OTUL0348E xxx CONVERSION ERROR - SEE SYSPRINT DD SYSOUT FOR SPECIFIC FAILURE AND DIAGNOSTIC INFORMATION

- Reason: This error message is issued when a tape dataset that is being converted fails and the conversion engine being used is not the Tape/Copy EXCP INTERNAL engine. The conversion engine used returned to Tape/Copy with a failing return code. xxx is the conversion engine. You are directed to look in the SYSPRINT DD in the failing conversion job to determine the reason for the tape conversion failure.
- Action: The conversion job terminates. If necessary, contact Technical Support for assistance.

OTUL0349E THE KEYDB DATABASE LOG HAS EXPANDED TO MORE THAN 255 GENERATIONS. PROCESSING IS STOPPED

- Reason: The log which holds copies of updates to the CopyCrypt key database has filled up and cannot expand to another GDG generation because the GDG limit of 255 was reached. Encryption processing using that Key database is stopped.
- Action: Run the Key database backup job (KEYDBBK JCL) to backup the Key database and consolidate the log to a backup log. This will clear all generations of the active log.

OTUL0350I THE KEY DATABASE LOG HAS EXPANDED TO NNNN GENERATIONS

Reason: This is just an informational message. It is an alert to the fact the log has expanded to another generation.

Action: None required, but the log should be consolidated and cleared regularly by running the KEYDBBK JCL.

OTUL0351W THE KEY DATABASE LOG HAS EXPANDED TO NNNN GENERATIONS. BACKUP OF KEY DB SHOULD BE TAKEN SOON,

Reason: This is a warning message only. The Key database update log has expanded to at least 10 generations.

Action: It is recommended that the Key database backup job (KEYDBBK JCL) be run soon both to backup the Key database and to consolidate the log.

OTUL0352E ERROR WRITING UPDATED KEY DATABASE RECORD TO THE LOG. PROCESSING MUST STOP!!

Reason: An error was encountered while attempting to write a copy of a Key database update to the Key database log. In order to maintain integrity within the Key database and to preserve the ability to restore the Key database, Key database processing must stop.

Action: Run the Key database backup job (KEYDBBK JCL) and try again. If that fails, contact Technical Support.

OTUL0353E NECESSARY ENQUEUES NOT IN PLACE. KEYDB UPDATES AND LOGGING PREVENTED. OT INTERNAL ERROR

Reason: An OpenTech program attempting to update the Key database did not have the proper ENQs held.

Action: Contact Technical Support.

OTUL0354E xxx

Reason: During the execution of TLMS interface a failure was detected, the variable portion of the text will be replaced with one or more of the following text items.

TLMSCMD INTFC FAILED TO OPEN

TLMDATE FAILED TO OPEN

Action: Contact Technical Support for assistance.

OTUL0355E TABLE ENTRY ENCRYPT/DECRYPT FAILURE

Reason: One of the values used with your license authorization has been corrupted, making authorization impossible. This message is followed by a message which provides the name of the table that is bad.

Action: Contact Technical Support for assistance.

OTUL0356E DATASET: XXXXXXXX, ENC/DEC KEY TYPE MISMATCH

- Reason: During an encryption operation it was found that the key the user specified to use for decryption (which was in the CopyCrypt key database), had a key type different from the key type used for encryption. For example, if the key type used for encryption was DES3 and the key specified for decryption was AES128. The decryption operation is terminated.
- Action: Check to see if the Key database used for decryption is different than the key database used for encryption. Check to see if the key specified for decryption might have been re-created with a different key type (possibly by deleting the original key and creating it again with a different key type).

OTUL0357E DATASET: XXXXXXXXXXXX, RETURNED KEY NOT A PASSWORD

- Reason: During a decryption operation on a dataset encrypted using a password, a label of a key was supplied. Either ENCRYPT_KEY_DB: ICSF was specified for the job, in which case no password can be retrieved, or ENCRYPT_KEY_DB: OPENTECH was supplied, but the retrieved "key" turned out not to be a password type key.
- Action: Set ENCRYPTION-KEY-DATABASE: OPENTECH if it had been set to "ICSF" and if in fact the password needed is in the CopyCrypt key database. If not, check to see if the right key label was specified for the password. Finally, it is possible to directly supply the password to the decryption program if it is known.

OTUL0358E AUTO NEWNAME PATTERN INVALID: xxxxxxxxxxxx

- Reason: This error message is issued when an invalid auto newname pattern is detected and auto newname is in effect. The invalid pattern is placed into the message (xxxxxxxxx).
- Action: Correct the invalid pattern in the auto newname table and re-run the job. See Virtual Data Recovery (VDR) Guide for valid pattern format.

OTUL0359E SEVERE NEWNAME TABLE ERROR

- Reason: While the NEWNAME mass substitution feature was processing, an error was detected in the NEWNAME table structure.
- Action: Contact Technical Support for assistance.

OTUL0360E INVALID SUBSTITUTION (2ND) VALUE IN xxx TABLE

- Reason: The substitution value (second parameter of the NEWNAME table entries) is incorrect. xxx is the name of the NEWNAME table this error occurs in. This message is accompanied by message OT000102I which provides additional diagnostic information.
- Action: Contact Technical Support for assistance.

OTUL0361I FAILING STATEMENT: xxx

- Reason: This informational message is produced along with messages and provides additional information for correcting the invalid statement. xxx is the failing statement.
- Action: This is an informational message only. See the preceding message(s) for the suggested user action.

OTUL0362W product LICENSE PERIOD WILL EXPIRE AFTER xxx MORE INPUT TAPE CONVERSIONS

- Reason: This message tracks the remaining input tape conversions that are allowed under the current product leasing agreement. xxx is the number of conversions remaining under the current lease.
- Action: No user action is required. This is an informational/warning message only. If more conversions are needed, contact your OpenTech representative or Technical Support to acquire a lease extension.

OTUL363E product LICENSE CONVERSION LIMIT HAS BEEN REACHED

- Reason: This error message indicates that the number of tape conversions for which the product has been licensed has been reached and no further conversions will be allowed.
- Action: If more conversions are needed, contact your OpenTech representative or Technical Support to acquire a lease extension.

OTUL0364I PROCESSING ERROR OCCURED IN OTUL0275, ERROR CODE: 0001, ABEND WILL FOLLOW

- Reason: This error message indicates that an attempt to determine a blocksize value failed.
- Action: Contact OpenTech Technical Support for assistance, be sure to have all job related input and output available.

OTUL0365I ADVANCED RECALL IS NOT ACTIVE

- Reason: The Tape/Copy program being executed attempted to pass a command to the ADVR interface and determined that ADVR was not active.
- Action: The issuing program abends. Determine the reason the ADVR Recall Manager is not active and start it if necessary. Contact OpenTech Technical Support for assistance, be sure to have all job related input and output available.

OTUL0366I ADVANCED RECALL ROUTING FILE NAME NOT SPECIFIED

- Reason: The Tape/Copy parameter ADVR-ROUTING-FILE-NAME was specified as NONE. If the ADVR interface is to be used, then a valid dataset name must be specified for this parameter.
- Action: The issuing program abends. Correct the ADVR-ROUTING-FILE-NAME parameter and restart the falling job. Contact OpenTech Technical Support for assistance, be sure to have all job related input and output available.

OTUL00367I NO RESPONSE TO ADVR LOADQFILE REQUEST

ADVR REJECTED THE LOADQFILE REQUEST
SYSTEM NAME LENGTH INVALID
JOB NAME LENGTH INVALID
STEP NAME LENGTH INVALID

Reason: The above error messages are issued by the TapeCopy/ADVR interface and have the following meanings:

NO RESPONSE TO ADVR LOADQFILE REQUEST

After issuing the loadqfile request, the TapeCopy/ADVR interface waits for five minutes for ADVR to respond to the loadqfile request. After the 5-minute wait period expires, this message is issued and TapeCopy continues its execution as if ADVR were not present. This is not necessarily an error but indicates that ADVR was unable to respond to the loadqfile request within the time frame permitted.

ADVR REJECTED THE LOADQFILE REQUEST

ADVR received a loadqfile request but the response received by the TapeCopy / ADVR interface was not valid. TapeCopy continues its execution as if ADVR were not present.

SYSTEM NAME LENGTH INVALID

JOB NAME LENGTH INVALID

STEP NAME LENGTH INVALID

The information in the ADVR Routing file is incorrect, TapeCopy will terminate with a user 100 abend.

Action: Contact OpenTech Technical Support for assistance. Please have all output related to the failing TapeCopy job and the job log from ADVR for 15 minutes prior and after the TapeCopy job failure time.

OTUL0369E FAILURE DURING NAME/TOKEN aaaaaaaaa NAME 1: bbbbbbbb NAME 2: cccccccc

Reason: An attempt to aaaaaaaaa (Create / Retrieve) a Name/Token Pair identified by bbbbbbbb cccccccc failed.

Action: Contact OpenTech technical Support for assistance, be sure to have all job related input/output available.

OTUL0370E ONE OR MORE ERRORS FOUND IN VOLMEDIA TABLE, SEE ERROR REPORT.

Reason: One or more entries in the parmlib member: VOLMEDIA are in error.

Action: See the error report written to ddname VOLMEDRP for information regarding which statements were in error, make a correction based on the specific reason for the error, or contact Technical Support.

OTUL0371W AN ATTEMPT TO UPDATE TMC VIA TLMSCMD RETURNED A NON-ZERO RETURN CODE, DIAGNOSTIC DATA EXISTS

Reason: A TLMS update command failed due to a non-zero return code.
Action: The affected job is terminated. Contact OpenTech Technical Support for assistance, be sure to have all job related input and output available.

OTUL0372W A FAILURE IN THE TLMDATE CONVERSION ROUTINE WAS ENCOUNTERED, DIAGNOSTIC DATA EXISTS

Reason: A TLMS date conversion request produced unexpected results.
Action: The affected job terminates. Contact OpenTech Technical Support for assistance, be sure to have all job related input and output available.

OTUL0373I XXXXXXXX/XXXXXXXX DATASPACE CREATED

Reason: A dataspace named xxxxxxxx/xxxxxxxx was successfully created.
Action: No action required, this is an informational message.

OTUL0374E INVALID RULE VALUE FOUND

Reason: While processing the parmlib member UNCMRUL an invalid entry was found, this message is followed by the second part of the message:
OTUL0374E RULEID: xxxxxxxx VALUE; nnnnnnnn.....nnnnnnn
Where xxxxxxxx is replaced with the ruleid and nnnnnn.....nnnnnn is replaced with the THEN or DEFAULT value which was found to be invalid.
The above two messages will be followed by a U100 abend.
Action: Correct the invalid statement in the UNCMRUL parmlib member and rerun the job. Contact OpenTech technical support if help is required.

OTUL0375E VOLUME NOT SMS MANAGED:

Reason: An Auditlog was allocated on a non-SMS managed volume, is replaced with the dasd volser.
Action: Determine why the Auditlog dataset was allocated to a non-SMS volume and correct the problem and rerun job. Contact OpenTech technical support if help is required.

OTUL0376E THE TAPE/COPY ERASE PROGRAM FAILED DURING INIT

Reason: The Erase utility program failed during its initialization phase. The job is terminated.
Action: Look at the error report dataset to see what error occurred and correct.

OTUL0377E THE TAPE/COPY ERASE PROGRAM FAILED DURING INIT

Reason: The Certify/Label utility program failed during its initialization phase. The job is terminated.
Action: Look at the error report dataset to see what error occurred and correct.

OTUL0378E PARM=SIM NOT SUPPORTED BY THIS PROGRAM, ABORTING

- Reason: A program was executed with parm=sim coded on the execute statement, however the executed program does not support execution in simulate mode.
- Action: Remove the parm=sim from the execute statement and rerun the affected job. Contact OpenTech technical support if help is required.

OTUL3060 PASSED KEY LENGTH IS NOT VALID FOR REQUESTED ENCRYPTION/DECRYPTION ALGORITHM

- Reason: The Tape/Copy RSA interface was passed a key which had a key length that was not valid for the requested algorithm.
- Action: Contact OpenTech Technical Support for assistance, be sure to have all job related input/output available.

OTUL0380E OUTPUT TAPE REACHED EOVS AREA BUT DATASET TYPE PREVENTED SWITCHING TO ANOTHER VOLUME

- Reason: The dataset being copied is a special type (such as CA-Disk or DFSSHSM) that cannot span onto an additional output volume. After TapeCopy got the first indication from the output tape drive that data blocks were now being written into the "end of volume warning area" (Unit Exception status from the device at the end of a successful write channel command), TapeCopy did not call EOVS to switch to another output volume as it normally would, but instead continued writing blocks from the input tape to complete the copy of the dataset in the limited area left on the output tape. The actual end of the output tape was reached before the dataset copy was completed. The copy failed and the reset/recovery will be performed.
- Action: This dataset must be written to an output volume with enough capacity to contain the entire file, as the type of dataset is not allowed to span volumes.

OTUL0381E EOF LABEL INDICATES DATASET WAS CA BTE ENCRYPTED, BUT IT WAS OPENED WITH LABEL=SUL

- Reason: After copying the dataset, a check was made to see if this dataset was a CA BrightStor Tape Encrypted dataset. The system field in the EOF1 trailer label indicated it was. But this dataset was processed with label=SUL, because that was the label type recorded in the tape management system, and the actual label type used. If SUL is used instead of SL, BTE will not decrypt the dataset. The dataset copy failed and the reset/recovery is performed.
- Action: This dataset must be copied with INPUT-LABEL-FORMAT: SL. With certain tape management systems at the newer release levels, or with CA PTFs, CA code will automatically put label=SL into the tape management catalog entry of BTE encrypted datasets. This will allow BTE encrypted datasets created afterwards to be copied by TapeCopy without the need to manually correct the tape management catalog or manually specify INPUT-LABEL-FORMAT: SL.

OTUL0382I END OF VOLUME ON OUTPUT TAPE REACHED AND SPAN-ONTO OPTION IS STARTNEW

- Reason: Informational message to indicate that the end of the output volume was reached while the current volset was being copied, and the SPAN-ONTO-ADDITIONAL-OUTPUT-VOLUMES parameter had STARNEW specified. Reset/recovery will be performed on this volset, and unless it was the very first volset to be copied (in which case it is known it will not fit on a single output volume), the volset will be copied in its entirety to a brand new output volume.
- Action: Look for either message OTUL0383 or OTUL0384 to follow, indicating the status of Starnew processing on this volset.

OTUL0383E SPAN=STARTNEW PROCESSING ON THIS VOLSET FAILED OR CANT BE PERFORMED

- Reason: A volset (or single dataset) being copied reached the end of the output volume and the SPAN-ONTO-ADDITIONAL-OUTPUT-VOLUMES parameter had STARNEW specified. One of the following is true: 1. This volset was the very first volset to be copied, in which case it is known it can't fit on a single output volume, or 2. It was not the first volset to be copied but when Startnew processing attempted to copy it to a new output volume, it reached end of volume. Therefore, this volset can't fit on a single output volume. This volset was not copied. The tapeCopy conversion job will attempt to continue with the next volset.
- Action: The volset must either be written to an output volume with greater capacity or allowed to span onto additional output volumes.

OTUL0384I SPAN=STARTNEW PROCESSING WILL BEGIN ON THE VOLSET THAT JUST FAILED DUE TO HITTING EOVS

- Reason: Informational message to indicate that the current volset being copied when end of volume was reached on the output tape will now be copied in its entirety beginning on a new output volume. This is occurring because the SPAN-ONTO-ADDITIONAL-OUTPUT-VOLUMES parameter had STARNEW specified.
- Action: None needed.

OTUL0385I SQLCODE=cccccc SQLSTATE=sssss MODULE=mmmmmmmm dddddddddd

- Reason: A DB2 error occurred while executing the statement in module mmmmmmmm described by dddddddddd. The SQLCODE and SQLSTATE for the error are provided. Message OTUL0386 may also be displayed to provide further explanation of SQL errors. Messages OTUL0387 through OTUL0392 will be displayed if the error is associated with connecting to or disconnecting from DB2.
- Action: Attempt to determine the problem from any associated messages or by looking up the SQLCODE in the IBM DB2 Codes manual. If the error cannot be resolved, contact OpenTech Technical Support for assistance.

OTUL0386I ttttttttttttttttttt

- Reason: One or more of these messages will follow message OTUL0385E to further describe the DB2 error if the associated DB2 message can be formatted. ttttttttttttttttt is the text of the DB2 message.
- Action: Attempt to determine the problem by looking up the message in the IBM DB2 Messages manual. If the error cannot be resolved, contact OpenTech Technical Support for assistance.

