

SMP/E for z/OS



Messages, Codes, and Diagnosis

Note

Before using this information and the product it supports, read the information in "Notices" on page 531.

This edition applies to IBM SMP/E for z/OS, V3R6 (program number 5655-G44) and to all subsequent releases and modifications until otherwise indicated in new editions.

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About this document

Use this publication when:

- You need information about an SMP/E message or return code. This publication will help you (1) identify the SMP/E message or return code, (2) understand the action taken by the system, and (3) respond to the message or return code as needed.
- You suspect a problem with SMP/E. This publication will assist you in searching for a solution and, if necessary, reporting the problem to the IBM® Support Center.

How to use this publication

To interpret an SMP/E message or code, see these chapters:

- **Chapter 1, “SMP/E messages,” on page 1.** This chapter lists the SMP/E diagnostic messages (prefix GIM) along with the system action and your required response. Messages appear alphanumerically.
- **Chapter 2, “SMP/E return codes,” on page 485.** This chapter lists return codes according to the command, interprets the return codes, and lists possible error conditions. In addition, except for the LOG command, each section outlines instructions for error recovery.

To diagnose an SMP/E problem, see:

- **Chapter 3, “Diagnosing SMP/E problems,” on page 503.** This chapter contains procedures for determining whether you can solve a suspected SMP/E problem and, if not, for gathering the information needed to report the problem to IBM.

The pages in the messages chapters have running heads to help you find messages more quickly. The running head corresponds to the first and last messages included on the page.

Notations used in this publication

- Abbreviations used in this publication are:

DLIB Distribution library

PTF Program temporary fix

SMP/E

System Modification Program Extended

- Messages appear in all uppercase letters. The following symbols may appear:

' Apostrophe

* Asterisk

Blank

,

Comma

= Equal sign

() Parentheses

. Period

- *Italic* character strings represent variables. For example, *modname* is a variable. However, each message SMP/E generates has a specific value (for example, MODA).

SMP/E publications

The IBM SMP/E for z/OS, V3R6 publications are available as PDF files on the z/OS® Internet Library at <http://www.ibm.com/servers/eserver/zseries/zos/bkserv/>.

Table 1 lists the IBM SMP/E for z/OS, V3R6 publications and briefly describes each one.

For information about z/OS publications and more information about the IBM SMP/E for z/OS, V3R6 books, see *z/OS Information Roadmap*.

Table 1. Publications for IBM SMP/E for z/OS, V3R6

| Title | Description |
|---|--|
| <i>SMP/E for z/OS Messages, Codes, and Diagnosis, GA32-0883</i> | Explains SMP/E messages and return codes and the actions to take for each; and how to handle suspected SMP/E problems. |
| <i>SMP/E for z/OS Commands, SA23-2275</i> | Explains SMP/E commands and processing in detail. |
| <i>SMP/E for z/OS Reference, SA23-2276</i> | Explains SMP/E modification control statements, data sets, exit routines, and programming interfaces in detail and provides additional SMP/E reference material. |
| <i>SMP/E for z/OS User's Guide, SA23-2277</i> | Describes how to use SMP/E to install programs and service. |

How to send your comments to IBM

We appreciate your input on this publication. Feel free to comment on the clarity, accuracy, and completeness of the information or provide any other feedback that you have.

Use one of the following methods to send your comments:

1. Send an email to mhvrcfs@us.ibm.com.
2. Send an email from the "Contact us" web page for z/OS (<http://www.ibm.com/systems/z/os/zos/webqs.html>).
3. Mail the comments to the following address:
IBM Corporation
Attention: MHVRCFS Reader Comments
Department H6MA, Building 707
2455 South Road
Poughkeepsie, NY 12601-5400
US
4. Fax the comments to us, as follows:
From the United States and Canada: 1+845+432-9405
From all other countries: Your international access code +1+845+432-9405

Include the following information:

- Your name and address.
- Your email address.
- Your telephone or fax number.
- The publication title and order number:
SMP/E Messages, Codes, and Diagnosis
GA32-0883-01
- The topic and page number that is related to your comment.
- The text of your comment.

When you send comments to IBM, you grant IBM a nonexclusive right to use or distribute the comments in any way appropriate without incurring any obligation to you.

IBM or any other organizations use the personal information that you supply to contact you only about the issues that you submit.

If you have a technical problem

Do not use the feedback methods that are listed for sending comments. Instead, take one of the following actions:

- Contact your IBM service representative.
- Call IBM technical support.
- Visit the IBM Support Portal at z/OS support page (<http://www.ibm.com/systems/z/support/>).

Summary of changes

This document contains terminology, maintenance, and editorial changes to improve consistency and retrievability. Technical changes or additions to the text and illustrations are indicated by a vertical line to the left of the change.

This section describes the release enhancements that were made.

Changes made in SMP/E Version 3 Release 6

This document contains information that was previously presented in *SMP/E Messages, Codes, and Diagnosis*, GA32-0883-00, which supports SMP/E Version 3 Release 6.

For GA32-0883-01

New message

- “GIM42802S” on page 202

This message was changed:

- “GIM69207S” on page 446

For GA32-0883-00

New messages

- GIM25602I
- GIM51001I
- GIM56501I

For GA22-7770-17

New messages

- GIM36600E
- GIM70518S
- GIM70524E
- GIM70525E
- GIM70562E
- GIM70563E
- GIM70564E
- GIM70565E
- GIM70566E
- GIM70567E
- GIM70568E
- GIM70569E
- GIM70587E
- GIM70588E

For GA22-7770-16

New messages

- GIM43502E
- GIM43502S
- GIM43503E
- GIM43503S
- GIM43504E
- GIM43504S
- GIM56301E
- GIM69235S
- GIM69236S
- GIM69237S
- GIM69238S
- GIM69239S
- GIM69240S
- GIM69241S
- GIM69242S
- GIM69243S
- GIM69244S
- GIM69245W
- GIM70505S
- GIM70510S
- GIM70511S
- GIM70512S
- GIM70513S
- GIM70514S
- GIM70515S
- GIM70516S
- GIM70517S
- GIM70518S
- GIM70520E
- GIM70521E
- GIM70522E
- GIM70523E
- GIM70524E
- GIM70525E
- GIM70530E
- GIM70531I
- GIM70531E
- GIM70532I
- GIM70532E
- GIM70533E
- GIM70534E
- GIM70535E
- GIM70536E
- GIM70537E

- GIM70538E
- GIM70539E
- GIM70540E
- GIM70541E
- GIM70542E
- GIM70543E
- GIM70544E
- GIM70544S
- GIM70545E
- GIM70546E
- GIM70547E
- GIM70548E
- GIM70549E
- GIM70550S
- GIM70552I
- GIM70560E
- GIM70561E
- GIM70562E
- GIM70563E
- GIM70564E
- GIM70565E
- GIM70566E
- GIM70570S
- GIM70580E
- GIM70581E
- GIM70582E
- GIM70583E
- GIM70584S
- GIM70585E
- GIM70586E

These messages were changed:

- GIM20501I
- GIM20702S
- GIM20703S
- GIM20704S
- GIM25101S
- GIM37100S
- GIM39203S
- GIM51611S
- GIM69016S

Changes made in SMP/E Version 3 Release 5

For GA22-7770-15

These messages were added:

- GIM20702S
- GIM20702T
- GIM20703S
- GIM20703T
- GIM20704S
- GIM20704T
- GIM39802E
- GIM65915E

The "Readers' Comments - We'd Like to Hear from You" section at the back of this publication has been replaced with a new section "How to send your comments to IBM" on page ix. The hardcopy mail-in form has been replaced with a page that provides information appropriate for submitting readers comments to IBM.

For GA22-7770-14

The following message was added:

- GIM44285I

For GA22-7770-13

These messages were added:

- GIM26316E
- GIM26316S
- GIM34401I
- GIM34401S
- GIM35973I
- GIM35974I
- GIM35975I
- GIM35976I
- GIM35977I
- GIM42001I
- GIM50811E
- GIM50811S
- GIM50812E
- GIM50812S
- GIM58902S
- GIM58903W
- GIM58904E
- GIM58905E
- GIM58906S
- GIM69224S
- GIM69225E

- GIM69227W
- GIM69228I
- GIM69229I
- GIM69230E
- GIM69231E
- GIM69232S
- GIM69233I
- GIM69234I

Changes made in SMP/E Version 3 Release 4

For GA22-7770-12

The following message was added:

- GIM41401W

These messages were changed:

- GIM22800S
- GIM26307E
- GIM26307S
- GIM26501W
- GIM44223I
- GIM45301E
- GIM50301S
- GIM52101E
- GIM54001E
- GIM56701E
- GIM58900S
- GIM69147S
- GIM69210S
- GIM69211S
- GIM693I
- GIM694I

For GA22-7770-11

The following message was added:

- GIM69226I

These messages were changed:

- GIM44336S
- GIM69148S
- GIM69160S
- GIM69188S
- GIM69192S
- GIM69193I
- GIM69198S
- GIM69207S

For GA22-7770-10

These messages were added:

- GIM35972I
- GIM50202E

For GA22-7770-09

Updates were made for APARs IO03469 and IO03647.

These messages were added:

- GIM47301E
- GIM69214W
- GIM69222S
- GIM69223I

These messages were changed:

- GIM47300E
- GIM49400E
- GIM69208S
- GIM69209S
- GIM69217I
- GIM69218I
- GIM69145W

For GA22-7770-08

The following message was added:

- GIM69221W

These messages were changed:

- GIM69208S
- GIM69209S
- GIM69217I
- GIM69218I
- GIM44336S

Chapter 1. SMP/E messages

This chapter explains the format of SMP/E messages and lists the SMP/E diagnostic messages in alphanumeric order.

Message format

SMP/E messages (except for WTO, WTP, and WTOR messages) are in the format GIMnnnnnv *yy text*. WTO, WTP, and WTOR messages are in the format GIMnnnnv *yy text*.

- *n...n* is the message number.
- *v* is the severity level, as follows:

| Severity Level | Return Code | Category | When Issued |
|----------------|-------------|---------------|---|
| I | 00 | Informational | <ul style="list-style-type: none">• To show stages of SMP/E processing.• To accompany other messages as an explanation for errors or unusual conditions. |
| W | 04 | Warning | <ul style="list-style-type: none">• Processing completed but SMP/E detected a possible error. Look at these messages to determine if SMP/E's action was appropriate. |
| E | 08 | Error | <ul style="list-style-type: none">• SMP/E processing did not complete properly. At least one SYSMOD failed. For example, when APPLY processing of a SYSMOD stops, this is an error, and SMP/E issues a return code of at least 8. |
| S | 12 | Severe | <ul style="list-style-type: none">• An entire SMP/E command failed. For example, when APPLY processing stops because of insufficient storage, SMP/E issues a return code of 12. |
| T | 16 | Terminating | <ul style="list-style-type: none">• A situation occurred that forced SMP/E processing to stop. |
| T | 20 | Terminating | <ul style="list-style-type: none">• An internal SMP/E error caused SMP/E processing to stop. For example, there may be an interface problem between SMP/E modules or a data error on the SMPCSI data set. |

SMP/E sets the severity level of a message and the return code at the same time. If a message does not cause SMP/E to set a return code, the severity level of that message is *I*.

- *yy* is the severity highlighting code, as follows:
Blanks Severity I and W messages
****** Severity E, S, and T messages

Note: The *yy* value is not shown in this manual because it varies from message to message.

- *text* is the message text.

Diagnostic messages

GIM000T MESSAGE MODULE *modname* COULD NOT BE LOADED. SMP/E PROCESSING IS STOPPED.
ABEND CODE: *abncode* REASON CODE: *rsncode*

Explanation:

modname

name of the SMP/E message module

abncode 4-character system abend code

rsncode 2-character system reason code.

The SMP/E message module was not loaded. Possible reasons include:

- The LANGUAGE value on the GIMSMP EXEC statement was specified incorrectly, or specified an unsupported language. Therefore, no corresponding message module could be found.
- The indicated message module was not found in a link list library.

System action: SMP/E processing stops.

Programmer response: Verify that the LANGUAGE value on the GIMSMP EXEC statement is specified correctly, and that the language is supported by SMP/E.

Check that the message module was actually installed in the target library when SMP/E was installed.

See *z/OS MVS System Codes* for an explanation of the system abend and reason codes.

GIM00001T MODULE GIMKXENU COULD NOT BE LOADED. SMP/E PROCESSING IS STOPPED. ABEND
CODE: *abncode* REASON CODE: *rsncode*.

Explanation:

abncode 4-character system abend code

rsncode 2-character system reason code.

The SMP/E constants module, GIMKXENU, was not loaded. Possible reasons include:

- The LANGUAGE value on the GIMSMP EXEC statement was specified incorrectly, or specified an unsupported language. Therefore, no corresponding report module could be found.
- GIMKXENU was not found in a link list library.

System action: SMP/E processing stops.

Programmer response: Check that GIMKXENU was actually installed in the target library when SMP/E was installed.

See *z/OS MVS System Codes* for an explanation of the system abend and reason codes.

GIM00002W THE CAUSER SYSMOD SUMMARY REPORT WILL NOT CONTAIN POSSIBLE CAUSE TEXT
BECAUSE MODULE GIMPCENU WAS NOT LOADED.

Explanation: The load module, GIMPCENU, that is needed to produce possible cause text in the Causer SYSMOD Summary Report was not loaded. As a result, the information provided by that load module will not appear in the report.

Possible reason includes: GIMPCENU was not found in a link list library.

System action: Processing continues.

Programmer response: Check to see if GIMPCENU was actually installed in the target library when SMP/E was installed.

GIM20101I *proctype* PROCESSING FAILED FOR THE *ddname* LIBRARY.**Explanation:***proctype*

OPEN or CLOSE

ddname ddname of the library being processed**System action:** The messages that follow show the action SMP/E takes.**Programmer response:** If OPEN failed, check for the following:

- A missing DD statement
- An incorrect data set name

Before running the job in the future, you may want to fix this problem.

GIM20101W *proctype* PROCESSING FAILED FOR THE *ddname* LIBRARY.**Explanation:***proctype*

OPEN or CLOSE

ddname ddname of the library being processed**System action:** The messages that follow show the action SMP/E takes.**Programmer response:** If OPEN failed, check for the following:

- A missing DD statement
- An incorrect data set name

If necessary, fix this problem and rerun the job.

GIM20101E *proctype* PROCESSING FAILED FOR THE *ddname* LIBRARY.**Explanation:***proctype*

OPEN or CLOSE

ddname ddname of the library being processed**System action:** The messages that follow show the action SMP/E takes.**Programmer response:** Do **one** of the following:

- If OPEN failed, check for the following:
 - A missing DD statement
 - An incorrect data set name

Fix the problem and rerun the job.

- If CLOSE failed, rerun the job. If CLOSE continues to fail, SMP/E needs data set maintenance.

GIM20101S *proctype* PROCESSING FAILED FOR THE *ddname* LIBRARY.**Explanation:***proctype*

OPEN, CLOSE, or RDJFCB

ddname ddname of the library being processed**System action:** The messages that follow show the action SMP/E takes.**Programmer response:** Do **one** of the following:

- If OPEN failed, check for the following:
 - A missing DD statement
 - An incorrect data set name

Fix the problem and rerun the job.

- If CLOSE failed, rerun the job. If CLOSE continues to fail, SMP/E needs data set maintenance.

GIM20101T • GIM20201T

- If RDJFCB failed, rerun the job. If RDJFCB continues to fail, contact the IBM Support Center.

GIM20101T *proctype* PROCESSING FAILED FOR THE *ddname* LIBRARY.

Explanation:

proctype

OPEN or CLOSE

ddname ddname of the library being processed

System action: The messages that follow show the action SMP/E takes.

Programmer response: Do **one** of the following:

- If OPEN failed, check for the following:
 - A missing DD statement
 - An incorrect data set name

Fix the problem and rerun the job.

- If CLOSE failed, rerun the job. If CLOSE continues to fail, SMP/E needs data set maintenance.

GIM20201W SMP/E COULD NOT OBTAIN ENOUGH STORAGE FOR PROCESSING.

Explanation: SMP/E could not allocate internal tables because of insufficient storage.

System action: The messages that follow in the output listing show SMP/E's actions.

Programmer response: If necessary, do **one** of the following, then rerun the job:

- Increase the REGION parameter on the EXEC statement.
- Decrease the number of SYSMODs that SMP/E is processing in this run.
- Decrease the PEMAX value in the OPTIONS entry being used.

GIM20201E SMP/E COULD NOT OBTAIN ENOUGH STORAGE FOR PROCESSING.

Explanation: SMP/E could not allocate internal tables because of insufficient storage.

System action: The messages that follow in the output listing show SMP/E's actions.

Programmer response: Do **one** of the following:

- Increase the REGION parameter on the EXEC statement.
- Decrease the number of SYSMODs that SMP/E is processing in this run.
- Decrease the PEMAX value in the OPTIONS entry being used.

Rerun the job.

GIM20201S SMP/E COULD NOT OBTAIN ENOUGH STORAGE FOR PROCESSING.

Explanation: SMP/E could not allocate internal tables because of insufficient storage.

System action: The messages that follow in the output listing show SMP/E's actions.

Programmer response: Do **one** of the following:

- Increase the REGION parameter on the EXEC statement.
- Decrease the number of SYSMODs that SMP/E is processing in this run.
- Decrease the PEMAX value in the OPTIONS entry being used.

Rerun the job.

GIM20201T SMP/E COULD NOT OBTAIN ENOUGH STORAGE FOR PROCESSING.

Explanation: SMP/E could not allocate internal tables because of insufficient storage.

System action: The messages that follow in the output listing show SMP/E's actions.

Programmer response: Do **one** of the following:

- Increase the REGION parameter on the EXEC statement.

- Decrease the number of SYSMODs that SMP/E is processing in this run.
- Decrease the PEMAX value in the OPTIONS entry being used.

Rerun the job.

GIM20202I *obtfixd* TOTAL BYTES ARE RESERVED FOR ICT FIXED DATA, OF WHICH, *usedfixd* BYTES ARE USED. *obtvard* TOTAL BYTES ARE RESERVED FOR ICT VARIABLE DATA, OF WHICH, *usedvard* BYTES ARE USED.

Explanation:

obtfixd amount of storage obtained for the ICT fixed data

usedfixd amount of storage used for the ICT fixed data

obtvard

amount of storage obtained for the ICT variable data

usedvard

amount of storage used for the ICT variable data

SMP/E could not allocate internal tables because of insufficient storage.

System action: The messages that follow in the output listing show the actions taken by SMP/E.

Programmer response: For the APPLY, ACCEPT, or RESTORE commands, check if the amount of storage used for the ICT fixed data area (*usedfixd*) is approximately 64MB. If it is, decrease the number of SYSMODs that SMP/E is processing in the run. Otherwise, do one or more of the following:

- Increase the REGION parameter on the EXEC statement
- Decrease the number of SYSMODs that SMP/E is processing in this run
- Decrease the PEMAX value in the OPTIONS entry being used.

For the LINK MODULE command, do one or more of the following:

- Increase the REGION parameter on the EXEC statement
- Decrease the PEMAX value in the OPTIONS entry being used

Rerun the job. If storage is still insufficient, contact the IBM Support Center.

GIM20301S THERE IS A SYNTAX ERROR IN THE COMMAND AT COLUMN *colnum*.

Explanation:

colnum 2-digit column number

SMP/E found a syntax error at the specified column in the command being processed. This message is immediately preceded by the line with the syntax error.

Note: SMP/E checks only columns 1 through 72. If data, such as a period, is specified beyond column 72, SMP/E ignores it and indicates an error in the statement after the one containing that data.

System action: Command processing stops.

Programmer response: Check the operands specified on the command. Correct the error and rerun the job.

GIM20301T THERE IS A SYNTAX ERROR IN THE COMMAND AT COLUMN *colnum*.

Explanation:

colnum 2-digit column number

SMP/E found a syntax error at the specified column in the command being processed. This message is immediately preceded by the line with the syntax error.

Note: SMP/E checks only columns 1 through 72. If data, such as a period, is specified beyond column 72, SMP/E ignores it and indicates an error in the statement after the one containing that data.

System action: SMP/E processing stops.

Programmer response: Check the operands specified on the command. Correct the error and rerun the job.

GIM20302S THERE IS A SYNTAX ERROR IN THE MCS AT COLUMN *colnum*.

Explanation:

colnum 2-digit column number

SMP/E found a syntax error at the specified column in the modification control statement (MCS) being processed. This message is immediately preceded by the line with the syntax error.

Note: SMP/E checks only columns 1 through 72. If data, such as a period, is specified beyond column 72, SMP/E ignores it and indicates an error in the statement after the one containing that data.

System action: SYSMOD processing stops.

Programmer response: Check the operands specified on the MCS. Correct the error and rerun the job.

GIM20303E THERE IS A SYNTAX ERROR IN THE UCL STATEMENT AT COLUMN *colnum*.

Explanation:

colnum 2-digit column number

SMP/E found a syntax error at the specified column in the UCL statement being processed.

Note: SMP/E checks only columns 1 through 72. If data, such as a period, is specified beyond column 72, SMP/E ignores it and indicates an error in the statement after the one containing that data.

System action: SMP/E ignores the UCL statement. Processing continues with the next UCL statement.

Programmer response: Check the operands specified on the UCL statement. Correct the error and rerun the job.

GIM20304E THERE IS A SYNTAX ERROR IN THE LINKAGE EDITOR INPUT STATEMENT.

Explanation: During JCLIN processing, SMP/E found a syntax error on a linkage editor input statement for the job step it is scanning.

System action: SMP/E stops scanning that job step. Scanning continues with the next job step.

Programmer response: Check the linkage editor input statement. Correct the error and rerun the job.

GIM20305E THERE IS A SYNTAX ERROR IN THE ASSEMBLER INPUT STATEMENT.

Explanation: During JCLIN processing, SMP/E found a syntax error on an assembler input statement for the job step it is scanning.

System action: SMP/E stops scanning that job step. Scanning continues with the next job step.

Programmer response: Check the assembler input statement. Correct the error and rerun the job.

GIM20306E THERE IS A SYNTAX ERROR IN THE COPY INPUT STATEMENT.

Explanation: During JCLIN processing, SMP/E found a syntax error on a copy input statement for the job step it is scanning.

System action: SMP/E stops scanning that job step. Scanning continues with the next job step.

Programmer response: Check the copy input statement. Correct the error and rerun the job.

GIM20307T THERE IS A SYNTAX ERROR IN THE EXEC PARM STATEMENT AT CHARACTER *charpos*.

Explanation:

charpos character position within the PARM value

SMP/E found a syntax error at the indicated character position within the PARM value on the EXEC statement for an SMP/E program or service routine.

System action: SMP/E processing stops.

Programmer response: Check the parameters specified on the EXEC statement. Correct the error and rerun the job.

GIM20308E THERE IS A SYNTAX ERROR IN THE ZONEEDIT CHANGE STATEMENT AT COLUMN *colnum*.

Explanation:

colnum 2-digit column number

SMP/E found a syntax error at the indicated column on a ZONEEDIT CHANGE statement.

Note: SMP/E checks only columns 1 through 72. If data, such as a period, is specified beyond column 72, SMP/E ignores it and indicates an error in the statement after the one containing that data.

System action: Command processing stops.

Programmer response: Check the operands specified on the CHANGE statement. Correct the error and rerun the job.

GIM20308S THERE IS A SYNTAX ERROR IN THE ZONEEDIT CHANGE STATEMENT AT COLUMN *colnum*.

Explanation:

colnum 2-digit column number

SMP/E found a syntax error at the indicated column on a ZONEEDIT CHANGE statement.

Note: SMP/E checks only columns 1 through 72. If data, such as a period, is specified beyond column 72, SMP/E ignores it and indicates an error in the statement after the one containing that data.

System action: Command processing stops.

Programmer response: Check the operands specified on the CHANGE statement. Correct the error and rerun the job.

GIM20309W THERE IS A SYNTAX ERROR IN OPCODE MEMBER *memname* AT COLUMN *colnum*.

Explanation:

memname

name of a member in SMPPARM

colnum column number

During JCLIN processing, SMP/E found a syntax error at the indicated column in the OPCODE member being used.

Note: SMP/E checks only columns 1 through 72. If data, such as a period, is specified beyond column 72, SMP/E ignores it and indicates an error in the statement after the one containing that data.

System action: JCLIN processing continues with the next job step.

Programmer response: Check the parameters specified on the SMPPARM statement. Correct the error and rerun the job.

GIM20310E THERE IS A DOUBLE-BYTE CHARACTER SYNTAX ERROR IN THE *command* INPUT.

Explanation:

command

SMP/E command containing the error

The indicated input contained double-byte characters. However, the shift-in and shift-out characters created by the input device are not in the format expected by SMP/E. When double-byte characters are used, a shift-out character, X'0E', must precede the first double-byte character, and a shift-in character, X'0F', must follow the last one. There may have been an extra shift-in or shift-out character, or a required shift-in or shift-out character may have been missing.

System action: SYSMOD processing stops.

Programmer response: Reenter the input and rerun the job. If the error occurs again, there may be a problem with the input device you are using. Contact your hardware support group for help in solving this problem.

GIM20310S THERE IS A DOUBLE-BYTE CHARACTER SYNTAX ERROR IN THE *command* INPUT.

Explanation:

command

SMP/E command containing the error

The indicated input contained double-byte characters. However, the shift-in and shift-out characters created by the input device are not in the format expected by SMP/E. When double-byte characters are used, a shift-out character, X'0E', must precede the first double-byte character, and a shift-in character, X'0F', must follow the last one. There may have been an extra shift-in or shift-out character, or a required shift-in or shift-out character may have been missing.

System action: Command processing stops.

Programmer response: Reenter the input and rerun the job. If the error occurs again, there may be a problem with the input device you are using. Contact your hardware support group for help in solving this problem.

GIM20311E THERE IS A SYNTAX ERROR IN THE CONTROL STATEMENT AT COLUMN *colnum*.

Explanation:

colnum column number

SMP/E found a syntax error at the specified column in the command or MCS statement being processed. This message is immediately preceded by the line with the syntax error.

Note: SMP/E checks only columns 1 through 72. If data, such as a period, is specified beyond column 72, SMP/E ignores it and indicates an error in the statement after the one containing that data.

System action: SYSMOD processing stops.

Programmer response: Check the operands specified on the command or MCS statement. Correct the error and rerun the job.

GIM20311S THERE IS A SYNTAX ERROR IN THE CONTROL STATEMENT AT COLUMN *colnum*.

Explanation:

colnum column number

SMP/E found a syntax error at the specified column in the command, control statement, or MCS statement being processed. This message is immediately preceded by the line with the syntax error.

Note: SMP/E checks only columns 1 through 72. If data, such as a period, is specified beyond column 72, SMP/E ignores it and indicates an error in the statement after the one containing that data.

System action: Command processing stops.

Programmer response: Check the operands specified on the command, control statement, or MCS statement. Correct the error and rerun the job.

GIM20312E THERE IS A SYNTAX ERROR IN THE JCLIN CONTROL STATEMENT AT COLUMN *colnum*.

Explanation:

colnum column number

During JCLIN processing, SMP/E found a syntax error on a JCLIN control statement (/*SMPE-IF, /*SMPE-ELSE, or /*SMPE-END) at the indicated column.

System action: JCLIN processing fails for the current JCLIN input stream.

Programmer response: Correct the error and rerun the SMP/E command.

GIM20313S THERE IS A SYNTAX ERROR IN THE CONTROL STATEMENT FROM DD STATEMENT *ddstmnt* AT COLUMN *colnum*.

Explanation:

ddstmnt ddname or DDDEF name
colnum 2-digit column number

There is a syntax error at the specified column in the data set associated with the identified ddname or DDDEF. This message is immediately preceded by the line with the syntax error.

System action: Processing stops.

Programmer response: Check the syntax of the control statements. Correct the error and rerun the job.

GIM20314S THERE IS A SYNTAX ERROR IN PACKAGE ATTRIBUTE FILE *pafname* AT COLUMN *colnum*.

Explanation:

pafname name of the package attribute file. If this name exceeds 300 characters in length, only the first 300 characters will appear in this message.
colnum column number

There is a syntax error at the specified column in the package attribute file. This message is immediately preceded by the line with the syntax error.

System action: Processing stops.