OTUL0387E DB2 CAF CONNECT TO SUBSYSTEM ssss FAILED, REASON CODE X'rrrrrrrr'

- Reason: An attempt to connect to DB2 subsystem ssss failed. The reason code rrrrrrrr is displayed in hexadecimal.
- Action: Attempt to determine the problem from any associated messages or by looking up the reason code in the IBM DB2 Codes manual. If the error cannot be resolved, contact OpenTech Technical Support for assistance.

OTUL0388E DB2 CAF CLOSE ERROR, REASON CODE X'rrrrrrrr'

- Reason: An attempt to close access to DB2 failed. The reason code rrrrrrrr is displayed in hexadecimal.
- Action: Attempt to determine the problem from any associated messages or by looking up the reason code in the IBM DB2 Codes manual. If the error cannot be resolved, contact OpenTech Technical Support for assistance.

OTUL0389E DB2 CAF OPEN ERROR FOR PLAN pppppppp, SSID ssss, REASON CODE X'rrrrrrrr'

- Reason: An attempt to open access to DB2 subsystem ssss through plan pppppppp failed. The reason code rrrrrrrr is displayed in hexadecimal.
- Action: Attempt to determine the problem from any associated messages or by looking up the reason code in the IBM DB2 Codes manual. If the error cannot be resolved, contact OpenTech Technical Support for assistance.

OTUL0390E DB2 SUBSYSTEM ssss IS INCOMPATIBLE WITH LOADED DSNALI MODULE

- Reason: An attempt was made to connect to DB2 subsystem ssss failed because the DB2 subsystem version is incompatible with the available DSNALI module.
- Action: Change the STEPLIB DD to include the DB2 library for the same DB2 version as the subsystem.

OTUL0391E DB2 SUBSYSTEM 'ssss' IS NOT DEFINED ON THIS SYSTEM

- Reason: If a subsystem ID is listed, that subsystem is not defined to the current system. If an indirect ID, such as >OAM is listed, then the DB2 subsystem associated with that software cannot be determined and may not be properly configured.
- Action: If a subsystem ID is listed, run the job on a system where that subsystem is defined. If an indirect ID is listed, ensure that the associated software is properly configured.

OTUL0392E DB2 SUBSYSTEM ssss IS NOT ACTIVE

Reason: The DB2 subsystem ssss is not active on this system.

Action: Start the DB2 subsystem.

OTUL0393I INITIATING DYNAMIC ALLOCATION FOR DDNAME: xxxxxxxx

OTUL0393I DSN: x-----44 characters -----x

OTUL0393I VOLSER: vvvvvv

OTUL0393I UNIT: uuuuuuuu

OTUL0393I DATACLAS: dddddddd

OTUL0393I MGMTCLAS: mmmmmmmm

OTUL0393I STORCLAS: ssssssss

Reason: This message is a series of write-to-operator messages describing the first allocation attributes of the first dataset on a stacked backup tape. This message is issued when copying tape resident critical datasets files to a backup tape.

Action: Action is necessary only if allocation parameters are other than that which is desired. The parameters that affect these allocation attributes begin with DYNAMIC-ALLOCATION-TAPE, and their description can be found in Tape/Copy Parameter Reference Guide.

OTUL0394E VSM I/O ERROR FOR "request" DDNAME=XXXXXXXX, R15=X'00000000', RPLFDBWD=X'aabbccdd'

Reason: A VSAM I/O error has occurred. "Request" describes the VSAM I/O request made by the program (e.g. GET, PUT, OPEN, or CLOSE). R15 is the return code and RPLFDBWD is the feedback word from the VSAM request.

Action: IBM describes the RPLFDBWD field in its Macro Instructions for Data Sets manual in a section entitled "Record Management Return and Reason Codes". The RPLRTNCD portion of RPLFDBWD is designated as "dd" in the message. Refer to this manual in case resolution is described by IBM's manual; otherwise, contact OpenTech Systems' technical support for assistance.

OTUL0395I PROGRAM XXXXXXXX ENDED WITH CONDITION CODE XXXX

Reason: The program identified by xxxxxxxx ended with a condition code of xxxx. This condition code matched the value of parameter WTO-IF-CC-EXCEEDS, and as a result this WTO was issued.

Action: If this message is not desired, change the value of the WTO-IF-CC-EXCEEDS parameter to something greater than the condition code that caused this WTO to be issued. If necessary, contact Technical Support for assistance.

OTUL0396E STEP CONDITION CODE OF XXXX EXCEEDS ABEND-IF-CC-EXCEEDS VALUE OF XXXX. STEP WILL BE ABENDED

- Reason: This condition code matched the value of parameter ABEND-IF-CC-EXCEEDS and as a result this message is issued and the job abended.
- Action: If this abend/message is not desired, change the value of ABEND-IF-CC-EXCEEDS parameter to something greater than the condition code that caused this WTO to be issued. If necessary, contact Technical Support for assistance.

OTUL0397I BUFFERED TAPEMARKS USED

- Reason: This is an informational message to indicate that the Buffered Tapemark feature on the output tape drive is available and being used by Tape/Copy. The Buffered Tapemark feature provides improved performance when multiple datasets are stacked onto an output by both not synchronizing buffered writes whenever a tapemark is written, and by deferring the writing of a second tapemark (to indicate no more datasets on the tape) as each dataset is closed. The USE-BUFFERED-TAPEMARK-FEATURE user parameter determines whether Tape/Copy will use the Buffered Tapemark feature if it is available on the output tape drive.
- Action: None needed.

OTUL0398I LOAD OF DB2 MODULE XXXXXXXX FAILED, RC=xx-xxxxxxx

- Reason: An attempt was made to connect to DB2 but a required DB2 load module could not be loaded.
- Action: IBM describes the return and reason codes in its MVS System Codes manual. The most common return and reason code is 806-0000004, which means the load module was not found in the JOBLIB, STEPLIB, Link List or LPA. To resolve this, add the DB2 load library containing the required module to the STEPLIB DD statement in the JCL and rerun the job.

OTUL0399E UNABLE TO HANDLE ADDITIONAL BACKSPACE REQUEST FROM DSS. JOB MUST TERMINATE

- Reason: When Tape/Copy is being used to pass back DFSMSdss data during a restore operation (because at DFSMSdss dump creation time, Tape/Copy was used to intercept the DFSMSdss blocks, encrypt them and write them to an output tape), DFSMSdss issued two consecutive backspace requests. Tape/Copy can only handle the first backspace request, and therefore it must terminate.
- Action: Contact OpenTech Support for assistance.

OTUL0400E VALUE SPECIFIED FOR CE-VOLUME-EXPIRE-RETENTION PARAMETER IS GREATER THAN CA-1 MAXIMUM

- Reason: The value specified for the parameter CE-VOLUME-EXPIRE-RETENTION PARAMETER exceeds the maximum allowed CA1 value of 2155.

Action: Review and correct the value specified for the parameter CE-VOLUME-EXPIRE-RETENTION PARAMETER and rerun the failing job. If necessary, contact Technical Support for assistance.

OTUL0401E TAPE HAD DATASETS ON IT PAST LAST ONE. TMS WAS AWARE OF, BUT COPY-UNKNOWN PROCESSING REJECTED

Reason: A tape had datasets on it that were past the last one known to the tape management system. Copy-Unknown dataset processing was requested either directly or indirectly, but certain other processing options were in effect that prevented TapeCopy from being able to use Copy-Unknown mode.

Action: Look at the message OTUL0402E to see the option or condition that prevented tapeCopy from being able to go into Copy-Unknown mode.

OTUL0402E COPY-UNKNOWN PROCESSING REJECTED DUE TO: XXXXXXXXXX

Reason: This message follows OTUL0401E and supplies the reason why Copy-Unknown processing mode could not be entered by TapeCopy.

Action: Remove the option or condition shown and re-run the job. If the error cannot be resolved, contact OpenTech Technical Support for assistance.

OTUL0406I A FILE PAST LAST-KNOWN FILE ON THE VOLUME DETECTED: COPY-UNKNOWN MODE ENTERED

Reason: A dataset past the last one known to the tape management system was detected on the volume, Copy-Unknown dataset processing was requested either directly or indirectly, and Copy-Unknown processing mode was entered.

Action: None required, this is an informational message.

OTUL0407I COPY-UNKNOWN PROCESSING HAS JUST ENDED

Reason: A dataset past the last one known to the tape management system was detected on the volume. Copy-Unknown dataset processing was requested either directly or indirectly. Copy-Unknown processing mode was entered, any unknown datasets have been copied and now Copy-Unknown mode has ended.

Action: None required, this is an informational message.

OTUL0408E VOLSER OF TAPE WAS CHANGED DURING OPEN. SEE VOLUMERP FOR DETAILS

Reason: Tape Analyze found that the zOS Label Anomaly processing changed the volume to be analyzed from what the user specified. The analyze operation is terminated.

Action: Take the necessary steps to prevent zOS Label Anomaly processing from changing the input tape. If the error cannot be resolved, contact OpenTech Technical Support for assistance.

**OTUL0409E OTUL2602 FAILING VOLSER: XXXXXX
MM**

Reason: The X's in the above message text are replaced by a volume serial number and the M's are replaced by one of the following text strings and a User 100 Abend.

VOLSER NOT FOUND
BROKE MULTIVOL CHN
DSNB NOT FOUND
SEVERE TMC ERROR
TABLE BUILD ERROR
EMPTY EXTRITBL
OTWRDIR FAILURE
NO VOLSER PASSED

Action: This message is issued to provide OpenTech support personnel information on the reason for the User 100 abend. Please have all job-related input and output available and contact OpenTech Technical Support.

**OTUL0410E STACKING GROUP CONTROL DATASET DD: STACKGDD MAY NOT BE
PREALLOCATED**

Reason: During the execution of a Tape/Copy or VDR program using the Stacking Group functions, it was determined that the Stacking Control Dataset was pre-allocated. This action is not supported and the executing program will be aborted with a User 100 abend.

Action: Remove the //STACKGDD dd statement from the failing job and rerun. If the problem persists, please have all job input and output available and contact OpenTech Technical Support.

**OTUL0411I THE CONTENTS OF THE STACKING GROUPS CONTROL DATASET HAVE BEEN
REFORMATED**

Reason: After some Tape/Copy and/or VDR upgrades, the Stacking Groups Control Dataset may require changes in its structure. When this situation arises, the programs responsible for the stacking groups database will automatically reformat/restructure the Stacking Groups Control Dataset and issue this message.

Action: No action is required, the issuing program will continue its normal execution.



Note The stacking group control dataset name derived by concatenating the <dynamic allocation prefix> and a "." with the word STACKGRP and a ".", and the value of the parameter STACKING-GROUP-NAME.

As a precaution, when prior to reformatting the stacking group control dataset, the name of the original stacking group control dataset is renamed by changing the word STACKGRP to BAKUPGRP. This way, should the reformat fail the original dataset can be reestablished by changing the word BAKUPGRP to STACKGRP in the stacking group control dataset name.

OTUL0412I ERRORS FOUND IN "DSNALLOC" MEMBER IN OTPRMLIB

Reason: The member containing intercepts and overrides for dynamic allocation contained an error.

Action: Review the //ALLOCDSN report, titled "CONTENT OF OT.PARMLIB(DSNALLOC)". Find the entry with error, and then correct the error in the DSNALLOC member.

OTUL0414E IMPROPER CALL TO BINARY TREE LOOKUP ROUTINE

Reason: The binary tree lookup routine encountered invalid calling data.

Action: This error message is associated with an internal error. Please collect the failing job's runtime messages and the program dump, and then provide them for OpenTech Support personnel.

OTUL0415E BINARY TREE LOOKUP ROUTINE FOUND CORRUPTED DATA, TABLE=XXXXXXXX

Reason: The binary tree lookup routine encountered a table with incorrect chaining or record counts.

Action: This error message is associated with an internal error. Please collect the failing job's runtime messages and the program dump, and then provide them for OpenTech Support personnel.

OTUL0416E PRODUCT NOT SUPPORTED ON Z/OS N.NN

Reason: The product has determined that it is executing under a release of z/OS that it does not support.

Action: Contact OpenTech Support for direction on obtaining maintenance to add support for the z/OS system.

OTUL0417E LEN OF RIGHT HAND VALUE OF NEW NAME TABLE ENTRY IS INVALID: XXXXXXXX...XXXXXXXX

Reason: The right-hand value of a new name table entry has an invalid length. When the parameter value of the parameter PERFORM-NEWNAMING: is set to AUTO, the length of the right-hand value of the NEWNAME table entry is limited to a maximum of value, depending on the value specified as follows:

If the right-hand parameter value is XXXXXXXX.XX, then the length can be 11 characters.

If the right-hand parameter value is XXXXXXXX.XX/, then the length can be 12 characters.

If the right-hand parameter value is XXXXXXXX.XX./, then the length can be 13 characters. However, if the trailing './' is removed, then the remaining length can only be 11 characters.

Action: This error message is associated with an invalid new name table value. Be sure to have all job-related input and output and contact OpenTech Technical support for assistance, if required. Otherwise, correct the error and rerun the failing job.

OTUL0418E ONE OR MORE NEWNAME RIGHT HAND VALUE LENGTH ERRORS FOUND, ABORTING.

Reason This message is preceded by one or more occurrences of message OTUL0417E to notify the user that a user 100 abend is about to be issued.

Action: See Action for message OTUL00417E.

5

Rejection Messages

TOPICS COVERED IN THIS CHAPTER

[Rejection Message Format \(page 5-2\)](#)

[Rejection Message Code Descriptions \(page 5-2\)](#)

Introduction

Rejection messages are issued on Tape/Copy rejection reports to indicate why processing for a given dataset has failed or to log dataset processing activity. All of the rejection messages used by Tape/Copy are listed in this chapter beginning on the next page.

Rejection Message Format

The format of all OpenTech's rejection messages is as follows:

Mnnnn

- **M** is a one character product identifier (M = Tape/Copy)
- **nnnn** is a 4-digit message number

Rejection Message Code Descriptions

To locate a message, use the "Find" tool (binocular icon on the tool bar, at the top of the screen). Single-click on the binocular icon, and type in the name of the message you wish to locate.

M0001 RECORD IS NOT A TAPE DATABASE VOLUME RECORD

Reason: The record read from the tape management system database is not a tape volser definition record.

Action: No user action required. This is an informational rejection message.

M0002 RECORD IS AN UNUSED TAPE DATABASE ENTRY

Reason: The record read from the tape management system database is defined within the database but is currently unused for tape volser definition.

Action: No user action required. This is an informational rejection message.

M0003 TAPE IS IN DELETE STATUS

Reason: The tape has been removed from the tape library and a replacement tape has not been put in its place (according to the tape management system database).

Action: No user action required. This is an informational rejection message.

M0004 TAPE IS IN SCRATCH STATUS

Reason: The tape is currently in scratch status and is available for reuse (according to the tape management system database).

Action: The dataset on the tape may still be available for usage and/or recovery if so desired. Otherwise, this is an informational rejection message.

M0005 DATASET IS EXTERNALLY MANAGED

- Reason: The tape management system database indicates the tape dataset is under the retention management of another system and may not be accepted for further processing.
- Action: No user action required. Tape/Copy should not be used to copy EDM datasets.

M0006 DATASET IS NOT SPECIFICALLY INCLUDED BY DATASET NAME

- Reason: The tape dataset name does not match a specific dataset name or generic dataset name mask in the dataset name inclusion list and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the dataset name inclusion list needs to be modified to allow this database to be selected. (The default inclusion list is INCLDSNS in the Tape/Copy PARMLIB.) Otherwise, this is an informational rejection message.

M0007 DATASET IS SPECIFICALLY EXCLUDED BY DATASET NAME

- Reason: The tape dataset name matches a specific dataset name or generic dataset name mask in the dataset name exclusion list and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the dataset name exclusion list needs to be modified to allow this dataset to be selected. (The default exclusion list is EXCLDSNS in the Tape/Copy PARMLIB.) Otherwise, this is an informational rejection message.

M0008 DATASET IS NOT SPECIFICALLY INCLUDED BY VOLSER

- Reason: The tape dataset volume serial number does not match a specific tape volume serial number or a generic tape volume serial number mask in the tape volume serial number inclusion list and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the tape volume serial number inclusion list needs to be modified to allow this dataset to be selected. (The default inclusion list is INCLVOLS in the Tape/Copy PARMLIB.) Otherwise, this is an informational rejection message.

M0009 DATASET IS SPECIFICALLY EXCLUDED BY VOLSER

- Reason: The tape volume serial number matches a specific tape volume serial number or generic tape volume serial number mask in the tape volume serial number exclusion list and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the tape volume serial number exclusion list needs to be modified to allow this dataset to be selected. (The default exclusion list is EXCLVOLS in the Tape/Copy PARMLIB.) Otherwise, this is an informational rejection message.

MO010 DATASET IS NOT SPECIFICALLY INCLUDED BY TAPE VENDOR

- Reason: The tape media manufacturer does not match a specific tape media manufacturer or a generic tape media manufacturer mask in the tape media manufacturer inclusion list and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the tape media manufacturer inclusion list needs to be modified to allow this dataset to be selected. (The default inclusion list is INCLVNDR in the Tape/Copy PARMLIB.) Otherwise, this is an informational rejection message.

MO011 DATASET IS SPECIFICALLY EXCLUDED BY TAPE VENDOR

- Reason: The tape media manufacturer matches a specific tape media manufacturer or generic tape media manufacturer mask in the tape media manufacturer exclusion list and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the tape media manufacturer exclusion list needs to be modified to allow this dataset to be selected. (The default exclusion list is EXCLVNDR in the Tape/Copy PARMLIB.) Otherwise, this is an informational rejection message.

MO012 GDG DATASETS ARE NOT SELECTED

- Reason: The tape dataset is a generation data group dataset and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the DATASET-NAME-TYPE parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO013 NON-GDG DATASETS ARE NOT SELECTED

- Reason: The tape dataset is not a generation data group dataset and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the DATASET-NAME-TYPE parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO014 18-TRACK DATASET WAS CREATED AFTER THE 3490E INSTALLATION DATE

- Reason: Since this dataset was specifically created in an 18-track format after the installation of the 3490E 36-track tape drives were installed at the user's location, this dataset will not be selected for further processing to be converted to 36-track format.
- Action: If this dataset is meant to be selected for processing, the 3490E-INSTALLATION-DATE parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO015 DATASET SIZE < MINIMUM REQUESTED SIZE: CRITERIA-aaaa DSN: bbbb

- Reason: The size of the tape dataset falls below the minimum requested file size. aaaa is the criteria the user specified. bbbb is the actual dataset size.
- Action: If this dataset is meant to be selected for processing, the MINIMUM-DATASET-SIZE parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO016 DATASET SIZE > MAXIMUM REQUESTED SIZE: CRITERIA-aaaa DSN: bbbb

- Reason: The size of the tape dataset is larger than the maximum requested file size. aaaa is the criteria the user specified. bbbb is the actual dataset size.
- Action: If this dataset is meant to be selected for processing, the MAXIMUM-DATASET-SIZE parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO017 DATASET IS NOT IDLE LONG ENOUGH: CRITERIA-aaaa DSN-bbbb

- Reason: The tape dataset has not been unused long enough to warrant selection. aaaa is the criteria the user specified. bbbb is the actual number of days the dataset has been idle.
- Action: If this dataset is meant to be selected for processing, the DAYS-IDLE parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO018 DSN EXPIRES BEFORE MIN DAYS TIL EXPIRATION: CRIT- aaaaaaaa DSN-bbbbbbbb

- Reason: The tape dataset reset value will hold the original tape dataset longer than if the tape dataset was not converted. aaaaaaaa is the expiration criteria the user specified. bbbbbbbb is the actual expiration information of the dataset.
- Action: If this dataset is meant to be selected for processing, either the MINIMUM-DAYS-UNTIL-EXPIRATION or the MOVED-DATASET-RETENTION-PERIOD parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO019 DSN EXPIRES AFTER MAX DAYS UNTIL EXPIRATION: CRIT-aaaaaaa DSN-bbbbbbbb

- Reason: The tape dataset will expire after the maximum date cutoff is reached. aaaaaaaa is the expiration criteria the user specified. bbbbbbbb is the actual expiration information of the dataset.
- Action: If this dataset is meant to be selected for processing, either the MAXIMUM-DAYS-UNTIL-EXPIRATION or the MOVED-DATASET-RETENTION-PERIOD parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO020 INPUT REEL MEDIA IS NOT SELECTED

- Reason: The tape dataset resides on a 9-track reel and 9-track reels are not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the INPUT-MEDIA-TYPE parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO021 INPUT 18-TRACK CARTRIDGE MEDIA IS NOT SELECTED

- Reason: The tape dataset resides on an 18-track cartridge and 18-track cartridges are not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the INPUT-MEDIA-TYPE parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO022 INPUT 36-TRACK CARTRIDGE MEDIA IS NOT SELECTED

- Reason: The tape dataset resides on a 36-track cartridge and 36-track cartridges are not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the INPUT-MEDIA-TYPE parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO023 REEL DATASET IS IN UNCOMPRESSED FORMAT

- Reason: The tape dataset resides on a 9-track reel in an uncompressed format and this format of data is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the INPUT-MEDIA-TYPE and/or the INPUT-COMPRESSION-FORMAT parameters need to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO024 18-TRACK CARTRIDGE DATASET IS IN UNCOMPRESSED FORMAT

- Reason: The tape dataset resides on an 18-track cartridge in an uncompressed format and this format of data is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the INPUT-MEDIA-TYPE and/or the INPUT-COMPRESSION-FORMAT parameters need to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO025 36-TRACK CARTRIDGE DATASET IS IN UNCOMPRESSED FORMAT

- Reason: The tape dataset resides on a 36-track cartridge in an uncompressed format and this format of data is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the INPUT-MEDIA-TYPE and/or the INPUT-COMPRESSION-FORMAT parameters need to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO026 18-TRACK CARTRIDGE DATASET IS IN COMPRESSED FORMAT

- Reason: The tape dataset resides on an 18-track cartridge in a compressed format and this format of data is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the INPUT-MEDIA-TYPE and/or the INPUT-COMPRESSION-FORMAT parameters need to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO027 36-TRACK CARTRIDGE DATASET IS IN COMPRESSED FORMAT

- Reason: The tape dataset resides on a 36-track cartridge in a compressed format and this format of data is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the INPUT-MEDIA-TYPE and/or the INPUT-COMPRESSION-FORMAT parameters need to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO028 REEL MEDIA DATASETS CANNOT BE COMPRESSED

- Reason: The output dataset requirements are for 9-track reels in a compressed format and 9-track reel compression is an invalid output format combination.
- Action: 9-track reel output may only be written in an uncompressed format. Correct the OUTPUT-MEDIA-TYPE and the OUTPUT-COMPRESSION-FORMAT parameters to select a valid output format combination and resubmit the job.

MO029 18-TRACK MEDIA WOULD NOT CHANGE FORMAT

- Reason: Moving this tape dataset would not benefit from any technology improvements.
- Action: If this dataset is meant to be selected for processing, the RANGEMOVE parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO030 36-TRACK MEDIA WOULD NOT CHANGE FORMAT

- Reason: Moving this tape dataset would not benefit from any technology improvements.
- Action: If this dataset is meant to be selected for processing, the RANGEMOVE parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO031 DATASET IS NOT SPECIFICALLY INCLUDED BY OUT-OF-AREA CODE

- Reason: The outcode of the dataset does not match a specific outcode or generic outcode mask in the out-of-area inclusion list and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the out-of-area inclusion list needs to be modified to allow this dataset to be selected. (The default inclusion list is INCLOUTC in the Tape/Copy PARMLIB.) Otherwise, this is an informational rejection message.

MO032 DATASET IS SPECIFICALLY EXCLUDED BY OUT-OF-AREA CODE

- Reason: The outcode matches a specific outcode or generic outcode mask in the out-of-area exclusion list and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the out-of-area exclusion list needs to be modified to allow this dataset to be selected. (The default exclusion list is EXCLOUTC in the Tape/Copy PARMLIB.) Otherwise, this is an informational rejection message.

MO033 TAPE HAS STACKED DATASETS

- Reason: The tape volume contains stacked datasets according to the tape management system database.
- Action: If this dataset is meant to be selected for processing, the PROCESS-STACKED-FILES parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO034 TAPE DOES NOT HAVE STACKED DATASETS

- Reason: The tape volume does not contain stacked datasets according to the tape management system database.
- Action: If this dataset is meant to be selected for processing, the PROCESS-STACKED-FILES parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO035 DATASET LOGICAL RECORD LENGTH (LRECL) EXCEEDS 32,760 BYTES

- Reason: The QSAM data I/O routines cannot support a dataset logical record length greater than 32,760 bytes unless using the Tape/Copy INTERNAL/EXCP conversion engine.
- Action: This dataset is currently unmovable, with the selected conversion engine, and will be dropped from any further processing. The user should also verify the setup of the PROPRIET table to ensure the correct conversion engine to being selected to process the rejected dataset.

MO036 DATASET VOLSER DOES NOT RESIDE WITHIN THE SOURCE VOLSER RANGE

- Reason: The tape dataset volume serial number does not reside within the user selected source tape volume serial number selection range.
- Action: If this dataset is meant to be selected for processing, the INPUT-TAPE-STARTING-VOLSER or the INPUT-TAPE-ENDING-VOLSER parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO037 UNDEFINED RECORD FORMAT (RECFM=U) IS SPECIFICALLY EXCLUDED

- Reason: The data on the tape is in an undefined record format and is not selected for further processing.
- Action: No user action required. This dataset is currently unmovable by Tape/Copy and no further processing will be allowed.

MO038 TAPE VOLSER IS NOT FOUND IN THE TAPE MANAGEMENT DATABASE

Reason: The tape volume serial number is not recorded in the tape management system database.

Action: Verify the tape volume serial number is correct and if it is, investigate why the tape management system database cannot find it.

MO039 CATALOGED TAPE DATASET IS EXPLICITLY EXCLUDED

Reason: Tape/Copy is only selecting uncataloged datasets and this tape dataset is cataloged.

Action: If this dataset is meant to be selected for processing, the PROCESS-UNCATALOGED-DATASETS parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO040 UNCATALOGED TAPE DATASET IS EXPLICITLY EXCLUDED

Reason: Tape/Copy is only selecting cataloged datasets and this tape dataset is uncataloged.

Action: If this dataset is meant to be selected for processing, the PROCESS-UNCATALOGED-DATASETS parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational message.

MO041 DATASET IS NOT CATALOGED TO CURRENT TAPE VOLSER

Reason: The dataset is cataloged but not to the tape volume serial number associated with the input dataset.

Action: If this version of the dataset is meant to be selected for processing, the PROCESS-UNCATALOGED-DATASETS parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO042 MULTI-VOLUME TAPE DATASET IS EXPLICITLY EXCLUDED

Reason: This dataset is multi-volume according to the tape management system database and multi-volume datasets are being explicitly excluded by this run of Tape/Copy.

Action: If this dataset is meant to be selected for processing, the PROCESS-MULTI-VOLUME-DATASETS parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO043 SINGLE VOLUME TAPE DATASET IS EXPLICITLY EXCLUDED

Reason: This dataset is a single volume according to the tape management system database and single volume datasets are being explicitly excluded by this run of Tape/Copy.

Action: If this dataset is meant to be selected for processing, the PROCESS-MULTI-VOLUME-DATASETS parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational message.

MO044 TAPE DATASET IS OUTSIDE THE ATL; SELECTION IS ATL INTERNAL

- Reason: The tape dataset does not currently reside within an automated tape library and Tape/Copy is set to select only ATL resident tapes or an input media that is defined as Virtual/Robotic.
- Action: If this dataset is meant to be selected for processing, the INPUT-MEDIA-TYPE or MOVE-FROM-ATL parameter needs to be modified to allow this dataset to be selected. If the user has verified that this tape dataset is inside the ATL but it is still not being selected, please verify that the ROBOTIC-TAPE-ENVIRONMENT-PRESENT parameter is set to YES in the USERSETS member. Otherwise, this is an informational rejection message.

MO045 TAPE DATASET IS INSIDE THE ATL; SELECTION IS ATL EXTERNAL

- Reason: The tape dataset currently resides within an automated tape library and Tape/Copy is set to select only tapes that are not ATL resident.
- Action: If this dataset is meant to be selected for processing, the MOVE-FROM-ATL parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO046 NEWNAME PROCESSING NOT ALLOWED WHEN USING FDRTCOPY

- Reason: The PROPRIET member of the Tape/Copy PARMLIB has identified this file as FDR data and the PERFORM-NEWNAME-PROCESSING parameter has been set to a value other than NO. FDRTCOPY will not allow Tape/Copy to newname the dataset.
- Action: If the file is a FDR/DSF file and a newname is desired, use the Tape/Copy EXCP copy engine instead of FDRTCOPY to perform the copy.

MO047 DATASET LOGICAL RECORD LENGTH (LRECL) CONTAINS BINARY ZEROS

- Reason: The logical record length of the tape dataset is zero bytes. This length may be the result of a tape dataset allocated but never opened for output by the creating job.
- Action: This tape dataset cannot be converted by Tape/Copy. Correct the logical record length in the tape management system database and resubmit the Tape/Copy conversion job.

MO048 DATASET PHYSICAL RECORD LENGTH (BLKSIZE) CONTAINS BINARY ZEROS

- Reason: The physical record length of the tape dataset is zero bytes. This length may be the result of a tape dataset allocated but never opened for output by the creating job.
- Action: This tape dataset cannot be converted by Tape/Copy. Correct the physical record length in the tape management system database and resubmit the Tape/Copy conversion job.

MO049 LOGICAL REC LENGTH (LRECL) NOT EQUAL TO PHYSICAL REC LENGTH (BLKSIZE)

- Reason: For a fixed record length unblocked tape dataset, the logical record length does not equal the physical block length.
- Action: This tape dataset cannot be converted by Tape/Copy. Correct the physical record length and/or the logical record length in the tape management system database and resubmit the Tape/Copy conversion job.

MO050 PHYSICAL RECORD LENGTH NOT AN EVEN MULTIPLE OF LOGICAL RECORD LENGTH

- Reason: For a fixed record length blocked tape dataset, the physical block length is not an even multiple of the logical record length.
- Action: This tape dataset cannot be converted by Tape/Copy. Correct the physical record length and/or the logical record length in the tape management system database and resubmit the Tape/Copy conversion job.

MO051 VARIABLE PHYSICAL REC LENGTH NOT 4 OR GREATER THAN LOGICAL REC LENGTH

- Reason: For a variable record length blocked tape dataset, the physical block length is not at least 4 bytes larger than the logical record length.
- Action: This tape dataset cannot be converted by Tape/Copy. Correct the physical record length and/or the logical record length in the tape management system database and resubmit the Tape/Copy conversion job.

MO052 VARIABLE LOGICAL RECORD LENGTH (LRECL) EXCEEDS 32,756 BYTES

- Reason: The variable logical record length of the tape dataset is greater than 32,756 bytes. Since dynamic allocation will not support a block size greater than 32,760 bytes and the block size must be at least 4 bytes greater than the logical record length, a variable logical record length of 32,756 bytes is insupportable.
- Action: This tape dataset cannot be converted by Tape/Copy. Correct the physical record length and/or the logical record length in the tape management system database and resubmit the Tape/Copy conversion job.

MO053 SPANNED LOGICAL RECORD LENGTH = 32,760 WITH AN UNDEFINED BLOCK SIZE

- Reason: The tape dataset has a spanned logical record length and physical block length both equal to 32,760 bytes and an undefined record format.
- Action: This tape dataset cannot be converted by Tape/Copy. Correct the physical record length and/or the logical record length in the tape management system database and resubmit the Tape/Copy conversion job.

MO054 DATASET DOES NOT HAVE A SPECIFICALLY INCLUDED ACCOUNT NUMBER

- Reason: The tape dataset account number does not match a specific account number or a generic account number mask in the account number inclusion list and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the account number inclusion list needs to be modified to allow this dataset to be selected. (The default inclusion list is INCLACT# in the Tape/Copy PARMLIB.) Otherwise, this is an informational rejection message.

MO055 DATASET HAS A SPECIFICALLY EXCLUDED ACCOUNT NUMBER

- Reason: The tape dataset account number matches a specific account number or a generic account number mask in the account number exclusion list and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the account number exclusion list needs to be modified to allow this dataset to be selected. (The default exclusion list is EXCLACT# in the Tape/Copy PARMLIB.) Otherwise, this is an informational rejection message.

MO056 DATASET DOES NOT HAVE A SPECIFICALLY INCLUDED CATALOG DEVTYPE

- Reason: The tape dataset catalog entry UCB device type does not match a specific catalog entry UCB device type or a generic catalog entry UCB device type mask in the catalog entry UCB device type inclusion list and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the catalog entry UCB device type inclusion list needs to be modified to allow this dataset to be selected. (The default inclusion list is INCLDTYP in the Tape/Copy PARMLIB.) Otherwise, this is an informational rejection message.