Programmer response: Check that the correct package file has been specified in your SERVER data set. If the package file specification is correct, contact the supplier of the package.

GIM20315S THERE IS A SYNTAX ERROR IN SMPPARM MEMBER *member* AT COLUMN *number*.

Explanation:

member SMPPARM data set member name (GIMDDALC or GIMEXITS)
number column number

SMP/E found a syntax error at the specified column in a control statement within the SMPPARM member being processed. This message is immediately preceded by the line with the syntax error.

Note: SMP/E checks only columns 1 through 72. If any data is specified beyond column 72, SMP/E ignores it and indicates an error in the statement following the one containing the error.

System action: Command processing stops.

Programmer response: Check the operands specified on the control statement (see *SMP/E for z/OS Reference*. for syntax details). Correct the error and rerun the job.

GIM20397E REPORT CALLLIBS PROCESSING FAILED FOR ZONE *zonename* BECAUSE THE SMPLTS DATA SET ASSOCIATED WITH ZONE *zonename* HAS BEEN UPDATED BY A HIGHER LEVEL OF SMP/E SO THAT IT NO LONGER CONTAINS THE BASE VERSIONS OF ALL LOAD MODULES WITH CALLLIBS. RERUN THE JOB USING THE LINK LMODS CALLLIBS COMMAND IN SMP/E VERSION 3 RELEASE 2 OR HIGHER.

Explanation:

zonename
 zone name

The indicated zone could not be processed because its associated SMPLTS data set has been updated by a higher level of SMP/E. The SMPLTS data set no longer contains the base versions of load modules containing CALLLIBS subentries.

System action: Command processing continues with the next zone.

Programmer response: Rerun the job using SMP/E Version 3 Release 2 or higher. You will need to use the LINK

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LMODS CALLLIBS command since the REPORT CALLLIBS command is not supported in SMP/E Version 3 Release 2 or higher.

GIM20398S *command* **PROCESSING FAILED BECAUSE THE SMPLTS DATA SET HAS BEEN UPDATED BY A HIGHER LEVEL OF SMP/E SO THAT IT NO LONGER CONTAINS THE BASE VERSIONS OF ALL LOAD MODULES WITH CALLLIBS. RERUN THE JOB USING SMP/E VERSION 3 RELEASE 2 OR HIGHER.**

Explanation:

command

an SMP/E command

Command processing failed because the SMPLTS data set has been updated by a higher level of SMP/E. The SMPLTS data set no longer contains the base versions of load modules containing CALLLIBS subentries.

System action: Command processing stops.

Programmer response: Rerun the job using SMP/E Version 3 Release 2 or higher. If the command is REPORT CALLLIBS, you need to use the LINK LMODS command instead when you rerun the job using SMP/E Version 3 Release 2 or higher.

GIM20399S *command* **PROCESSING FAILED BECAUSE SMPPTS SPILL DATA SETS ARE DEFINED. SPILL DATA SETS ARE SUPPORTED WITH APAR IR42960 on OS/390 RELEASE 5 AND HIGHER.**

Explanation:

command

an SMP/E command

Command processing failed because SMPPTS spill data sets are defined. SMP/E detected a JCL DD statement or DDDEF entry for the first spill data set, SMPPTS1. SMPPTS spill data can only be processed by the following

- OS/390® releases 5 and 6 with PTF UR52517. UR52517 includes APAR IR42960.
- OS/390 releases 7, 8, 9, and 10 with PTF UR52518. UR52518 includes APAR IR42960.
- z/OS release 1 with PTF UR52518 or z/OS release 2 or higher.
- SMP/E Version 3.

System action: Command processing stops.

Programmer response: Do any of the following:

- If possible, move all the members from the SMPPTS spill data sets to the primary SMPPTS data set. Then remove the JCL DD statement or DDDEF entry for SMPPTS1 and rerun the job.
- If all members from the SMPPTS spill data sets cannot fit in the primary SMPPTS data set, you may want to reduce the number of SYSMODs being saved in the SMPPTS and its spill data set, using a release of SMP/E that supports SMPPTS spill data sets, before attempting to move all members into the primary SMPPTS data set. The number of SYSMODs in the SMPPTS and its spill data sets can be reduced by doing a REJECT or by accepting SYSMODs which have already been applied.
- If it is impossible to fit all SYSMODs in a single SMPPTS data set, you need to use a level of SMP/E that supports spill data sets before the failing command can be processed.

GIM20400E **THE DDNAME SPECIFIED BY THE *operand* OPERAND OF THE *command* COMMAND COULD NOT BE ALLOCATED. A JCL COMMENT WILL BE GENERATED EACH TIME A *jclstmt* IS REQUIRED.**

Explanation:

operand the command operand specifying a ddname that could not be allocated

command

SMP/E command being processed at the time of the failure

jclstmt the JCL statement that will be replaced by a comment in the generated JCL

SMP/E was unable to allocate a ddname specifying a data set that is needed for the generation of a JCL statement. An accompanying message indicates the reason SMP/E was unable to allocate the ddname.

System action: SMP/E generates a JCL comment in place of the JCL statement in the generated JCL. Command processing continues, but the output job will not run unless you fix the error.

Programmer response: Do **one** of the following:

- Use the information provided by the accompanying message to resolve the allocation failure, then rerun the command.
- Edit the JCL output to add the required JCL statement in place of the comment.

GIM20501I *command* PROCESSING IS COMPLETE. THE HIGHEST RETURN CODE WAS *rtncode*.

Explanation:

command

SMP/E command or program

rtncode the highest return code for the command or program being processed

If you were running the REJECT command, you will also see the following information:

REJECT STATISTICS

| | | | |
|--------------------------|-----------------|----------------------|-----------------|
| SYSMODS REJECTED | - <i>number</i> | SYSMODS NOT REJECTED | - <i>number</i> |
| FMIDS DELETED | - <i>number</i> | FMIDS NOT DELETED | - <i>number</i> |
| HOLDDATA DELETED | - <i>number</i> | | |
| FEATURE ENTRIES REJECTED | - <i>number</i> | | |
| PRODUCT ENTRIES REJECTED | - <i>number</i> | | |

SYSMODS REJECTED

is the number of SYSMODs that were rejected.

SYSMODS NOT REJECTED

is the number of SYSMODs that were candidates but were not rejected. The reason appears in the REJECT Summary Report.

FMIDS DELETED

is the numbers of FMIDs that were deleted. This includes FMIDs specified on the DELETEDFMID operand for NOFMID mode, or FMIDs that were deleted from the GLOBALZONE entry in other REJECT modes when functions were deleted.

FMIDS NOT DELETED

is the number of FMIDs specified on the DELETEDFMID operand that were not deleted.

HOLDDATA DELETED

is the number of HOLDDATA entries that were deleted.

FEATURE ENTRIES REJECTED

is the number of FEATURE entries that were rejected.

PRODUCT ENTRIES REJECTED

is the number of PRODUCT entries that were rejected.

System action: The return code determines the system action.

Programmer response: See the return codes for that command or program in Chapter 2, "SMP/E return codes," on page 485 to determine the success or failure of the command or program.

If you were running the REJECT command, you also got statistics. These statistics do not require any specific action unless one of the values is not what you expected. For example, if one of the values is a zero and you expected it to be greater than zero, you might want to check the REJECT Summary Report.

GIM20502I SMP/E PROCESSING IS COMPLETE. THE HIGHEST RETURN CODE WAS *rtncode*. SMP/E IS AT LEVEL *vr.ss*.

Explanation:

rtncode return code for the SMP/E job step.

vr.ss the level of SMP/E, in terms of version, release, and service level. For example, SMP/E 36.*nn* is V3R6.0 service level *nn*.

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SMP/E processing completed with the indicated return code. The *vr.ss* variable indicates the level of SMP/E that is installed.

System action: The return code determines the system action.

Programmer response: No response is required.

GIM20503I UNKNOWN PROCESSING IS COMPLETE. THE HIGHEST RETURN CODE WAS *rtncode*.

Explanation:

rtncode return code for the processing that was done

SMP/E could not determine which command was being processed.

System action: The return code determines the system action.

Programmer response: Make sure that you have spelled the command correctly and have not included extra blanks in the command name. Then rerun the job.

GIM20550W *command* **COMMAND RESULTS MAY BE INCOMPLETE. UNSUPPORTED ENTRIES OR SUBENTRIES WERE FOUND IN** *zonetype* **ZONE** *zonename*. **THIS DATA IS SUPPORTED ONLY BY SMP/E VERSION** *ver* **RELEASE** *rel* **OR HIGHER.**

Explanation:

command

SMP/E command

zonetype

SMP/E zone type

zonename

zone name

ver

SMP/E version

rel

SMP/E release

SMP/E found entries or subentries created by a later level of SMP/E. The current level of SMP/E does not know how to properly handle the new information and therefore command results may be incomplete.

System action: Processing continues.

Programmer response: Nothing needs to be done, but you should consider migrating to the specified level of SMP/E.

GIM20551S *command* **COMMAND PROCESSING FAILED. UNSUPPORTED ENTRIES OR SUBENTRIES WERE FOUND IN** *zonetype* **ZONE** *zonename*. **THIS DATA IS SUPPORTED ONLY BY SMP/E VERSION** *ver* **RELEASE** *rel* **OR HIGHER.**

Explanation:

command

SMP/E command

zonetype

SMP/E zone type

zonename

Zone name

ver

SMP/E version

rel

SMP/E release

SMP/E found entries or subentries created by a later level of SMP/E. The current level of SMP/E does not know how to properly handle the new information and therefore SMP/E command processing is being failed to prevent possible problems in the zone.

System action: Command processing ends.

Programmer response: Re-run the command using the specified SMP/E level or higher.

GIM20555S *command* **COMMAND PROCESSING FAILED. THE *zonename* ZONE WAS PREVIOUSLY UPDATED BY SMP/E VERSION *newversion* RELEASE *newrelease* AND CONTAINS INFORMATION NOT SUPPORTED BY THE CURRENT LEVEL OF SMP/E (VERSION *version* RELEASE *release*).**

Explanation:

command command being processed

zonename name of the current zone being processed

newversion the new version of SMP/E which updated the zone

newrelease the new release of SMP/E which updated the zone

version the version of SMP/E currently being executed

release the release of SMP/E currently being executed

Changes were made to the indicated zone or related data sets by a higher level of SMP/E. The command could not be run because the release of SMP/E being executed can not properly process the changes made by the higher level of SMP/E. Such changes are sometimes necessary to support new and improved capabilities in SMP/E. For example, a new type of element requires a new entry type in the zone, and new entry types are typically not understood nor processed correctly by prior levels of SMP/E that have not been specifically updated to do so.

System action: Command processing stops.

Programmer response: The command will not complete unless you take an action. You can do either of the following:

- Ensure that you have installed all the necessary migration and toleration PTFs for the release of SMP/E that you are executing. If any are missing, then install the necessary PTFs and rerun the command.
- Rerun the command using a higher level of SMP/E.

GIM20556S *command* **COMMAND PROCESSING FAILED. THE *zonename* ZONE WAS PREVIOUSLY UPDATED BY A HIGHER LEVEL OF SMP/E AND CONTAINS INFORMATION NOT SUPPORTED BY THE CURRENT LEVEL OF SMP/E (VERSION *version* RELEASE *release*).**

Explanation:

command command being processed

zonename name of the current zone being processed

version the version of SMP/E currently being executed

release the release of SMP/E currently being executed

Changes were made to the indicated zone or related data sets by a higher level of SMP/E. The command could not be run because the release of SMP/E being executed can not properly process the changes made by the higher level of SMP/E. Such changes are sometimes necessary to support new and improved capabilities in SMP/E. For example, a new type of element requires a new entry type in the zone, and new entry types are typically not understood nor processed correctly by prior levels of SMP/E that have not been specifically updated to do so.

System action: Command processing stops.

Programmer response: The command will not complete unless you take an action. You can do either of the following:

- Ensure that you have installed all the necessary migration and toleration PTFs for the release of SMP/E that you are executing. If any are missing, then install the necessary PTFs and rerun the command.
- Rerun the command using a higher level of SMP/E.

GIM20601E **SYSMOD PROCESSING STOPPED BECAUSE OF THE RETURN CODE ISSUED BY THE EXIT ROUTINE.**

Explanation: Because of the return code from an installation exit routine, SYSMOD processing stopped.

System action: The indicated processing stops.

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Programmer response: Find out why the exit routine ended the request. Check whether the exit routine issued the correct return code for this request.

GIM20601S *command* PROCESSING STOPPED BECAUSE OF THE RETURN CODE ISSUED BY THE EXIT ROUTINE.

Explanation:

command

SMP/E command

Because of the return code from an installation exit routine, processing stopped for the current command.

System action: The indicated processing stops.

Programmer response: Find out why the exit routine ended the request. Check whether the exit routine issued the correct return code for this request.

GIM20601T SMP/E PROCESSING STOPPED BECAUSE OF THE RETURN CODE ISSUED BY THE EXIT ROUTINE.

Explanation: Because of the return code from an installation exit routine, SMP/E processing stopped.

System action: The indicated processing stops.

Programmer response: Find out why the exit routine ended the request. Check whether the exit routine issued the correct return code for this request.

GIM20701S *command* PROCESSING STOPPED BECAUSE THE EXIT ROUTINE ISSUED AN UNDEFINED RETURN CODE (*rtncode*).

Explanation:

command

SMP/E command

rtncode return code issued by the exit routine

The installation exit routine issued an undefined return code.

System action: Processing for the current command stops.

Programmer response: Check the logic of the exit routine to make sure it returns only defined codes.

GIM20701T SMP/E PROCESSING STOPPED BECAUSE THE EXIT ROUTINE ISSUED AN UNDEFINED RETURN CODE (*rtncode*).

Explanation:

rtncode return code issued by the exit routine

The installation exit routine issued an undefined return code.

System action: SMP/E processing stops.

Programmer response: Check the logic of the exit routine to make sure it returns only defined codes.

GIM20702S *cmdsvc* PROCESSING FAILED. USER *userid* IS NOT AUTHORIZED TO INVOKE THE SMP/E COMMAND OR SERVICE ROUTINE.

Explanation:

cmdsvc SMP/E command or SMP/E service routine

userid userid under which the command or service was running

The identified user has attempted to run the specified SMP/E command or SMP/E service routine. The System Authorization Facility (SAF) has determined that the user is not authorized to run this command or service routine.

System action: For the GIMZIP, GIMUNZIP, GIMIAP and GIMADR service routines, processing stops. For an

SMP/E command, processing stops for that command, but continues with the next command in the SMP/CNTL stream.

Programmer response: If the identified user should be allowed to run the identified SMP/E command or service, refer to the chapter titled “Preparing to use SMP/E” in the *SMP/E for z/OS User’s Guide* for information related to authorizing use of SMP/E commands and services.

GIM20702T *cmdsvc* PROCESSING FAILED. USER *userid* IS NOT AUTHORIZED TO INVOKE THE SMP/E COMMAND OR SERVICE ROUTINE.

Explanation:

cmdsvc SMP/E command or SMP/E service routine
userid userid under which the command or service was running

The identified user has attempted to run the specified SMP/E command or SMP/E service routine. The System Authorization Facility (SAF) has determined that the user is not authorized to run this command or service routine.

System action: Processing stops.

Programmer response: If the identified user should be allowed to run the identified SMP/E command or service, refer to the chapter titled “Preparing to use SMP/E” in the *SMP/E for z/OS User’s Guide* for information related to authorizing use of SMP/E commands and services.

GIM20703S *cmdsvc* PROCESSING FAILED. THE COMMAND OR SERVICE ROUTINE IS NOT PROTECTED BY A SECURITY MANAGER.

Explanation:

cmdsvc SMP/E command or SMP/E service routine

The System Authorization Facility (SAF) has determined that the identified command or service routine is not protected by a security manager

System action: For the GIMZIP, GIMUNZIP, GIMIAP and GIMADR service routines, processing stops. For an SMP/E command, processing stops for that command, but continues with the next command in the SMP/CNTL stream.

Programmer response: Refer to the chapter titled “Preparing to use SMP/E” in the *SMP/E for z/OS User’s Guide* for information related to authorizing use of SMP/E commands and services.

GIM20703T *cmdsvc* PROCESSING FAILED. THE COMMAND OR SERVICE ROUTINE IS NOT PROTECTED BY A SECURITY MANAGER.

Explanation:

cmdsvc SMP/E command or SMP/E service routine

The System Authorization Facility (SAF) has determined that the identified command or service routine is not protected by a security manager.

System action: Processing stops.

Programmer response: Refer to the chapter titled “Preparing to use SMP/E” in the *SMP/E for z/OS User’s Guide* for information related to authorizing use of SMP/E commands and services.

GIM20704S *cmdsvc* PROCESSING FAILED. THE SYSTEM AUTHORIZATION FACILITY (SAF) WAS NOT ABLE TO DETERMINE WHETHER USER *userid* IS AUTHORIZED TO INVOKE THIS SMP/E COMMAND OR SERVICE ROUTINE. THE SAF RETURN CODE IS *safrc*. THE SECURITY MANAGER RETURN CODE IS *racfrc*. THE SECURITY MANAGER REASON CODE IS *racfrsn*.

Explanation:

cmdsvc SMP/E command or SMP/E service routine
userid userid under which the command or service was running
safrc SAF return code
racfrc security manager return code
racfrsn security manager reason code

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The identified user has attempted to run the specified SMP/E command or SMP/E service routine. The System Authorization Facility (SAF) was not able to determine whether this user is authorized to run the identified command or service routine.

System action: For the GIMZIP, GIMUNZIP, GIMIAP and GIMADR service routines, processing stops. For an SMP/E command, processing stops for that command, but continues with the next command in the SMP_CNTL stream.

Programmer response: Refer to the "Security Server RACROUTE Macro Reference" for further explanation of the return codes and reason codes resulting from the AUTH request type of the RACROUTE macro. See the chapter titled "Preparing to use SMP/E" in the *SMP/E for z/OS User's Guide* for information related to authorizing use of SMP/E commands and services.

GIM20704T *cmdsvc* PROCESSING FAILED. THE SYSTEM AUTHORIZATION FACILITY (SAF) WAS NOT ABLE TO DETERMINE WHETHER USER *userid* IS AUTHORIZED TO INVOKE THIS SMP/E COMMAND OR SERVICE ROUTINE. THE SAF RETURN CODE IS *safrc*. THE SECURITY MANAGER RETURN CODE IS *racfrc*. THE SECURITY MANAGER REASON CODE IS *racfrsn*.

Explanation:

cmdsvc SMP/E command or SMP/E service routine
userid userid under which the command or service was running
safrc SAF return code
racfrc security manager return code
racfrsn security manager reason code

The identified user has attempted to run the specified SMP/E command or SMP/E service routine. The System Authorization Facility (SAF) was not able to determine whether this user is authorized to run the identified command or service routine.

System action: Processing stops.

Programmer response: Refer to the "Security Server RACROUTE Macro Reference" for further explanation of the return codes and reason codes resulting from the AUTH request type of the RACROUTE macro. See the chapter titled "Preparing to use SMP/E" in the *SMP/E for z/OS User's Guide* for information related to authorizing use of SMP/E commands and services.

GIM20800E *command* PROCESSING FAILED FOR SYSMOD *sysmod* BECAUSE THE ++*mcsname* MCS WOULD CAUSE THE OWNERSHIP OF ELEMENT *element* TO CHANGE.

Explanation:

command APPLY or ACCEPT
sysmod SYSMOD ID
mcsname element update MCS
element element name

A SYSMOD containing an element update (++JARUPD, ++MACUPD, ++SRCUPD, or ++ZAP) attempted to change the ownership of the element with the ++VER VERSION operand. The ownership can be changed only if the SYSMOD provides a replacement for the element.

System action: SYSMOD processing stops.

Programmer response: Contact the packager of the SYSMOD.

GIM20900E SMP/E COULD NOT OBTAIN LINK-EDIT PARAMETERS FOR LOAD MODULE *loadmod* FOR SYSMOD *sysmod*. MEMBER *modname* WAS NOT FOUND IN *dataset* DATA SET *dsname* WHICH WAS ALLOCATED TO DDNAME *ddname*.

Explanation:

loadmod LMOD being linked
sysmod SYSMOD causing link-edit

modname

module name

dataset SMPTLIB or LKLIB

dsname data set name of SMPTLIB or LKLIB data set specified to contain the module

ddname ddname to which data set was allocated

SMP/E expected the indicated module to be in the specified LKLIB or SMPTLIB data set, but could not find it there.

System action: SYSMOD processing stops.

Programmer response: Determine why the module is not in the indicated data set. Correct the error and rerun the job.

GIM21000E SYSMOD *sysmod* WAS NOT RECEIVED BECAUSE MORE THAN ONE ARCHIVE FILE WAS FOUND AS A MATCH FOR RELFILE *relfile* IN THE *package* PACKAGE.

Explanation:

sysmod SYSMOD ID

relfile RELFILE name

package package id

An error occurred when the SMPTLIB data sets were being loaded for the indicated SYSMOD. The expected relfile name was found more than once in the GIMZIP package during either RECEIVE FROMNETWORK or RECEIVE FROMNTS command processing. It is possible that the packager created more than one dataset name for the same relfile with different high level qualifiers. SMP/E expects the last two parts of the data set name for a relative file to be "sysmod-id.Fnnnn". If the data set name contains high level qualifiers, SMP/E expects the data set name "rfdsnpfx.sysmod_id.Fnnnn" to exist in the GIMZIP package, where:

rfdsnpfx is the prefix supplied by the RFPREPIX operand on the header MCS statement that is being processed. This part of the data set name is optional. If no RFDSNPFIX value was specified, this prefix is not included in the data set name allocated by SMP/E.

sysmod_id

is the SYSMOD ID of the SYSMOD to which the file belongs. This part of the data set is required.

Fnnnn is the letter F followed by the number specified on the RELFILE operand of the corresponding MCS statement in the SYSMOD. This part of the data set name is required.

The relfile name was found more than once in the GIMZIP package. SMP/E will search the relfile names in the package for the required qualifiers (either "sysmod_id.Fnnnn" or "rfdsnpfx.sysmod_id.Fnnnn"). The qualifiers must be immediately before the trailing qualifiers "pax.Z", which are always present in the relfile names of the GIMZIP package. Qualifiers before the required qualifiers will be ignored.

For example, if GIMZIP processing encounters these two relfiles:

1. 'SERVERPAC.IBM.SYSMOD1.F1.pax.Z'
2. 'SERVERPAC.TWO.IBM.SYSMOD1.F1.pax.Z'

GIMZIP will ignore the "SERVERPAC." and "SERVERPAC.TWO." qualifiers on these data sets and therefore consider them to be duplicate data sets named "IBM.SYSMOD1.F1".

System action: SMP/E does not receive the SYSMOD. SMP/E deletes the SMPTLIB data sets associated with the SYSMOD.

Programmer response: The package is incorrect. Contact the provider of the package and inform them of the problem.

GIM21100E SYSMOD *sysmod* CONTAINS MORE THAN ONE ++RENAME STATEMENT WITH LMOD *loadmod*. THIS IS NOT ALLOWED.

Explanation:

sysmod SYSMOD ID

loadmod LMOD name

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The indicated SYSMOD contains more than one ++RENAME statement that specifies the same LMOD as either the current name or the new name (TONAME) of the load module. Here is an example, with two ++RENAME statements specifying LMODB:

```
++RENAME (LMODA) TONAME(LMODB).  
++RENAME (LMODB) TONAME(LMODC).
```

System action: SYSMOD processing stops.

Programmer response: Fix the SYSMOD so that it does not contain more than one ++RENAME statement with any given LMOD name. Then rerun the job.

GIM21200E THE NAME OF THE RELATED ZONE CANNOT BE GLOBAL.

Explanation: The RELATED subentry for the target or distribution zone was set to GLOBAL. This is invalid, because the name GLOBAL is reserved for the global zone.

System action: Command processing stops. Processing continues with the next command.

Programmer response: Change the value of the RELATED zone name from GLOBAL to the name of a target or distribution zone. Then resubmit the job.

GIM21200S THE NAME OF THE RELATED ZONE CANNOT BE GLOBAL.

Explanation: The RELATED operand for the ZONECOPY, ZONEIMPORT, or ZONERENAME command was set to GLOBAL. This is invalid, because the name GLOBAL is reserved for the global zone.

System action: Command processing stops.

Programmer response: Change the value of the RELATED zone name from GLOBAL to the name of a target or distribution zone. Then resubmit the job.

GIM21300W SYSMOD *sysmod1* CONTAINS MORE THAN ONE ++HOLD MCS FOR REASON ID *reasonid* WITH SYSMOD ID *sysmod2*. ONLY THE HOLDDATA FROM THE LAST ++HOLD WITH THIS REASON ID AND SYSMOD ID IS SAVED.

Explanation:

sysmod1

SYSMOD ID

reasonid system HOLD reason ID

sysmod2

SYSMOD ID

During RECEIVE processing, SMP/E encountered a SYSMOD containing inline ++HOLD statements. Two or more of these HOLDS were for the same reason ID and specified the same originating SYSMOD ID but had different comments. As SMP/E processes such inline ++HOLD statements, it overlays the previous one in the CSI. As a result, the CSI reflects only the last inline ++HOLD statement that was processed for the SYSMOD and does not indicate all the actions needed to resolve all the system HOLDS that were contained in the SYSMOD.

System action: Processing continues.

Programmer response: To see the inline ++HOLD statements that were overlaid, list the MCS entry for the SYSMOD. The output from this LIST command will help you determine what additional actions you need to take to resolve all the inline HOLDS for the SYSMOD.

GIM21401E *enttype* ENTRY *entname* COULD NOT BE STORED IN THE *library* LIBRARY.

Explanation:

enttype entry type

entname

entry name

library ddname of the library being processed

SMP/E cannot store the directory entry for this entry. A previous message in SMPOUT shows the reason.

System action: SYSMOD processing stops.

Programmer response: Find the cause of the error from the previous messages. Correct the error and rerun the job.

GIM21402W *enttype* ENTRY *entname* COULD NOT BE STORED IN THE *zonename* ZONE.

Explanation:

enttype entry type

entname

entry name

zonename

name of the zone being processed

SMP/E cannot store zone information for this entry. A previous message in SMPOUT shows the reason.

System action: Processing continues.

Programmer response: Find the cause of the error from the previous messages. If necessary, correct the error and rerun the job.

GIM21402E *enttype* ENTRY *entname* COULD NOT BE STORED IN THE *zonename* ZONE.

Explanation:

enttype entry type

entname

entry name

zonename

name of the zone being processed

SMP/E cannot store zone information for this entry. A previous message in SMPOUT shows the reason.

System action: SYSMOD processing stops.

Programmer response: Find the cause of the error from the previous messages. Correct the error and rerun the job.

GIM21402S *enttype* ENTRY *entname* COULD NOT BE STORED IN THE *zonename* ZONE.

Explanation:

enttype entry type

entname

entry name

zonename

name of the zone being processed

SMP/E cannot store zone information for this entry. A previous message in SMPOUT shows the reason.

System action: Command processing stops.

Programmer response: Find the cause of the error from the previous messages. Correct the error and rerun the job.

GIM21402T *enttype* ENTRY *entname* COULD NOT BE STORED IN THE *zonename* ZONE.

Explanation:

enttype entry type

entname

entry name

zonename

name of the zone being processed

SMP/E cannot store zone information for this entry. A previous message in SMPOUT shows the reason.

System action: SMP/E processing stops.

Programmer response: Find the cause of the error from the previous messages. Correct the error and rerun the job.

GIM21500W PREALLOCATED SMPTLIB DATA SET *smptlib* HAS A DSNTYPE OF *dsntype1*. THIS DIFFERS FROM THE DSNTYPE OF *dsntype2* FOR THE CORRESPONDING RELFILE DATA SET *relfile*.

Explanation:

smptlib the SMPTLIB data set name
dsntype1 the DSNTYPE (LIBRARY or PDS) of the SMPTLIB data set
dsntype2 the DSNTYPE (LIBRARY or PDS) of the RELFILE data set
relfile the RELFILE data set name

During RECEIVE processing, SMP/E found a preallocated SMPTLIB data set. However, the DSNTYPE of the preallocated data set does not match the DSNTYPE of its associated RELFILE data set.

System action: RECEIVE processing continues but if the RELFILE data set contains load modules or program objects, errors may occur when SMP/E tries to copy the RELFILE data set to the SMPTLIB data set.

Programmer response: If an error occurred during the copy to this SMPTLIB, do **one** of the following:

- Reallocate the SMPTLIB data set with the correct DSNTYPE.
- Delete the SMPTLIB data set and allow SMP/E to allocate it with the appropriate DSNTYPE.

Then rerun the RECEIVE command.

GIM21601E UPDATE PROCESSING FOR SYSMOD *sysmod* FAILED FOR MEMBER *elmname* IN THE *library* LIBRARY. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

sysmod SYSMOD ID
elmname element name
library ddname of the library being processed
rtncode return code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number

Update utility processing failed for the indicated element, which was part of SYSMOD *sysmod*. The utility sequence number matches the sequence number on the utility's SYSPRINT output.

System action: SYSMOD processing stops if:

- The return code is greater than the return code you specified.
- The return code is greater than the default return code.

Programmer response:

- Look at the output to find the cause of the error. You can use the utility sequence number as an index into the SYSPRINT output to find the error. The number is incremented for each utility call in an SMP/E run.

Note: If you did not get any utility output, check the value specified for the PRINT subentry in the UTILITY entry. This ddname is used for the SYSPRINT data set. Here are some typical reasons for not getting any utility output:

- The PRINT subentry specifies a DDDEF of DUMMY.
- The PRINT subentry specifies a data set that is sent to a SYSOUT class that suppresses output.
- If IEBUPDTE error message **MEMBER NAME NOT FOUND** was also issued, be sure that the element exists in the distribution or target library (DISTLIB or SYSLIB) shown in the element entry or the element MCS.

Correct the error and rerun the job.

GIM21602I UPDATE PROCESSING FOR SYSMOD *sysmod* WAS SUCCESSFUL FOR MEMBER *elmname* IN THE *library* LIBRARY. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

sysmod SYSMOD ID
elmname element name
library ddname of the library being processed
rtncode return code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number

Update utility processing was successful for the indicated element, which was part of SYSMOD *sysmod*. The utility sequence number matches the sequence number on the utility's SYSPRINT output.

System action: Processing continues, as shown by the messages that follow in SMPOUT.

Programmer response: None.

GIM21602W UPDATE PROCESSING FOR SYSMOD *sysmod* WAS SUCCESSFUL FOR MEMBER *elmname* IN THE *library* LIBRARY. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

sysmod SYSMOD ID
elmname element name
library ddname of the library being processed
rtncode return code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number

Update utility processing was successful for the indicated element, which was part of SYSMOD *sysmod*. The utility sequence number matches the sequence number on the utility's SYSPRINT output.

System action: Processing continues, as shown by the messages that follow in SMPOUT.

Programmer response: None.

GIM21603E UPDATE PROCESSING FOR SYSMOD *sysmod* FAILED FOR MEMBER *member* IN THE *library* LIBRARY. ABEND *abncode* OCCURRED WHILE PROCESSING *library*. THE *library* LIBRARY RAN OUT OF SPACE. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

sysmod SYSMOD ID
member member (element) name
library ddname of the library
abncode abend code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number

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Update processing failed for the indicated element (member).

System action: SYSMOD processing stops for the indicated SYSMOD.

Programmer response: Increase the size of the indicated library and rerun the job.

GIM21700W SMP/E COULD NOT DETERMINE THE DSNTYPE OF RELFILE DATA SET *relfile*.

Explanation:

relfile the RELFILE data set name

During RECEIVE processing, SMP/E could not determine the DSNTYPE of the indicated RELFILE data set. SMP/E uses the DSNTYPE of the RELFILE data set when allocating its corresponding SMPTLIB data set. Because the DSNTYPE of the RELFILE data set is unknown, SMP/E uses the DSNTYPE specified in the SMPTLIB DDDEF, if one is specified, when allocating the SMPTLIB data set. If a DSNTYPE is not specified on the SMPTLIB DDDEF, SMP/E does not specify a DSNTYPE for the SMPTLIB allocation.

System action: RECEIVE processing continues but if the RELFILE data set contains load modules or program objects, and the DSNTYPES of the RELFILE data set and the SMPTLIB data set do not match, errors may occur when SMP/E tries to copy the RELFILE data set to the SMPTLIB data set.

Programmer response: If an error occurred during the copy to this SMPTLIB, preallocate the SMPTLIB data set with the correct DSNTYPE and rerun the RECEIVE command.

GIM21801I *enttype* ENTRY *entname* WAS STORED IN THE *library* LIBRARY.

Explanation:

enttype entry type

entname

entry name

library ddname of the library being processed

SMP/E successfully stored or restored the entry in the indicated library.

System action: SYSMOD processing continues.

Programmer response: None.

GIM21802I *enttype* ENTRY *entname* WAS STORED IN THE *zonename* ZONE.

Explanation:

enttype entry type

entname

entry name

zonename

name of the zone being updated

SMP/E successfully stored or restored the entry in the indicated zone.

System action: SYSMOD processing continues.

Programmer response: None.

GIM21803I MEMBER *member* WAS STORED IN THE *library* LIBRARY.

Explanation:

member member name

library ddname of the library being processed

SMP/E successfully stored the member in the indicated library.

System action: SYSMOD processing continues.

Programmer response: None.

GIM21901W *enttype* ENTRY *entname* IN THE *library* LIBRARY WAS NOT PROCESSED BECAUSE THE PEMAX VALUE IN THE CURRENT OPTIONS ENTRY WAS EXCEEDED.

Explanation:*enttype* entry type*entname*

entry name

library ddname of the library being processed

SMP/E could not create, update, or list the indicated entry because the SYSMOD entry needed a PEMAX value greater than the value in the current OPTIONS entry.

Note: This message may indicate that the entry has incorrect data. This may have been caused by an internal SMP/E error.

System action: Processing stops for the indicated entry.

Programmer response: Do **one** of the following:

- Use UCLIN to increase the PEMAX value in the OPTIONS entry.

Note: Do not decrease the PEMAX value after SMP/E processes SYSMODs with a larger PEMAX, because existing SYSMOD entries may be too large for SMP/E to process.

- Make sure the OPTIONS entry containing the increased PEMAX value is the same as the OPTIONS entry named in the zone definition entry.
- If the entry has incorrect data, either correct the data or restore the data set and rerun the job.

GIM21901E *enttype* ENTRY *entname* IN THE *library* LIBRARY WAS NOT PROCESSED BECAUSE THE PEMAX VALUE IN THE CURRENT OPTIONS ENTRY WAS EXCEEDED.

Explanation:*enttype* entry type*entname*

entry name

library ddname of the library being processed

SMP/E could not create, update, or list the indicated entry because the SYSMOD entry needed a PEMAX value greater than the value in the current OPTIONS entry.

Note: This message may indicate that the entry has incorrect data. This may have been caused by an internal SMP/E error.

System action: SYSMOD processing stops.

Programmer response: Do **one** of the following:

- Use UCLIN to increase the PEMAX value in the OPTIONS entry.

Note: Do not decrease the PEMAX value after SMP/E processes SYSMODs with a larger PEMAX, because existing SYSMOD entries may be too large for SMP/E to process.

- Make sure the OPTIONS entry containing the increased PEMAX value is the same as the OPTIONS entry named in the zone definition entry.
- If the entry has incorrect data, either correct the data or restore the data set and rerun the job.

GIM21901S *enttype* ENTRY *entname* IN THE *library* LIBRARY WAS NOT PROCESSED BECAUSE THE PEMAX VALUE IN THE CURRENT OPTIONS ENTRY WAS EXCEEDED.

Explanation:*enttype* entry type*entname*

entry name

library ddname of the library being processed

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SMP/E could not create, update, or list the indicated entry because the SYSMOD entry needed a PEMAX value greater than the value in the current OPTIONS entry.

Note: This message may indicate that the entry has incorrect data. This may have been caused by an internal SMP/E error.

System action: Command processing stops.

Programmer response: Do **one** of the following:

- Use UCLIN to increase the PEMAX value in the OPTIONS entry.

Note: Do not decrease the PEMAX value after SMP/E processes SYSMODs with a larger PEMAX, because existing SYSMOD entries may be too large for SMP/E to process.

- Make sure the OPTIONS entry containing the increased PEMAX value is the same as the OPTIONS entry named in the zone definition entry.
- If the entry has incorrect data, either correct the data or restore the data set and rerun the job.

GIM21902W *enttype* ENTRY *entname* IN THE *zonename* ZONE WAS NOT PROCESSED BECAUSE THE PEMAX VALUE IN THE CURRENT OPTIONS ENTRY WAS EXCEEDED.

Explanation:

enttype entry type

entname

entry name

zonename

name of the zone being processed

SMP/E could not create, update, list, or process the indicated entry, because the SYSMOD entry needs a PEMAX value greater than the value in the current OPTIONS entry.

Note:

1. This message may indicate that the entry has incorrect data. This may have been caused by an internal SMP/E error.
2. During APPLY or ACCEPT processing, this message may be issued when SMP/E is building a candidate list for mass-mode processing. In this case, the entry name and entry type values in the message may refer to SYSMODs that are eventually eliminated during SYSMOD selection processing. The PEMAX value in the OPTIONS entry being used needs to be increased.

System action: Processing stops for the indicated entry.

Programmer response: Do **one** of the following, as appropriate:

- Use UCLIN to increase the PEMAX value in the OPTIONS entry.

Note: Do not decrease the PEMAX value after SMP/E processes SYSMODs with a larger PEMAX, because existing SYSMOD entries may be too large for SMP/E to process.

- Make sure the OPTIONS entry containing the increased PEMAX value is the same as the OPTIONS entry named in the zone definition entry.
- If the entry has incorrect data, either correct the data or restore the data set and rerun the job.

GIM21902E *enttype* ENTRY *entname* IN THE *zonename* ZONE WAS NOT PROCESSED BECAUSE THE PEMAX VALUE IN THE CURRENT OPTIONS ENTRY WAS EXCEEDED.

Explanation:

enttype entry type

entname

entry name

zonename

name of the zone being processed

SMP/E could not create, update, list, or process the indicated entry, because the SYSMOD entry needs a PEMAX value greater than the value in the current OPTIONS entry.

Note:

1. This message may indicate that the entry has incorrect data. This may have been caused by an internal SMP/E error.
2. During APPLY or ACCEPT processing, this message may be issued when SMP/E is building a candidate list for mass-mode processing. In this case, the entry name and entry type values in the message may refer to SYSMODs that are eventually eliminated during SYSMOD selection processing. The PEMAX value in the OPTIONS entry being used needs to be increased.
3. During RESTORE processing, this message may be issued if prior SYSMODs were applied using a higher PEMAX value. RESTORE processing checks to see whether the candidate SYSMOD has a dependency on any other SYSMOD not yet accepted.

System action: SYSMOD processing stops.

Programmer response: Do **one** of the following, as appropriate:

- Use UCLIN to increase the PEMAX value in the OPTIONS entry.

Note: Do not decrease the PEMAX value after SMP/E processes SYSMODs with a larger PEMAX, because existing SYSMOD entries may be too large for SMP/E to process.

- Make sure the OPTIONS entry containing the increased PEMAX value is the same as the OPTIONS entry named in the zone definition entry.
- If the entry has incorrect data, either correct the data or restore the data set and rerun the job.

GIM21902S *enttype* ENTRY *entname* IN THE *zonename* ZONE WAS NOT PROCESSED BECAUSE THE PEMAX VALUE IN THE CURRENT OPTIONS ENTRY WAS EXCEEDED.

Explanation:

enttype entry type

entname

entry name

zonename

name of the zone being processed

SMP/E could not create, update, list, or process the indicated entry, because the SYSMOD entry needs a PEMAX value greater than the value in the current OPTIONS entry.

Note:

1. This message may indicate that the entry has incorrect data. This may have been caused by an internal SMP/E error.
2. During APPLY or ACCEPT processing, this message may be issued when SMP/E is building a candidate list for mass-mode processing. In this case, the entry name and entry type values in the message may refer to SYSMODs that are eventually eliminated during SYSMOD selection processing. The PEMAX value in the OPTIONS entry being used needs to be increased.

System action: Command processing stops.

Programmer response: Do **one** of the following, as appropriate:

- Use UCLIN to increase the PEMAX value in the OPTIONS entry.

Note: Do not decrease the PEMAX value after SMP/E processes SYSMODs with a larger PEMAX, because existing SYSMOD entries may be too large for SMP/E to process.

- Make sure the OPTIONS entry containing the increased PEMAX value is the same as the OPTIONS entry named in the zone definition entry.
 - If the entry has incorrect data, either correct the data or restore the data set and rerun the job.
-

GIM21903E ENTRY *entname* IN THE *zonename* ZONE WAS NOT PROCESSED BECAUSE THE PEMAX VALUE IN THE CURRENT OPTIONS ENTRY WAS EXCEEDED.

Explanation:

entname

entry name

zonename

name of the zone being processed

SMP/E could not create, update, or list the indicated entry because the SYSMOD entry needed a PEMAX value greater than the value in the current OPTIONS entry. (SMP/E could not determine the entry type.)

Note: This message may indicate that the entry has incorrect data. This may have been caused by an internal SMP/E error.

System action: Depending on the return code, processing stops for the SYSMOD or the command.

Programmer response: Do **one** of the following:

- Use UCLIN to increase the PEMAX value in the OPTIONS entry.

Note: Do not decrease the PEMAX value after SMP/E processes SYSMODs with a larger PEMAX, because existing SYSMOD entries may be too large for SMP/E to process.

- Make sure the OPTIONS entry containing the increased PEMAX value is the same as the OPTIONS entry named in the zone definition entry.
- If the entry has incorrect data, either correct the data or restore the data set and rerun the job.

GIM21904E ENTRY *entname* IN THE *library* LIBRARY WAS NOT PROCESSED BECAUSE THE PEMAX VALUE IN THE CURRENT OPTIONS ENTRY WAS EXCEEDED.

Explanation:

entname

entry name

library

ddname of the library being processed

SMP/E could not create, update, or list the indicated entry because the SYSMOD entry needed a PEMAX value greater than the value in the current OPTIONS entry. (Because of an internal SMP/E error, SMP/E could not determine the entry type.)

Note: This message may indicate that the entry has incorrect data. This may have been caused by an internal SMP/E error.

System action: Depending on the return code, processing stops for the SYSMOD or the command.

Programmer response: Do **one** of the following:

- Use UCLIN to increase the PEMAX value in the OPTIONS entry.

Note: Do not decrease the PEMAX value after SMP/E processes SYSMODs with a larger PEMAX, because existing SYSMOD entries may be too large for SMP/E to process.

- Make sure the OPTIONS entry containing the increased PEMAX value is the same as the OPTIONS entry named in the zone definition entry.
- If the entry has incorrect data, either correct the data or restore the data set and rerun the job.

GIM22000I AN ERROR MAY OCCUR WHEN RELFILE DATA SET *relfile* IS COPIED TO THE SMPTLIB DATA SET *smptlib*.

Explanation:

relfile

the RELFILE data set name

smptlib

the SMPTLIB data set name

This message follows warning message GIM21500W, GIM21700W, or GIM22500W. During RECEIVE processing, one of the following conditions occurred:

- SMP/E found a preallocated SMPTLIB data set. However, the DSNTYPE of the preallocated data set does not match the DSNTYPE of its associated RELFILE data set.
- SMP/E could not determine the DSNTYPE of the RELFILE data set.
- SMP/E determined that the DSNTYPE of the RELFILE was LIBRARY, but the system does not support the LIBRARY value for DSNTYPE.

System action: RECEIVE processing continues but if the RELFILE data set contains load modules or program objects, and the DSNTYPE of the SMPTLIB data set does not match the DSNTYPE of the RELFILE data set, errors may occur when SMP/E tries to copy the RELFILE data set to the SMPTLIB data set.

Programmer response: Refer to programmer response for the preceding GIM21500W, GIM21700W, or GIM22500W message.

GIM22100E THE NAME OF THE TARGET OR DISTRIBUTION ZONE CANNOT BE GLOBAL.

Explanation: The zone name specified for ZONEINDEX was set to GLOBAL. This is invalid, because the name GLOBAL is reserved for the global zone.

System action: Command processing stops. Processing continues with the next command.

Programmer response: Change the value of the target or distribution zone name to something other than GLOBAL. Then resubmit the job.

GIM22200E SYSMOD *sysmod* WAS NOT RECEIVED BECAUSE AN ARCHIVE FILE FOR RELFILE *relfile* WAS NOT FOUND IN THE *package* PACKAGE.

Explanation:

sysmod SYSMOD ID
relfile RELFILE name
package package id

An error occurred when the SMPTLIB data sets were being loaded for the indicated SYSMOD. The expected relfile name was not found in the GIMZIP package during either RECEIVE FROMNETWORK or RECEIVE FROMNTS command processing. It is possible that the packager gave an incorrect dataset name for relfile. SMP/E expects the last two parts of the data set name for a relative file to be "sysmod-id.Fnnnn". If the data set name contains high level qualifiers, SMP/E expects to find in the GIMZIP package the data set name "rfdsnpx.sysmod_id.Fnnnn", where:

rfdsnpx is the prefix supplied by the RFPREPFX operand on the header MCS statement that is being processed. This part of the data set name is optional. If no RFDSNPFX value was specified, this prefix is not included in the data set name allocated by SMP/E.

sysmod_id is the SYSMOD ID of the SYSMOD to which the file belongs. This part of the data set is required.

Fnnnn is the letter F followed by the number specified on the RELFILE operand of the corresponding MCS statement in the SYSMOD. This part data set name is required.

The relfile name was not found in the GIMZIP package. SMP/E will search the relfile names in the package for the required qualifiers (either "sysmod_id.Fnnnn" or "rfdsnpx.sysmod_id.Fnnnn"). The qualifiers must be immediately before the trailing qualifiers "pax.Z", which are always present in the relfile names of the GIMZIP package. Qualifiers before the required qualifiers will be ignored. This message is issued if a match is not found. The data set name may be missing, or improperly named.

For example, suppose that the expected relfile name is "IBM.SYSMOD1.F1". In this case, SMP/E would consider "SERVERPAC.IBM.SYSMOD1.F1.pax.Z" to be a match for the expected relfile name (the "SERVERPAC." qualifier is ignored), whereas SMP/E would **not** consider "SERVERPAC.POKIBM.SYSMOD1.F1.pax.Z" to be a match for the expected relfile name (because "POKIBM" does not match "IBM" and is part of a required qualifier).

System action: SMP/E does not receive the SYSMOD, and RECEIVE processing for the SYSMOD stops. The SMPTLIBs that have already been allocated are deleted.

Programmer response: The RELFILE name may have been accidentally deleted, never included, or improperly

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named by the packager. Notify the provider of the package that there is a problem.

GIM22300E JCLIN PROCESSING FAILED BECAUSE THE JCL STATEMENT DID NOT BEGIN IN COLUMN 1.

Explanation: A JCL statement did not start in column 1 when it should have.

System action: None.

Programmer response: Fix the error and rerun the job.

GIM22401I *enttype entname* WAS DELETED FROM THE *library* LIBRARY.

Explanation:

enttype element type

entname

element name

library ddname of the library being processed

SMP/E successfully deleted the element from the indicated library.

System action: Processing continues.

Programmer response: None.

GIM22402I *enttype1 entname1* (ALIAS OF *enttype2 entname2*) WAS DELETED FROM THE *library* LIBRARY.

Explanation:

enttype1

entry type of the alias

entname2

entry name of the alias

enttype2

entry type of the element

entname2

entry name of the element

library ddname of the library being processed

SMP/E successfully deleted the element from the indicated library. Note that if an alias is being deleted and the alias value is greater than 300 characters in length, only the first 300 characters are placed in the message.

System action: Processing continues.

Programmer response: None.

GIM22403I MEMBER *member* WAS DELETED FROM THE *library* LIBRARY.

Explanation:

member member name

library ddname of the library being processed

SMP/E successfully deleted the member from the indicated library.

System action: Processing continues.

Programmer response: None.

GIM22404I *enttype* ENTRY *entname* WAS DELETED FROM THE *zonename* ZONE.

Explanation:

enttype entry type

entname

entry name

zonename

name of the zone being processed

SMP/E successfully deleted the entry from the indicated zone.

System action: Processing continues.

Programmer response: None.

GIM22405I FILE *filename* WAS REMOVED FROM THE *library* LIBRARY.

Explanation:

filename file name

library ddname of the library being processed

SMP/E successfully removed the file from the indicated library.

System action: Processing continues.

Programmer response: None.

GIM22406I FILE *filename* (LINK FOR *enttype entname*) WAS REMOVED FROM THE *library* LIBRARY.

Explanation:

filename name of link

enttype entry type of element

entname

entry name of element

library ddname of library being processed

SMP/E successfully removed the file from the indicated library. Note that if the file name is greater than 300 characters in length, only the first 300 characters are placed in the message.

System action: Processing continues.

Programmer response: None.

GIM22407I MEMBER *member* (SIDE DECK FOR LMOD *loadmod*) WAS DELETED FROM THE *library* LIBRARY.

Explanation:

member member name

loadmod load module name

library ddname of the library

SMP/E successfully deleted the member from the indicated library.

System action: Processing continues.

Programmer response: None.

GIM22408I FILE *filename* (SYMBOLIC LINK FOR *enttype entname*) WAS REMOVED FROM THE *library* LIBRARY.

Explanation:

filename name of symbolic link

enttype entry type of element

entname

entry name of element

library ddname of library being processed

SMP/E successfully removed the file from the indicated library. Note that if the length of the file name is greater than 300 characters, only the first 300 characters are placed in the message.

System action: Processing continues.

Programmer response: None.

GIM22500W SMP/E CANNOT ALLOCATE SMPTLIB DATA SET *smptlib* WITH A DSNTYPE OF LIBRARY.

Explanation:

smptlib the SMPTLIB data set name

During RECEIVE processing, SMP/E determined that the SMPTLIB data set should be allocated with a DSNTYPE of LIBRARY. However, the system does not have DSNTYPE support.

System action: SMP/E attempts to allocate the SMPTLIB data set as a PDS. RECEIVE processing continues but if the RELFILE contains load modules or program objects, errors may occur when SMP/E tries to copy the RELFILE to the SMPTLIB data set.

Programmer response: If an error occurred during the copy to this SMPTLIB, install this product from a system that supports the LIBRARY DSNTYPE.

GIM22601I *command* PROCESSING FAILED FOR SYSMOD *sysmod*.

Explanation:

command

SMP/E command

sysmod SYSMOD ID

A preceding message describes the reason for the failure. SMP/E found the error for one SYSMOD only. SMP/E will continue to process other SYSMODs.

Note: You may find additional information in the SMPLOG data set.

System action: Processing continues.

Programmer response: Check previous messages to determine the cause of error.

GIM22601E *command* PROCESSING FAILED FOR SYSMOD *sysmod*.

Explanation:

command

SMP/E command

sysmod SYSMOD ID

A preceding message describes the reason for the failure. SMP/E found the error for one SYSMOD only. SMP/E will continue to process other SYSMODs.

Note: You may find additional information in the SMPLOG data set.

System action: SYSMOD processing stops.

Programmer response: Do the following:

1. Check previous messages to determine the cause of error.
 2. Correct the error and rerun the job.
-

GIM22602E *command* PROCESSING WAS INCOMPLETE FOR SYSMOD *sysmod*.

Explanation:

command

SMP/E command

sysmod SYSMOD ID

A preceding message describes the reason for processing to be incomplete. SMP/E found the error for this SYSMOD only. SMP/E continues to process other SYSMODs.

Note: You may find additional information in the SMPLOG data set.

System action: Processing stops for the SYSMOD or the command.

Programmer response: Do the following:

1. Check previous messages to determine the cause of error.
2. Check the error and rerun the job.

GIM22603E *command* **PROCESSING FAILED FOR SYSMOD *sysmod*. SYSMOD *sysmod* WOULD HAVE UPDATED THE *library* LIBRARY, BUT THE *library* LIBRARY IS OUT OF SPACE.**

Explanation:*command*

SMP/E command

sysmod SYSMOD ID*library* ddname of the library

Processing for the indicated SYSMOD failed because the SYSMOD has unprocessed elements for the indicated library, which ran out of space.

System action: SYSMOD processing stops for the indicated SYSMOD.

Programmer response: Increase the size of the out-of-space library and rerun the command for the indicated SYSMOD. If it was the SMPLTS that ran out of space and the UPGLEVEL subentry for the set-to zone is SMP/E 32.00 or higher, then use the CLEANUP command for the SMPLTS and then rerun the failing command. (If no UPGLEVEL subentry exists for the set-to zone, CLEANUP will not reclaim any space in the SMPLTS.)

GIM22701I *command* **PROCESSING WAS SUCCESSFUL FOR SYSMOD *sysmod*.**

Explanation:*command*

SMP/E command

sysmod SYSMOD ID

Command processing was successful for SYSMOD *sysmod*.

System action: None.

Programmer response: None.

GIM22800S **REPLY FROM THE FTP SERVER AT *location* WAS NOT RECEIVED AFTER *number* ATTEMPTS.**

Explanation:*location* Host name or IP address specified in SERVER data set*number* number of attempts

After the specified number of attempts, SMP/E processing timed out before receiving a reply from the FTP server.

System action: Command or service routine processing stops.

Programmer response: Verify that the FTP server is operational and rerun the RECEIVE command or GIMGTPKG service routine.

GIM22805S **THE CONNECTION WITH THE FTP SERVER AT *hostname* WAS UNEXPECTEDLY CLOSED.**

Explanation:*hostname*

Host name or IP address specified in SERVER data set

The FTP connection was unexpectedly closed when SMP/E was writing to, or receiving commands from the FTP server. The server may not be operational, or the connection may have been lost.

System action: RECEIVE FROMNETWORK command processing terminates.

Programmer response: Verify that the FTP server on the indicated host is operational and rerun the RECEIVE command.

GIM22901S THE COMMAND WAS NOT PROCESSED BECAUSE OF A PREVIOUS ERROR.

Explanation: SMP/E did not process a command because of an error described in a previous message. SMP/E did, however, check the command for syntax errors.

System action: Processing continues with the next command.

Programmer response: Correct the error in the command and rerun the job.

GIM23101E THERE IS A SYNTAX ERROR IN A ZAP CONTROL STATEMENT FOR MODULE *modname* IN SYSMOD *sysmod*.

Explanation:

modname

module name

sysmod SYSMOD ID

SMP/E detected a syntax error in the superzap statement for the module in the indicated SYSMOD. The statement with the error may be in the line before this message.

System action: If the return code is nonzero, SMP/E processing stops. Otherwise, processing continues.

Programmer response: Correct the syntax error and rerun the job.

GIM23200S LMOD *loadmod* WAS SPECIFIED ON THE LINK COMMAND BUT IS NOT IN ZONE *zonename*.

Explanation:

loadmod load module name

zonename

zone name

The indicated load module was specified on the command but no entry exists for it in the indicated zone.

System action: Command processing stops.

Programmer response: Specify a load module which exists in the zone and rerun the command.

GIM23300W ALIAS *alias* FOR *enttype entname* WAS NOT INSTALLED INTO THE LIBRARY *library* BECAUSE THE LIBRARY IS SEQUENTIAL.

Explanation:

alias alias name for a data element

enttype data element type

entname

data element name

library library ddname

The indicated alias for the specified data element can not be installed in the library because the library has a sequential data set organization.

System action: Processing continues.

Programmer response: Verify that the data element's destination library should be sequential and that the alias need not exist in the library. If the library was incorrectly allocated with a sequential data set organization, reallocate the library and rerun the job. If the command is APPLY or ACCEPT, rerun the job with the REDO operand.

GIM23401T PROGRAM *progrname* WAS REQUIRED FOR SMP/E PROCESSING BUT WAS NOT AVAILABLE.

Explanation:

progrname

program name

SMP/E could not find the indicated program, which it needs for processing.

System action: Step processing stops. SMP/E processing also stops if you specified an incorrect utility name in the global zone UTILITY entry being used.

Programmer response: Do **one** of the following:

- If the program is available on your system, but not contained within the link list or link pack area, add a JOBLIB or STEPLIB for the library containing the program, and rerun the job.
- If the identified program is a utility, check that you have specified the utility name correctly in the global zone UTILITY entry being used. Correct it and rerun the job.