MO057 DATASET HAS A SPECIFICALLY EXCLUDED CATALOG DEVTYPE

- Reason: The tape dataset catalog entry UCB device type matches a specific catalog entry UCB device type or generic catalog entry UCB device type mask in the catalog entry UCB device type exclusion list and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the catalog entry UCB device type exclusion list needs to be modified to allow this dataset to be selected. (The default exclusion list is EXCLDTYP in the Tape/Copy PARMLIB.) Otherwise, this is an informational rejection message.

MO058 DATASET DOES NOT HAVE A SPECIFICALLY INCLUDED LABEL TYPE

- Reason: The tape dataset label type does not match a specific tape label type or a generic tape label type mask in the tape label type inclusion list and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the tape label type inclusion list needs to be modified to allow this dataset to be selected. (The default inclusion list is INCLTLBL in the Tape/Copy PARMLIB.) Otherwise, this is an informational rejection message.

MO059 DATASET HAS A SPECIFICALLY EXCLUDED LABEL TYPE

- Reason: The tape dataset label type matches a specific tape label type or a generic tape label type mask in the tape label type exclusion list and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the tape label type exclusion list needs to be modified to allow this dataset to be selected. (The default exclusion list is EXCLTLBL in the Tape/Copy PARMLIB.) Otherwise, this is an informational rejection message.

MO060 STACKING SELECTED, BUT STACK CONTROL FILE NOT SPECIFIED

- Reason: The user has requested a STACK / MOVE operation but has not provided a Stack Management Control dataset prefix (CNV-JOB-STACK-CNTL-FILE-PREFIX: NONE).
- Action: Update the CNV-JOB-STACK-CNTL-FILE-PREFIX parameter with a prefix, or set the ALLOW-STACKING-WITHOUT-STACK-CNTL-FILE parameter to YES.

MO061 ONLY EXCP MAY BE USED FOR VDR PROCESSING

- Reason: The user has requested a VDR operation, but the copy engine selected was not INTERNAL.
- Action: Verify the setting in the PROPRIET table in the Tape/Copy PARMLIB, the setting of the STANDARD-DATA-CONVERSION-ENGINE parameter and recreate the conversion job so that a supported copy engine is used.

MO062 CANNOT STACK CA-VIEW DATASETS

- Reason: CA-View datasets should not be stacked.
- Action: CA-View datasets should be excluded from stacking jobs, either by modify the CA-View entries in the PROPRIET table or excluding them with an exclusion by creating program name list.

MO063 VOLSET SIZE < MINIMUM REQUESTED SIZE CRITERIA=aaaaa SET=bbb,bbb,bbbK

- Reason: The cumulative size of the files on the tape volume set falls below the minimum requested volume set size. aaaaa is the criteria the user specified. bbb,bbb,bbbK is the actual size of the files on the tape volume set. Note that when using STACKED-FILE-QUALIFICATION: EACH only the files that were not excluded by other selection logic were used for the accumulation of the volume set size.
- Action: If this volume set is meant to be selected for processing, the MINIMUM-DATASET-SIZE parameter needs to be modified to allow this volume set to be selected. Otherwise, this an information rejection message.

MO064 VOLSET SIZE > MAXIMUM REQUESTED SIZE CRITERIA=aaaaa SET=bbb,bbb,bbbK

- Reason: The cumulative size of the files on the tape volume set is larger than the maximum requested volume set size. aaaaa is the criteria the user specified. bbb,bbb,bbbK is the actual size of the files on the tape volume set. Note that when using STACKED-FILE-QUALIFICATION: EACH only the files that were not excluded by other selection logic were used for the accumulation of the volume set size.
- Action: If this volume set is meant to be selected for processing, the MAXIMUM-DATASET-SIZE parameter needs to be modified to allow this volume set to be selected. Otherwise, this an information rejection message.

MO065 VDR DUPLEX OF OTHER HSM VOLUME CANNOT BE USED FOR COPYRCVY

- Reason: Either the DFSMSHSM-ATLVOL-RECOVERY-FROM-PRIMVOL-DUPLEX or DFSMSHSM-PRIMVOL-RECOVERY-FROM-ATLVOL-DUPLEX parameters are in use and caused a VDR duplex copy of the HSM primary, or an alternate volume to be assigned to the corresponding alternate or primary volume. Subsequently that reassigned VDR duplex file was selected for COPYRCVY processing which is not supported. The DFSMSHSM-ATLVOL-RECOVERY-FROM-PRIMVOL-DUPLEX or DFSMSHSM-PRIMVOL-RECOVERY-FROM-ATLVOL-DUPLEX parameters can only be used with In-place recovery.
- Action: The most likely cause of this problem is that the VDR tapes contain multiple datasets and therefore can not be used for In-place recovery of HSM files. Either recreate the VDR tapes using OUTPUT-FILE-FORMAT: ASIS so that each HSM volume will be on it's own VDR volume, or use Tape/Copy to UNSTACK the VDR volume, making the VDR copies of the HSM files eligible for In-place recovery.

MO066 DATASET LOGICAL RECORD LENGTH (LRECL) EXCEEDS 65,535 BYTES

- Reason: The z/OS OPEN does not support LRECL values larger than 65,535.
- Action: This dataset cannot be processed and will be dropped from any further processing.

MO067 DATASET PHYSICAL RECORD LENGTH (BLKSIZE) EXCEEDS 32,760 BYTES

- Reason: The QSAM data I/O routines cannot support a dataset physical block length greater than 32,760 bytes.
- Action: No user action required. This dataset is currently unmovable by the Tape/Copy system and will be dropped from any further processing.

MO068 INPUT DATASET NAME CHANGED BEFORE THE CONVERSION JOB RAN

- Reason: The dataset on the tape to be converted has been overwritten by another tape dataset before Tape/Copy could convert the original tape dataset.
- Action: No user action required. The original tape dataset no longer exists and therefore cannot be processed.

MO071 INPUT VOLSET EXPIRES BEFORE MIN DAYS UNTIL EXPIRATION

- Reason: All of the files of the input volume set will expire prior to the MINIMUM-DAYS-UNTIL-EXPIRATION value, excluding them from
- Action: If this dataset is meant to be selected for processing, either the MINIMUM-DAYS-UNTIL-EXPIRATION parameter should be modified to a value lower than the EXPDT or the FORCE-EXPIRING-DATASET-CONVERSION parameter should be set to YES. Otherwise, this is an informational message only.

MO072 UNABLE TO UNCATALOG THE INPUT TAPE DATASET

- Reason: The attempt to uncatalog the input tape dataset failed. Rejection message M0193 accompanies this message with additional diagnostic information.
- Action: No user action required. Tape/Copy conversion processing is bypassed for this dataset.

MO073 UNABLE TO OPEN THE OUTPUT TAPE DATASET

- Reason: The attempt to open the output tape dataset failed. Rejection message M0089 accompanies this message with additional diagnostic information.
- Action: No user action is required. Tape/Copy conversion processing is bypassed for this dataset.

MO074 BYPASSED BY RESTART MANAGER

- Reason: A Tape/Copy conversion job was resubmitted after the first instance of the job was interrupted (by ABEND or cancellation). The dataset and VOLSET associated with this message are bypassed because Tape/Copy's Restart Manager has not encountered its restart point.
- Action: Generally, no action is necessary assuming the job begins copying datasets sometime during the conversion program's execution. However, if all datasets are rejected with the M074 rejection code, verify that the control cards under the //INFILE DD are exactly the same as those from the original execution of the conversion job.
- If you need technical assistance, contact OpenTech Systems' Technical Support. Prior to contacting technical support, obtain a \$RESTART report from the Restart Manager's Maintenance Utility (RESTARTU in JCLLIB) using PARM=SIM. Have the JOBLOG and reject reports from the original and resubmitted jobs available.

MO075 UNABLE TO ALLOCATE THE INPUT TAPE DATASET

- Reason: The attempt to dynamically allocate the input tape dataset failed. Rejection message M0159 accompanies this message with additional diagnostic information.
- Action: No user action is required. Tape/Copy conversion processing is bypassed for this dataset.

MO076 UNABLE TO OPEN THE INPUT TAPE DATASET

- Reason: The attempt to open the input tape dataset failed. Rejection message M0089 accompanies this message with additional diagnostic information.
- Action: No user action is required. Tape/Copy conversion processing is bypassed for this dataset.

MO077 RESOURCE IS NOT AUTHORIZED FOR INPUT PROCESSING

- Reason: The program is attempting to process a tape volume for INPUT processing that is not in the list of authorized resources, as defined by the Authorization Key in the AUTHCODE PARMLIB member.
- Action: No user action required. Tape/Copy will bypass the processing for this dataset.

MO078 RESOURCE IS NOT AUTHORIZED FOR OUTPUT PROCESSING

- Reason: The program is attempting to process a tape volume for OUTPUT processing that is not in the list of authorized resources, as defined by the Authorization Key in the AUTHCODE PARMLIB member.
- Action: No user action required. Tape/Copy will bypass the processing for this dataset.

MO079 UNABLE TO CLOSE THE OUTPUT TAPE DATASET

- Reason: The attempt to close the output tape dataset failed. Rejection message M0089 accompanies this message with additional diagnostic information.
- Action: No user action is required. Tape/Copy conversion processing is bypassed for this dataset.

MO081 UNABLE TO CLOSE THE INPUT TAPE DATASET

- Reason: The attempt to close the input tape dataset failed. Rejection message M0089 accompanies this message with additional diagnostic information.
- Action: No user action is required. Tape/Copy conversion processing is bypassed for this dataset.

MO082 UNABLE TO FREEPOOL THE OUTPUT TAPE DATASET

- Reason: The attempt to freepool the output tape dataset failed.
- Action: No user action is required. Tape/Copy conversion processing is bypassed for this dataset.

MO083 DUPLICATE COPY ON DEMAND REQUEST

- Reason: While Copy-on-Demand was processing the VOLSER and File Seq values from the INFILE1 DD, it found a duplicate entry.
- Action: No user action is required. The redundant entry has been dropped but the original entry will be processed.

MO084 DATASET IS NOT CATALOGED

Reason: A dataset name specified in the Copy on Demand input stream (DD name CODINPUT) was not found in the ICF catalog.

Action: To process uncataloged files, the volser (and file sequence, for EXTRACT processing) must be specified.

MO085 UNABLE TO FREEPOOL THE INPUT TAPE DATASET

Reason: The attempt to freepool the input tape dataset failed.

Action: No user action is required. Tape/Copy conversion processing is bypassed for this dataset.

MO086 UNABLE TO CATALOG THE OUTPUT TAPE DATASET

Reason: The attempt to catalog the output tape dataset failed.

Action: No user action is required. Tape/Copy conversion processing is bypassed for this dataset.

MO087 UNABLE TO UPDATE THE TAPE MANAGEMENT DATABASE

Reason: The attempt to update the tape management system failed.

Action: No user action is required. Tape/Copy conversion processing is bypassed for this dataset.

MO088 DFSMSHSM ARCHSEND COMMAND FAILURE

Reason: The attempt to execute an HSM command via the ARCHSEND API received a bad return code.

Action: Search for WTO message OT000009I in the job log and follow the instructions for that message to resolve the problem.

MO089 RETURN CODE(R15) X'00000000' REASON CODE(RO) X'00000000'

Reason: This message is written in conjunction with several rejection message.

Action: Review the explanation of the accompanying rejection message(s) for user action information.

MO090 SUCCESSFULLY RECOVERED CATALOGED INPUT TAPE DATASET

Reason: Tape/Copy dataset recovery completed successfully.

Action: No user action is required. This is an informational message.

MO091 DEFINED RECORD FORMAT (RECFM NOT=U) IS SPECIFICALLY EXCLUDED

Reason: Undefined record format datasets have been explicitly excluded from the Candidate Selection process by user selection criteria.

Action: Tape/Copy does not process undefined record format datasets. This is an informational message only.

MO092 DATASET SPECIFICALLY EXCLUDED BY VOLSER BEING USED BY ANOTHER JOB

- Reason: The volsers requested was not available to Tape/Copy because it was being used by another job. Tape/Copy skips this dataset (and the volset the dataset is on if it is stacked) and continues copying beginning with the next dataset.
- Action: This is an information message. A parameter called MINUTES-TO-WAIT-FOR-VOLSERS-TO-FREE-UP is available and can be set to extend the wait time that the product will wait before skipping this volume/volset and continuing on in the conversion process. This parameter is set to 0 by default but can be increased so that future conversion jobs will wait if the input volsers is in use by another job.

MO093 END OF VOLUME ON OUTPUT TAPE REACHED AND NO SPAN OPTION IN EFFECT

- Reason: The end of the output tape has been reached, there are more input datasets to process in the current conversion job but the SPAN-ONTO-ADDITIONAL-OUTPUT-VOLUMES parameter value is set to NO indicating that the user does not wish to overflow onto an additional output tape (does not want to create a multivolume output). The conversion job will end.
- Action: The conversion job will end and the input tape will be "reset". The user can set the SPAN-ONTO-ADDITIONAL-OUTPUT-VOLUMES parameter value to YES to prevent this error, however, multivolume output tapes will then be allowed to be created. If the user intentionally set SPAN-ONTO-ADDITIONAL-OUTPUT-VOLUMES to NO, then this is an information message only.

MO094 DATASET IS SPECIFICALLY EXCLUDED BY VOLSER

- Reason: During the TMC dump processing, Tape/Copy detected that the tape volume identified by the volsers printed was in use. Tape/Copy will not process the volume or and other volsers associated with the volume set.
- Action: If the volume identified is required to be processed, rerun the candidate selection job when the volume is no longer in use.

MO095 DATASET EXCLUDED, MISMATCH CNVCTLR/EXTRITBL CNTS

- Reason: During the Tape/Copy conversion processing, OTTC0003 or OTTC0009, the conversion engine detected that the number of VOLSERS identified by conversion control records for the volset did not match the number of volsers that the TMC indicated existed for the volset.
- Action: If the volume identified is required to be processed, rerun the candidate selection and/or VDR Recovery job to reselect the candidates to be processed. If the problem persists contact Technical Support for assistance.

MO096 DATASET EXCLUDED, MISMATCH CNVCTLR/EXTRITBL DSNS

- Reason: During the Tape/Copy conversion processing, OTTC0003 or OTTC0009, the conversion engine detected that the dataset names identified by conversion control records for the volset did not match the dataset names that the TMC indicated existed for the volset.
- Action: If the volume identified is required to be processed, rerun the candidate selection and/or VDR Recovery job to reselect the candidates to be processed. If the problem persists contact Technical Support for assistance.

MO097 DATASET EXCLUDED, MISMATCH CNVCTLR/EXTRITBL FSEQS

- Reason: During the Tape/Copy conversion processing, OTTC0003 or OTTC0009, the conversion engine detected that the file sequence numbers identified by conversion control records for the volset did not match the file sequence numbers that the TMC indicated existed for the volset.
- Action: If the volume identified is required to be processed, rerun the candidate selection and/or VDR Recovery job to reselect the candidates to be processed. If the problem persists contact Technical Support for assistance.

MO098 FEOV OPTION SPECIFIED BUT OUTPUT TAPE REACHED EOVS BEFORE INPUT

- Reason: FORCE-EOV-ON-OUTPUT was specified but the output tape reached EOF before the input tape did. Since the FORCE-EOV-ON-OUTPUT option is used to create output tapes with the same amount of data as the input tape, we must terminate the copy operation with an error when this condition occurs.
- Action: Contact Technical Support for assistance or change the value of FORCE-EOV-ON-OUTPUT.

MO099 OUTPUT BLKSIZE TO BE USED IS INVALID

- Reason: The blksize chosen to be used for the output dataset is either zero, greater than the maximum blksize allowed on that device, or less than 1/13th of the blksize of the input dataset. The copy operation for that dataset is aborted.
- Action: Contact Technical Support for assistance.

MO100 OUTPUT LRECL > DESIRED BLKSIZE TO BE USED WITH REBLOCKING

- Reason: The input file is to be reblocked when it is written to the output file but the dataset's LRECL is greater than the new desired output blksize. The dataset will be copied with the input blocksize, if possible, or the copy operation for that dataset is aborted.
- Action: Review the reblocking parameters and rules, or contact Technical Support for assistance.

M0101 MISSING OR OUT-OF-ORDER INPUT VOLUME DETECTED

- Reason: During a copy operation Tape/Copy has detected that the tape volume just read was not the correct next volume of the dataset it was copying; either a volume was skipped or mounted out of order. Tape/Copy reads the volume sequence number from the tape's trailer label and checks to see if it matches the actual volume count. If it does not this message is issued and the copy operation for that input dataset is terminated. Since Tape/Copy uses the Tape Management Catalog to get the volsers of the input tape (and the order of them), this condition usually indicates a problem in the TMC record for that dataset - it does not match the actual dataset.
- Action: Change ALLOW-MISSING-INPUT-DATASET-VOLUME parameter to YES to bypass the check for this condition, or correct the cause of the condition.