GIM23402T A BLDL FAILED FOR PROGRAM *progrname* THAT IS REQUIRED FOR SMP/E PROCESSING. THE RETURN CODE WAS *rtncode*.

Explanation:

progrname

program name

rtncode return code

SMP/E issued a BLDL macro instruction for program *progrname* that failed with return code *rtncode*.

System action: Step processing and SMP/E processing stops.

Programmer response: Refer to the BLDL macro instruction information for an explanation of the return code.

GIM23403T TOKEN SERVICES ARE REQUIRED FOR GIMAPI PROCESSING BUT ARE NOT AVAILABLE.

Explanation: During GIMAPI processing, the following token services are used:

- IEANTCR
- IEANTDL
- IEANTRT

One of these services could not be loaded.

System action: GIMAPI processing stops.

Programmer response: Execute the GIMAPI program on a system that supports token services.

GIM23411I DATA INTEGRITY VERIFICATION WILL NOT BE PERFORMED ON PACKAGE *package-id* BECAUSE ICSF IS NOT AVAILABLE AND AN ATTEMPT TO USE AN ALTERNATE SERVICE HAS FAILED.

Explanation:

package-id

id for the package in the SMPNPTS directory

ICSF (Integrated Cryptographic Services Facility) is not available for use by SMP/E. Either ICSF was not started, or ICSF was started but does not have access to any cryptographic units. ICSF is used by SMP/E to calculate SHA-1 hash values in determining the integrity of the data within the indicated package. In addition, SMP/E attempted to use a Java™ program to calculate SHA-1 hash values in place of using ICSF, but that processing has failed. Previous messages describe this failure.

Since ICSF was not available, SMP/E did not calculate any SHA-1 hash values, and therefore did not verify the integrity of the data within the indicated package.

Note: If the package was stored into the SMPNPTS directory using the RECEIVE FROMNETWORK command, then you can be sure SMP/E has previously verified the integrity of the data in the package, because RECEIVE FROMNETWORK always calculates SHA-1 hash values and requires ICSF to be available or the use of SMP/E's Java program.

System action: Processing continues.

Programmer response: If you want SMP/E to verify the integrity of the data within the package, then you must do the following:

1. make ICSF available or fix the error described by previous messages.

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2. use the REJECT command to reject from the global zone the SYSMODs contained in the package that were successfully received
3. rerun the RECEIVE FROMNTS job.

GIM23412S *command* **COMMAND PROCESSING HAS FAILED. DATA INTEGRITY VERIFICATION CAN NOT BE PERFORMED ON PACKAGE *package-id* BECAUSE ICSF IS NOT AVAILABLE AND AN ATTEMPT TO USE AN ALTERNATIVE SERVICE HAS FAILED.**

Explanation:

command

SMP/E command

package-id

id for the package being received

ICSF (Integrated Cryptographic Services Facility) is not available for use by SMP/E. Either ICSF was not started, or ICSF was started but does not have access to any cryptographic units. ICSF is used by SMP/E to calculate SHA-1 hash values in determining the integrity of the data within the indicated package. In addition, SMP/E attempted to use a Java program to calculate SHA-1 hash values in place of using ICSF, but that processing has failed. Previous messages describe this failure.

Since ICSF was not available, SMP/E cannot calculate any SHA-1 hash values, and therefore cannot verify the integrity of the data within the indicated package.

System action: Processing stops.

Programmer response: Make ICSF available or fix the errors described by previous messages and rerun the job.

GIM23413S *program* **PROCESSING HAS FAILED. DATA INTEGRITY VERIFICATION CAN NOT BE PERFORMED BECAUSE ICSF IS NOT AVAILABLE AND AN ATTEMPT TO USE AN ALTERNATE SERVICE HAS FAILED.**

Explanation:

program

SMP/E program or service routine

ICSF (Integrated Cryptographic Services Facility) is not available for use by SMP/E. Either ICSF was not started, or ICSF was started but does not have access to any cryptographic units. ICSF is used by SMP/E to calculate SHA-1 hash values in determining the integrity of the data within the package being processed. In addition, SMP/E attempted to use a Java program to calculate SHA-1 hash values in place of using ICSF, but that processing has failed. Previous messages describe this failure.

Since ICSF was not available, SMP/E cannot calculate any SHA-1 hash values, and therefore cannot verify the integrity of the data to be processed.

System action: Processing stops.

Programmer response: If using the GIMUNZIP service routine, SHA-1 hash verification is optional. Specify the HASH=NO execution option. If using another program or service routine, or if verification is desired, make ICSF available or fix the errors described by previous messages and rerun the job.

GIM23500I **LIBRARY *library* WAS NOT COMPRESSED BECAUSE IT IS A SEQUENTIAL DATA SET.**

Explanation:

library ddname of library being processed

The indicated library was specified in the COMPRESS operand, but SMP/E does not compress sequential libraries.

System action: Processing continues.

Programmer response: Do not specify the indicated library in the COMPRESS list.

GIM23600E *command* **PROCESSING TO THE** *library* **LIBRARY FAILED FOR** *enttype entname* **IN SYSMOD** *sysmod*.
DATE *yy.ddd* — **TIME** *hh:mm:ss*

Explanation:

command I/O or STOW
library ddname of the library to which the element was to be installed
enttype entry type
entname entry name
sysmod SYSMOD ID
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds

SMP/E command processing failed for the indicated element.

System action: SMP/E does not store the member. Messages that follow this message show SMP/E's action.

Programmer response: For I/O errors, fix the error and rerun the job. For STOW errors, increase the directory block allocation for the indicated library and rerun the job.

GIM23700E **SMP/E PROCESSING TO THE** *library* **LIBRARY FAILED FOR** *enttype entname* **IN SYSMOD** *sysmod*.
ABEND *abncode* **OCCURRED WHILE PROCESSING** *library*. **THE** *library* **LIBRARY RAN OUT OF**
SPACE. DATE *yy.ddd* - **TIME** *hh:mm:ss*

Explanation:

library ddname of the library to which the element was to be installed.
enttype entry type
entname entry name
sysmod SYSMOD ID
abncode abend code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds

SMP/E command processing failed for the indicated element.

System action: SYSMOD processing stops.

Programmer response: Increase the size of the indicated library and rerun the job.

GIM23701E **ZAP VER PROCESSING FOR SYSMOD** *sysmod* **FAILED FOR MODULE** *modname* **IN LMOD** *loadmod*
IN THE *library* **LIBRARY. THE RETURN CODE** (*rtncode*) **EXCEEDED THE ALLOWABLE VALUE.**
DATE *yy.ddd* - **TIME** *hh:mm:ss* - **SEQUENCE NUMBER** *seqno*.

Explanation:

sysmod SYSMOD ID
modname module name
loadmod load module name
library ddname of the library being processed
rtncode return code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds

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seqno utility sequence number

ZAP utility processing failed for the indicated module, which was part of SYSMOD *sysmod*. The utility sequence number matches the sequence number on the utility's SYSPRINT output.

System action: SYSMOD processing stops if:

- The return code is greater than the return code you specified.
- The return code is greater than the default return code.

Programmer response:

1. Make sure the default utility return code or the return code you specified in the UTILITY entry is the one you want to use. Make sure the OPTIONS entry you are using contains the name of that UTILITY entry.
2. Check the output from the ZAP utility to find the cause of the error. The sequence number may be used as an index into SYSPRINT output to find the error. The sequence number is incremented for each utility call in an SMP/E run.

Note: If you did not get any utility output, check the value specified for the PRINT subentry in the UTILITY entry. This ddname is used for the SYSPRINT data set. Here are some typical reasons for not getting any utility output:

- The PRINT subentry specifies a DDDEF of DUMMY.
 - The PRINT subentry specifies a data set that is sent to a SYSOUT class that suppresses output.
3. Correct the error and rerun the job.

GIM23702I ZAP VER PROCESSING FOR SYSMOD *sysmod* WAS SUCCESSFUL FOR MODULE *modname* IN LMOD *loadmod* IN THE *library* LIBRARY. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

sysmod SYSMOD ID
modname module name
loadmod load module name
library ddname of the library being processed
rtncode return code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number

ZAP utility processing was successful for the indicated module, which was part of SYSMOD *sysmod*. The utility sequence number matches the sequence number on the utility's SYSPRINT output.

System action: Processing continues.

Programmer response: None.

GIM23702W ZAP VER PROCESSING FOR SYSMOD *sysmod* WAS SUCCESSFUL FOR MODULE *modname* IN LMOD *loadmod* IN THE *library* LIBRARY. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

sysmod SYSMOD ID
modname module name
loadmod load module name
library ddname of the library being processed
rtncode return code
yy year
ddd Julian day

hh military hour
mm minutes
ss seconds
seqno utility sequence number

Because the return code from zap utility processing did not exceed the maximum acceptable return code, zap processing was considered successful for the indicated module, which was part of SYSMOD *sysmod*. However, because the return code from zap processing was not zero, zap processing may not have produced results that you consider acceptable. The utility sequence number matches the sequence number on the utility's SYSPRINT output.

System action: Processing continues.

Programmer response: Check the zap SYSPRINT output to determine whether the results are what you consider acceptable.

- If the results are acceptable, no further action is necessary.
- If the results are not acceptable, take the post-installation steps needed to achieve acceptable results.

GIM23703E ZAP REP PROCESSING FOR SYSMOD *sysmod* FAILED FOR MODULE *modname* IN LMOD *loadmod* IN THE *library* LIBRARY. THE RETURN CODE (*rtncode*) EXCEEDED THE ALLOWABLE VALUE. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

sysmod SYSMOD ID
modname module name
loadmod load module name
library ddname of the library being processed
rtncode return code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number

ZAP utility processing failed for the indicated module, which was part of SYSMOD *sysmod*. The utility sequence number matches the sequence number on the utility's SYSPRINT output.

System action: SYSMOD processing stops if:

- The return code is greater than the return code you specified.
- The return code is greater than the default return code.

Programmer response:

1. Make sure the default utility return code or the return code you specified in the UTILITY entry is the one you want to use. Make sure the OPTIONS entry you are using contains the name of that UTILITY entry.
2. Check the output from the ZAP utility to find the cause of the error. The sequence number may be used as an index into SYSPRINT output to find the error. The sequence number is incremented for each utility call in an SMP/E run.

Note: If you did not get any utility output, check the value specified for the PRINT subentry in the UTILITY entry. This ddname is used for the SYSPRINT data set. Here are some typical reasons for not getting any utility output:

- The PRINT subentry specifies a DDDEF of DUMMY.
 - The PRINT subentry specifies a data set that is sent to a SYSOUT class that suppresses output.
3. Correct the error and rerun the job.

GIM23704I ZAP REP PROCESSING FOR SYSMOD *sysmod* WAS SUCCESSFUL FOR MODULE *modname* IN LMOD *loadmod* IN THE *library* LIBRARY. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

sysmod SYSMOD ID
modname module name
loadmod load module name
library ddname of the library being processed
rtncode return code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number

Zap utility processing was successful for the indicated module, which was part of SYSMOD *sysmod*. The utility sequence number matches the sequence number on the utility's SYSPRINT output.

System action: Processing continues.

Programmer response: None.

GIM23704W ZAP REP PROCESSING FOR SYSMOD *sysmod* WAS SUCCESSFUL FOR MODULE *modname* IN LMOD *loadmod* IN THE *library* LIBRARY. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

sysmod SYSMOD ID
modname module name
loadmod load module name
library ddname of the library being processed
rtncode return code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number

Because the return code from zap utility processing did not exceed the maximum acceptable return code, zap processing was considered successful for the indicated module, which was part of SYSMOD *sysmod*. However, because the return code from zap processing was not zero, zap processing may not have produced results that you consider acceptable. The utility sequence number matches the sequence number on the utility's SYSPRINT output.

System action: Processing continues.

Programmer response: Check the zap SYSPRINT output to determine whether the results are what you consider acceptable.

- If the results are acceptable, no further action is necessary.
- If the results are not acceptable, take the post-installation steps needed to achieve acceptable results.

GIM23800E SMP/E PROCESSING FROM THE *library* LIBRARY TO THE *library* LIBRARY FAILED FOR *enttype* *entname* IN SYSMOD *sysmod*. THERE IS AN INCONSISTENCY IN THE DATA ATTRIBUTES. REASON CODE IS *rtncode*. DATE *yy.ddd* — TIME *hh:mm:ss*

Explanation:

library ddname of the library from which the data was to be copied
library ddname of the library to which the data was to be installed

enttype entry type
entname entry name
sysmod SYSMOD ID
rtncode reason for the failure
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds

SMP/E command processing failed for the indicated element. The reason codes and their meanings are:

- 02** The input and output data sets must have either a partitioned or sequential organization.
- 03** The record format of the input data set is not supported by SMP/E. The supported formats are F, FB, FS, FBS, FA, FBA, FM, FBM, V, VB, VA, VBA, VM, VBM, VS, and VBS.
- 04** A data set with record format VS must have a record length at least as large as that of the data set from which it is copying the element.
- 05** A data set with record format VBS must have a block size equal to that of the data set from which it is copying the element.
- 06** The record format of the output data set is not compatible with the record format of the input data set. Compatible record formats are:

INPUT OUTPUT

F, FB F, FB, FS, FBS, FA, FBA, FM, FBM, V, VB, VA, VBA, VM, VBM

FS, FBS
F, FB, FS, FBS, FA, FBA, FM, FBM, V, VB, VA, VBA, VM, VBM

FA, FBA
F, FB, FS, FBS, FA, FBA, V, VB, VA, VBA

FM, FBM
F, FB, FS, FBS, FM, FBM, V, VB, VM, VBM

V, VB F, FB, FS, FBS, FA, FBA, FM, FBM, V, VB, VA, VBA, VM, VBM

VA, VBA
F, FB, FS, FBS, FA, FBA, V, VB, VA, VBA

VM, VBM
F, FB, FS, FBS, FM, FBM, V, VB, VM, VBM

VS VS

VBS VBS

- 07** The record length and block size of the library are not compatible. If the data set is fixed format, the block size must be evenly divisible by the record length. If the data set is variable format, the block size must be at least 4 larger than the record length.
- 08** The input data is not completely defined (that is, its data set organization, record format, or record length is zero).
- 09** The output data set organization is not defined.

System action: SYSMOD processing stops.

Programmer response: Correct the inconsistent data set attribute.

GIM23801E COPY PROCESSING TO THE *library* LIBRARY FAILED FOR MODULE *modname* IN LMOD *loadmod* IN SYSMOD *sysmod*. THE RETURN CODE (*rtncode*) EXCEEDED THE ALLOWABLE VALUE. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

library ddname of the library into which the element was to be copied
modname

module name

loadmod load module name

sysmod SYSMOD ID

rtncode return code

yy year

ddd Julian day

hh military hour

mm minutes

ss seconds

seqno utility sequence number

Copy processing failed for the indicated module, which was part of SYSMOD *sysmod*. The utility sequence number matches the sequence number on the utility's SYSPRINT output.

During a single invocation of the copy utility, load modules may be copied for several SYSMODs. Copy processing may fail for some load modules but be successful for others. Therefore, some load modules may have been successfully copied, even though an error code was issued.

- This message shows that all the modules or load modules that SMP/E handled during this calling of the copy utility failed, although only one module may have an error.
- The message may also appear for modules within a SYSMOD that SMP/E never copied because other modules in the SYSMOD were in error.

System action: SYSMOD processing stops if:

- The return code is greater than the return code you specified.
- The return code is greater than the default return code.

Programmer response:

1. Make sure the default utility return code or the return code you specified in the UTILITY entry is the one you want to use. Make sure the OPTIONS entry you are using contains the name of that UTILITY entry.
2. If the copy failed, check the utility output to find the error. The sequence number may be used as an index into SYSPRINT output to find the error. The sequence number is incremented for each utility call in an SMP/E run.

Note: If you did not get any utility output, check the value specified for the PRINT subentry in the UTILITY entry. This ddname is used for the SYSPRINT data set. Here are some typical reasons for not getting any utility output:

- The PRINT subentry specifies a DDDEF of DUMMY.
 - The PRINT subentry specifies a data set that is sent to a SYSOUT class that suppresses output.
3. Correct the error and rerun the job.

GIM23802I COPY PROCESSING TO THE *library* LIBRARY WAS SUCCESSFUL FOR MODULE *modname* IN LMOD *loadmod* IN SYSMOD *sysmod*. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

library ddname of the library into which the element was to be copied
modname

module name

loadmod load module name

sysmod SYSMOD ID

rtncode return code

yy year

ddd Julian day

hh military hour

mm minutes
ss seconds
seqno utility sequence number

Copy processing was successful for the indicated module, which was part of SYSMOD *sysmod*. The utility sequence number matches the sequence number on the utility's SYSPRINT output.

System action: Processing continues.

Programmer response: None.

GIM23802W COPY PROCESSING TO THE *library* LIBRARY WAS SUCCESSFUL FOR MODULE *modname* IN LMOD *loadmod* IN SYSMOD *sysmod*. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

library ddname of the library into which the element was to be copied
modname module name
loadmod load module name
sysmod SYSMOD ID
rtncode return code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number

Because the return code from copy processing did not exceed the maximum acceptable return code, copy processing was successful for the indicated module, which was part of SYSMOD *sysmod*. However, because the return code from copy processing was not zero, copy processing may not have produced results that you consider acceptable. The utility sequence number matches the sequence number on the utility's SYSPRINT output.

System action: Processing continues.

Programmer response: Check the copy SYSPRINT output to determine whether the results are what you consider acceptable.

- If the results are acceptable, no further action is necessary.
- If the results are not acceptable, take the post-installation steps needed to achieve acceptable results.

GIM23803E COPY PROCESSING TO THE *library* LIBRARY FAILED FOR MODULE *modname* IN LMOD *loadmod* IN SYSMOD *sysmod*. ABEND *abncode* OCCURRED WHILE PROCESSING *library*. THE *library* LIBRARY RAN OUT OF SPACE. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

library ddname of the library into which the element was to be copied
modname module name
loadmod load module name
sysmod SYSMOD ID
abncode abend code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number

Copy processing failed for the indicated module, which is part of SYSMOD *sysmod*. The utility sequence number matches the sequence number on the utility's SYSPRINT output.

GIM23901E • GIM23902E

System action: SYSMOD processing stops.

Programmer response: Increase the size of the indicated library and rerun the job.

GIM23901E LINK-EDIT PROCESSING FOR SYSMOD *sysmod* FAILED FOR MODULE *modname* IN LMOD *loadmod* IN THE *library* LIBRARY. THE RETURN CODE (*rtncode*) EXCEEDED THE ALLOWABLE VALUE. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

sysmod SYSMOD ID
modname module name
loadmod load module name
library ddname of the library being processed
rtncode return code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number

Link-edit processing failed for the indicated module, which was part of SYSMOD *sysmod*. The return code from the link edit utility is greater than:

- The highest acceptable return code for load module *loadmod* specified in the load module's RETURN CODE subentry,
- The highest acceptable return code you specified in the link edit UTILITY entry, or
- SMP/E's default highest acceptable return code.

The utility sequence number matches the sequence number on the utility's SYSPRINT output.

System action: SYSMOD processing stops.

Programmer response:

1. If the indicated load module does not contain a RETURN CODE subentry within its LMOD entry, then ensure SMP/E's default highest acceptable return code or the highest acceptable return code you specified in the link edit UTILITY entry is the one you want to use. Also make sure the OPTIONS entry you are using contains the name of that UTILITY entry.
2. Check the linkage editor output to determine the cause of the error. The utility sequence number may be used as an index into SYSPRINT output to find the error. The sequence number is incremented for each utility call in an SMP/E run.

Note: If you did not get any utility output, check the value specified for the PRINT subentry in the UTILITY entry. This ddname is used for the SYSPRINT data set. Here are some typical reasons for not getting any utility output:

- The PRINT subentry specifies a DDDEF of DUMMY.
 - The PRINT subentry specifies a data set that is sent to a SYSOUT class that suppresses output.
3. Correct the error and rerun the job.

GIM23902E LINK-EDIT PROCESSING FOR LOAD MODULE BUILD PROCESSING FAILED FOR MODULE *modname* IN LMOD *loadmod* IN THE *library* LIBRARY. THE RETURN CODE (*rtncode*) EXCEEDED THE ALLOWABLE VALUE. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

modname module name
loadmod load module name
library ddname of the library being processed
rtncode return code
yy year

ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number

Link-edit processing failed for the indicated module, which was included by load module build processing. The return code from the link edit utility is greater than:

- The highest acceptable return code for load module *loadmod* specified in the load module's RETURN CODE subentry,
- The highest acceptable return code you specified in the link edit UTILITY entry, or
- SMP/E's default highest acceptable return code.

The utility sequence number matches the sequence number on the utility's SYSPRINT output.

System action: SYSMOD processing stops for the SYSMODs named in the message GIM23901E. These SYSMODs contain the modules that caused load module build processing to be performed.

Programmer response:

1. If the indicated load module does not contain a RETURN CODE subentry within its LMOD entry, then ensure SMP/E's default highest acceptable return code or the highest acceptable return code you specified in the link edit UTILITY entry is the one you want to use. Also make sure the OPTIONS entry you are using contains the name of that UTILITY entry.
2. Check the output from the linkage editor to determine the error. The utility sequence number may be used as an index into SYSPRINT output to find the error. The sequence number is incremented for each utility call in an SMP/E run.

Note: If you did not get any utility output, check the value specified for the PRINT subentry in the UTILITY entry. This ddname is used for the SYSPRINT data set. Here are some typical reasons for not getting any utility output:

- The PRINT subentry specifies a DDDEF of DUMMY.
 - The PRINT subentry specifies a data set that is sent to a SYSOUT class that suppresses output.
3. Fix the error and rerun the job.

GIM23903I LINK-EDIT PROCESSING FOR SYSMOD *sysmod* WAS SUCCESSFUL FOR MODULE *modname* IN LMOD *loadmod* IN THE *library* LIBRARY. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

sysmod SYSMOD ID
modname module name
loadmod load module name
library ddname of the library being processed
rtncode return code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number

Because the return code from link-edit processing did not exceed the maximum acceptable return code, link-edit processing was considered successful for the indicated module, which was part of SYSMOD *sysmod*. The utility sequence number matches the sequence number on the utility's SYSPRINT output.

System action: Processing continues.

Programmer response: No action is needed.

GIM23903W LINK-EDIT PROCESSING FOR SYSMOD *sysmod* WAS SUCCESSFUL FOR MODULE *modname* IN LMOD *loadmod* IN THE *library* LIBRARY. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

sysmod SYSMOD ID
modname module name
loadmod load module name
library ddname of the library being processed
rtncode return code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number

Because the return code from link-edit processing did not exceed the maximum acceptable return code, link-edit processing was considered successful for the indicated module, which was part of SYSMOD *sysmod*. However, because the return code from link-edit processing was not zero, link-edit processing may not have produced results that you consider acceptable. The utility sequence number matches the sequence number on the utility's SYSPRINT output.

Note: Product program directories often state the expected link-edit return codes for their load modules during SMP/E processing. Many times the return code is expected to be 4 or 8 because post-SMP/E link-edit work is required (for example, the load modules may require interface routines or compiler library routines). For this reason, the SMP/E default acceptable link-edit return code may have been left as or set to 8. This allows the SYSMODs to be installed, but requires you to check the actual link-edit return code in the GIM23903W messages.

System action: Processing continues.

Programmer response: Check the link-edit SYSPRINT output (and product program directories, if appropriate) to determine whether the results are what you consider acceptable.

Note: If the return code is not zero, this may simply mean that you need to do post-SMP/E link-edit work. In that case, the product program directory should explain whether you should expect nonzero return codes and what additional actions you may need to take. If the results are not acceptable, follow the actions described in the programmer response for GIM23902E.

GIM23904I LINK-EDIT PROCESSING FOR LOAD MODULE BUILD PROCESSING WAS SUCCESSFUL FOR MODULE *modname* IN LMOD *loadmod* IN THE *library* LIBRARY. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

modname module name
loadmod load module name
library ddname of the library being processed
rtncode return code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number

Link-edit processing was successful for the indicated module, which was included by load module build processing. The utility sequence number matches the sequence number on the utility's SYSPRINT output.

System action: Processing continues.

Message GIM23903I or GIM23903W names the SYSMOD containing the modules that caused load module build processing to be done.

Programmer response: None.

GIM23904W LINK-EDIT PROCESSING FOR LOAD MODULE BUILD PROCESSING WAS SUCCESSFUL FOR MODULE *modname* IN LMOD *loadmod* IN THE *library* LIBRARY. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

modname module name
loadmod load module name
library ddname of the library being processed
rtncode return code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number

Because the return code from link-edit processing did not exceed the maximum acceptable return code, link-edit processing was successful for the indicated module, which was included by load module build processing. However, because the return code from link-edit processing was not zero, link-edit processing may not have produced results that you consider acceptable. The utility sequence number matches the sequence number on the utility's SYSPRINT output.

System action: Processing continues.

Message GIM23903I or GIM23903W names the SYSMOD containing the modules that caused load module build processing to be done.

Programmer response: Check the link-edit SYSPRINT output to determine whether the results are what you consider acceptable.

- If the results are acceptable, no further action is necessary.
- If the results are not acceptable, take the post-installation steps needed to achieve acceptable results.

GIM23905E LINK-EDIT PROCESSING FOR SYSMOD *sysmod* FAILED FOR MODULE *modname* IN LMOD *loadmod* IN THE *library* LIBRARY. ABEND *abncode* OCCURRED WHILE PROCESSING *library*. THE *library* LIBRARY RAN OUT OF SPACE. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

sysmod SYSMOD ID
modname module name
loadmod load module name
library ddname of the library
abncode abend code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number

Link-edit processing failed for the indicated module in the indicated load module.

System action: SYSMOD processing stops for the indicated SYSMOD.

Programmer response: Increase the size of the indicated library and rerun the job.

GIM23906E LINK-EDIT PROCESSING FOR LOAD MODULE BUILD PROCESSING FAILED FOR MODULE *modname* **IN LMOD** *loadmod* **IN THE** *library* **LIBRARY. ABEND** *abncode* **OCCURRED WHILE PROCESSING** *library*. **THE** *library* **LIBRARY RAN OUT OF SPACE. DATE** *yy.ddd* **- TIME** *hh:mm:ss* **- SEQUENCE NUMBER** *seqno*.

Explanation:

modname module name
loadmod load module name
library ddname of the library being processed
abncode abend code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number

Link-edit processing failed for the indicated module, which was included by load module build processing. The utility sequence number matches the sequence number on the utility's SYSPRINT output.

System action: SYSMOD processing stops.

Message GIM23901E names the SYSMOD containing the modules that caused load module build processing to be done.

Programmer response: Increase the size of the indicated library and rerun the job.

GIM23907W LINK-EDIT PROCESSING FAILED FOR MOD *modname* **IN LMOD** *loadmod* **IN ZONE** *xzone* **IN SYSLIB** *syslib*. **ABEND** *abncode* **OCCURRED WHILE PROCESSING** *syslib*. **THE** *syslib* **LIBRARY RAN OUT OF SPACE.**

Explanation:

modname MOD name
loadmod LMOD name
xzone cross-zone name for load module
syslib SYSLIB ddname
abncode abend code

The library ran out of space during link-edit processing for the indicated module and load module.

Note: Date, time, and sequence number information is not generated for this utility completion message, because the volume of utility output for the cross-zone processing of the APPLY and RESTORE commands is expected to be small.

System action: Command processing continues.

Programmer response: Increase the size of the indicated library, and use the LINK MODULE command to update the LMOD with the indicated MOD.

GIM23908E LINK PROCESSING FAILED FOR LMOD *loadmod* **IN SYSLIB** *syslib*. **ABEND** *abncode* **OCCURRED WHILE PROCESSING** *syslib*. **THE** *syslib* **LIBRARY RAN OUT OF SPACE. DATE** *yy.ddd* **- TIME** *hh:mm:ss* **- SEQUENCE NUMBER** *seqno*.

Explanation:

loadmod LMOD name
syslib SYSLIB value
abncode abend code
yy.ddd year and Julian day
hh:mm:ss military hour, minutes, seconds
seqno utility sequence number

LINK processing failed because the indicated library ran out of space. The utility sequence number matches the sequence number on the utility's SYSPRINT output.

System action: The return code determines the system action.

Programmer response: Increase the size of the indicated library, and rerun the LINK command for this load module.