M0109 DATASET IS THE RESULT OF RECOVERY PROCESSING

- Reason: The dataset and volser displayed are the result of a VDR Recovery request that has completed. The dataset name and volser listed are the "new original" dataset names and volser names for corresponding "old original" dataset names and volsers listed in the corresponding M0111 rejection messages.
- Action: No user action is required. This is an informational message.

M0110 DUALCOPY PREVIOUSLY SELECTED FOR RECOVERY PROCESSING

- Reason: The dataset name and volser displayed in this message are the VDR Recovery Dual Copy Backup values, and were selected for recovery processing in a previous execution of the VDR Recovery program, OTTC0023, and will not be selected for recovery processing again. This message is normally paired with a M0111 rejection message for INPLACE and COPY RECOVERY VDR processing and will be paired with a M0109 rejection message for COPY RECOVERY requests only.
- Action: Review the setting of the RESELECT-VDR-RECOVERED-FILES parameter to determine if this dataset can be reselected. If the dataset cannot or should not be reselected, no user action is required.

M0111 RECOVERY REQUEST FOR DATASET IGNORED DUE TO PREVIOUS REQUEST

- Reason: The dataset and volser displayed have been rejected because there has already been a recovery request issued for that dataset/volser.
- Action: Review the setting of the RESELECT-VDR-RECOVERED-FILES parameter to determine if this dataset can be reselected. If the dataset cannot or should not be reselected, no user action is required.

M0151 EXPIRED TAPE IS CATALOGED

- Reason: A converted tape that is pending scratch by TLMS has become cataloged and probably should not be scratched.
- Action: Tape/Copy will not allow TLMS to scratch this tape as long as the tape is cataloged. Please contact Technical Support for assistance.

MO152 EXPIRED TAPE IS FLAGGED FOR SCRATCH

- Reason: A converted tape has aged the number of days specified in the MOVED-DATASET-RETENTION-PERIOD parameter to be scratched by the next TLMS retention run.
- Action: No user action is required. Tape/Copy conversion processing is bypassed for this dataset.

MO153 EXPIRED TAPE FAILED TO FLAG FOR SCRATCH

- Reason: An update to the TLMS VMF failed when attempting to flag a converted tape for TLMS scratching.
- Action: Please contact Technical Support for assistance.

MO154 DATASET IS NOT SPECIFICALLY INCLUDED BY CREATION JOB NAME

- Reason: The tape dataset does not match a specific creation job name or generic creation job name mask in the creation job name inclusion table and is not selected for current processing.
- Action: If this dataset is meant to be selected for processing, the creation job name inclusion list needs to be modified to allow this dataset to be selected. (The default inclusion list is INCLCRJB in the Tape/Copy PARMLIB.) Otherwise, this is an informational rejection message.

MO155 DATASET IS SPECIFICALLY EXCLUDED BY CREATION JOB NAME

- Reason: The tape dataset matches a specific creation job name or generic creation job name mask in the creation job name exclusion table and is not selected for current processing.
- Action: If this dataset is meant to be selected for processing, the creation job name exclusion list needs to be modified to allow this dataset to be selected. (The default exclusion list is EXCLCRJB in the Tape/Copy PARMLIB.) Otherwise, this is an informational rejection message.

MO156 DATASET IS REJECTED BY USER EXIT

- Reason: The tape dataset has been flagged for exclusion by an included user exit program and is not selected for current processing.
- Action: This is an informational message only and is useful during candidate dataset selection/rejection tracking.

MO157 STACKED FILE REJECTED BY ANOTHER FILE IN THE STACK

- Reason: The tape this dataset resides on contains another stacked dataset that failed Candidate Selection and consequently, this dataset is not selected for processing.
- Action: This is an informational message only and is useful during candidate dataset selection/rejection tracking.

MO158 STACKED DATASET RECORD IS NOT FOUND IN THE TAPE MANAGEMENT DATABASE

Reason: The stacked dataset record in the user's tape management system database was not found.

Action: Consult the tape management system procedures for diagnosing the missing stacked dataset record.

MO159 RETURN CODE(R15) X'00000000' ERROR/INFO CODES X'0000/0000'

Reason: This message is produced when a non critical dataset dynamic allocation fails.

Action: The information in this message is necessary to determine why a dataset allocation failed.

MO160 DATASET IS NOT PROPRIETARY DATA FORMAT

Reason: This dataset is not of a proprietary data format and proprietary data format processing was requested and is not selected for current processing.

Action: If this dataset is meant to be selected for processing, the proprietary table member needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO161 DATASET IS PROPRIETARY DATA FORMAT

Reason: This dataset is of a proprietary data format and proprietary data format processing was not requested and is not selected for current processing.

Action: If this dataset is meant to be selected for processing, the proprietary table member needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO162 DATASET PROPRIETARY DATA FORMAT IS CURRENTLY UNSUPPORTED

Reason: This dataset is of a proprietary data format that is not currently supported by the dataset conversion process and is not selected for current processing.

Action: This is an informational message only and is useful during candidate dataset selection/rejection tracking.

MO163 TAPE MULTI-VOLUME DATASET HAS A BROKEN CHAIN

Reason: This dataset resides on multiple tape volumes but the pointers that chain these volumes together have been corrupted.

Action: Consult the tape management system procedures for diagnosing and repairing the corrupted multi-volume dataset chain pointers.

MO165 INPUT 128-TRACK CARTRIDGE MEDIA IS NOT SELECTED

Reason: This dataset resides on 128-track media and is not selected for further processing.

Action: If this dataset is meant to be selected for processing, the INPUT-MEDIA-TYPE parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO166 128-TRACK CARTRIDGE DATASET IS IN UNCOMPRESSED FORMAT

Reason: This dataset is on 128-track media and is not in compressed format.

Action: If this dataset is meant to be selected for processing, the INPUT-MEDIA-TYPE and/or the INPUT-COMPRESSION-FORMAT parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO167 128-TRACK CARTRIDGE DATASET IS IN COMPRESSED FORMAT

Reason: This dataset is on 128-track media and is in compressed format.

Action: If this dataset is meant to be selected for processing, the INPUT-MEDIA-TYPE and/or the INPUT-COMPRESSION-FORMAT parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO168 128-TRACK MEDIA WOULD NOT CHANGE FORMAT

Reason: Moving this tape dataset would not benefit from any technology improvements.

Action: If this dataset is meant to be selected for processing, the RANGEMOVE parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO169 TAPE LABEL FORMAT IS NOT SELECTED

Reason: This dataset contains a label format that is not selected for further processing.

Action: If this dataset is meant to be selected for processing, the INPUT-LABEL-FORMAT parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO170 DATASET IS UNDER PERMANENT RETENTION CONTROL

Reason: This dataset is under permanent retention control and is not selected for further processing.

Action: If this dataset is meant to be selected for processing, the PROCESS-PERMANENT-RETENTION-DATASETS parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO171 DATASET IS UNDER FOREIGN RETENTION CONTROL

Reason: This dataset is under foreign retention control and is not selected for further processing.

Action: If this dataset is meant to be selected for processing, the PROCESS-FOREIGN-DATASETS parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO172 DATASET IS UNDER CATALOG RETENTION CONTROL

- Reason: This dataset is under catalog retention control and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the PROCESS-CATALOG-CONTROL-DATASETS needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO173 DATASET IS UNDER USER DATE RETENTION CONTROL

- Reason: This dataset is under user date retention control and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the PROCESS-USER-DATE-DATASETS parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO174 DATASET IS UNDER CATALOG/DATE RETENTION CONTROL

- Reason: This dataset is under catalog and date retention control and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the PROCESS-CATALOG/DATE-CONTROL-DATASETS parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO175 DATASET IS UNDER DATE RETENTION CONTROL

- Reason: This dataset is under date retention control and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the PROCESS-DATE-CONTROL-DATASETS parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO176 DATASET IS UNDER STATS DATE RETENTION CONTROL

- Reason: This dataset is under stats date retention control and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the PROCESS-STATS-DATE-DATASETS parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO177 DATASET IS UNDER LDATE RETENTION CONTROL

- Reason: This dataset is under last used date retention control and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the PROCESS-LDATE-DATASETS parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO178 DATASET IS UNDER CYCLE RETENTION CONTROL

- Reason: This dataset is under cycle retention control and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the PROCESS-CYCLE-CONTROL-DATASETS parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO179 DATASET IS UNDER ELAPSED DAYS RETENTION CONTROL

- Reason: This dataset is under elapsed days retention control and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the PROCESS-ELAPSED-DAYS-DATASETS parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO180 DATASET IS UNDER MOVE IMMEDIATE RETENTION CONTROL

- Reason: This dataset is under move immediate retention control and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the PROCESS-MOVE-IMMEDIATE-DATASETS parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO181 DATASET IS UNDER EXPIRATION DATE RETENTION CONTROL

- Reason: This dataset is under explicit expiration date retention control and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the PROCESS-EXPIRATION-DATE-DATASETS parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO182 DATASET IS NOT A CONTROL DATE

- Reason: This dataset does not contain a control date and is not selected for further processing.
- Action: This is an informational message only and is useful during candidate dataset selection/rejection tracking.

MO184 MIXED PROPRIETARY DATA FORMAT: xxxxxxxxxxxx

- Reason: The input tape volume set contains dataset of mixed proprietary data formats. xxxxxxxxxxxx is the proprietary type.
- Action: If these datasets still need to be moved, they can be moved separately using the Tape/Copy Copy on Demand Extract feature.

MO185 INPUT DATASET CATALOG STATUS CHANGED FROM CATALOGED TO UNCATALOGED

Reason: The input tape dataset name has changed from cataloged to uncataloged in the system catalog and is being rejected by the conversion job because of this catalog status change.

Action: If this dataset still needs to be moved to another tape, rerun the Candidate Selection process to build new conversion JCL for this dataset.

MO186 INPUT DATASET CATALOG STATUS CHANGED FROM UNCATALOGED TO CATALOGED

Reason: The input tape dataset name has changed from uncataloged to cataloged in the system catalog and is being rejected by the conversion job because of this catalog status change.

Action: If this dataset still needs to be moved to another tape, rerun the Candidate Selection process to build new conversion JCL for this dataset.

MO187 UNKNOWN RECORD FORMAT IN TAPE MANAGEMENT DATABASE RECORD

Reason: The dataset's RECFM is not a defined, recognized record format.

Action: If the dataset's RECFM differs from what the tape label says it is, manually update the tape management dataset to correct this dataset's record format and rerun the Candidate Selection process to build new conversion JCL for this dataset.

MO188 STACKED DATASET IS NOT ATTACHED TO A VOLUME

Reason: The stacked dataset record does not point to a valid volume record.

Action: This is probably a broken stacked dataset chain error and may not be recoverable. Contact the owner of the tape dataset to determine the disposition status of this orphaned stacked tape dataset.

MO189 UNCATALOGED CATALOG CONTROLLED DATASET

Reason: A catalog controlled dataset is no longer cataloged.

Action: This informational message is a rejection reason for the Candidate Selection process. To select this dataset for processing, change the value of the TREAT-UNCATALOGED-CATLGCNTL-DATASETS-AS-EXPIRED parameter to NO.

MO190 STACKED DATASET IS ON A SCRATCHED VOLUME

Reason: The stacked dataset resides on a tape volume that is in scratch status.

Action: If this is a dataset that should not be scratched, the tape volume needs to be removed from scratch status before it is used for output by another job. If the tape volume is correctly marked as a scratch volume, the dataset may need to be deleted so that it will not be accidentally used by another task.

MO191 TAPE MANAGEMENT SYSTEM FAILURE

- Reason: The user's tape management system is failing database reads and writes.
- Action: Make sure that the tape management system is functioning properly. If this problem persists, please contact Technical Support for assistance.

MO192 TOO MANY CONSECUTIVE TAPE MANAGEMENT SYSTEM FAILURES

- Reason: The user's tape management system is failing database reads and writes.
- Action: Make sure that the tape management system is functioning properly. If this problem persists, please contact Technical Support for assistance.

MO193 IDCAMS FUNCTION FAILURE - SEE IDCSPR FOR SPECIFIC DETAILS

- Reason: An IDCAMS function failed to execute correctly.
- Action: See the IDCSPR DD for the details concerning this IDCAMS failure. If this problem persists, please contact Technical Support for assistance.

MO194 UNABLE TO RECATALOG THE INPUT TAPE DATASET

- Reason: Tape/Copy was unable to recatalog the input tape dataset during dataset conversion error recovery.
- Action: Manually check to see what the catalog status of the input tape dataset is and manually recatalog it if it should be cataloged.

MO195 UNABLE TO UNCATALOG THE OUTPUT TAPE DATASET

- Reason: Tape/Copy was unable to uncatalog an output tape dataset during tape dataset conversion error recovery.
- Action: Manually check to see what the catalog status of the input tape dataset is and manually uncatalog the output tape dataset if it should be uncataloged.

MO196 18-TRACK DATASET WAS CREATED AFTER THE 3590 INSTALLATION DATE

- Reason: An 18-track tape dataset was created after the installation of the 3590 tape drives. Tape/Copy assumes this 18-track tape dataset is meant to be on 18-track media and is rejected for this reason.
- Action: If this 18-track tape dataset is meant to be converted, reset the 3590-INSTALLATION-DATE parameter to the factory default setting of 12/31/2099 to allow this tape dataset to be selected for further processing.

MO197 36-TRACK DATASET WAS CREATED AFTER THE 3590 INSTALLATION DATE

- Reason: An 36-track tape dataset was created after the installation of the 3590 tape drives. Tape/Copy assumes this 36-track tape dataset is meant to be on 36-track media and is rejected for this reason.
- Action: If this 36-track tape dataset is meant to be converted, reset the 3590-INSTALLATION-DATE parameter to the factory default setting of 12/31/2099 to allow this tape dataset to be selected for further processing.

MO198 TAPE DATASET IS VIRTUAL - SELECTION IS NON-VIRTUAL

- Reason: The virtual tape listed has not been selected because the candidate selection criteria has specified that no virtual tapes should be selected (see the PROCESS-VIRTUAL-VOLUMES parameter).
- Action: The user can update the PROCESS-VIRTUAL-VOLUMES parameter to include virtual tapes in order for this tape to be selected.

MO199 TAPE DATASET IS NON-VIRTUAL - SELECTION IS VIRTUAL

- Reason: The non-virtual tape listed has not been selected because the candidate selection criteria has specified that virtual tapes should be selected but not non-virtual tape (see the PROCESS-VIRTUAL-VOLUMES parameter).
- Action: The user can update the PROCESS-VIRTUAL-VOLUMES parameter to include non-virtual tapes in order for this tape to be selected.

MO200 TAPE EXTRACT RECORD HAS NO DATASET NAME

- Reason: A non-scratch tape dataset record has no dataset name.
- Action: This is probably an error in the tape management system database. Query the tape management system for this volume serial number to verify the status of the dataset name. If the dataset name is truly in error, correct it and resubmit the failing Tape/Copy job. If the dataset name is not in error, contact Technical Support for assistance.

MO201 DATASET IS NOT SELECTED BY SMS ACS ROUTINE: aaaa/bbbb/cccc

- Reason: The SMS tape ACS routine did not select this preexisting tape dataset for redirection in the virtual tape library environment.
- Action: This is a normal rejection message for any tape datasets that are blocked by the SMS tape ACS routines from being allocated to the virtual tape library environment. aaaa/bbbb/cccc is the data class/storage class/management class that the SMS ACS routines determined the tape dataset would receive. If the user feels that this message is received in error, verify the criteria that the SMS tape ACS routines use is accurate. Contact Technical Support for assistance, if necessary.

MO202 SUPPORTED DATASET PROPRIETARY DATA FORMAT IS REJECTED BY THE USER

- Reason: A Tape/Copy supported dataset proprietary data format is rejected by user request.
- Action: If this dataset is meant to be selected for processing, the proprietary table member needs to be modified to allow this dataset to be selected. (The proprietary table is located in the PROPRIET member of the Tape/Copy PARMLIB.) Otherwise, this is an informational rejection message.

M0203 ABEND RECOVERY - OUTPUT TAPE DATASET WAS NOT OPENED

Reason: This is a tape dataset recovery status message.
Action: This informational message is printed on the Conversion Rejection Report to trace the tape dataset recovery steps that were performed in response to a tape dataset conversion abend.

M0204 ABEND RECOVERY - OUTPUT TAPE DATASET WAS CLOSED

Reason: This is a tape dataset recovery status message.
Action: This informational message is printed on the Conversion Rejection Report to trace the tape dataset recovery steps that were performed in response to a tape dataset conversion abend.

M0205 ABEND RECOVERY - INPUT TAPE DATASET WAS CLOSED

Reason: This is a tape dataset recovery status message.
Action: This informational message is printed on the Conversion Rejection Report to trace the tape dataset recovery steps that were performed in response to a tape dataset conversion abend.

M0206 ABEND RECOVERY - INPUT TAPE DATASET IS RESTORED TO ORIGINAL SYSTEM

Reason: This is a tape dataset recovery status message.
Action: This informational message is printed on the Conversion Rejection Report to trace the tape dataset recovery steps that were performed in response to a tape dataset conversion abend.

M0207 CATALOG STATUS

Reason: This message is issued in conjunction with M0206.
Action: See M0206 for requested action.

M0208 ABEND RECOVERY - INPUT TAPE DATASET IS RESTORED TO ORIGINAL TAPE

Reason: This is a tape dataset recovery status message.
Action: This informational message is printed on the Conversion Rejection Report to trace the tape dataset recovery steps that were performed in response to a tape dataset conversion abend.

M0209 MANAGEMENT CATALOG STATUS

Reason: This message is issued in conjunction with M0208.
Action: See M0208 for requested action.

M0210 ABEND RECOVERY - AUDIT FILE UPDATED

Reason: This is a tape dataset recovery status message.
Action: This informational message is printed on the Conversion Rejection Report to trace the tape dataset recovery steps that were performed in response to a tape dataset conversion abend.

MO211 TAPE ABENDED DURING CONVERSION - SEE JOB LOG FOR SPECIFIC DETAILS

- Reason: This message indicates that a tape dataset abended during conversion.
- Action: This informational message directs the user to the conversion job log for specific details on the cause of the abending tape dataset. Correct the tape dataset and resubmit the conversion job or drop the abending tape dataset from further Tape/Copy processing.

MO212 ABEND RECOVERY - INPUT TAPE DATASET WAS NOT OPENED

- Reason: This is a tape dataset recovery status message.
- Action: This informational message is printed on the Conversion Rejection Report to trace the tape dataset recovery steps that were performed in response to a tape dataset conversion abend.

MO215 TAPE DATASET IS ASSIGNED A NEW NAME

- Reason: This message indicates that the SELECT-NEWNAMING-DATASETS parameter was set to NO, but the candidate dataset was assigned a newname using the active newname table so the dataset has been rejected.
- Action: This message is produced when the user criteria has caused Tape/Copy to select tapes that will not be assigned a new dataset name. Set the SELECT-NEWNAMING-DATASETS parameter to YES to allow datasets with or without newnames to be selected, or set the parameter to ONLY to allow only datasets with newnames to be selected.

MO216 TAPE DATASET IS NOT ASSIGNED A NEW NAME

- Reason: A tape dataset name does not match the new name criteria under the newname feature and the output tape will not be assigned this new dataset name.
- Action: This message is produced when the user criteria specifies that they only want to select tapes that will be assigned a new dataset name.

MO217 DATASET NEW NAME INVALID: aaaaaaaa

- Reason: The new dataset name assigned by the newname feature is invalid by the MVS dataset naming rules. Either it is longer than 44 characters, or does not begin with an alphabetic or national character, or contains a dataset node that is longer than 8 characters or begins with an invalid character.
- Action: The newname renaming criteria needs to be reviewed for correctness and adjusted to create new dataset names that conform to MVS dataset naming rules.

MO220 DATASET IS NOT EXTERNALLY MANAGED

- Reason: The tape dataset is not retention managed by an external tape data manager and Tape/Copy was directed to select only externally data managed tape datasets.
- Action: If this dataset is meant to be selected for processing, the PROCESS-EXTERNALLY-MANAGED-TAPES parameter needs to be modified to

allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO221 DATASET CREATED BEFORE MAXIMUM DAYS SINCE CREATION IS REACHED

- Reason: The tape dataset is rejected because it was created outside of the minimum/maximum creation date selection range.
- Action: If this dataset is meant to be selected for processing, the MAXIMUM-DAYS-SINCE-CREATION parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO222 DATASET CREATED AFTER MINIMUM DAYS SINCE CREATION IS REACHED

- Reason: The tape dataset is rejected because it was created outside of the minimum/maximum creation date selection range.
- Action: If this dataset is meant to be selected for processing, the MINIMUM-DAYS-SINCE-CREATION parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

MO223 VOLUME BIRTH DATE IS BEFORE MAXIMUM DAYS SINCE BIRTH DATE

- Reason: The tape dataset is rejected because it was physically added to the tape library outside of the minimum/maximum birth date selection range.
- Action: If this tape volser is meant to be selected, correct the Tape/Copy Candidate Selection criteria to extend the birth date minimum/maximum selection range and rerun the Tape/Copy Candidate Selection job. This is an informational rejection message if this tape volser is being correctly rejected.

MO224 VOLUME BIRTH DATE IS AFTER MINIMUM DAYS SINCE BIRTH DATE

- Reason: The tape dataset is rejected because it was physically added to the tape library outside of the minimum/maximum birth date selection range.
- Action: If this tape volser is meant to be selected, correct the Tape/Copy Candidate Selection criteria to extend the birth date minimum/maximum selection range and rerun the Tape/Copy Candidate Selection job. This is an informational rejection message if this tape volser is being correctly rejected.

MO225 VOLSER: aaaaaa FILE SEQUENCE #: bbbb

- Reason: This rejection message is associated with rejection message M0158.
- Action: This rejection message gives additional information for verifying that the dataset rejected by rejection message M0158 is a correct rejection reason.

MO226 NEWNAME DSN ALREADY USED: aaaaaa

- Reason: The generated newname for a tape dataset is already in use by another dataset.

Action: Determine if this newname is being generated in error and, if it is in error, correct the root cause of the error and rerun the Tape/Copy conversion job.

M0227 WOULD MODIFY PROTECTED LAST 17 CHARACTERS OF DATASET NAME

Reason: This rejection message indicates that the new name mask for an original dataset name would cause the last 17 characters of the new dataset name to be modified and the parameter PROTECT-LAST-17-CHARACTERS-OF-DSNAME is set to YES. This message is associated with rejection message M0217.

Action: Determine if the PROTECT-LAST-17-CHARACTERS-OF-DSNAME parameter is properly set for this run or modify the new naming mask in the newname table to generate a correct new dataset name.

M0228 DATASET ALREADY HAS A DUALCOPY BACKUP

Reason: This rejection message indicates that the tape dataset is being rejected during a Dual Copy run because a Dual Copy of the dataset already exists.

Action: If this message is issued in error, determine the status of the tape that Tape/Copy thinks is a preexisting Dual Copy and either scratch the Dual Copy or accept the Dual Copy as the correct tape dataset backup.

M0229 DATASET HAS ALREADY BEEN MOVED BY TAPE/COPY

Reason: This rejection message indicates that this tape has already been moved by Tape/Copy and it will not be selected for movement again.

Action: If the user needs to move this tape again, use the Copy on Demand facility to force the movement of this tape dataset.

M0230 NO MATCHING DUAL COPY BACKUP FOR DATASET FOUND

Reason: Dual Copy Recovery was unable to find a Dual Copy backup dataset that matches this datasets create date, time, job, program, stepname, and ddname and also matched its last write date and time or block count or last used information.

Action: If a matching Dual Copy backup does exist, report this error to Technical Support. Otherwise this dataset can not be recovered by Tape/Copy Dual Copy Recovery processes.

M0231 NO MATCHING ORIGINAL FOUND FOR DUAL COPY BACKUP OR DUPLICATE BACKUP

Reason: Tape/Copy VDR Dual Copy Recovery was attempting to locate all of the original files that are stacked on the Dual Copy backup volume listed, so that they could all be recovered. At least one of the files on the Dual Copy backup tape could not be matched to an original tape dataset. This rejection message can also be issued when there are multiple valid backups of a single original file. The first backup is used for recovery and any extra backups will be rejected with M0231.

Action: If batch recovery can not find a match for a Dual Copy backup tape dataset then the original has probably been expired since the Tape/Copy VDR Dual Copy cleanup process was last performed.

M0232 DUAL COPY ORIGINAL DOES NOT MATCH BACKUP

- Reason: Tape/Copy VDR Dual Copy Recovery identified a Dual Copy backup that matched the original dataset by dataset name, but either the create, last write, or block count information in the tape management catalog were not the same.
- Action: This tape dataset cannot be recovered as the backup appears to contain a different version of the data. Other files (with matching information) will still be recovered, but this file must either be recreated or recovered from another backup.

M0233 BACKUP VOLSER=xxxxxx DSN=nnnnn

- Reason: This message is a companion message to M0231 and M0232. It supplies the volser and dataset name of the Dual Copy backup referred to by those messages.
- Action: Proceed as directed in the action text for message M0231 or M0232 depending on which message was issued directly prior to this message.

M0234 UNABLE TO UNCATALOG THE ORIGINAL TAPE DATASET

- Reason: Tape/Copy was unable to uncatalog the original tape dataset during Dual Copy Recovery processing.
- Action: Manually check to see what the catalog status of the original tape dataset is and manually uncatalog it if it should be uncataloged.

M0235 UNABLE TO CATALOG THE BACKUP TAPE DATASET

- Reason: Tape/Copy was unable to catalog the Dual Copy backup tape dataset during Dual Copy Recovery processing.
- Action: Manually check to see what the catalog status of the Dual Copy backup tape dataset is and manually catalog it if it should be cataloged.

M0236 UNABLE TO RECATALOG THE ORIGINAL TAPE DATASET

- Reason: Tape/Copy was unable to recatalog the original tape dataset during Dual Copy Recovery processing.
- Action: Manually check to see what the catalog status of the original tape dataset is and manually catalog it if it should be cataloged.

M0237 UNABLE TO UNCATALOG THE BACKUP TAPE DATASET

- Reason: Tape/Copy was unable to uncatalog the Dual Copy backup tape dataset during Dual Copy Recovery processing.
- Action: Manually check to see what the catalog status of the Dual Copy backup tape dataset is and manually uncatalog it if it should be uncataloged.

MO238 FDR CREATED TAPE WOULD BE COPIED BY AN INCORRECT DATA MOVEMENT ENGINE

- Reason: A Tape/Copy conversion engine, other than the FDR or INTERNAL Tape/Copy conversion program, detected that the tape dataset was a FDR format dataset.
- Action: The non-FDR conversion engine will bypass this tape dataset and continue normal processing. Verify that the PROPRIET member of the Tape/Copy PARMLIB has been configured properly.

MO239 VOLUME SET EXCEEDS THE CAPACITY OF THE STACKED OUTPUT VOLUME LIMIT

- Reason: The tape datasets on the specified volser contain more data than the capacity of the output tape media (as determined by the OUTPUT-MEDIA-TYPE parameter) times the STACKED-OUTPUT-VOLUME-LIMIT parameter.
- Action: The tape datasets are rejected. To process these datasets the user can change the value of STACKED-OUTPUT-VOLUME-LIMIT to a number high enough to accommodate these files or to 'NONE'.

MO240 VOLUME SET DOES NOT MEET THE STACKED OUTPUT MIN. UTILIZATION LIMIT

- Reason: After adding as many selected tape datasets as possible to a conversion job, Tape/Copy determined that the total size of the tape datasets listed did not meet the value specified in the STACKED-OUTPUT-MINIMUM-UTILIZATION parameter.
- Action: The tape datasets are rejected. To process these datasets the user can;
1. Increase the TAPES-PER-CONVERSION-JOB parameter, which will allow Tape/Copy to put more tapes on the output volume to meet the minimum utilization limit.
 2. Decrease the STACKED-OUTPUT-MINIMUM-UTILIZATION parameter to a percentage that can be reached (or even '0').
 3. Change the STACKED-OUTPUT-VOLUME-FITTING parameter to 'BEST'.
 4. Set STACKED-OUTPUT-VOLUME-LIMIT to 'NONE'.
 5. Wait. The next Tape/Copy Candidate Selection run may be able to fit these datasets on a stacked output volume and meet the minimum utilization limit by matching them up with other datasets that were not processed after this Tape/Copy Candidate Selection run.
 6. Expand the scope of datasets selected by the Tape/Copy Candidate Selection run.

MO241 OUTPUT DATASET RETENTION UPDATED TO OUTPUT-ABEND-SCRATCH-DAYS

- Reason: This is an information message to indicate that the expiration date or retention of the volume has been modified as the user specified in the OUTPUT-ABEND-SCRATCH-DAYS parameter.
- Action: No user action required. This is an informational message only.

MO242 TAPE DATASET IS NOT IN SELECTED ATL - ATLID: xxxxxxxx

- Reason: This message occurs when INPUT-MEDIA-TYPE is set to a value that is also defined in the LIBRYDEF member. Any tapes that are in an ATL but not the ATL specified by INPUT-MEDIA-TYPE are rejected with this message. xxxxxxxx is the ATLID of the rejected dataset.
- Action: Use INPUT-MEDIA-TYPE of 'ALL' if all tapes should be included or change INPUT-MEDIA-TYPE to the ATLID of the ATL that is to be selected.

MO243 UNABLE TO RENAME CATALOG ENTRY TO BACKUP NAME

- Reason: Tape/Copy was unable to rename the Dual Copy backup tape dataset from the Original dataset name to the backup dataset name.
- Action: Review the IDCAMS IDCYSYSPR output to determine the cause of the error. Correct the error and retry the failing Tape/Copy process.

MO244 UNABLE TO RENAME CATALOG ENTRY TO ORIGINAL NAME

- Reason: Tape/Copy was unable to rename the Dual Copy backup tape dataset from the backup dataset name to the Original dataset name.
- Action: Review the IDCAMS IDCYSYSPR output to determine the cause of the error. Correct the error and manually alter the catalog entry to the Original dataset name, then retry the failing Tape/Copy process.

MO245 TABLE BUILD ERROR: xxxxxxx FOR VOLSER: yyyyyy

- Reason: The table xxxxxxxx was building a volser chain and failed when it reached volser yyyyyy.
- Action: This message indicates the presence of a possible multi-volume chain error in the tape management system database. Check the volser in the message with the tape management database to verify the chain error. If the volser chain appears to be intact, please contact Technical Support for assistance.

MO246 STACKING AND DATASET IS STILL IN ACTIVE PERIOD

- Reason: Tape/Copy has determined that the dataset was selected for processing based upon candidate selection criteria, but it is still within the active period (the period during which the dataset is usually referenced), therefore the dataset will not be stacked. The active period is determined either using SMF analysis, or if the SMF analysis couldn't determine the active period Tape/Copy will use the ACTIVE-PERIOD-DEFAULT-INDAYS parameter value.
- Action: This feature is in place when using the Stacking Conflict Avoidance feature and is designed to keep from stacking datasets that are in their active period. Lowering the ACTIVE-PERIOD-DEFAULT-INDAYS parameter value may allow this dataset to be stacked if the parameter value is being used rather than the value determined by the SMF analysis, however if the SMF analysis has determined the active period the only way to bypass this rejection is by not using Stacking Conflict Avoidance (STACKED-OUTPUT-CONFLICT-PROCESSING: NO).

MO247 STACKING AND DATASET HAD CONFLICTS WITH OTHERS

- Reason: Tape/Copy has determined that the dataset will conflict with another dataset on the stack, therefore the dataset will not be stacked to avoid dataset usage conflicts.
- Action: This is an informational message only.

MO248 NO END OF FILE FOUND AT END OF INPUT DATASET

- Reason: Tape/Copy has reached the end of volume (EOV) but has not encountered an end of file (EOF).
- Action: Compare the volumes that Tape/Copy has processed (the volumes that were mounted) to the volumes listed in the tape management system's database. If they are not the same, the user should;
- 1) Check to see if the multi-volume chain in the tape management system's database is broken, and if it is the user should correct it.
 - 2) Assure that the catalog entry lists all of the volumes of the multi-volume chain.
 - 3) Contact Technical Support for further assistance.
- If all of the volumes have been processed, then this message indicates that the dataset is missing its EOF indicator and should be reviewed by the data owner.

MO249 DATASET IS SPECIFICALLY EXCLUDED BY BAD MEDIA

- Reason: The tape dataset listed is on a volser that is listed in the BADMEDIA member of PARMLIB.
- Action: If this dataset is meant to be selected for processing and the tape volume that is in the BADMEDIA member is no longer considered bad media, the table entry for that volser may be deleted from the member so that it is no longer excluded from processing. Otherwise, this is an informational message.