GIM23911E LINK-EDIT PROCESSING FOR SYSMOD *sysmod* FAILED FOR MODULE *modname* IN LMOD *loadmod* IN THE *library* LIBRARY. THE RETURN CODE (*rtncode*) EXCEEDED THE ALLOWABLE VALUE. DATE *yy.ddd* — TIME *hh:mm:ss* — SEQUENCE NUMBER *seqno* — SYSPRINT FILE *sysprint*.

Explanation:

sysmod SYSMOD ID
modname module name
loadmod load module name
library ddname of the library being processed
rtncode return code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number
sysprint ddname of logical SYSPRINT

Link-edit processing failed for the indicated module, which was part of SYSMOD *sysmod*. The utility sequence number matches the sequence number on the utility's SYSPRINT output, which is contained in file *sysprint*.

System action: SYSMOD processing stops if:

- The return code is greater than the return code you specified.
- The return code is greater than the default return code.

Programmer response:

1. Make sure the default utility return code or the return code you specified in the UTILITY entry is the one you want to use. Make sure the OPTIONS entry you are using contains the name of that UTILITY entry.
2. Check the linkage editor output to determine the cause of the error. The utility sequence number may be used as an index into the output contained in file *sysprint* to find the error. The sequence number is incremented for each utility call in an SMP/E run.

Note: The allocation for the *sysprint* file is modeled after SYSPRINT or the ddname specified in the PRINT subentry of the active UTILITY entry for the link-edit utility. If you did not get any utility output, check to see if the applicable DD statement is allocated to a proper SYSOUT type. Some typical reasons for not getting any utility output are that

- The ddname used as a model specifies DUMMY.
 - The ddname used as a model specifies a SYSOUT class that suppresses output.
3. Correct the error and rerun the job.

GIM23912E LINK-EDIT PROCESSING FOR LOAD MODULE BUILD PROCESSING FAILED FOR MODULE *modname* IN LMOD *loadmod* IN THE *library* LIBRARY. THE RETURN CODE (*rtncode*) EXCEEDED THE ALLOWABLE VALUE. DATE *yy.ddd* — TIME *hh:mm:ss* — SEQUENCE NUMBER *seqno* — SYSPRINT FILE *sysprint*.

Explanation:

modname module name
loadmod load module name
library ddname of the library being processed
rtncode return code
yy year
ddd Julian day

GIM23913I

hh military hour
mm minutes
ss seconds
seqno utility sequence number
sysprint ddname of logical SYSPRINT

Link-edit processing failed for the indicated module, which was included by load module build processing. The utility sequence number matches the sequence number on the utility's SYSPRINT output, which is contained in file *sysprint*.

System action: SYSMOD processing stops if:

- The return code is greater than the return code you specified.
- The return code is greater than the default return code.

Message GIM23911E names the SYSMOD containing the modules that caused load module build processing to be done.

Programmer response:

1. Make sure the default utility return code or the return code you specified in the UTILITY entry is the one you want to use. Make sure the OPTIONS entry you are using contains the name of that UTILITY entry.
2. Check the output from the linkage editor to determine the error. The utility sequence number may be used as an index into output contained in *sysprint* to find the error. The sequence number is incremented for each utility call in an SMP/E run.

Note: The allocation for the *sysprint* file is modeled after SYSPRINT or the ddname specified in the PRINT subentry of the active UTILITY entry for the link-edit utility. If you did not get any utility output, check to see if the applicable DD statement is allocated to a proper SYSOUT type. Some typical reasons for not getting any utility output are that

- The ddname used as a model specifies DUMMY.
- The ddname used as a model specifies a SYSOUT class that suppresses output.

3. Fix the error and rerun the job.

GIM23913I LINK-EDIT PROCESSING FOR SYSMOD *sysmod* WAS SUCCESSFUL FOR MODULE *modname* IN LMOD *loadmod* IN THE *library* LIBRARY. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* — TIME *hh:mm:ss* — SEQUENCE NUMBER *seqno* — SYSPRINT FILE *sysprint*.

Explanation:

sysmod SYSMOD ID
modname module name
loadmod load module name
library ddname of the library being processed
rtncode return code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number
sysprint ddname of logical SYSPRINT

Because the return code from link-edit processing did not exceed the maximum acceptable return code, link-edit processing was considered successful for the indicated module, which was part of SYSMOD *sysmod*. The utility sequence number matches the sequence number on the utility's SYSPRINT output, which is contained in file *sysprint*.

System action: Processing continues.

Programmer response: No action is needed.

GIM23913W LINK-EDIT PROCESSING FOR SYSMOD *sysmod* WAS SUCCESSFUL FOR MODULE *modname* IN LMOD *loadmod* IN THE *library* LIBRARY. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* — TIME *hh:mm:ss* — SEQUENCE NUMBER *seqno* — SYSPRINT FILE *sysprint*.

Explanation:

sysmod SYSMOD ID
modname module name
loadmod load module name
library ddname of the library being processed
rtncode return code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number
sysprint ddname of logical SYSPRINT

Because the return code from link-edit processing did not exceed the maximum acceptable return code, link-edit processing was considered successful for the indicated module, which was part of SYSMOD *sysmod*. However, because the return code from link-edit processing was not zero, link-edit processing may not have produced results that you consider acceptable. The utility sequence number matches the sequence number on the utility's SYSPRINT output, which is contained in file *sysprint*.

Note: Product program directories often state the expected link-edit return codes for their load modules during SMP/E processing. Many times the return code is expected to be 4 or 8 because post-SMP/E link-edit work is required (for example, the load modules may require interface routines or compiler library routines). For this reason, the SMP/E default acceptable link-edit return code may have been left as or set to 8. This allows the SYSMODs to be installed, but requires you to check the actual link-edit return code in the GIM23913W messages.

System action: Processing continues.

Programmer response: Check the link-edit SYSPRINT output in file *sysprint* (and product program directories, if appropriate) to determine whether the results are what you consider acceptable.

Note: If the return code is not zero, this may simply mean that you need to do post-SMP/E link-edit work. In that case, the product program directory should explain whether you should expect nonzero return codes and what additional actions you may need to take. If the results are not acceptable, follow the actions described in the programmer response for GIM23912E.

GIM23914I LINK-EDIT PROCESSING FOR LOAD MODULE BUILD PROCESSING WAS SUCCESSFUL FOR MODULE *modname* IN LMOD *loadmod* IN THE *library* LIBRARY. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* — TIME *hh:mm:ss* — SEQUENCE NUMBER *seqno* — SYSPRINT FILE *sysprint*.

Explanation:

modname module name
loadmod load module name
library ddname of the library being processed
rtncode return code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number
sysprint ddname of logical SYSPRINT

Link-edit processing was successful for the indicated module, which was included by load module build processing. The utility sequence number matches the sequence number on the utility's SYSPRINT output, which is in file *sysprint*.

GIM23914W • GIM23915E

System action: Processing continues.

Message GIM23913I or GIM23913W names the SYSMOD containing the modules that caused load module build processing to be done.

Programmer response: None.

GIM23914W LINK-EDIT PROCESSING FOR LOAD MODULE BUILD PROCESSING WAS SUCCESSFUL FOR MODULE *modname* IN LMOD *loadmod* IN THE *library* LIBRARY. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* — TIME *hh:mm:ss* — SEQUENCE NUMBER *seqno* — SYSPRINT FILE *sysprint*.

Explanation:

modname module name
loadmod load module name
library ddname of the library being processed
rtncode return code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number
sysprint ddname of logical SYSPRINT

Because the return code from link-edit processing did not exceed the maximum acceptable return code, link-edit processing was successful for the indicated module, which was included by load module build processing. However, because the return code from link-edit processing was not zero, link-edit processing may not have produced results that you consider acceptable. The utility sequence number matches the sequence number on the utility's SYSPRINT output, which is in file *sysprint*.

System action: Processing continues.

Message GIM23913I or GIM23913W names the SYSMOD containing the modules that caused load module build processing to be done.

Programmer response: Check the link-edit SYSPRINT in file *sysprint* output to determine whether the results are what you consider acceptable.

- If the results are acceptable, no further action is necessary.
- If the results are not acceptable, take the post-installation steps needed to achieve acceptable results.

GIM23915E LINK-EDIT PROCESSING FOR SYSMOD *sysmod* FAILED FOR MODULE *modname* IN LMOD *loadmod* IN THE *library* LIBRARY. ABEND *abncode* OCCURRED WHILE PROCESSING *library*. THE *library* LIBRARY RAN OUT OF SPACE. DATE *yy.ddd* — TIME *hh:mm:ss* — SEQUENCE NUMBER *seqno* — SYSPRINT FILE *sysprint*.

Explanation:

sysmod SYSMOD ID
modname module name
loadmod load module name
library ddname of the library
abncode abend code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number
sysprint ddname of logical SYSPRINT

Link-edit processing failed for the indicated module in the indicated load module.

System action: SYSMOD processing stops for the indicated SYSMOD.

Programmer response: Increase the size of the indicated library and rerun the job.

GIM23916E LINK-EDIT PROCESSING FOR LOAD MODULE BUILD PROCESSING FAILED FOR MODULE *modname* IN LMOD *loadmod* IN THE *library* LIBRARY. ABEND *abncode* OCCURRED WHILE PROCESSING *library*. THE *library* LIBRARY RAN OUT OF SPACE. DATE *yy.ddd* — TIME *hh:mm:ss* — SEQUENCE NUMBER *seqno* — SYSPRINT FILE *sysprint*.

Explanation:

modname module name
loadmod load module name
library ddname of the library being processed
abncode abend code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number
sysprint ddname of logical SYSPRINT

Link-edit processing failed for the indicated module, which was included by load module build processing. The utility sequence number matches the sequence number on the utility's SYSPRINT output in file *sysprint*.

System action: SYSMOD processing stops.

Message GIM23911E names the SYSMOD containing the modules that caused load module build processing to be done.

Programmer response: Increase the size of the indicated library and rerun the job.

GIM23918E LINK PROCESSING FAILED FOR LMOD *loadmod* IN SYSLIB *syslib*. ABEND *abncode* OCCURRED WHILE PROCESSING *syslib*. THE *syslib* LIBRARY RAN OUT OF SPACE. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno* - SYSPRINT FILE *sysprint*.

Explanation:

loadmod LMOD name
syslib SYSLIB value
abncode abend code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number
sysprint ddname of logical SYSPRINT

LINK processing failed because the indicated library ran out of space. The utility sequence number matches the sequence number on the utility's SYSPRINT output in file *sysprint*.

System action: The return code determines the system action.

Programmer response: Increase the size of the indicated library, and rerun the LINK command for this load module.

GIM24001E ASSEMBLER PROCESSING FOR SYSMOD *sysmod* FAILED FOR MODULE *modname* IN THE *library* LIBRARY. THE RETURN CODE (*rtncode*) EXCEEDED THE ALLOWABLE VALUE. DATE *yy.ddd* - TIME *hh:mm:ss*.

Explanation:

sysmod SYSMOD ID

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modname

module name

library ddname of the library being processed

rtncode return code

yy year

ddd Julian day

hh military hour

mm minutes

ss seconds

Assembler processing failed for the indicated module, which was part of SYSMOD *sysmod*.

System action: SYSMOD processing stops if:

- The return code is greater than the return code you specified.
- The return code is greater than the default return code.

Programmer response:

1. Make sure the default utility return code or the return code you specified in the UTILITY entry is the one you want to use. Make sure the OPTIONS entry you are using contains the name of that UTILITY entry.
2. Check the assembler output to determine the cause of the error. The time and date stamp on this message may be used as an aid in paging through assembler output by comparing this time stamp against the time stamp issued by the assembler at the top of each SYSPRINT page.

Note:

- a. The time stamp on the message might not exactly match the time stamp on the assembler listing, especially if you ran a big assembler job. The message will probably show a later time stamp than the assembler output. The time stamp will still help you find the information you are looking for.
- b. If you did not get any utility output, check the value specified for the PRINT subentry in the UTILITY entry. This ddname is used for the SYSPRINT data set. Here are some typical reasons for not getting any utility output:
 - The PRINT subentry specifies a DDDEF of DUMMY.
 - The PRINT subentry specifies a data set that is sent to a SYSOUT class that suppresses output.

If SYSPRINT is specified correctly, the problem could be in the UTILITY entry for the assembler. Specifying NOLIST in the PARM subentry for the assembler suppresses utility output. To get your output, delete NOLIST.

3. Correct the error and rerun the job.

GIM24002E ASSEMBLER PROCESSING FAILED FOR MODULE *modname* IN THE *library* LIBRARY WHICH IS NEEDED TO BUILD LOAD MODULE *loadmod*. THE RETURN CODE (*rtncode*) EXCEEDED THE ALLOWABLE VALUE. DATE *yy.ddd* - TIME *hh:mm:ss*.

Explanation:

modname

module name

library ddname of the library being processed

loadmod load module name

rtncode return code

yy year

ddd Julian day

hh military hour

mm minutes

ss seconds

Assembler processing failed for the indicated module, which is needed by load module build processing to complete the indicated load module.

System action: SYSMOD processing stops.

Programmer response:

1. Make sure the default utility return code or the return code you specified in the UTILITY entry is the one you want to use. Make sure the OPTIONS entry you are using contains the name of that UTILITY entry.
2. Check the assembler output to determine the cause of the error. The time and date stamp on this message may be used as an aid in paging through assembler output by comparing this time stamp against the time stamp issued by the assembler at the top of each SYSPRINT page.

Note:

- a. The time stamp on the message might not match the time stamp on the assembler listing, especially if you ran a big assembler job. The message will probably show a later time stamp than the assembler output. The time stamp will still help you find the information you are looking for.
- b. If you did not get any utility output, check the value specified for the PRINT subentry in the UTILITY entry. This ddname is used for the SYSPRINT data set. Here are some typical reasons for not getting any utility output:
 - The PRINT subentry specifies a DDDEF of DUMMY.
 - The PRINT subentry specifies a data set that is sent to a SYSOUT class that suppresses output.

If SYSPRINT is specified correctly, the problem could be in the UTILITY entry for the assembler. Specifying NOLIST in the PARM subentry for the assembler suppresses utility output. To get your output, delete NOLIST.

3. Correct the error and rerun the job.

GIM24003I ASSEMBLER PROCESSING FOR SYSMOD *sysmod* WAS SUCCESSFUL FOR MODULE *modname* IN THE *library* LIBRARY. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss*.

Explanation:

sysmod SYSMOD ID

modname

module name

library ddname of the library being processed

rtncode return code

yy year

ddd Julian day

hh military hour

mm minutes

ss seconds

Assembler processing was successful for the indicated module, which was part of SYSMOD *sysmod*.

System action: Processing continues.

Programmer response: None.

GIM24003W ASSEMBLER PROCESSING FOR SYSMOD *sysmod* WAS SUCCESSFUL FOR MODULE *modname* IN THE *library* LIBRARY. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss*.

Explanation:

sysmod SYSMOD ID

modname

module name

library ddname of the library being processed

rtncode return code

yy year

ddd Julian day

hh military hour

mm minutes

ss seconds

GIM24004I • GIM24004W

Because the return code from assembler processing did not exceed the maximum acceptable return code, assembler processing was successful for the indicated module, which was part of SYSMOD *sysmod*. However, because the return code from assembler processing was not zero, assembler processing may not have produced results that you consider acceptable.

System action: Processing continues.

Programmer response: Check the assembler SYSPRINT output to determine whether the results are what you consider acceptable.

- If the results are acceptable, no further action is necessary.
- If the results are not acceptable, take the post-installation steps needed to achieve acceptable results.

GIM24004I ASSEMBLER PROCESSING FOR LOAD MODULE BUILD PROCESSING WAS SUCCESSFUL FOR MODULE *modname* IN THE *library* LIBRARY. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss*.

Explanation:

modname module name
library ddname of the library being processed
rtncode return code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds

Assembler processing was successful for the indicated module, which was included by load module build processing.

System action: Processing continues.

Programmer response: None.

GIM24004W ASSEMBLER PROCESSING FOR LOAD MODULE BUILD PROCESSING WAS SUCCESSFUL FOR MODULE *modname* IN THE *library* LIBRARY. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss*.

Explanation:

modname module name
library ddname of the library being processed
rtncode return code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds

Because the return code from assembler processing did not exceed the maximum acceptable return code, assembler processing was successful for the indicated module, which was included by load module build processing. However, because the return code from assembler processing was not zero, assembler processing may not have produced results that you consider acceptable.

System action: Processing continues.

Programmer response: Check the assembler SYSPRINT output to determine whether the results are what you consider acceptable.

- If the results are acceptable, no further action is necessary.
- If the results are not acceptable, take the post-installation steps needed to achieve acceptable results.

GIM24005E ASSEMBLER PROCESSING FOR SYSMOD *sysmod* FAILED FOR MODULE *modname* IN THE *library* LIBRARY. ABEND *abncode* OCCURRED WHILE PROCESSING *library*. THE *library* LIBRARY RAN OUT OF SPACE. DATE *yy.ddd* - TIME *hh:mm:ss*.

Explanation:

sysmod SYSMOD ID
modname module name
library ddname of the library
abncode abend code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds

Assembler processing failed for the indicated module.

System action: SYSMOD processing stops for the indicated SYSMOD.

Programmer response: Increase the size of the indicated library and rerun the job.

GIM24006E ASSEMBLER PROCESSING FAILED FOR MODULE *modname* IN THE *library* LIBRARY WHICH IS NEEDED TO BUILD LOAD MODULE *loadmod*. ABEND *abncode* OCCURRED WHILE PROCESSING *library*. THE *library* LIBRARY RAN OUT OF SPACE. DATE *yy.ddd* - TIME *hh:mm:ss*.

Explanation:

modname module name
library ddname of the library being processed
loadmod load module name
abncode abend code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds

Assembler processing failed for the indicated module, which is needed by load module build processing to complete the indicated load module, because the library ran out of space.

System action: SYSMOD processing stops.

Programmer response: Increase the size of the indicated library and rerun the job.

GIM24007E *command* PROCESSING FAILED FOR LOAD MODULE *loadmod*. MODULE *modname* IS NEEDED TO BUILD *loadmod* BUT COULD NOT BE ASSEMBLED BECAUSE THE *ddname* LIBRARY IS FULL.

Explanation:

command SMP/E command
loadmod load module name
modname module name
ddname ddname of library

Assembler processing was not attempted for the indicated module, which is needed by load module build processing to complete the indicated load module, because the library ran out of space.

System action: Processing stops for the load module.

Programmer response: Increase the size of the indicated library and rerun the job.

GIM24008E LINK PROCESSING FAILED FOR LOAD MODULE *loadmod*. MODULE *modname* IN THE *ddname* LIBRARY IS NEEDED TO BUILD *loadmod*, BUT ASSEMBLER PROCESSING HAS FAILED FOR *modname*. THE RETURN CODE (*rtncode*) EXCEEDED THE ALLOWABLE VALUE. DATE *yy.ddd* - TIME *hh:mm:ss*.

Explanation:*loadmod* load module name*modname*

module name

ddname ddname of library*rtncode* return code*yy* year*ddd* Julian day*hh* military hour*mm* minutes*ss* seconds

Assembler processing failed for the indicated module, which is needed by load module build processing to complete the indicated load module.

System action: Processing stops for the load module.

Programmer response: Make sure the default utility return code or the return code you specified in the UTILITY entry is the one you want to use. Make sure the OPTIONS entry you are using contains the name of that UTILITY entry.

Check the assembler output to determine the cause of the error. The time and date stamp on this message may be used as an aid in paging through assembler output by comparing this time stamp against the time stamp issued by the assembler at the top of each SYSPRINT page.

Note:

1. The time stamp on the message might not match the time stamp on the assembler listing, especially if you ran a big assembler job. The message will probably show a later time stamp than the assembler output. The time stamp will still help you find the information you are looking for.
2. If you did not get any utility output, check the value specified for the PRINT subentry in the UTILITY entry. This ddname is used for the SYSPRINT data set. Here are some typical reasons for not getting any utility output:
 - The PRINT subentry specifies a DDDEF of DUMMY.
 - The PRINT subentry specifies a data set that is sent to a SYSOUT class that suppresses output.

If SYSPRINT is specified correctly, the problem could be in the UTILITY entry for the assembler. Specifying NOLIST in the PARM subentry for the assembler suppresses utility output. To get your output, delete NOLIST.

Correct the error and rerun the job.

GIM24009E LINK PROCESSING FAILED FOR LOAD MODULE *loadmod*. MODULE *modname* IN THE *ddname* LIBRARY IS NEEDED TO BUILD *loadmod*, BUT ASSEMBLER PROCESSING HAS FAILED FOR *modname*. ABEND *abncode* OCCURRED WHILE PROCESSING *ddname*. THE *ddname* LIBRARY RAN OUT OF SPACE. DATE *yy.ddd* - TIME *hh:mm:ss*.

Explanation:*loadmod* load module name*modname*

module name

ddname ddname of library*abncode* abend code*yy* year*ddd* Julian day*hh* military hour*mm* minutes*ss* seconds

Assembler processing failed for the indicated module, which is needed by load module build processing to complete the indicated load module, because the library ran out of space.

System action: Processing stops for the load module.

Programmer response: Increase the size of the indicated library and rerun the job.

GIM24100I SMP/E PROCESSING TO THE *library* LIBRARY WAS SUCCESSFUL FOR *enttype entname* IN SYSMOD *sysmod*. DATE *yy.ddd* - TIME *hh:mm:ss*

Explanation:

library ddname of the library to which the element was to be installed.

enttype entry type

entname

entry name

sysmod SYSMOD ID

yy year

ddd Julian day

hh military hour

mm minutes

ss seconds

The indicated element was successfully processed.

System action: Processing continues.

Programmer response: None.

GIM24200E SYSTEM ABEND *abncode* OCCURRED WITH A REASON CODE OF *rsncode* DURING SMP/E PROCESSING. THE *ddname* LIBRARY RAN OUT OF SPACE. THE LIBRARY IS NOT ELIGIBLE FOR RETRY PROCESSING BECAUSE IT IS SEQUENTIAL.

Explanation:

abncode abend code

rsncode abend reason code

ddname ddname of the library

The indicated library ran out of space when it was being processed by SMP/E. The library is not eligible for retry processing because it has a sequential data set organization.

System action: The element being processed and the SYSMOD supplying it are failed.

Programmer response: Increase the size of the library being processed and rerun the job.

GIM24300E LIBRARY *library* IS SEQUENTIAL YET *enttype1 entname1* IS ALREADY ASSIGNED TO IT. SMP/E PROCESSING HAS FAILED FOR *enttype2 entname2* IN SYSMOD *sysmod*.

Explanation:

library ddname of the sequential library

enttype1

already assigned data element type

entname1

already assigned data element name

enttype2

data element type

entname2

data element name

sysmod name of SYSMOD supplying the data element

The data element being APPLIED, ACCEPTED, or RESTORED has the specified library, which is a sequential data set. Only one element can exist in a sequential data set, and there is already one assigned to it.

System action: Processing fails for the SYSMODs containing the data elements.

GIM24400S • GIM24502E

Programmer response: Check the DDDEF entry or DD statement for the specified library to ensure that it specifies the correct data set. If the data set is correct, verify that the data set was allocated with the correct organization. If it should have a partitioned organization, change the allocation and rerun the command.

If the data set should be sequential, verify that the DDNAME for the specified data element is correct. If it is incorrect, correct the SYSLIB or DISTLIB subentry, and rerun the command.

GIM24400S *command* PROCESSING FAILED. UNSUPPORTED KEYWORD *keyword* WAS FOUND IN THE *dsname* DATA SET. THIS DATA IS SUPPORTED ONLY BY SMP/E *vv.rr*, OR HIGHER.

Explanation:

command

SMP/E command

keyword unsupported keyword

dsname data set being parsed

vv.rr Minimum version and release required to process this keyword.

An unsupported keyword was specified in the input data set. The current level of SMP/E does not know how to properly handle this keyword and therefore SMP/E command processing is being failed.

System action: Command processing stops.

Programmer response: Remove the unsupported keyword from the input data set or re-run the command using the specified SMP/E level or higher.

GIM24501E RESTORE PROCESSING FAILED FOR SYSMOD *sysmod* BECAUSE OTHER SYSMODS WERE DELETED WHEN *sysmod* WAS APPLIED.

Explanation:

sysmod SYSMOD ID

SMP/E cannot restore SYSMOD *sysmod* because SYSMOD *sysmod* is a function SYSMOD that deleted other SYSMODs when it was applied. (SYSMOD *sysmod* contains a ++VER DELETE MCS.) SMP/E cannot restore the elements from the deleted SYSMODs. Therefore, SMP/E cannot restore SYSMOD *sysmod*.

System action: SYSMOD processing stops. This message will be followed by GIM37001S, which indicates that RESTORE processing has stopped.

Programmer response: Do **one** of the following:

- If the SYSMOD was specified on the SELECT operand, delete it from the SELECT list.
- If the SYSMOD was included by the GROUP operand, delete the GROUP operand and specify the required SYSMODs on the SELECT operand instead.

Then rerun the RESTORE command.

GIM24502E RESTORE PROCESSING FAILED FOR SYSMOD *sysmod* BECAUSE *sysmod* WAS PREVIOUSLY ACCEPTED.

Explanation:

sysmod SYSMOD ID

SMP/E cannot restore SYSMOD *sysmod* because SYSMOD *sysmod* has been accepted and has updated elements in the distribution libraries. Therefore, SMP/E cannot use the elements in the distribution libraries to restore the target libraries. SMP/E can only restore SYSMODs that have been applied but not accepted.

System action: SYSMOD processing stops. If this SYSMOD is a function, this message will be followed by GIM37001S, which indicates that RESTORE processing has stopped.

Programmer response: Do **one** of the following:

- If the SYSMOD was specified on the SELECT operand, delete it from the SELECT list.
- If the SYSMOD was included by the GROUP operand, delete the GROUP operand and specify the required SYSMODs on the SELECT operand instead.

Then rerun the RESTORE command.

GIM24503E RESTORE PROCESSING FAILED FOR SYSMOD *sysmod* BECAUSE *sysmod* WAS PREVIOUSLY DELETED.

Explanation:

sysmod SYSMOD ID

SMP/E cannot restore SYSMOD *sysmod* because it was deleted when another SYSMOD was applied.

System action: SYSMOD processing stops. If this SYSMOD is a function, this message will be followed by GIM37001S, which indicates that RESTORE processing has stopped.

Programmer response: Do **one** of the following:

- If the SYSMOD was specified on the SELECT operand, delete it from the SELECT list.
- If the SYSMOD was included by the GROUP operand, delete the GROUP operand and specify the required SYSMODs on the SELECT operand instead.

Then rerun the RESTORE command.

GIM24504E RESTORE PROCESSING FAILED FOR SYSMOD *sysmod* BECAUSE *sysmod* HAS NOT BEEN APPLIED.

Explanation:

sysmod SYSMOD ID

SMP/E cannot restore SYSMOD *sysmod* because SYSMOD *sysmod* has not been applied. A SYSMOD can only be restored if it has been applied.

System action: SYSMOD processing stops.

Programmer response: Do **one** of the following:

- If the SYSMOD was specified on the SELECT operand, delete it from the SELECT list.
- If the SYSMOD was included by the GROUP operand, delete the GROUP operand and specify the required SYSMODs on the SELECT operand instead.

Then rerun the RESTORE command.

GIM24505E RESTORE PROCESSING FAILED FOR SYSMOD *sysmod1* BECAUSE *sysmod1* WAS PREVIOUSLY SUPERSEDED BY SYSMOD *sysmod2*.

Explanation:

sysmod1

SYSMOD ID

sysmod2

superseding SYSMOD ID

SMP/E cannot restore SYSMOD *sysmod1* because it has never been applied. Instead, SYSMOD *sysmod2*, which supersedes SYSMOD *sysmod1*, has been applied. In this case, SMP/E cannot determine which SYSMODs it should restore.

System action: SYSMOD processing stops.

Programmer response: Do **one** of the following:

- If the SYSMOD was specified on the SELECT operand, delete it from the SELECT list.
- If the SYSMOD was included by the GROUP operand, delete the GROUP operand and specify the required SYSMODs on the SELECT operand instead.
- If SYSMOD *sysmod2* should be restored, add it to the SELECT operand.

Then rerun the RESTORE command.

GIM24506W SYSMOD *sysmod* SELECTED FOR RESTORE PROCESSING IS SUPERSEDED.

Explanation:

sysmod SYSMOD ID

SYSMOD *sysmod* was specified on the SELECT operand but had not been applied. However, it was superseded by another SYSMOD that was included by RESTORE processing. Both SYSMODs were restored.

System action: Processing continues.

Programmer response: No action is required. If you want to put the superseding SYSMOD back on the target libraries, receive it again and reapply it.

GIM24601I *enttype* ENTRY *entname* IS NEEDED FOR PROCESSING BUT IS NOT IN THE *library* LIBRARY.

Explanation:

enttype entry type

entname

entry name

library ddname of the library being processed

Element *entname* is needed for command processing but does not exist in the indicated library.

System action: Check the messages that follow in SMPDOUT to determine the system action.

Programmer response: Check SMPLOG to determine why SMP/E could not find the element in the library.

GIM24601W *enttype* ENTRY *entname* IS NEEDED FOR PROCESSING BUT IS NOT IN THE *library* LIBRARY.

Explanation:

enttype entry type

entname

entry name

library ddname of the library being processed

Element *entname* is needed for command processing but does not exist in the indicated library.

System action: Check the messages that follow in SMPDOUT to determine the system action.

Programmer response: Check SMPLOG to determine why SMP/E could not find the element in the library.

GIM24601E *enttype* ENTRY *entname* IS NEEDED FOR PROCESSING BUT IS NOT IN THE *library* LIBRARY.

Explanation:

enttype entry type

entname

entry name

library ddname of the library being processed

Element *entname* is needed for command processing but does not exist in the indicated library.

System action: Check the messages that follow in SMPDOUT to determine the system action.

Programmer response: Check SMPLOG to determine why SMP/E could not find the element in the library.

GIM24602W *enttype* ENTRY *entname* IS NEEDED TO PROCESS SYSMOD *sysmod* BUT IS NOT IN THE *library* LIBRARY.

Explanation:

enttype entry type

entname

entry name

sysmod SYSMOD ID

library ddname of the library being processed

Element *entname* is needed for SYSMOD processing but does not exist in the indicated library.

System action: Check the messages that follow in SMPDOUT to determine the system action.

If the entry was for an assembly, the following occurs:

- SMP/E does not issue any further messages.
- SMP/E does not do assemblies for the SYSMOD.
- SYSMOD processing continues.

Programmer response: Check SMPLOG to determine why SMP/E could not find the element in the library. For example, the indicated SYSMOD may not be applicable to your system.

GIM24602E *enttype* ENTRY *entname* IS NEEDED TO PROCESS SYSMOD *sysmod* BUT IS NOT IN THE *library* LIBRARY.

Explanation:

enttype entry type

entname

entry name

sysmod SYSMOD ID

library ddname of the library being processed

Element *entname* is needed for SYSMOD processing but does not exist in the indicated library.

System action: Check the messages that follow in SMPDOUT to determine the system action.

If the entry was for an assembly, the following occurs:

- SMP/E does not issue any further messages.
- SMP/E does not do assemblies for the SYSMOD.
- SYSMOD processing continues.

Programmer response: Check SMPLOG to determine why SMP/E could not find the element in the library. For example, the indicated SYSMOD may not be applicable to your system. If the indicated library is the SMPPTS, the element might reside in an SMPPTS spill data set. Ensure there is a DD statement or a DDDEF entry identifying the appropriate SMPPTS spill data set. For further information about SMPPTS spill data sets, see *SMP/E for z/OS Reference*.

GIM24603E *enttype* ENTRY *entname* IS NEEDED TO BUILD THE FOLLOWING LOAD MODULES FOR SYSMOD *sysmod* BUT IS NOT IN THE *library* LIBRARY.

Explanation:

enttype entry type

entname

entry name

sysmod SYSMOD ID

library ddname of the library being processed

Entry *entname* is needed to build load modules, but does not exist in the indicated library as expected.

Message GIM65905 follows this message and identifies the load modules that could not be built.

System action: SYSMOD processing stops.

Programmer response: SMP/E expected to find entry *entname*, but it does not exist. Check SMPLOG for indications of why the entry no longer exists in the library.

GIM24605E SYSMOD *sysmod* WAS SELECTED FOR REJECT PROCESSING BUT IT WAS NOT FOUND IN THE SMPPTS DATA SET.

Explanation:

sysmod SYSMOD ID

SYSMOD *sysmod* cannot be rejected because it has not been received.

System action: SYSMOD processing stops. Processing continues with the next SYSMOD.

GIM24606E • GIM24608E

Programmer response: Specify the correct SYSMODs on the SELECT operand and rerun the command.

GIM24606E *enttype* ENTRY *entname* IS NEEDED FOR PROCESSING BUT IS NOT IN THE *zonename* ZONE.

Explanation:

enttype entry type

entname

entry name

zonename

name of the zone being processed

Element *entname* is needed for command processing but does not exist in the indicated zone.

System action: Check the messages that follow in SMPDOUT to determine the system action.

Programmer response: Check SMPLOG to determine why SMP/E could not find the element in the zone.

GIM24606S *enttype* ENTRY *entname* IS NEEDED FOR PROCESSING BUT IS NOT IN THE *zonename* ZONE.

Explanation:

enttype entry type

entname

entry name

zonename

name of the zone being processed

Entry *entname* is needed for command processing but does not exist in the indicated zone.

System action: Command processing stops.

Programmer response: Ensure the correct entry name was specified on the command.

GIM24607E THE *enttype* ENTRY IS NEEDED TO PROCESS SYSMOD *sysmod* BUT IS NOT IN THE *library* LIBRARY.

Explanation:

enttype entry type

sysmod SYSMOD ID

library ddname of the library being processed

The indicated entry type is needed for SYSMOD processing but does not exist in the indicated library.

System action: Check the messages that follow in SMPDOUT to determine the system action.

Programmer response: Check SMPLOG to determine why SMP/E could not find the entry in the library. For example, the indicated SYSMOD may not be applicable to your system.

GIM24608E SHELLSCR ENTRY *shellscr* IS NEEDED TO PROCESS *enttype entname* FOR SYSMOD *sysmod*, BUT SHELLSCR *shellscr* IS NOT IN THE *zonename* ZONE.

Explanation:

shellscr SHELLSCR entry name

enttype element type

entname

element name

sysmod SYSMOD ID

zonename

zone name

The indicated element specifies that shell script *shellscr* is to be invoked to complete the element's installation. However, the SHELLSCR entry for *shellscr* does not exist in the indicated zone.

System action: SYSMOD processing stops.

Programmer response: Determine whether the SHELLSCR element is installed. If not, install it and rerun the job.

GIM24609E LINK PROCESSING FAILED FOR LOAD MODULE *loadmod* BECAUSE *enttype* ENTRY *entname* IS NEEDED TO BUILD *loadmod* BUT IS NOT IN ZONE *zonename*.

Explanation:

loadmod load module name
enttype entry type
entname
 entry name
zonename
 zone name

Entry *entname* is needed to build load module *loadmod*, but does not exist in the indicated zone as expected.

System action: Processing stops for the load module.

Programmer response: SMP/E expected to find entry *entname* but it does not exist. Check the SMPLOG data set for indications of why the entry does not exist in the zone.

GIM24701W SMP/E COULD NOT OBTAIN LINK-EDIT PARAMETERS FOR LOAD MODULE *loadmod* FOR SYSMOD *sysmod*. DEFAULTS WERE USED.

Explanation:

loadmod load module name
sysmod SYSMOD ID

SMP/E tried to determine the link-edit parameters to be used for the indicated load module. (See the description of ACCEPT processing or APPLY processing, as appropriate, in *SMP/E for z/OS Commands* for details on how SMP/E makes this determination.) Because no other values were available, SMP/E is using default link-edit parameters.

Note: This message is normal when SMP/E accepts elements into the distribution libraries for the first time.

System action: SMP/E passes its default link-edit parameters to the link-edit utility. (See the description of the UTILITY entry in *SMP/E for z/OS Reference* for a list of the default link-edit parameters.)

Programmer response: If SMP/E default link-edit parameters are used, make sure they are appropriate for the load module being processed.

GIM24801W NO SYSMODS SATISFIED THE OPERANDS SPECIFIED ON THE *command* COMMAND.

Explanation:

command
 SMP/E command (RECEIVE)

The operands that you specify on a command determine which SYSMODs SMP/E selects for processing. This command failed because SMP/E did not select any SYSMODs. Here is an example of when this can happen:

- You enter the **RECEIVE FORFMID(JXY01)** command. This tells SMP/E to receive all the specified SYSMODs in the SMPPTFIN data set. However, no SYSMODs are received. This can happen if either of the following is true:
 - The eligible SYSMODs have already been received.
 - No SYSMODs satisfied the FORFMID operand on the RECEIVE command.

For more information about the selection criteria for the RECEIVE command, see *SMP/E for z/OS Commands*.

System action: Command processing stops normally.

Programmer response: Review the other messages that were issued for this command. Make sure you specified the correct operands on the command.

GIM24801S NO SYSMODS SATISFIED THE OPERANDS SPECIFIED ON THE *command* COMMAND.**Explanation:***command*

SMP/E command

The operands that you specify on a command determine which SYSMODs SMP/E selects for processing. This command failed because SMP/E did not select any SYSMODs. Here are some examples of when this can happen:

- You enter the **APPLY APARS** command. This tells SMP/E to install all applicable APARs into the target zone. However, there are no applicable APARs to install. This can happen if any of the following are true:
 - There are no APARs in the global zone.
 - The SRELS or FMIDs for APARs in the global zone are not applicable to the target zone.
 - The APARs in the global zone have already been installed in the target zone.
- You enter the **REJECT** command, without any operands. This tells SMP/E to remove from the global zone all PTFs that have never been installed in any target or distribution zone. However, no PTFs meet this criterion. This can happen if either of the following is true:
 - There are no PTFs in the global zone.
 - The PTFs in the global zone have been installed in a target or distribution zone.
- You enter the **RESTORE S(UZ00001)** command. This tells SMP/E to bring the elements affected by SYSMOD UZ00001 back to their distribution library level. However, UZ00001 cannot be restored. This can happen if any of the following are true:
 - UZ00001 has already been accepted into the distribution libraries.
 - UZ00001 has not been installed in the target zone or has been installed in error (the ERROR indicator is set in the SYSMOD entry).
- You enter the **APPLY SOURCEID (sourceid)** command. This tells SMP/E to install applicable SYSMODs into the target zone. However, there are no applicable SYSMODs to install. This can happen if either of the following are true:
 - There are no SYSMODs with the specified *sourceid* in the global zone.
 - The SRELS or FMIDs for SYSMODs with the specified *sourceid* in the global zone are not applicable to the target zone.

For more information about the selection criteria for each command, see the related chapter in *SMP/E for z/OS Commands*.

System action: Command processing fails. Processing continues with the next command.

Programmer response: Review the other messages that were issued for this command. Make sure you specified the correct operands on the command.

GIM24901E SYSMOD *sysmod* FAILED BECAUSE THE SAME MODULE (*modname*) WAS SPECIFIED ON DIFFERENT TYPES OF ZAP NAME STATEMENTS.**Explanation:***sysmod* SYSMOD ID*modname*

module name

The same module was specified on different NAME statements for the ZAP utility (NAME *csect* and NAME *lmod csect*). SMP/E cannot determine whether the module should be updated in all the load modules that contain it (as indicated by the NAME *csect* statement) or in a single load module (as indicated by the NAME *lmod csect* statement).

System action: SYSMOD processing stops. Processing continues with the next SYSMOD.

Programmer response: Correct the NAME statements and rerun the job.

GIM25000W LMOD *loadmod* CONTAINS *subtype* SUBENTRIES. *subtype* INFORMATION IS NOT INCLUDED IN FUNCTION *fmid* FROM THE EXISTING ZONE ENTRIES.

Explanation:

loadmod load module name
subtype subentry type
fmid FMID

During BUILD MCS command processing, SMP/E found one of the following subentries in an LMOD entry:

MODDEL

Modules deleted from the load module

XZMOD

Cross-zone modules

The information associated with the subentries is not included in the MCS for the function generated by the BUILD MCS command.

System action: Processing continues.

Programmer response: If the information associated with the subentries should be included in the new environment, you can do the following:

- For MODDEL subentries, what you can do depends on the state of the deleted module in the new zone environment. If the deleted module does not exist in the new zone, then you can use UCLIN to add the MODDEL subentry to the LMOD entry after the superseding function is installed. If the deleted module does exist in the new zone, then you can add an INCLUDE statement in the JCLIN of the superseding function to add the module into the load module.
- For XZMOD subentries, you can use the LINK MODULE command to add the cross-zone module into the load module after the superseding function is installed into the new zone environment.

GIM25101S WHEN THE *operand* OPERAND IS SPECIFIED, THE *command* COMMAND MUST SPECIFY AT LEAST ONE *zonetype* ZONE.

Explanation:

operand operand
command SMP/E command (RECEIVE, REJECT or REPORT)
zonetype TARGET or DLIB

For the RECEIVE command, the FORTGTZONES operand was specified, but did not specify a target zone or a ZONESET that contains target zones.

For the REJECT command, **one** of the following occurred:

- The command specified the PURGE operand, but did not specify a DLIB zone or a ZONESET that contains DLIB zones.
- The command specified the TARGETZONE operand, but did not specify a target zone or a ZONESET that contains target zones.

For the REPORT command, **one** of the following occurred:

- The command specified the DLIBZONE operand, but the specified ZONESET or zones specified on the ZONES operand contain only target zones.
- The command specified the TARGETZONE operand, but the specified ZONESET or zones specified on the ZONES operand contain only DLIB zones.

System action: Command processing stops.

Programmer response: Specify the required type of zone for the indicated operand. Then rerun the job.

GIM25201E THE INDICATED COMMAND IS INCOMPLETE. IT MAY BE MISSING DATA OR A DELIMITER, OR A PREVIOUS COMMAND MAY BE MISSING A PARENTHESIS.

Explanation: SMP/E found an incomplete command, and an end-of-file occurred before the end of the statement. SMP/E lists the command in error before this message.

System action: The command is not processed. For SMP/E's action, check the messages that follow in SMPOUT.

Programmer response: Check the job for the following:

- A missing comment delimiter (*//)
- A missing statement delimiter (.)
- A previous LOG command that is missing parentheses
- An end-of-file before the minimum data that is required to make a complete statement

Correct the error and rerun the job.

GIM25201T THE INDICATED COMMAND IS INCOMPLETE. IT MAY BE MISSING DATA OR A DELIMITER, OR A PREVIOUS COMMAND MAY BE MISSING A PARENTHESIS.

Explanation: SMP/E found an incomplete command, and an end-of-file occurred before the end of the statement. SMP/E lists the command in error before this message.

System action: The command is not processed. For SMP/E's action, check the messages that follow in SMPOUT.

Programmer response: Check the job for the following:

- A missing comment delimiter (*//)
- A missing statement delimiter (.)
- A previous LOG command that is missing parentheses
- An end-of-file before the minimum data that is required to make a complete statement

Correct the error and rerun the job.

GIM25301E *enttype* ENTRY *entname* WAS NOT DELETED BECAUSE IT DOES NOT EXIST.

Explanation:

enttype entry type

entname

entry name or *prodid vv.rr.mm* for PRODUCT entries

SMP/E could not find the entry you want to delete in the specified zone.

System action: SMP/E ignores the UCL statement. Processing continues with the next UCL statement.

Programmer response: Correct the UCL statement and rerun the statement.

GIM25401E *value* IS NOT DEFINED AS A ZONE OR A ZONESET IN THE GLOBAL ZONE.

Explanation:

value value specified as either a zone or ZONESET name

SMP/E tried to determine whether the specified name was a zone or a ZONESET. The name was not found to be defined as either a zone or a ZONESET in the global zone.

System action: Command processing stops.

Programmer response: Check where SMP/E encountered this name. It was either explicitly specified or was part of a ZONESET definition.

Define the zone or ZONESET in the global zone and rerun the job.

GIM25401S *value* IS NOT DEFINED AS A ZONE OR A ZONESET IN THE GLOBAL ZONE.

Explanation:

value value specified as either a zone or ZONESET name

SMP/E tried to determine whether the specified name was a zone or a ZONESET. The name was not found to be defined as either a zone or a ZONESET in the global zone.

System action: Command processing stops.

Programmer response: Check where SMP/E encountered this name. It was either explicitly specified or was part of a ZONESET definition.

Define the zone or ZONESET in the global zone and rerun the job.

GIM25501I ENTRY *entname* WAS UPDATED BY UCLIN.

Explanation:

entname

entry name or *prodid vv.rr.mm* for PRODUCT entries

UCLIN processing for the entry was successful.

System action: Processing continues with the next UCL statement.

Programmer response: None.

GIM25601I THE SPECIFIED ENTRY WAS NOT UPDATED BECAUSE OF AN ERROR DURING UCLIN PROCESSING.

Explanation: UCLIN processing failed for the entry because of an error identified in a previous message. SMP/E did not change the entry.

System action: Update processing stops.

Programmer response: Fix the error and rerun the statement.

GIM25602I ENTRY *entname* WAS NOT UPDATED BY UCLIN.

Explanation:

entname

Entry name or *prodid vv.rr.mm* for PRODUCT entries

A UCL statement attempted to totally delete one or more subentries, but none of the requested subentries exist in the indicated entry. SMP/E treated the request as if the entries had been deleted but the entry was not actually updated.

System action: Processing continues with the next UCLIN command.

Programmer response: Refer to the previous SMP/E messages. Ensure that the requested entry and subentries are correct. If not, fix the command and rerun

GIM25701E THE SPECIFIED CHANGES WERE NOT PROCESSED BECAUSE THEY WOULD LEAVE THE ENTRY INCOMPLETE. *subtype* IS REQUIRED.

Explanation:

subtype subentry type

If SMP/E made the indicated update, the affected entry would have insufficient or inconsistent data. Additional data needed by SMP/E is indicated by *subtype*.

System action: SMP/E ignores the UCL statement and does not change the entry. Processing continues with the next UCL statement.

Programmer response: Check *SMP/E for z/OS Reference* to find out which subentries are required for the entry you are updating. Provide the missing information in the SMPCSI or UCLIN input and rerun the statement.

GIM25801E *command1* PROCESSING FAILED BECAUSE SMP/E REACHED THE END-OF-FILE WITHOUT FINDING THE *command2* COMMAND.

Explanation:*command1*

command that failed (UCLIN or ZONEEDIT)

command2

command that was not found (ENDUCL or ENDZONEEDIT)

Before SMP/E found the ENDUCL or ENDZONEEDIT statement, an end-of-file occurred on SMP_CNTL.

System action: SMP/E ignores the current UCL or ZONEEDIT statement, if any, and stops command processing.

Programmer response: Add the ENDUCL or ENDZONEEDIT statement to the input data stream and rerun the statements that SMP/E did not process.

GIM25901E SMP/E COULD NOT ADD *subtype* SUBENTRY *subentry* TO *enttype* ENTRY *entname* BECAUSE THE NUMBER OF ELEMENTS IN THE ENTRY EXCEEDED THE CURRENT PEMAX VALUE.

Explanation:*subtype* subentry type*subentry*

subentry name

enttype entry type*entname*

entry name

As SMP/E tried to add a subentry to the specified entry, the number of elements in the entry exceeded the maximum number allowed (PEMAX or fixed value).

System action:

- For UCLIN processing, SMP/E ignores the UCL statement, and processing continues with the next UCL statement.
- For RECEIVE, APPLY, ACCEPT and RESTORE processing, the SYSMOD associated with the specified entry stops processing.

You may see this happen for the global zone during RECEIVE processing. In this case, SMP/E added the named FMID entry to the global zone but, for some reason, could not receive the function SYSMOD. To get around this problem, you could have used UCLIN to delete the FMID of the SYSMOD that was not received.

Programmer response: Do **one** of the following:

- For UCL processing, do either of the following:
 - Reduce the number of subentries you specified in the UCL statement.
 - Increase the PEMAX value in the OPTIONS entry being used.
- For RECEIVE, APPLY, ACCEPT, and RESTORE processing, increase the PEMAX value in the OPTIONS entry being used.

If this situation occurs for the global zone, do the following:

1. Increase the PEMAX value in the OPTIONS entry being used.
2. Run UCLIN against the GLOBALZONE entry to add FMIDs that SMP/E received but did not add to the GLOBALZONE entry.

Make sure the OPTIONS entry containing the increased PEMAX value is the OPTIONS entry named in the zone definition entry or on the SET command, if appropriate.

GIM25902E SMP/E COULD NOT ADD *subtype* SUBENTRY *subentry* TO *enttype* ENTRY *entname* IN THE SMPSCDS DATA SET BECAUSE THE NUMBER OF ELEMENTS IN THE ENTRY EXCEEDED THE CURRENT PEMAX VALUE.

Explanation:*subtype* subentry type*subentry*

subentry name

enttype entry type
entname
 entry name

During APPLY processing, SMP/E was adding BACKUP entries to the SMPSCDS data set. As SMP/E tried to add a subentry to the specified entry, the number of elements in the entry exceeded the maximum number allowed (PEMAX or fixed value.)

System action: SYSMOD processing stops.

Programmer response: Increase the PEMAX value in the OPTIONS entry being used. Make sure the OPTIONS entry containing the increased PEMAX value is the OPTIONS entry named in the zone definition entry or on the SET command, if appropriate.

GIM25903E SMP/E COULD NOT ADD ++ASSIGN SOURCEID *sourceid* TO SYSMOD ENTRY *sysmod* BECAUSE THE NUMBER OF ELEMENTS IN THE ENTRY EXCEEDED THE CURRENT PEMAX VALUE.

Explanation:

sourceid SOURCEID value
sysmod SYSMOD ID

As SMP/E tried to add a SOURCEID value to the specified SYSMOD entry, the number of elements in the entry exceeded the maximum number allowed (PEMAX or fixed value.)

System action: Processing stops for the ++ASSIGN MCS. Processing continues with the next MCS.

Programmer response: Do the following:

1. Increase the PEMAX value in the OPTIONS entry being used.
2. Run UCLIN against the global zone SYSMOD entry to add the SOURCEID value.

GIM26001W THE *operand* OPERAND WAS NOT PROCESSED BECAUSE IT IS NOT ALLOWED FOR THE SMPTLIB DATA SET.

Explanation:

operand CATALOG, DELETE, KEEP, MOD, NEW, OLD, or SHR

The SMPTLIB DDDEF entry cannot contain an initial or final disposition. SMP/E will determine the appropriate disposition based on the command being processed.

System action: UCLIN processing continues. SMP/E ignores the disposition operand.

Programmer response: None.

For more information about SMPTLIB data sets, see *SMP/E for z/OS Reference*.

GIM26002E UCLIN PROCESSING FAILED BECAUSE THE *operand* OPERAND IS NOT ALLOWED FOR THE SMPTLIB DATA SET.

Explanation:

operand DATASET, PATH, or SYSOUT

The SMPTLIB DDDEF entry cannot contain a data set name, SYSOUT class, or PATH subentry.

System action: UCLIN processing stops.

Programmer response: If you want to define a data set name for the SMPTLIB data set, you may specify a data set prefix (DSPREFIX) in either the SMPTLIB DDDEF entry or in the OPTIONS entry that will be in effect. Delete the DATASET, SYSOUT, or PATH value and rerun the UCL statement.

For more information about SMPTLIB data sets, see *SMP/E for z/OS Reference*.

GIM26003S THERE IS AN ERROR IN A GIMDDALC CONTROL STATEMENT. THE *operand* OPERAND IS NOT ALLOWED FOR THE SMPTLIB DATA SET.

Explanation:

operand control statement operand

A GIMDDALC control statement for SMPTLIB data sets cannot contain the indicated operand. Only the SPACE, TRACKS, and DIR operands are allowed for SMPTLIB.

System action: Command processing stops.

Programmer response: Correct the control statement and rerun the job. For information on the GIMDDALC control statement and the SMPTLIB data set, see *SMP/E for z/OS Reference*.

GIM26004W THE *operand* OPERAND IS BEING IGNORED SINCE TRANSFERONLY WAS SPECIFIED ON THE RECEIVE COMMAND.

Explanation:

operand name of operand

The named operand is being ignored because the TRANSFERONLY operand was specified.

System action: Processing continues.

Programmer response: If the network package is successfully transferred, rerun the RECEIVE command with the FROMNTS operand specified along with the named operand that was ignored to get the desired results for the RECEIVE command.

GIM26101E THE *operand* OPERAND VALUE SPECIFIED ON THE UCL DEL STATEMENT DOES NOT MATCH THE EXISTING VALUE (*value*) IN THE ENTRY.

Explanation:

operand value specified on the UCL DEL statement.

value subentry value in the existing entry (*prodid vv.rr.mm* for PRODSUP subentries)

The operand on the UCL DEL command did not match the subentry value in the existing entry.

System action: Processing stops for the UCL statement.

Programmer response: Specify the correct value and rerun the UCL statement.

GIM26201I A PREVIOUS ERROR FORCED JCLIN SCANNING TO FAIL.

Explanation: An error explained in a previous message caused the JCLIN command to stop scanning SMPJCLIN.

System action: JCLIN processing stops.

Programmer response: Fix the previous error and rerun the job.

GIM26301E AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. THE ASSEM OR SRC ENTRY NAME COULD NOT BE DETERMINED.

Explanation:

stepname

step name or NONAME

jobname job name or NONAME

This message is preceded by the command in error and its description.

- If NONAME appears as the step name or job name, the error is in the step or job.
- If the error is on the EXEC statement of the failing step, this message may show the step name or job name that precedes the one in error.

This message is issued when SMP/E is attempting to build an ASSEM entry or SRC entry and cannot determine the name to use for the entry after checking all the possible sources of information. For details on the checking SMP/E does, see the sections on building ASSEM entries and SRC entries in the JCLINJCLIN command chapter in *SMP/E for z/OS Commands*.

System action: None.

Programmer response: Fix the error and rerun the job.

GIM26301S AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. THE ASSEM OR SRC ENTRY NAME COULD NOT BE DETERMINED.

Explanation:

stepname

step name or NONAME

jobname job name or NONAME

This message is preceded by the command in error and its description.

- If NONAME appears as the step name or job name, the error is in the step or job.
- If the error is on the EXEC statement of the failing step, this message may show the step name or job name that precedes the one in error.

This message is issued when SMP/E is attempting to build an ASSEM entry or SRC entry and cannot determine the name to use for the entry after checking all the possible sources of information. For details on the checking SMP/E does, see the sections on building ASSEM entries and SRC entries in the JCLINJ command chapter in *SMP/E for z/OS Commands*.

System action: None.

Programmer response: Fix the error and rerun the job.

GIM26302E AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. AN UNKNOWN ERROR OCCURRED FOR A MODULE IN A LINK-EDIT STEP.

Explanation:

stepname

step name or NONAME

jobname job name or NONAME

An undefined error occurred during linkage-editor processing for a module. This message is preceded by the command in error and its description.

- If NONAME appears as the step name or job name, the error is in the step or job.
- If the error is on the EXEC statement of the failing step, this message may show the step name or job name that precedes the one in error.

System action: None.

Programmer response: Fix the error and rerun the job.

GIM26302S AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. AN UNKNOWN ERROR OCCURRED FOR A MODULE IN A LINK-EDIT STEP.

Explanation:

stepname

step name or NONAME

jobname job name or NONAME

An undefined error occurred during linkage-editor processing for a module. This message is preceded by the command in error and its description.

- If NONAME appears as the step name or job name, the error is in the step or job.
- If the error is on the EXEC statement of the failing step, this message may show the step name or job name that precedes the one in error.

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System action: None.

Programmer response: Fix the error and rerun the job.

GIM26303E AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*.
THERE IS A SYNTAX ERROR IN THE COPY CONTROL STATEMENT.

Explanation:

stepname

step name or NONAME

jobname job name or NONAME

There is a syntax error in a copy control statement that was being processed. This message is preceded by the command in error and its description.

- If NONAME appears as the step name or job name, the error is in the step or job.
- If the error is on the EXEC statement of the failing step, this message may show the step name or job name that precedes the one in error.

System action: None.

Programmer response: See *z/OS DFSMSdfp Utilities, SC23-6864*, for the correct syntax of copy control statements. Fix the error and rerun the job.