MO250 DATASET IS SPECIFICALLY EXCLUDED BY LOST VOLUME

- Reason: The tape dataset listed is on a volser that is listed in the LOSTVOLS member of PARMLIB.
- Action: If this dataset is meant to be selected for processing and the tape volume that is in the LOSTVOLS member has been located, the table entry for that volser may be deleted from the member so that it is no longer excluded from processing. Otherwise, this is an informational message.

M0251 VOLCHAIN ENTRY MISSING FOR MULTI-VOLUME VOLSER

- Reason: The tape management data base indicates that the specified volser is part of a multi-volume chain but no corresponding entry was found in the VOLCHAIN VSAM file that is created by the Tape/Copy database extract phase.
- Action: Refresh the VOLCHAIN VSAM file by rerunning the Candidate Selection (Mass Copy) job stream and then retry the job that produced this error. If this error was reported by a Candidate Selection (Mass Copy) job stream this indicates that the multi-volume chain is in error or that the multi-volume indicator on this volume is incorrect. Correct the multi-volume chain and indicators and retry the job. If necessary, contact Technical Support for assistance.

M0252 INPUT TAPE MEDIA: xxxxxxxx NOT SELECTED

- Reason: The tape dataset resides on the tape media specified by xxxxxxxx and that tape media was not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the INPUT-MEDIA-TYPE parameter needs to be modified to allow this dataset to be selected. Otherwise, this is an informational rejection message.

M0253 INPUT MEDIA TYPE: xxxxxx w/ TAPENAME YYYYYY NOT DEFINED IN PARMLIB (IOCNTLTB) MEMBER

- Reason: The tape dataset resides on the media type specified by xxxxxxxx and that media type is not defined in the IOCNLTB member of the Tape/Copy PARMLIB as an input media type (by specifying 'I' or 'B' in the I/O/B column of the member) with the TAPENAME value of yyyyyy.
- Action: If this input media type is meant to be selected for processing, the IOCNLTB member needs to be modified to allow Tape/Copy to recognize this media type as an acceptable input media type. Otherwise, this is an informational rejection message.

M0254 OUTPUT MEDIA TYPE: xxxxxx w/ TAPENAME YYYYYY NOT DEFINED IN PARMLIB (IOCNTLTB) MEMBER

- Reason: The tape dataset resides on the media type specified by xxxxxxxx and that media type is not defined in the IOCNLTB member of the Tape/Copy PARMLIB as an output media type (by specifying 'O' or 'B' in the I/O/B column of the member) with the TAPENAME value of yyyyyy.
- Action: If this output media type is meant to be selected for processing, the IOCNLTB member needs to be modified to allow Tape/Copy to recognize this media type as an acceptable output media type. Otherwise, this is an informational rejection message.

M0255 TAPE LABEL TYPE IS NOT SUPPORTED FOR OUTPUT PROCESSING

- Reason: The OUTPUT-LABEL-FORMAT parameter was set to a value that is not supported for output processing or OUTPUT-LABEL-FORMAT was set to ASIS and the input tape label type is a label type that is not supported for output processing.

Action: Select an OUTPUT-LABEL-FORMAT value that is supported (SL,NL,NSL,SUL LTM or AL3).

M0256 MEDIA TYPE xxxxxxxx IS NOT SUPPORTED FOR INPUT PROCESSING

Reason: The tape dataset resides on media type xxxxxxxx which is not supported by Tape/Copy as an input media type.

Action: If this dataset is to be selected for processing the Recording Format, Density and other media type information in the Tape Management Catalog should be updated with correct values. Otherwise, this is an informational message.

M0257 VDRMOD DOES NOT SUPPORT STACKED TAPES

Reason: The OUTPUT-FILE-FORMAT parameter indicates STACK. However, stacking is not supported by the VDRMOD function.

Action: Correct the OUTPUT-FILE-FORMAT parameter value and resubmit the job.

M0258 VDRMOD IS NOT SUPPORTED BY SPECIFIED TMS

Reason: The TAPE-MANAGEMENT-SYSTEM parameter specified a TMS that is not supported by the VDRMOD function. VDR is only supported when using CA-1.

Action: Correct the TAPE-MANAGEMENT-SYSTEM parameter value and resubmit the job.

M0259 VDRMOD CANNOT LOCATE DUALCOPY BACKUP

Reason: The "Dual Copy" backup for the original dataset can not be located via the newname table specified.

Action: Ensure that the correct newname table is specified along with the correct PERFORM-NEWNAME-PROCESSING parameter setting and rerun the job. If necessary, contact Technical Support for assistance.

M0260 VDRMOD DOES NOT SUPPORT UNCATALOGED DATASETS

Reason: The VDRMOD function requires that both the Original and Dual Copy backup datasets be cataloged.

Action: Ensure that the Original and Dual Copy datasets are cataloged and rerun the job. If necessary, contact Technical Support for assistance.

M0264 TAPE LABEL TYPE IS NOT SUPPORTED FOR INPUT PROCESSING

Reason: The INPUT-LABEL-FORMAT parameter was set to a value that is not supported for input processing.

Action: Select an INPUT-LABEL-FORMAT value that is supported.

M0265 TAPE VOLUME MOUNT WAS CANCELLED BY OPERATOR

Reason: This message indicates that a tape mount request made by P2P Sync was cancelled by the operator.

Action: This is an information message only.

MO266 LAST KNOWN DATASET ON TAPE, BUT NOT TWO TAPEMARKS AFTER IT

- Reason: On an SL tape there were not two consecutive tapemarks following the very last dataset Tape/Copy was aware of on that tape. Since there should always be two tapemarks following the trailer labels of the last dataset on the tape (when that dataset does not span to another tape), this may indicate a problem. The tape management system may not know of additional datasets on the tape.
- Action: Review the use of the BYPASS-END-OF-VOLSET-TEST parameter in the Tape/Copy Parameter Reference Guide. Contact Technical Support for assistance.

MO267 DATASET IS NOT SPECIFICALLY INCLUDED BY CREATING SYSTEM NAME

- Reason: The tape dataset's creating system name does not match a specific system name or generic system name mask in the system name inclusion table and is not selected for current processing.
- Action: If this dataset is meant to be selected for processing, the system name inclusion list needs to be modified to allow this dataset to be selected. (The default inclusion list is INCLCRSN in the Tape/Copy PARMLIB.) Otherwise, this is an informational rejection message.

MO268 DATASET IS SPECIFICALLY EXCLUDED BY CREATING SYSTEM NAME

- Reason: The tape dataset's creating system name matches a specific system name or generic system name mask in the system name exclusion list and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the system name exclusion list needs to be modified to allow this dataset to be selected. (The default exclusion list is EXCLCRSN in the Tape/Copy PARMLIB.) Otherwise, this is an informational rejection message.

MO269 DATASET IS NOT SPECIFICALLY INCLUDED BY CREATING PROGRAM NAME

- Reason: The tape dataset's creating program name does not match a specific program name or generic program name mask in the program name inclusion table and is not selected for current processing.
- Action: If this dataset is meant to be selected for processing, the program name inclusion list needs to be modified to allow this dataset to be selected. (The default inclusion list is INCLCRPG in the Tape/Copy PARMLIB.) Otherwise, this is an informational rejection message.

MO270 DATASET IS SPECIFICALLY EXCLUDED BY CREATING PROGRAM NAME

- Reason: The tape dataset's creating program name matches a specific program name or generic program name mask in the program name exclusion list and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the program name exclusion list needs to be modified to allow this dataset to be selected. (The default exclusion list is EXCLCRPG in the Tape/Copy PARMLIB.) Otherwise, this is an informational rejection message.

MO271 DATASET HAS BEEN IDLE TOO LONG: CRITERIA-aaaa.aaa DSN-xxxx.xxx

- Reason: The tape dataset has been unused too long to warrant selection. aaaa.aaa is the criteria that the user specified. xxxx.xxx is the actual number of days that the dataset has been idle.
- Action: If this dataset is meant to be selected for processing the MAXIMUM-DAYS-IDLE parameter needs to be modified to permit this dataset to be selected.

MO272 VOLUME BIRTHDATE IS LATER THAN CRITERIA: CRIT-aaaa.aaa VOL-xxxx.xxx

- Reason: The "in service" date (volume birth date) of the tape volume is too great warrant selection. aaaa.aaa is the criteria that the user specified. xxxx.xxx is the actual "in service" date of the volume.
- Action: If this dataset is meant to be selected for processing the MINIMUM-DAYS-SINCE-VOLUME-BIRTH parameter needs to be modified to permit this dataset to be selected.

MO273 TEMPORARY IO ERROR COUNT LESS THAN CRITERIA: CRIT-aaaa VOL-xxxx

- Reason: The temporary IO error count of this volume is too low to warrant selection. aaaa is the criteria that the user specified. xxxx is the actual IO error count of the volume.
- Action: If the datasets on this volume are meant to be selected for processing the MINIMUM-TEMPORARY-IO-ERRORS parameter needs to be modified to permit this dataset to be selected.

MO274 VOLUME USE COUNT IS LESS THAN CRITERIA: CRIT-aaaa VOL-xxxx

- Reason: The volume use count of this volume is too low to warrant selection. aaaa is the criteria that the user specified. xxxx is the actual use count of the volume.
- Action: If the datasets on this volume are meant to be selected for processing the MINIMUM-VOLUME-USE-COUNT parameter needs to be modified to permit this dataset to be selected.

MO275 EXPIRATION DATE VALUE IN TMC IS INVALID

- Reason: The Stacked Management Controlled Clean-up Utility encountered a dataset with an invalid expiration date. This dataset is rejected and the volume set it is on will not be expired.
- Action: Manually correct the expiration date in the tape management catalog.

MO276 INFIL FILE VOLUME LIST DOES NOT MATCH TAPE MGMT VOLUME LIST

- Reason: The volsers listed in the control cards that were passed to the Tape/Copy conversion program do not match the volsers that were returned by direct reads of the tape management database.
- Action: DFSMSrmm users only: Add parameters FORCE-BROKEN-MULTIVOL-SELECTION: YES and RMM-BROKEN-MULTIVOL-CHAIN-OPTION: YES to the USERSETS member of the Tape/Copy PARMLIB and re-run the candidate selection job. All other users: Contact Technical Support for assistance.

M0277 INFILE VOLUME LIST=xxxxxxxx

- Reason: This information message is issued in conjunction with M0276 to provide diagnostic information.
- Action: See requested action for M0276.

M0278 TAPE MGMT VOL LIST=xxxxxxxx

- Reason: This information message is issued in conjunction with M0276 to provide diagnostic information.
- Action: See requested action for M0276.

M0279 DATASET REJECTED, NOT CURRENT CYCLE, CURRENT: xxx DATASET CYCLE: yyy

- Reason: The specified file is not the current cycle for this dataset name. Only the current cycle can be selected for processing.
- Action: None, this message is informational only.

M0280 FIRST VOLSER FROM TMC DOES NOT MATCH FIRST VOLSER IN TAPE LABEL

- Reason: During a dataset copy operation, Tape/Copy has detected that the first volser of the dataset as obtained from the tape management catalog did not match the first volser as obtained from the tape's standard label. This indicates that the tape management catalog is out of sync with the actual tape dataset. Depending on the setting of the ALLOW-MISSING-INPUT-DATASET-VOLUME parameter, this dataset may or may not be considered successfully copied.
- Action: The user should investigate why there is a discrepancy between the volser information in the tape management catalog and the actual tape dataset. Either correct the condition, or if the condition is acceptable to the user they may set the ALLOW-MISSING-INPUT-DATASET-VOLUME parameter to YES to allow Tape/Copy to process the dataset anyway.

M0281 DATASET IS NOT SPECIFICALLY INCLUDED BY DATASET NAME/CREATION JOBNAME

- Reason: The tape dataset name does not match a specific dataset name/generic dataset name mask and creation job name/generic job name mask in the dataset name/creation job name inclusion list and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the dataset name/creation job name inclusion list needs to be modified to allow this dataset to be selected. (The default inclusion list is INCLDSCJ in the Tape/Copy PARMLIB.) Otherwise, this is an informational rejection message.

MO282 DATASET IS SPECIFICALLY EXCLUDED BY DATASET NAME/CREATION JOBNAME

- Reason: The tape dataset name matches a specific dataset name/generic dataset name mask and creation job name/generic job name mask in the dataset name/creation job name exclusion list and is not selected for further processing.
- Action: If this dataset is meant to be selected for processing, the dataset name/creation job name exclusion list needs to be modified to allow this dataset to be selected. (The default exclusion list is EXCLDSCJ in the Tape/Copy PARMLIB.) Otherwise, this is an informational rejection message.

MO283 DUAL COPY OF DFSMSHSM DATA SETS REQUIRES AUTO NEWNAMING

- Reason: A Dual Copy of a DFSMSHsm tape was attempted without Auto Newnaming.
- Action: Use Auto Newnaming when using Dual Copy to backup DFSMSHsm tapes.

MO284 aaaaaaaaa VOLUME bbbbbb NOT FOUND IN DFSMSHSM OFFLINE CONTROL DATA SET

- Reason: A DFSMSHsm original or copy volume was not found in the HSM Control Data Set (CDS). If the value of aaaaaaaaa is 'INPUT', the input volume is not found in the HSM CDS before the HSM CDS update. If the value of aaaaaaaaa is 'OUTPUT', the output volume is not found in the HSM CDS after the HSM CDS update.
- Action: Ensure that the PROPRIET member of PARMLIB correctly identifies DFSMSHsm backup and migration tapes. Ensure that the DFSMSHsm volser being processed has an entry in the HSM Control Data Set. Contact Technical Support for assistance if needed.

MO285 DFSMSHSM COMMAND TIMEOUT

- Reason: A DFSMSHsm command was issued to DFSMSHsm through the DFSMSHsm API and a response was not received in a timely manner.
- Action: Ensure that DFSMSHsm is active and is processing commands. Contact Technical Support if needed.

MO286 UNABLE TO EXTRACT ORIGINAL VOLSER FROM DUAL COPY DATA SET NAME

- Reason: During a VDR recovery, Tape/Copy was unable to determine the original volume serial of the dual copy.
- Action: Ensure that the VDR recovery is using the same newname table that was used when the backup was made.

MO287 INPUT AND OUTPUT DFSMSHSM DATA SETS HAVE DIFFERENT VOLUME COUNTS

- Reason: This message is issued when an output tape of a MOVE or VDR recovery occupies more tape volumes than the input data set occupied. Due to limitations in the DFSMSHsm Control Data Set, this is a case that cannot be accommodated.
- Action: Ensure that the output tape volumes have at least as much capacity as the input tape volumes.

M0288 STACKING IS NOT SUPPORTED FOR: aaaaaaaaaa

Reason: The listed proprietary data type can not be stacked with other files.
Action: To process the specified file, you must change the OUTPUT-FILE-FORMAT parameter to "ASIS".

M0289 COPY PROCESSING IS NOT SUPPORTED FOR: aaaaaaaaaa

Reason: The listed proprietary data type can only be processing in "MOVE" mode.
Action: To process the specified file you must change the DATA-COPY-FUNCTION parameter to "MOVE".

M0290 DUAL COPY OF EXTERNALLY MANAGED TAPE REQUIRES AUTO NEWNAMING

Reason: A Dual Copy of an externally managed tape was attempted without Auto Newnaming.
Action: Use Auto Newnaming when using Dual Copy to backup externally managed tapes.

M0291 STACKING OF EXTERNALLY MANAGED TAPE IS NOT SUPPORTED

Reason: An attempt was made to stack an externally managed tape. Stacking of externally managed tapes is not supported.
Action: No action is necessary. Externally managed tapes are not selected for processing when stacking is used.

M0292 COPY OF EXTERNALLY MANAGED TAPE IS NOT SUPPORTED

Reason: A COPY of an externally managed tape was attempted. COPY is not supported for externally managed tapes.
Action: No action is necessary. Externally managed tapes are not selected for COPY processing.

M0293 DFSMSHSM VOLUME IS NOT MARKED FULL

Reason: The DFSMSHSM-SELECT-NON-FULL-TAPES parameter was set to "NO" and the specified tape was not marked full in the DFSMSHsm OCDS.
Action: To allow the selection of non-full DFSMSHsm tapes, change the setting of DFSMSHSM-SELECT-NON-FULL-TAPES to "YES".

M0296 EXTERNALLY MANAGED FILE TYPE IS NOT SUPPORTED

Reason: An attempt was made to process an externally managed tape and the externally managed tape file type is not supported by Tape Copy. Tape Copy currently supports externally managed tapes defined as DFSMSHsm tapes in the PROPRIET PARMLIB member.
Action: No action is required.

MO297 DATASET IS A DUAL COPY BACKUP

- Reason: Specified dataset is a Dual Copy backup file and is therefore not eligible to be selected for Dual Copy creation.
- Action: None. This is an informational message.

MO298 TAPE DATASET IS NOT ASSIGNED A DUPLEX NAME

- Reason: A tape dataset name does not match the new name criteria under the newname feature and the DUPLEX output tape will not be assigned this new dataset name.
- Action: This message is produced when the user criteria specifies that they only want to select tapes that can be assigned a new dataset name (SELECT-NEWNAMING-DATASETS: ONLY).

MO299 DUPLEX NEW NAME INVALID: xxx

- Reason: The new dataset name generated for the duplex Dual Copy backup using the newname feature is invalid by the MVS dataset naming rules. Either it is longer than 44 characters, or does not begin with an alphabetic or national character, or contains a dataset node that is longer than 8 characters or begins with an invalid character.
- Action: Review the newname table specified by the DUPLEX-NEWNAME-TABLE parameter. The newname criteria needs to be reviewed for correctness and adjusted to create new dataset names that conform to MVS dataset naming rules.

MO300 DUPLEX WOULD MODIFY PROTECTED LAST 17 CHARACTERS OF DATASET NAME

- Reason: This rejection message indicates that using the defined newname table (DUPLEX-NEWNAME-TABLE) would cause the last 17 characters of the original dataset name to be modified in the duplex copy, and the PROTECT-LAST-17-CHARACTERS-OF-DSNAME parameter is set to "YES".
- Action: Either changes the value of the PROTECT-LAST-17-CHARACTERS-OF-DSNAME so that the last 17 characters are not protected (not recommended) or alter the duplex newname table so that the newname created would not alter the last 17 characters.

MO301 DUPLEX NEW NAME IS SAME AS PRIMARY NEW NAME

- Reason: The duplex dataset name generated using the newname table defined by the DUPLEX-NEWNAME-TABLE parameter would be the same as the dataset name generated for the primary Dual Copy backup (newname table identified by ACTIVE-NEWNAME-TABLE). The primary backup copy and the duplex copy must be given unique dataset newnames.
- Action: Modify the newname tables so that they will generate unique dataset names for the primary and duplex Dual Copy backups.

M0302 DMS TAPE IS NOT SUPPORTED FOR xxxxx

- Reason: A DMS tape was selected for processing, but processing of DMS tapes is not supported for the specified tape management system (xxxxx).
- Action: Set the "PROCESS" column value in the PROPRIET member to "N" for all DMS related entries so that these tapes are not selected for processing.

M0303 DUAL COPY OF DMS DATA SETS REQUIRES AUTO NEWNAMING

- Reason: A DMS tape was selected for Dual Copy processing, however the PERFORM-NEWNAME-PROCESSING parameter was not set to "AUTO". AUTO newnaming is required for Dual Copy processing of DMS tapes.
- Action: Set PERFORM-NEWNAME-PROCESSING to "AUTO", in PGMSETS DDs or in the USERSETS PARMLIB member.

M0305 COPY OF A DMS TAPE IS NOT SUPPORTED

- Reason: A DMS tape was selected for processing when DATA-COPY-FUNCTION was set to "COPY" and PERFORM-DUALCOPY-PROCESSING was set to "NO". Tape/Copy does not support creating copies of DMS tapes except through Dual Copy.
- Action: Set DATA-COPY-FUNCTION to "MOVE" to move the DMS tape data to a new tape (expiring the original DMS tape). Or, VDR users can set PERFORM-DUALCOPY-PROCESSING to YES to create a Dual Copy backup of the original DMS tape.

M0306 COPYRULE RETURNED INVALID RESULTS MEMBER: xxxxxxxx, RULE zzz

- Reason: COPYRULE processing encountered a rule value (zzz) that was inconsistent with COPYRULE processing.
- Action: No user action required. Informational message only.

M0307 INPUT AND OUTPUT DMS/CA-DISK DATASET HAVE DIFFERENT VOLUME COUNTS

- Reason: This message is issued when an output tape of a MOVE or VDR recovery occupies more tape volumes than the input dataset occupied. Due to limitations in DMS/CA-Disk, this case is not supported.
- Action: Ensure that the output tape volumes have at least as much capacity as the input tape volumes.

M0308 EOF IN TRAILER LABEL OF VOLUME BEFORE LAST VOLUME OF DATASET

- Reason: Tape/Copy detected an EOF trailer label on an input volume that is before what Tape/Copy believes is the last volume of that dataset.
- Action: This is likely a problem with the Tape Management Catalog record for that dataset. Correct the TMC entry and retry.

M0309 DMS VOLUME NOT LISTED IN DMS FILES DATASET

- Reason: A volume that was identified as a DMS volume by the PROPRIET member is not listed in the specified DMS FILES dataset.
- Action: The volume is rejected from processing. To allow the volume to be processed either correct the DMS FILES dataset specification (e.g. if the volume is in another FILES dataset change the FILES DD statement in the JCL or the DMS/CA-DISK-FILES-DATASET parameter), or correct the PROPRIET member selection criteria (if the volume is not really a DMS volume).

M0310 DMS VOLSER IS NOT THE FIRST VOLUME OF MULTIVOLUME SET

- Reason: This EDM volume is recorded in the TMC as a single file/single volume set, however the DMS FILES dataset indicates that it is part of a multivolume set, and that it is not the first volume of that set.
- Action: The volume is rejected from processing. The volume will be processed if the first volume of the multivolume set is selected.

M0311 xxx vvvvvv PREVIOUSLY SELECTED FILE

- Reason: This message indicates that EXCLUDE-PREVIOUSLY-SELECTED-FILES was set to YES and the identified dataset/volser had been selected by a previous run of the candidate selection job, so this dataset/volser has been bypassed.
- Action: This is only an informational message, however if the dataset/volser listed in the message needs to be selected by this run of the candidate selection job, change the EXCLUDE-PREVIOUSLY-SELECTED-FILES value to NO.

M0312 DFSMS/HSM NOT SUPPORTED FOR TAPE TO DISK PROCESSING

- Reason: The specified file was identified by the PROPRIET member as DFSMS/hsm data, which is not supported for tape to disk processing.
- Action: Contact Technical Support for assistance.

M0313 CA-DISK/DMS NOT SUPPORTED FOR TAPE TO DISK PROCESSING

- Reason: The specified file was identified by the PROPRIET member as CA-DISK/DMS data, which is not supported for tape to disk processing.
- Action: Contact Technical Support for assistance.

M0314 FDR DATA NOT SUPPORTED FOR TAPE TO DISK PROCESSING

- Reason: The specified file was identified by the PROPRIET member as FDR data, which is not supported for tape to disk processing.
- Action: Contact Technical Support for assistance.

M0315 OAM DATA NOT SUPPORTED FOR TAPE TO DISK PROCESSING

- Reason: The specified file was identified by the PROPRIET member as OAM data, which is not supported for tape to disk processing.
- Action: Contact Technical Support for assistance.

M0316 DATASET IS A VDR DUALCOPY

- Reason: The Dataset is a member of an input volset that contains VDR Dualcopy originals as well as VDR Dualcopy backups. This condition can occur when VDR Dualcopy Recovery In-place or Hybrid recovers some datasets in-place and others are copy recovered.
- Action: No action required. This is an information only message.

M0317 RESET RECOVERY - INPUT DATASET NOT RECATALOGED UNKNOWN DEVICE TYPE FIELD

- Reason: The Dataset catalog device type cannot be determined and cataloging is bypassed. This condition can occur when the dataset catalog status changes during a copy process or VDR Copy Recovery process. The reset/recovery routine may be invoked because of another error condition detected during conversion.
- Action: Determine the actual dataset catalog status. If the original status is unchanged then no action required. If this message was issued because of a system catalog error, manually cataloging the dataset to the correct volume and device may be necessary.

M0318 NO AUTH TO READ DSN: xxx

- Reason: The user id specified or the default user does not have the necessary RACF authority to read the dataset represented by the xxx value.
- Action: Determine why the specified user id does not have the required RACF authority, then correct and rerun the job. Contact Technical Support if you need further assistance.

M0319 NO AUTH TO ALTER DSN: xxx

- Reason: The CURRENT user id does not have the necessary RACF authority to allocate/write the dataset represented by the xxx value.
- Action: Determine why the specified user id does not have the required RACF authority, correct and rerun the job. Contact Technical Support if you need further assistance.

M0320 NO AUTH TO ALTER NEWNAME: xxx

- Reason: The CURRENT user id does not have the necessary RACF authority to allocate/write the NEWNAMED dataset represented by the xxx value.
- Action: Determine why the specified user id does not have the required RACF authority, correct and rerun the job. Contact Technical Support if you need further assistance.

M0321 NO AUTH TO ALTER DUPLXNM: xxx

- Reason: The CURRENT user id does not have the necessary RACF authority to allocate/write the DUPLXED NEWNAME dataset represented by the xxx value.
- Action: Determine why the specified user id does not have the required RACF authority, correct and rerun the job. Contact Technical Support if you need further assistance.

M0322 STACKING OF HSMABARS DATASETS IS NOT PERMITTED

- Reason: This message is issued when dataset stacking is in effect and an HSM/ABARS dataset is encountered and Dual Copy processing is not in effect.
- Action: No action required. This message is to inform the user that one or more HSM/ABARS datasets were encountered and stacking of datasets was specified as YES and Dual Copy processing was specified as NO. If Dual Copy processing is YES then stacking of HSM/ABARS datasets will be permitted.

M0323 VOLUME CLEANEDDATE IS LATER THAN CRITERIA: CRIT-aaaa.aaa VOLxxxx.xxx

- Reason: The "CLEANED" date of the tape volume is too great warrant selection. aaaa.aaa is the criteria that the user specified. xxxx.xxx is the actual "CLEANED" date of the volume.
- Action: If this dataset is meant to be selected for processing the MINIMUM-DAYS-SINCEVOLUME-CLEANED parameter needs to be modified to permit this dataset to be selected.

M0324 DATASET EXPIRATION DATE IS EXPIRED: EXPDATE-XXXX.XXX

- Reason: The selected dataset's expiration date is expired. The expiration date for the dataset is shown in the xxxx.xxx value.
- Action: No user action required. This is an informational rejection message.

M0325 STACK CONTROL DATASET NOT FIRST FILE ON VOLUME

- Reason: The first file on the volset did not contain a stack control dataset as expected.
- Action: Determine why the stack control dataset was not found, one possible reason for not finding the stack control dataset is that the STKCNTL member of the TCPRMLIB dataset does not contain the proper/required stack control dataset prefixes.

M0326 STACK CONTROL DATASET DROPPED FROM SELECTED CANDIDATES

- Reason: The stack control dataset was dropped from the candidate datasets on the volset.
- Action: No user action required. This is an informational rejection message.

M0327 DATASET IS PART OF EXISTING STACK FOR VOLUME

- Reason: The volser identified is already part of an existing stack for volume and is not considered to be a candidate for conversion.
- Action: No user action required. This is an informational rejection message. If you feel that this message is not valid contact, OpenTech support for assistance.

M0328 DSN RECORD NOT FOUND IN TAPE MGMT CATALOG, FILESEQ XXXX

Reason: The requested dataset record was not found in the Tape Management Catalog.

Action: Contact Technical Support for assistance.

M0331 DUAL COPY OF OAM DATA SETS REQUIRES AUTO NEWNAMING

Reason: An OAM tape was selected for Dual Copy processing, however the PERFORM-NEWNAME-PROCESSING parameter was not set to "AUTO". AUTO newnaming is required for Dual Copy processing of OAM tapes.

Action: Set PERFORM-NEWNAME-PROCESSING to "AUTO", in PGMSETS DDs or in the USERSETS PARMLIB member.

M0333 OAM VOLUME NOT FOUND IN TAPEVOL TABLE

Reason: A volume that was identified as an OAM volume by the PROPRIET member is not listed in the TAPEVOL table.

Action: The volume is rejected from processing. To allow the volume to be processed, correct the PROPRIET member selection criteria (if the volume is not an OAM volume).

M0334 OAM VOLUME IS SCRATCH

Reason: A volume that was identified as an OAM volume contains no active objects or backup objects, and therefore does not need to be processed.

Action: No user action is required. This is an informational rejection message.

M0335 OAM VOLUME IS NOT MARKED FULL

Reason: The OAM-SELECT-NON-FULL-TAPES parameter was set to "NO" and the specified tape was not marked full in the OAM TAPEVOL table.

Action: To allow the selection of non-full OAM tapes, change the setting of OAM-SELECT-NON-FULL-TAPES to "YES".

M0336 OUTPUT OAM DATA SET IS ON MORE THAN ONE VOLUME

Reason: This message is issued when an output tape of a MOVE or VDR recovery occupies more than one volume due to the size of the input input dataset. Due to limitations in OAM, this is a case that cannot be accommodated.

Action: Ensure that the output tape volumes have at least as much capacity as the input tape volumes.

M0337 CANNOT RECYCLE; OTHER FILES HAVE BEEN REJECTED FOR BKP VSR: xxxxxx

Reason: A dataset which was a potential candidate for the VDR Recycle process was rejected due to other datasets having been rejected for the same backup volser identified as: xxxxxx.

Action: The user may wish to review the remaining entries in the rejection report to determine which dataset caused this rejection and to take corrective action if required.

M0338 SUPPORT FOR OAM DATASETS NOT LICENSED

- Reason: An OAM candidate dataset was selected but while checking the TapeCopy license, it was determined that OAM is not licensed on the system where the TapeCopy job was run.
- Action: The OAM dataset is rejected. If you believe that you are licensed to process OAM datasets, contact Open Tech Support. Please have all job input and output available along with your current AUTHCODE parmlib member contents.

M0339 FOUND DUPLICATE DSN VOLSER AND FSEQ#, DUP REC DROPPED

- Reason: The VDR Standalone Recycle process was run and it was determined that the same file existed on multiple backup files.
- Action: The file on backup volume, the highest utilization and file count, is selected and the duplicates are dropped. If you believe that you received this rejection message in error, contact Open Tech Support. Please have all job input and output available.

M0343 DUAL COPY OF GENERIC-EDM DATASET REQUIRES AUTO NEWNAMING

- Reason: An attempt to create a VDR copy of a GENERIC-EDM dataset was rejected due the PERFORM-NEWNAME-PROCESSING parameter being set to a value other than AUTO.
- Action: Correct the PERFORM-NEWNAME-PROCESSING parameter value and resubmit the failing job. If you believe that you received this rejection message in error, contact OpenTech Support. Please have all job input and output information available.

M0344 INPUT AND OUTPUT GENERIC-EDM DATASETS HAVE DIFFERENT VOLUME COUNTS

- Reason: While attempting to process a dataset as part of a VDR/RECOVERY or DATA-COPY-FUNCTION: MOVE request, it was determined that the dataset being processed had different input and output volume counts.
- Action: The affected volume is rejected. If you believe that you received this rejection message in error, contact OpenTech Support. Please have all job input and output information available.

M0345 GENERIC-EDM DATASETS MUST BE SINGLE FILE SINGLE VOLUME

- Reason: To process a GENERIC-EDM dataset, it must be the only dataset on the selected volume and there can be no more than one volume in the volume set.
- Action: If you believe that you received this rejection message in error, contact OpenTech Support. Please have all job input and output information available.

M0346 DUALCOPY BACKUP STACK CONTROL FILE

- Reason: The VDR Backup file was rejected by recovery processing because it is a stack control file and therefore would not have a matching original file.
- Action: None required. This rejection message is just informational.

M0347 DATASET NAME IS NOT VALID FOR FDRABARS

- Reason: The VDR Backup file was rejected by recovery processing because when the FDRABARS EDM was called, it was determined that the dataset listed in this message was not a valid FDRABARS dataset.
- Action: If you believe that you received this rejection message in error, contact OpenTech Support. Please have all job input and output information available.

M0348 CALL TO EXTERNAL DATA MANAGER FOR VOLUMES: VVVVVV/VVVVVV FAILED

- Reason: During the call to the External Data Manager function (HSM, FDRABARS or Generic-EDM), a condition was encountered. The original volume and backup volumes being processed replace the VVVVVV/VVVVVV string in this message. In addition, one additional rejection message associated with this failure will precede this message.
- Action: Review the message that preceded this message and the contents of the report written to DDNAME: RECVYRPT to determine the underlying failure reason. Correct the failure and rerun the failing job. If you are unable to determine the failure reason or you believe that you received this rejection message in error, contact OpenTech Support. Please have all job input and output information available.