GIM26303S AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*.
THERE IS A SYNTAX ERROR IN THE COPY CONTROL STATEMENT.

Explanation:

stepname

step name or NONAME

jobname job name or NONAME

There is a syntax error in a copy control statement that was being processed. This message is preceded by the command in error and its description.

- If NONAME appears as the step name or job name, the error is in the step or job.
- If the error is on the EXEC statement of the failing step, this message may show the step name or job name that precedes the one in error.

System action: None.

Programmer response: See *z/OS DFSMSdfp Utilities, SC23-6864*, for the correct syntax of copy control statements. Fix the error and rerun the job.

GIM26304E AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. SMP/E
DID NOT RECOGNIZE THE CHARACTERS ON THE MOD OPERAND IN A LINK-EDIT STEP.

Explanation:

stepname

step name or NONAME

jobname job name or NONAME

SMP/E did not recognize the value specified for the MOD operand on a linkage editor control statement. This message is preceded by the command in error and its description.

- If NONAME appears as the step name or job name, the error is in the step or job.
- If the error is on the EXEC statement of the failing step, this message may show the step name or job name that precedes the one in error.

System action: None.

Programmer response: See *z/OS MVS Program Management: User's Guide and Reference* for the correct syntax of linkage editor control statements. Fix the error and rerun the job.

GIM26304S AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. SMP/E DID NOT RECOGNIZE THE CHARACTERS ON THE MOD OPERAND IN A LINK-EDIT STEP.

Explanation:*stepname*

step name or NONAME

jobname job name or NONAME

SMP/E did not recognize the value specified for the MOD operand on a linkage editor control statement. This message is preceded by the command in error and its description.

- If NONAME appears as the step name or job name, the error is in the step or job.
- If the error is on the EXEC statement of the failing step, this message may show the step name or job name that precedes the one in error.

System action: None.

Programmer response: See *z/OS MVS Program Management: User's Guide and Reference* for the correct syntax of linkage editor control statements. Fix the error and rerun the job.

GIM26305E AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. THE MACRO NAME MUST BE FROM 1 TO 8 CHARACTERS LONG.

Explanation:*stepname*

step name or NONAME

jobname job name or NONAME

When SMP/E was processing assembler statements, it found a macro name with an incorrect length. The length must be from 1 to 8 characters. This message is preceded by the command in error and its description.

- If NONAME appears as the step name or job name, the error is in the step or job.
- If the error is on the EXEC statement of the failing step, this message may show the step name or job name that precedes the one in error.

System action: None.

Programmer response: Fix the error and rerun the job.

GIM26305S AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. THE MACRO NAME MUST BE FROM 1 TO 8 CHARACTERS LONG.

Explanation:*stepname*

step name or NONAME

jobname job name or NONAME

When SMP/E was processing assembler statements, it found a macro name with an incorrect length. The length must be from 1 to 8 characters. This message is preceded by the command in error and its description.

- If NONAME appears as the step name or job name, the error is in the step or job.
- If the error is on the EXEC statement of the failing step, this message may show the step name or job name that precedes the one in error.

System action: None.

Programmer response: Fix the error and rerun the job.

GIM26306E AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. AN I/O ERROR OCCURRED IN THE LAST LINE PROCESSED BY SMP/E.

Explanation:*stepname*

step name or NONAME

jobname job name or NONAME

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An I/O error occurred when SMP/E was processing the utility control statements. This message is preceded by the command in error and its description.

- If NONAME appears as the step name or job name, the error is in the step or job.
- If the error is on the EXEC statement of the failing step, this message may show the step name or job name that precedes the one in error.

System action: None.

Programmer response: Fix the error and rerun the job, if necessary.

GIM26306S AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. AN I/O ERROR OCCURRED IN THE LAST LINE PROCESSED BY SMP/E.

Explanation:

stepname

step name or NONAME

jobname job name or NONAME

An I/O error occurred when SMP/E was processing the utility control statements. This message is preceded by the command in error and its description.

- If NONAME appears as the step name or job name, the error is in the step or job.
- If the error is on the EXEC statement of the failing step, this message may show the step name or job name that precedes the one in error.

System action: None.

Programmer response: Fix the error and rerun the job, if necessary.

GIM26307E AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. THERE IS A SYNTAX ERROR IN A LINK-EDIT CONTROL STATEMENT.

Explanation:

stepname

step name or NONAME

jobname job name or NONAME

There is a syntax error in a link-edit control statement that was being processed. This message is preceded by the command in error and its description.

- If NONAME appears as the step name or job name, the error is in the step or job.
- If the error is on the EXEC statement of the failing step, this message might show the step name or job name that precedes the one in error.
- Modifications were made in SMP/E 3.5 to allow the specification of a UNIX filename as utility input on an INCLUDE statement in a JCLIN link-edit step. This is not possible in SMP/E releases 3.4 or below.

System action: None.

Programmer response: See *z/OS MVS Program Management: User's Guide and Reference* for the correct syntax of linkage editor control statements. Fix the error and rerun the job.

If you are trying to specify a UNIX filename as utility input on an INCLUDE statement in a JCLIN link-edit step, use SMP/E 3.5 to process the JCLIN or SYSMOD that contains the JCLIN.

GIM26307S AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. THERE IS A SYNTAX ERROR IN A LINK-EDIT CONTROL STATEMENT.

Explanation:

stepname

step name or NONAME

jobname job name or NONAME

There is a syntax error in a link-edit control statement that was being processed. This message is preceded by the command in error and its description.

- If NONAME appears as the step name or job name, the error is in the step or job.
- If the error is on the EXEC statement of the failing step, this message might show the step name or job name that precedes the one in error.
- Modifications were made in SMP/E 3.5 to allow the specification of a UNIX filename as utility input on an INCLUDE statement in a JCLIN link-edit step. This is not possible in SMP/E releases 3.4 or below.

System action: None.

Programmer response: See *z/OS MVS Program Management: User's Guide and Reference* for the correct syntax of linkage editor control statements. Fix the error and rerun the job.

If you are trying to specify a UNIX filename as utility input on an INCLUDE statement in a JCLIN link-edit step, use SMP/E 3.5 to process the JCLIN or SYSMOD containing the JCLIN.

GIM26308E AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. SMP/E RAN OUT OF STORAGE WHILE PROCESSING AN ASSEMBLER STEP.

Explanation:

stepname

step name or NONAME

jobname job name or NONAME

SMP/E exceeded its allocated storage while it was processing an assembler step. This message is preceded by the command in error and its description.

- If NONAME appears as the step name or job name, the error is in the step or job.
- If the error is on the EXEC statement of the failing step, this message may show the step name or job name that precedes the one in error.

System action: None.

Programmer response: Increase the REGION size on the EXEC statement for GIMSMP. Then rerun the job.

GIM26308S AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. SMP/E RAN OUT OF STORAGE WHILE PROCESSING AN ASSEMBLER STEP.

Explanation:

stepname

step name or NONAME

jobname job name or NONAME

SMP/E exceeded its allocated storage while it was processing an assembler step. This message is preceded by the command in error and its description.

- If NONAME appears as the step name or job name, the error is in the step or job.
- If the error is on the EXEC statement of the failing step, this message may show the step name or job name that precedes the one in error.

System action: None.

Programmer response: Increase the REGION size on the EXEC statement for GIMSMP. Then rerun the job.

GIM26309E AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. THE MODULE NAME WAS NOT SPECIFIED ON A SYSLMOD DD STATEMENT OR ON A NAME STATEMENT.

Explanation:

stepname

step name or NONAME

jobname job name or NONAME

The name of the module being processed is not on the SYSLMOD DD statement or on a link-edit NAME statement. This message is preceded by the command in error and its description.

- If NONAME appears as the step name or job name, the error is in the step or job.

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- If the error is on the EXEC statement of the failing step, this message may show the step name or job name that precedes the one in error.

System action: None.

Programmer response: Fix the error and rerun the job.

GIM26309S AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. THE MODULE NAME WAS NOT SPECIFIED ON A SYSLMOD DD STATEMENT OR ON A NAME STATEMENT.

Explanation:

stepname

step name or NONAME

jobname job name or NONAME

The name of the module being processed is not on the SYSLMOD DD statement or on a link-edit NAME statement. This message is preceded by the command in error and its description.

- If NONAME appears as the step name or job name, the error is in the step or job.
- If the error is on the EXEC statement of the failing step, this message may show the step name or job name that precedes the one in error.

System action: None.

Programmer response: Fix the error and rerun the job.

GIM26310E AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. THE PGM OPERAND WAS SPECIFIED ON THE EXEC STATEMENT, BUT NO SYSLMOD DD STATEMENT WAS FOUND.

Explanation:

stepname

step name or NONAME

jobname job name or NONAME

SMP/E expected to find a SYSLMOD DD statement because PGM was specified on the EXEC statement. However, there was no SYSLMOD DD statement. This message is preceded by the command in error and its description.

- If NONAME appears as the step name or job name, the error is in the step or job.
- If the error is on the EXEC statement of the failing step, this message may show the step name or job name that precedes the one in error.

System action: None.

Programmer response: Fix the error and rerun the job.

GIM26310S AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. THE PGM OPERAND WAS SPECIFIED ON THE EXEC STATEMENT, BUT NO SYSLMOD DD STATEMENT WAS FOUND.

Explanation:

stepname

step name or NONAME

jobname job name or NONAME

SMP/E expected to find a SYSLMOD DD statement because PGM was specified on the EXEC statement. However, there was no SYSLMOD DD statement. This message is preceded by the command in error and its description.

- If NONAME appears as the step name or job name, the error is in the step or job.
- If the error is on the EXEC statement of the failing step, this message may show the step name or job name that precedes the one in error.

System action: None.

Programmer response: Fix the error and rerun the job.

GIM26311E AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. SMP/E RAN OUT OF STORAGE WHILE PROCESSING A LINK-EDIT STEP.

Explanation:*stepname*

step name or NONAME

jobname job name or NONAME

SMP/E exceeded its allocated storage while it was processing a link-edit step. This message is preceded by the command in error and its description.

- If NONAME appears as the step name or job name, the error is in the step or job.
- If the error is on the EXEC statement of the failing step, this message may show the step name or job name that precedes the one in error.

System action: None.**Programmer response:** Increase the REGION size on the EXEC statement for GIMSMP. Then rerun the job.

GIM26311S AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. SMP/E RAN OUT OF STORAGE WHILE PROCESSING A LINK-EDIT STEP.

Explanation:*stepname*

step name or NONAME

jobname job name or NONAME

SMP/E exceeded its allocated storage while it was processing a link-edit step. This message is preceded by the command in error and its description.

- If NONAME appears as the step name or job name, the error is in the step or job.
- If the error is on the EXEC statement of the failing step, this message may show the step name or job name that precedes the one in error.

System action: None.**Programmer response:** Increase the REGION size on the EXEC statement for GIMSMP. Then rerun the job.

GIM26312E AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. THE DSNAME OPERAND WAS NOT SPECIFIED ON THE EXEC STATEMENT FOR A LINK-EDIT STEP.

Explanation:*stepname*

step name or NONAME

jobname job name or NONAME

The DSNAME operand was not specified on the EXEC statement for a link-edit procedure. This message is preceded by the command in error and its description.

- If NONAME appears as the step name or job name, the error is in the step or job.
- If the error is on the EXEC statement of the failing step, this message may show the step name or job name that precedes the one in error.

System action: None.**Programmer response:** Fix the error and rerun the job.

GIM26312S AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. THE DSNAME OPERAND WAS NOT SPECIFIED ON THE EXEC STATEMENT FOR A LINK-EDIT STEP.

Explanation:*stepname*

step name or NONAME

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jobname job name or NONAME

The DSNAME operand was not specified on the EXEC statement for a link-edit procedure. This message is preceded by the command in error and its description.

- If NONAME appears as the step name or job name, the error is in the step or job.
- If the error is on the EXEC statement of the failing step, this message may show the step name or job name that precedes the one in error.

System action: None.

Programmer response: Fix the error and rerun the job.

GIM26313E AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. A NAME STATEMENT WAS NOT SPECIFIED FOR THE MODULE, OR THE MOD OPERAND WAS NOT SPECIFIED ON THE EXEC STATEMENT FOR A LINK-EDIT STEP.

Explanation:

stepname

step name or NONAME

jobname job name or NONAME

When SMP/E was processing a link-edit step, it encountered a module that was not specified on a link-edit NAME statement or on the MOD operand of the EXEC statement for the link-edit procedure. This message is preceded by the command in error and its description.

- If NONAME appears as the step name or job name, the error is in the step or job.
- If the error is on the EXEC statement of the failing step, this message may show the step name or job name that precedes the one in error.

System action: None.

Programmer response: Fix the error and rerun the job.

GIM26313S AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. A NAME STATEMENT WAS NOT SPECIFIED FOR THE MODULE, OR THE MOD OPERAND WAS NOT SPECIFIED ON THE EXEC STATEMENT FOR A LINK-EDIT STEP.

Explanation:

stepname

step name or NONAME

jobname job name or NONAME

When SMP/E was processing a link-edit step, it encountered a module that was not specified on a link-edit NAME statement or on the MOD operand of the EXEC statement for the link-edit procedure. This message is preceded by the command in error and its description.

- If NONAME appears as the step name or job name, the error is in the step or job.
- If the error is on the EXEC statement of the failing step, this message may show the step name or job name that precedes the one in error.

System action: None.

Programmer response: Fix the error and rerun the job.

GIM26314E AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. THE LIBRARYDD COMMENT CARD IS MISSING AFTER PATH WAS SPECIFIED ON THE *ddname* DD STATEMENT.

Explanation:

stepname

step name

jobname job name

ddname ddname

A link-edit job step contained a DD statement specifying the PATH operand. SMP/E expected the next statement immediately after that DD statement to be a LIBRARYDD comment statement. However, this was not the case. Either the LIBRARYDD comment statement was actually missing, or other statements (such as another DD statement) came between it and the DD statement specifying the PATH operand.

Here is an example where the LIBRARYDD comment statement is missing after the SYSLMOD DD statement.

```
//STEP1 EXEC PGM=IEWBLINK,PARM='RENT,REUS'
//SYSLMOD DD PATH='/path_name1/'
//AOS12 DD DSN=SYS1.AOS12,DISP=SHR <-- need LIBRARYDD
//SYSLIN DD *
    INCLUDE AOS12(MOD000001)
    INCLUDE AOS12(MOD000002)
    ENTRY MOD000001
    NAME LMOD01(R)
/*
```

This is JCL updated to include the missing LIBRARYDD comment:

```
//STEP1 EXEC PGM=IEWBLINK,PARM='RENT,REUS'
//SYSLMOD DD PATH='/path_name1/'
/*LIBRARYDD=BPXLOAD1
//AOS12 DD DSN=SYS1.AOS12,DISP=SHR
//SYSLIN DD *
    INCLUDE AOS12(MOD000001)
    INCLUDE AOS12(MOD000002)
    ENTRY MOD000001
    NAME LMOD01(R)
/*
```

System action: SYSMOD processing stops.

Programmer response: Include the appropriate LIBRARYDD comment statement immediately after the DD statement specifying the PATH operand, and rerun the job.

GIM26314S AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. THE LIBRARYDD COMMENT CARD IS MISSING AFTER PATH WAS SPECIFIED ON THE *ddname* DD STATEMENT.

Explanation:

stepname step name
jobname job name
ddname ddname

SMP/E was processing the JCLIN command. A link-edit job step contained a DD statement specifying the PATH operand. SMP/E expected the next statement immediately after that DD statement to be a LIBRARYDD comment statement. However, this was not the case. Either the LIBRARYDD comment statement was actually missing, or other statements (such as another DD statement) came between it and the DD statement specifying the PATH operand.

Here is an example where the LIBRARYDD comment statement is missing after the SYSLMOD DD statement.

```
//STEP1 EXEC PGM=IEWBLINK,PARM='RENT,REUS'
//SYSLMOD DD PATH='/path_name1/'
//AOS12 DD DSN=SYS1.AOS12,DISP=SHR <-- need LIBRARYDD
//SYSLIN DD *
    INCLUDE AOS12(MOD000001)
    INCLUDE AOS12(MOD000002)
    ENTRY MOD000001
    NAME LMOD01(R)
/*
```

This is JCL updated to include the missing LIBRARYDD comment:

```
//STEP1 EXEC PGM=IEWBLINK,PARM='RENT,REUS'
//SYSLMOD DD PATH='/path_name1/'
/*LIBRARYDD=BPXLOAD1
```


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```
//AOS12 DD DSN=SYS1.AOS12,DISP=SHR
//SYSLIN DD *
  INCLUDE AOS12(MOD000001)
  INCLUDE AOS12(MOD000002)
  ENTRY MOD000001
  NAME LMOD01(R)
/*
```

System action: Command processing stops.

Programmer response: Include the appropriate LIBRARYDD comment statement immediately after the DD statement specifying the PATH operand, and rerun the job.

GIM26315E AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. NO VALUE WAS SPECIFIED ON THE LIBRARYDD COMMENT STATEMENT.

Explanation:

stepname

step name

jobname job name

A link-edit job step contained a DD statement specifying the PATH operand. The next statement immediately after that DD statement was a LIBRARYDD comment statement, as SMP/E requires, but no ddname was specified on the comment.

System action: SYSMOD processing stops.

Programmer response: Include the appropriate ddname on the LIBRARYDD comment, and rerun the job.

GIM26315S AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. NO VALUE WAS SPECIFIED ON THE LIBRARYDD COMMENT STATEMENT.

Explanation:

stepname

step name

jobname job name

SMP/E was processing the JCLIN command. A link-edit job step contained a DD statement specifying the PATH operand. The next statement immediately after that DD statement was a LIBRARYDD comment statement, as SMP/E requires, but no ddname was specified on the comment.

System action: Command processing stops.

Programmer response: Include the appropriate ddname on the LIBRARYDD comment, and rerun the job.

GIM26316E AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. THE INCLUDE STATEMENT FOR A LINK-EDIT STEP USED A FILE NAME (MEMBER NAME) WHICH WAS UNACCEPTABLE TO SMP/E.

Explanation:

stepname

step name

jobname job name

A file name (member name) was found on the INCLUDE statement that was either greater than 8 characters in length or contained characters other than uppercase alphabetic (A-Z), numeric (0-9), or national (@,#,\$). This type of value is acceptable in SMP/E only when the INCLUDE statement is identified as utility input with a TYPE=UTIN comment.

System action: SYSMOD processing stops.

Programmer response: Determine whether the file is a utility input file. If it is, add the TYPE=UTIN comment to the INCLUDE statement. If it is not a utility input file, modify the file name so that it is 1-8 uppercase alphabetic (A-Z), numeric (0-9), or national (@,#,\$) characters. Then rerun the job.

GIM26316S AN ERROR OCCURRED DURING JCLIN PROCESSING OF STEP *stepname* IN JOB *jobname*. THE INCLUDE STATEMENT FOR A LINK-EDIT STEP USED A FILE NAME (MEMBER NAME) WHICH WAS UNACCEPTABLE TO SMP/E.

Explanation:*stepname*

step name

jobname job name

A file name was found on the INCLUDE statement that was greater than 8 characters in length or contained a character other than uppercase alphabetic (A-Z), numeric (0-9), or national (@,#,\$). This type of file name can only be specified as a utility input file in a link-edit job step.

System action: SYSMOD processing stops.

Programmer response: Determine whether the file is a utility input file. If it is, add the TYPE=UTIN comment to the INCLUDE statement. If it is not a utility input file, modify the file name so that it is 1-8 uppercase alphabetic (A-Z), numeric (0-9), or national (@,#,\$) characters. Then rerun the job.

GIM26401E THE *dddef* DDDEF ENTRY CANNOT HAVE MORE THAN ONE VOLUME SERIAL NUMBER.

Explanation:*dddef* name of the DDDEF entry

A UCL statement for the indicated DDDEF entry specified more than one volume serial number. This is not allowed. Only an SMPTLIB DDDEF entry can have more than one volume serial number.

System action: Processing for the UCL statement stops.

Programmer response: Specify one volume serial number, and rerun the statement.

GIM26501W THE *subentry* SUBENTRY WAS NOT CHANGED OR ADDED IN ANY *entry* ENTRIES.

Explanation:*subentry*

subentry specified on the IF or CHANGE statement

entry entry specified on the ZONEEDIT statement

No changes or additions were made by the ZONEEDIT command because the specified subentry did not exist or all entries that match the criteria already have a subentry value.

Note: UNIT, VOLUME, and WAITFORDSN subentries are only added to DDDEF entries that have a DATASET subentry.

System action: Processing continues.

Programmer response: If you want to make the change or addition, specify the correct subentry and criteria on the IF or CHANGE statement, then rerun the ZONEEDIT command. Otherwise, no action is required.

GIM26601I LINKAGE EDITOR INPUT CONTAINS AN ERROR.

Explanation: During JCLIN processing, SMP/E found an error in a link-edit statement being scanned. A prior message indicates the error.

System action: JCLIN processing stops.

Programmer response: Fix the error and rerun the job.

GIM26602I COPY INPUT CONTAINS AN ERROR.

Explanation: During JCLIN processing, SMP/E found an error in a copy statement being scanned. A prior message indicates the error.

System action: JCLIN processing stops.

Programmer response: Fix the error and rerun the job.

GIM26603I ASSEMBLER INPUT CONTAINS AN ERROR.

Explanation: During JCLIN processing, SMP/E found an error in an assembler statement being scanned. A prior message indicates the error.

System action: JCLIN processing stops.

Programmer response: Fix the error and rerun the job.

GIM26701E DIRECTORY SPACE FOR THE *library* LIBRARY WAS EXCEEDED DURING AN ATTEMPT TO STORE *enttype* ENTRY *entname*.

Explanation:

library ddname of the library being processed

enttype entry type

entname

entry name

When SMP/E tried to store the element in the indicated library, it exceeded the number of directory blocks allocated to the library.

System action: SMP/E does not store the member. Messages that follow this message show SMP/E's action.

Programmer response: Increase the directory block allocation for the indicated library and rerun the job.

GIM26701I DIRECTORY SPACE FOR THE *library* LIBRARY WAS EXCEEDED DURING AN ATTEMPT TO STORE *enttype* ENTRY *entname*.

Explanation:

library ddname of library being processed

enttype entry type

entname

entry name

When SMP/E tried to store the element in the indicated library, it exceeded the number of directory blocks allocated to the library.

System action: SMP/E does not store the member. Messages that follow this message show the actions taken by SMP/E.

Programmer response: Increase the directory block allocation for the indicated library and rerun the job if necessary.

GIM26701S DIRECTORY SPACE FOR THE *library* LIBRARY WAS EXCEEDED DURING AN ATTEMPT TO STORE *enttype* ENTRY *entname*.

Explanation:

library ddname of the library being processed

enttype entry type

entname

entry name

When SMP/E tried to store the element in the indicated library, it exceeded the number of directory blocks allocated to the library.

System action: SMP/E does not store the member. Messages that follow this message show SMP/E's action.

Programmer response: Increase the directory block allocation for the indicated library and rerun the job.

GIM26801E AN I/O ERROR OCCURRED DURING AN ATTEMPT TO STORE *elmttype elmname* ON THE *library* LIBRARY.

Explanation:

elmttype element type
elmname element name
library ddname of library

An I/O error occurred when SMP/E tried to store the element on the indicated library.

System action: The element is not stored. Processing ends for the indicated element.

Programmer response: Fix the error and rerun the job.

GIM26801T AN I/O ERROR OCCURRED DURING AN ATTEMPT TO STORE *enttype entname* ON THE *library* LIBRARY.

Explanation:

enttype entry type
entname entry name
library ddname of the library being processed

An I/O error occurred when SMP/E tried to store the entry on the indicated library.

System action: SMP/E does not store the entry. SMP/E processing ends, as shown by the messages that follow this message.

Programmer response: Fix the error and rerun the job.

GIM26901T AN I/O ERROR OCCURRED DURING BLDL PROCESSING FOR *enttype entname* ON THE *library* LIBRARY.

Explanation:

enttype entry type
entname entry name
library ddname of the library being processed

A BLDL operation caused an I/O error on the indicated library.

System action: SMP/E processing fails.

Programmer response: Fix the error and rerun the job.

GIM26902T AN I/O ERROR OCCURRED DURING BLDL PROCESSING FOR *enttype entname* ON THE *zonename* ZONE.

Explanation:

enttype entry type
entname entry name
zonename name of the zone being processed

A BLDL operation caused an I/O error on the indicated zone.

System action: SMP/E processing fails.

Programmer response: Fix the error and rerun the job.

GIM27001I THE *library* LIBRARY WAS NOT PROTECTED BECAUSE RACF IS NOT ACTIVE OR NOT INSTALLED.

Explanation:

library ddname of the library being processed

PROTECT was specified in the DDDEF entry for the indicated data set so that it would be RACF-protected. SMP/E successfully allocated the data set. However, because RACF® is not active or installed, the data set was not RACF-protected.

Note: No data set name was specified in the DDDEF entry or DD statement for the library. Therefore, this message shows the ddname instead of the system-generated data set name.

System action: Processing continues.

Programmer response:

- If the data set you allocated is new and will be kept after the job step (such as the SMPTLIB data sets), and you want the data set to be RACF-protected, do **one** of the following:
 - Activate RACF, if it was not active.
 - Install RACF and rerun the job.
 - RACF-protect the data set outside of SMP/E.
- If the data set will not be kept after the job step, or if the data set does not have to be protected, no action is required.

GIM27002I DATA SET *dataset* WAS NOT PROTECTED BECAUSE RACF IS NOT ACTIVE OR NOT INSTALLED.

Explanation:

dataset data set name of the library being processed

PROTECT was specified in the DDDEF entry for the indicated data set so that it would be RACF-protected. SMP/E successfully allocated the data set. However, because RACF is not active or installed, the data set was not RACF-protected.

System action: Processing continues.

Programmer response:

- If the data set you allocated is new and will be kept after the job step (such as the SMPTLIB data sets), and you want the data set to be RACF-protected, do **one** of the following:
 - Activate RACF, if it was not active.
 - Install RACF and rerun the job.
 - RACF-protect the data set outside of SMP/E.
- If the data set will not be kept after the job step, or if the data set does not have to be protected, no action is required.

GIM27101E SMPTLIB *smptlib* WAS NOT PROTECTED BECAUSE THE USER IS NOT DEFINED TO RACF.

Explanation:

smptlib data set name of the SMPTLIB data set

During RECEIVE processing, SMP/E attempted to allocate the indicated SMPTLIB data set with RACF protection because PROTECT was specified in the DDDEF entry. However, the user who submitted the job was not defined to RACF, so the data set could not be protected.

System action: Command processing stops.

Programmer response:

- If you want the data set to be RACF-protected, define the user to RACF.
- If the data set does not have to be protected, remove the PROTECT operand from the SMPTLIB DDDEF.

Fix the error and rerun the RECEIVE command.

GIM27201S THE *operand* OPERAND IS NOT ALLOWED IN REJECT MASS MODE.**Explanation:**

operand DELETEFMID or TARGETZONE

DELETEFMID and TARGETZONE cannot be specified during mass mode REJECT processing.

- DELETEFMID is only allowed for NOFMID mode.
- TARGETZONE is only allowed for PURGE mode.

System action: REJECT processing stops.

Programmer response:

- If you want the processing indicated by the DELETEFMID or TARGETZONE operands, see *SMP/E for z/OS Commands* for an explanation of these operands and the modes of REJECT processing.
- Remove DELETEFMID or TARGETZONE from the REJECT command.

Fix the error and rerun the REJECT command.

GIM27301W THE ELEMENT OR JCLIN DATA (TEXT OR OBJECT) IS MISSING.

Explanation: During command processing, one of the following occurred:

- SMP/E could not find either inline text or object records that were to follow an SMP/E element MCS.
- SMP/E could not find any input in the JCLIN input file. This file may be the FROMDS, RELFILE, SMPJCLIN, or TXLIB data set, or it may refer to data packaged inline after the ++JCLIN MCS.

System action: Processing continues with the next MCS.

Programmer response: Do **one** of the following:

- Add an object deck or text deck after the element MCS statements for the elements that are not in a FROMDS, LKLIB, RELFILE, or TXLIB data set.
- Add JCL to the JCLIN input data set.

Then rerun the command.

GIM27301E THE ELEMENT OR JCLIN DATA (TEXT OR OBJECT) IS MISSING.

Explanation: During command processing, one of the following occurred:

- SMP/E could not find either inline text or object records that were to follow an SMP/E element MCS.
- SMP/E could not find any input in the JCLIN input file. This file may be the FROMDS, RELFILE, SMPJCLIN, or TXLIB data set, or it may refer to data packaged inline after the ++JCLIN MCS.

System action: SYSMOD processing stops.

Programmer response: Do **one** of the following:

- Add an object deck or text deck after the element MCS statements for the elements that are not in a FROMDS, LKLIB, RELFILE, or TXLIB data set.
- Add JCL to the JCLIN input data set.

Then rerun the command.

GIM27301S THE ELEMENT OR JCLIN DATA (TEXT OR OBJECT) IS MISSING.

Explanation: During command processing, one of the following occurred:

- SMP/E could not find either inline text or object records that were to follow an SMP/E element MCS.
- SMP/E could not find any input in the JCLIN input file. This file may be the FROMDS, RELFILE, SMPJCLIN, or TXLIB data set, or it may refer to data packaged inline after the ++JCLIN MCS.

System action: SYSMOD processing stops.

Programmer response: Do **one** of the following:

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- Add an object deck or text deck after the element MCS statements for the elements that are not in a FROMDS, LKLIB, RELFILE, or TXLIB data set.
- Add JCL to the JCLIN input data set.

Then rerun the command.

GIM27401E I/O ERROR - *jobname, stepname, address, device, lib, action, description, access_method, optional_PDSE_data*
I/O ERROR - *jobname, stepname, address, device, lib, action, description, rbn, access_method,*
optional_PDSE_data I/O ERROR - *jobname, stepname, address, device, lib, action, description, track_address,*
block_number, access_method, optional_PDSE_data

Explanation: An I/O error occurred when SMP/E was processing the indicated data set. The message corresponds to the SYNADAF information listed in *z/OS DFSMS Macro Instructions for Data Sets, SC23-6852*.

If the data set being analyzed is a PDSE, the message also includes the following information:

1. Concatenation number
2. TTR token of member
3. Relative record number
4. SMS return code
5. SMS reason code

System action: The messages following this message show SMP/E's action.

Programmer response: Check for correct DCB information on the input DD statement (especially for a non-labeled tape). Fix the error and rerun the job.

GIM27401T I/O ERROR - *jobname, stepname, address, device, lib, action, description, access_method, optional_PDSE_data*
I/O ERROR - *jobname, stepname, address, device, lib, action, description, rbn, access_method,*
optional_PDSE_data I/O ERROR - *jobname, stepname, address, device, lib, action, description, track_address,*
block_number, access_method, optional_PDSE_data

Explanation: An I/O error occurred when SMP/E was processing the indicated data set. The message corresponds to the SYNADAF information listed in *z/OS DFSMS Macro Instructions for Data Sets, SC23-6852*.

If the data set being analyzed is a PDSE, the message also includes the following information:

1. Concatenation number
2. TTR token of member
3. Relative record number
4. SMS return code
5. SMS reason code

System action: The messages following this message show SMP/E's action.

Programmer response: Check for correct DCB information on the input DD statement (especially for a non-labeled tape). Fix the error and rerun the job.

GIM27501I YOU MAY WANT TO REJECT FUNCTION *fmid* BECAUSE IT NO LONGER APPLIES TO THE GLOBAL ZONE.

Explanation:

fmid FMID of the function SYSMOD

During the NOFMID mode of REJECT processing, SMP/E found that the indicated dependent function was defined by an FMID subentry in the global zone. Because its FMID was not specified on DELETEFMID, the dependent function was not deleted. However, the base function to which this dependent function applies no longer has an FMID subentry in the global zone. Without the base function, there is no need for the dependent function.

System action: REJECT processing continues. The dependent function is not rejected.

Programmer response: Because the base function for the dependent function is no longer defined in the global zone, the dependent function is probably not required either. Do **one** of the following:

- If you want to reject the dependent function, run the **REJECT NOFMID DELETEFMID(*fmid*)** command to reject the function and the SYSMODs that apply to it.

- If you do not want to reject the dependent function, no action is required.

GIM27601E *operand1* AND *operand2* ARE MUTUALLY EXCLUSIVE OPERANDS.
Explanation:*operand1*

first operand

operand2

second operand

The indicated operands are not allowed on the same UCL statement.

System action: Processing stops for the UCL statement.

Programmer response: Fix the error and rerun the job.

GIM27601S *operand1* AND *operand2* ARE MUTUALLY EXCLUSIVE OPERANDS.
Explanation:*operand1*

first operand

operand2

second operand

The indicated operands are not allowed on the same MCS statement.

System action: When the operands are specified on the same MCS statement, processing stops for the SYSMOD. When the operands are specified on the same command, command processing stops.

Programmer response: Fix the error and rerun the job.

GIM27601T *operand1* AND *operand2* ARE MUTUALLY EXCLUSIVE OPERANDS.
Explanation:*operand1*

first operand

operand2

second operand

The indicated operands are not allowed on the same command.

System action: Command processing stops.

Programmer response: Fix the error and rerun the job.

GIM27602E A SPECIFIED OPERAND IS NOT ALLOWED FOR THE *dataset* DATA SET.
Explanation:*dataset* data set name

An operand specified on a UCL statement is not allowed for the library that is being updated.

System action: SMP/E does not update the member being processed in the indicated data set.

Programmer response: See the description of the UCLIN command in *SMP/E for z/OS Commands* to see which operands are allowed for the data set being processed.

Fix the error and rerun the job.

GIM27605S *variable* IS NOT A VALID SUBSTITUTION VARIABLE WITHIN A FIREWALL COMMAND.

Explanation:

variable substitution variable

A substitution variable that was specified within a firewall command is not supported. The supported substitution variables are &ACCOUNT;, &PORT;, &PW;, &REMOTE_ACCOUNT;, &REMOTE_HOST;, &REMOTE_PORT;, &REMOTE_PW;, &REMOTE_USER;, AND &USER;.

System action: Processing stops.

Programmer response: Correct the error and rerun the job.

GIM27650S *keyword1* AND *keyword2* ARE MUTUALLY EXCLUSIVE.

Explanation:

keyword1

first keyword

keyword2

second keyword

The file attribute file cannot contain both of the indicated keywords.

System action: Processing stops.

Programmer response: Correct the error and rerun the job

GIM27701W *enttype* ENTRY *entname* DOES NOT EXIST. THE REPLACE OPERATION HAS BEEN CHANGED TO AN ADD.

Explanation:

enttype entry type

entname

entry name or *prodid vv.rr.mm* for PRODUCT entries

SMP/E could not find the entry specified on the UCL REP statement. It assumed you wanted to add the entry.

System action: Processing continues.

Programmer response: Do **one** of the following:

- If you did want to add the indicated entry, no action is required.
- If you did not want to add the indicated entry, do the following:
 - Check whether the UCL REP statement specifies the correct entry name.
 - Check whether the preceding SET BDY command specifies the correct zone.
 - Check that the ZONEINDEX subentry in the global zone specifies the correct SMPCSI data set.

Fix the error and rerun the statement.

GIM27801S THE EXCLUDEZONE OPERAND SPECIFIED ALL THE ZONES IN THE ZONEINDEX SUBENTRIES. NO ZONES ARE LEFT TO CHECK.

Explanation: During REJECT processing, SMP/E found that EXCLUDEZONE listed all the zones specified by zone indexes in the global zone. There were no zones left for SMP/E to check.

System action: REJECT processing stops. Processing continues with the next command.

Programmer response: Do **one** of the following:

- Look at the zones listed in the EXCLUDEZONE operand. If you want SMP/E to check any of the zones listed there during REJECT processing, remove that zone from the EXCLUDEZONE operand.
- If you are trying to force SMP/E to reject SYSMODs, use BYPASS with APPLYCHECK and ACCEPTCHECK in SELECT mode to skip the check processing.

Then rerun the command.

GIM27901S A VSAM ERROR OCCURRED DURING AN ATTEMPT TO ACCESS AN SMPCSI DATA SET –
VPLFUNCT = *vplfunct*.

Explanation:

vplfunct VPLFUNCT value

A VSAM error occurred when SMP/E tried to access an SMPCSI data set.

System action: Generally, SMP/E will continue processing. However, system action depends on the severity of the VSAM error.

Programmer response: Follow these steps:

1. Look up any other messages you got in conjunction with this message. You may be able to solve the problem without obtaining additional information.
2. Report the problem to the IBM Support Center.

Chapter 3, “Diagnosing SMP/E problems,” on page 503 contains more information about how to handle VSAM problems.

GIM28002I SMPTLIB *smptlib* WAS NOT DELETED BECAUSE VOLUME INFORMATION WAS NOT SPECIFIED.

Explanation:

smptlib SMPTLIB data set name

The command being processed required SMP/E to delete the indicated SMPTLIB data set. However, SMP/E could not find the data set through the catalog, and no volume information was provided in an SMPTLIB DDDEF entry or DD statement.

System action: Command processing continues.

Programmer response: Decide whether it is really necessary to delete the SMPTLIB data set. If so, delete the data set outside of SMP/E.

GIM28101E SYSMOD *sysmod* CONTAINS MORE THAN ONE MCS FOR ELEMENT *elmname*. ONLY ONE IS ALLOWED.

Explanation:

sysmod SYSMOD ID

elmname

element name

During RECEIVE processing, SMP/E found two MCS statements that specified the same element in one SYSMOD.

System action: SYSMOD processing stops.

Programmer response: Fix the MCS statements so that they do not specify the same element. Then rerun the job.

GIM28201S ZONE *zonename* WAS NOT PROCESSED BECAUSE IT IS A *zonetype* ZONE AND *operand* WAS SPECIFIED.

Explanation:

zonename

zone name

zonetype

DLIB or TARGET

operand TARGETZONE or DLIBZONE

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During REPORT processing, SMP/E found that a zone specified on the FORZONE operand is the wrong type of zone for the zone type that was specified. For example, TARGETZONE was specified, but the indicated zone is a distribution zone, or DLIBZONE was specified and the indicated zone is a target zone.

System action: Command processing stops.

Programmer response: Do **one** of the following:

- Make sure all the zones specified on the FORZONE operand are target zones if TARGETZONE was specified, or are distribution zones if DLIBZONE was specified.
- Do not specify FORZONE. In this case, SMP/E will automatically process only the zones that are the same type as one you specified.

GIM28301E ALLOCATION FAILED FOR *dataset*, WHICH IS REQUIRED IN ORDER TO PROCESS LOAD MODULE *loadmod*. THE SYSMOD IS *sysmod*.

Explanation:

dataset ddname of the required data set
loadmod load module name
sysmod SYSMOD ID

The indicated data set could not be allocated.

System action: Subsequent messages in SMP/OUT show SMP/E's action.

Programmer response: Do **one** of the following:

- Add the required DD statement.
- Create a DDDEF entry for the data set.
- Correct the DDDEF entry for the indicated data set.

Then rerun the job.

Note: For specific information about the allocation failure and how to correct the problem, see the explanations of the previous allocation failure messages.

GIM28302W ALLOCATION FAILED FOR *dataset*, WHICH IS REQUIRED FOR COMPRESS PROCESSING.

Explanation:

dataset ddname of the required data set

The indicated data set could not be allocated.

System action: Subsequent messages in SMP/OUT show SMP/E's action.

Programmer response: Do **one** of the following:

- Add the required DD statement.
- Create a DDDEF entry for the data set.
- Correct the DDDEF entry for the indicated data set.

Then rerun the job.

Note: For specific information about the allocation failure and how to correct the problem, see the explanations of the previous allocation failure messages.

GIM28303E ALLOCATION FAILED FOR *dataset*, WHICH IS REQUIRED IN ORDER TO PROCESS SYSMOD *sysmod*.

Explanation:

dataset ddname of the required data set
sysmod SYSMOD ID

The indicated data set could not be allocated.

System action: Subsequent messages in SMP/OUT show SMP/E's action.

Programmer response: Do **one** of the following:

- Add the required DD statement.
- Create a DDDEF entry for the data set.
- Correct the DDDEF entry for the indicated data set.

Then rerun the job.

Note: For specific information about the allocation failure and how to correct the problem, see the explanations of the previous allocation failure messages.

GIM28304I ALLOCATION FAILED FOR SMPLOGA.

Explanation: The SMPLOGA data set could not be allocated.

System action: Subsequent messages in SMPOUT show SMP/E's action.

Programmer response: Do **one** of the following:

- Add the SMPLOGA DD statement.
- Create an SMPLOGA DDDEF entry.
- Correct the DDDEF entry for SMPLOGA.

Then rerun the job.

GIM28305T THE SMPCSI DD STATEMENT IS MISSING.

Explanation: The SMPCSI DD statement is missing or specifies the wrong ddname. This DD statement points to the SMPCSI data set that contains the global zone.

System action: SMP/E processing fails.

Programmer response: Do **one** of the following:

- Add the SMPCSI DD statement.
- Specify the SMPCSI data set name on the CSI operand of the EXEC statement for GIMSMP.
- Correct the ddname.

Then rerun the job.

GIM28306I ALLOCATION FAILED FOR *dataset*.

Explanation:

dataset ddname of the required data set

The indicated data set could not be allocated.

System action: Subsequent messages in SMPOUT show SMP/E's action.

Programmer response: Do **one** of the following:

- Add the required DD statement.
- Create a DDDEF entry for the data set.
- Correct the DDDEF entry for the indicated data set.

Then rerun the job.

Note: Make sure that DDDEF SMPCNTL is not NULL.

GIM28306W ALLOCATION FAILED FOR *dataset*.

Explanation:

dataset ddname of the required data set

The indicated data set could not be allocated.

System action: Subsequent messages in SMPOUT show SMP/E's action.

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Programmer response: Do **one** of the following:

- Add the required DD statement.
- Create a DDDEF entry for the data set.
- Correct the DDDEF entry for the indicated data set.

Then rerun the job.

Note: Make sure that DDDEF SMP_CNTL is not NULL.

GIM28306E ALLOCATION FAILED FOR *dataset*.

Explanation:

dataset ddname of the required data set

The indicated data set could not be allocated.

System action: Subsequent messages in SMPOUT show SMP/E's action.

Programmer response: Do **one** of the following:

- Add the required DD statement.
- Create a DDDEF entry for the data set.
- Correct the DDDEF entry for the indicated data set.

Then rerun the job.

Note: Make sure that DDDEF SMP_CNTL is not NULL.

GIM28306S ALLOCATION FAILED FOR *dataset*.

Explanation:

dataset ddname of the required data set

The indicated data set could not be allocated.

System action: Subsequent messages in SMPOUT show SMP/E's action.

Programmer response: Do **one** of the following:

- Add the required DD statement.
- Create a DDDEF entry for the data set.
- Correct the DDDEF entry for the indicated data set.

Then rerun the job.

Note: Make sure that DDDEF SMP_CNTL is not NULL.

GIM28306T ALLOCATION FAILED FOR *dataset*.

Explanation:

dataset ddname of the required data set

The indicated data set could not be allocated.

System action: Subsequent messages in SMPOUT show SMP/E's action.

Programmer response: Do **one** of the following:

- Add the required DD statement.
- Create a DDDEF entry for the data set.
- Correct the DDDEF entry for the indicated data set.

Then rerun the job.

Note: Make sure that DDDEF SMP_CNTL is not NULL.

GIM28307E ALLOCATION FAILED FOR *dataset*, WHICH IS REQUIRED IN ORDER TO PROCESS ELEMENT *element* IN SYSMOD *sysmod*.

Explanation:

dataset ddname of the required data set
element element name
sysmod SYSMOD ID

The indicated data set could not be allocated.

System action: Subsequent messages in SMPOUT show SMP/E's action.

Programmer response: Do **one** of the following:

- Add the required DD statement.
- Create a DDDEF entry for the data set.
- Correct the DDDEF entry for the indicated data set.

Then rerun the job.

Note: For specific information about the allocation failure and how to correct the problem, see the explanations of the previous allocation failure messages.

GIM28308E ALLOCATION FAILED FOR *smptload* WHICH IS REQUIRED IN ORDER TO PROCESS *elmttype* ELEMENT *elmname* IN SYSMOD *sysmod*.

Explanation:

smptload SMPTLOAD
elmttype element type
elmname element name
sysmod name of SYSMOD containing element

An inline element is an unloaded member and its aliases from a partitioned data set (for example, an inline element for a ++PROGRAM MCS). The original partitioned data set was either a PDS or a PDSE.

The reloading of the element must be done to a data set of the same kind (PDS or PDSE) as the originating data set for the element. If the target or distribution library that is to ultimately receive the element is not of the same type as the originating data set for the element, SMP/E allocates a temporary data set of the proper type to the SMPTLOAD DD statement and invokes the copy utility to reload the element prior to copying it into its target or distribution library.

Since the allocation of the SMPTLOAD data set failed, SMP/E is unable to reload the element to a data set of the proper type. Hence SMP/E processing for the element fails.

System action: Processing stops for the element and the SYSMOD containing the element.

Programmer response: Message GIM54701E has been issued previously in the SMP/E output when the allocation error for SMPTLOAD was first encountered. Find this message and determine from it why the allocation failed. Correct the problem and try to install the SYSMOD containing the element again.

GIM28309I ALLOCATION FAILED FOR *ddname* WHICH WAS MODELED AFTER *modeldd*. *ddname* IS NEEDED IN ORDER TO PROCESS *elmttype* ELEMENT *elmname* IN SYSMOD *sysmod*.

Explanation:

ddname ddname
modeldd model ddname
elmttype element type
elmname element name
sysmod name of SYSMOD supplying element

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ddname is needed in order to process *elmttype* element *elmname*. The allocation of *ddname* was attempted using *modeldd* as a model. This allocation attempt failed.

System action: Processing stops for both the element and the SYSMOD supplying the element.

Programmer response: See the explanations for previous allocation failure messages that identify why the allocation could not be done.

GIM28310I INFORMATION RETRIEVAL FAILED FOR *ddname*. INFORMATION ABOUT LIBRARY *ddname* IS NEEDED BEFORE SMP/E CAN INSTALL *elmttype* ELEMENT *elmname* FROM SYSMOD *sysmod* INTO *ddname*.

Explanation:

ddname ddname
elmttype element type
elmname element name
sysmod name of SYSMOD supplying element

Information about library *ddname*, such as DSNTYPE, is needed to process *elmttype* element *elmname*. Because this information could not be obtained, SMP/E was not able to process element *elmname*.

System action: Processing stops for both the element and the SYSMOD supplying the element.

Programmer response: See the explanations for previous information retrieval failure messages that indicate why the information about the data set could not be obtained.

GIM28311E ALLOCATION FAILED FOR *ddname* WHICH WAS MODELED AFTER *modeldd*. THE REASON CODE WAS *rsncode*. *ddname* IS NEEDED TO PROCESS *elmttype* ELEMENT *elmname* IN SYSMOD *sysmod*.

Explanation:

ddname ddname
modeldd model ddname
rsncode reason code for the failure
elmttype element type
elmname element name
sysmod name of SYSMOD supplying element

ddname is needed to process the specified element. The allocation of *ddname* was attempted using *modeldd* as a model. This allocation attempt failed. The reason codes and their meanings are:

1. The *ddname* being allocated may not be the same as the *modeldd*.
2. The *modeldd* must have been previously allocated.
3. If *modeldd* is SYSOUT, it must be defined with a DDDEF
4. If the *modeldd* is SYSOUT, it must be defined with a SYSOUT class. If the *modeldd* is not a SYSOUT, it must not be defined with a SYSOUT class.
5. The *ddname* is already allocated.
6. A DD statement already exists for *ddname*.

System action: Processing stops for both the element and the SYSMOD supplying the element.

Programmer response: Correct the error and rerun the job

GIM28401E THE LOAD MODULE ON THE ZAP NAME STATEMENT FOR MODULE *modname* IN SYSMOD *sysmod* IS NOT AN LMOD SUBENTRY IN THE MOD ENTRY FOR *modname*.

Explanation:

modname module name
sysmod SYSMOD ID

The load module name specified on a superzap NAME statement is not in the target zone as a valid load module for the specified module.

System action: SYSMOD processing stops. Processing continues with the next SYSMOD.

Programmer response: Fix or remove the load module name from the superzap NAME statement and rerun the job.

Note: If a valid load module name was specified on the ALIAS operand, use the name that is in the target zone and not in the ALIAS operand.

GIM28501W COMPRESS PROCESSING FAILED FOR THE *library* LIBRARY BECAUSE IT IS AN UNMOVABLE DATA SET.

Explanation:

library ddname of the library

SMP/E cannot compress the indicated library because it has location-dependent data.

System action: The indicated library is not compressed. Processing continues with the next library.

Programmer response: None.

GIM28600W LMOD *loadmod* CONTAINS MODULES NOT OWNED BY FMID *fnid*. THESE MODULES ARE NOT INCLUDED IN FUNCTION *fnid*, BUT WILL BE IDENTIFIED IN THE JCLIN FOR LMOD *loadmod*.

Explanation:

loadmod load module name

fnid FMID

The specified load module contains modules not associated with the FMID being processed by the BUILD MCS command. ++MOD statements are created only for the modules associated with the FMID being processed, but the load module will be completely defined in the JCLIN with an INCLUDE statement for all component modules.

SMP/E does not have enough information to determine if the FMID being processed defined the load module with JCLIN. Therefore, the JCLIN is created by the BUILD MCS command.

System action: Processing continues.

Programmer response: If the FMID being processed should not contain JCLIN to define the specified load module, you must edit the JCLIN to remove the definition of this load module.

GIM28701S THE COMMAND WAS NOT PROCESSED BECAUSE A RETURN CODE SPECIFIED ON THE RC OPERAND WAS EXCEEDED.

Explanation: The RC operand, which determines the processing of the current command, was used to specify a return code for another SMP/E command. SMP/E found that the return code for that command was greater than the specified limit.

System action: Command processing stops. Processing continues with the next command.

Programmer response: Look at the SMP/OUT data to find what command caused SMP/E to bypass the current command. Fix any errors and decide whether to rerun the job.

GIM28801I TARGET ZONE *zonename* WAS NOT UPDATED BECAUSE JCLIN PROCESSING FAILED.

Explanation:

zonename

target zone name

An error shown by a previous message caused JCLIN processing to end without updating the target zone.

System action: Processing continues.

Programmer response: Fix the error and rerun JCLIN processing.

GIM28900I THE EXISTING LOAD MODULE *loadmod* IN SYSLIB *ddname1* IS BEING INCLUDED DURING THE LINK-EDIT OF *loadmod* IN SYSLIB *ddname2* BECAUSE THE LOAD MODULE CONTAINS CROSS-ZONE MODULES.

Explanation:

loadmod load module name
ddname1 ddname of first library
ddname2 ddname of second library

The indicated load module is being rebuilt. The original load module is being included during the link-edit because the load module contains cross-zone modules.

System action: Processing continues.

Programmer response: None.

GIM29000W SYSMOD *sysmod1* IS *action* IN ERROR, BUT WILL BE SUPERSEDED BY FUNCTION *sysmod2*.

Explanation:

sysmod1 SYSMOD ID
action APPLIED or ACCEPTED
sysmod2 Function SYSMOD ID

SYSMOD *sysmod1* is applied or accepted in error. However, during BUILD MCS command processing, it will be superseded by function SYSMOD *sysmod2*.

System action: Processing continues.

Programmer response: Since the indicated SYSMOD is applied or accepted in error, the information in the target or distribution zone associated with the SYSMOD may be incorrect. You should verify that the superseding function SYSMOD created by the BUILD MCS command is correct, or APPLY or ACCEPT the indicated SYSMOD correctly and then rerun the BUILD MCS command.

GIM29100E SYSMOD *sysmod* IS NOT A FUNCTION. SYSMODS SPECIFIED ON THE FORFMID OPERAND MUST BE FUNCTIONS.

Explanation:

sysmod SYSMOD ID

A SYSMOD ID specified on the FORFMID operand of the BUILD MCS command was not a function.

System action: BUILD MCS processing continues with the next FMID.

Programmer response: None.

GIM29201E THE MEMBER NAME ON THE UPDATE CONTROL STATEMENT DOES NOT MATCH THE MEMBER NAME ON THE ELEMENT UPDATE MCS.

Explanation: The member name on the control statement for the update utility did not match the name on the element update MCS.

System action: RECEIVE processing stops for the SYSMOD.

Programmer response: Correct the update control statement and rerun the job.

GIM29300E SYSMOD *sysmod* WAS NOT PROCESSED BECAUSE *sysmod* IS NOT DEFINED IN ZONE *zonename*.

Explanation:

sysmod SYSMOD ID
zonename
 zone name

A SYSMOD specified on the FORFMID operand of the BUILD MCS command was not defined in the zone specified on the SET command.

System action: BUILD MCS processing continues with the next SYSMOD.

Programmer response: None.

GIM29400E SYSMOD *sysmod1* WAS NOT PROCESSED BECAUSE *sysmod1* WAS DELETED BY *sysmod2*.

Explanation:

sysmod1
 SYSMOD ID
sysmod2
 SYSMOD ID

A SYSMOD specified on the FORFMID operand of the BUILD MCS command was deleted by another SYSMOD.

System action: BUILD MCS processing continues with the next SYSMOD.

Programmer response: None.

GIM29500E SYSMOD *sysmod1* WAS NOT PROCESSED BECAUSE *sysmod1* WAS SUPERSEDED BY *sysmod2*.

Explanation:

sysmod1
 SYSMOD ID
sysmod2
 SYSMOD ID

A SYSMOD specified on the FORFMID operand of the BUILD MCS command was superseded by another SYSMOD.

System action: BUILD MCS processing continues with the next SYSMOD.

Programmer response: None.

GIM29600E SYSMOD *sysmod* WAS NOT PROCESSED BECAUSE *sysmod* WAS IN ERROR.

Explanation:

sysmod SYSMOD ID

A SYSMOD specified on the FORFMID operand of the BUILD MCS command was in error.

System action: BUILD MCS processing continues with the next SYSMOD.

Programmer response: None.

GIM29700E SYSMOD *sysmod* CONTAINS ELEMENTS OR JCLIN USING THE RELFILE AND FROMDS OPERANDS. ONLY ONE OF THESE OPERANDS IS ALLOWED IN THE SAME SYSMOD.

Explanation:

sysmod SYSMOD ID

The indicated SYSMOD is packaged using both the RELFILE and FROMDS packaging methods. This means some elements or the JCLIN uses the RELFILE operand, and other elements or the JCLIN uses the FROMDS operand. Only one of these packaging methods may be used within a single SYSMOD.

System action: RECEIVE processing stops for the indicated SYSMOD.

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Programmer response: Fix the problem and run the RECEIVE again.

GIM29800E CURRENT PATH NAME WAS NOT CHANGED BECAUSE THE NEW NAME EXCEEDS THE 255-CHARACTER MAXIMUM.

Explanation: A path name can have up to 255 characters, excluding any delimiting single quotation marks. The new name would have been too long, so the path name was not changed.

System action: The CHANGE statement is not processed.

Programmer response: Specify a new path name that is less than or equal to 255 characters and rerun the job.

GIM29900S THE PATH TO_VALUE MUST END WITH A SLASH ("/").

Explanation: The path name specified as the to_value on the CHANGE statement did not end with the required delimiter, a slash ("/"). The path name of the to_value must end in a slash when a full path name is specified or when a wildcard character (*) is used in the from_value and the character immediately preceding the wildcard character is a slash.

System action: For the CHANGE statement of the ZONEEDIT command, this CHANGE statement and remaining CHANGE statements, up to the ENDZEDIT command, are not processed.

Programmer response: Fix the CHANGE statement and rerun the job.

GIM30000E AN UNKNOWN COMMAND NAME WAS PASSED TO GIMAPI.

Explanation: The string supplied as the name of the command to GIMAPI is not one of the supported commands.

System action: Command processing stops.

Programmer response: Fix the command name and rerun the calling program.

GIM30100E THE CSI PARAMETER OF THE QUERY COMMAND SPECIFIES A DATA SET NAME THAT EXCEEDS 44 CHARACTERS.

Explanation: The CSI parameter specifies a data set name that has more than 44 characters.

System action: Command processing stops.

Programmer response: Supply a valid global CSI data set name and rerun the calling program.

GIM30201E *command* PROCESSING FAILED FOR SYSMOD *sysmod*. ALL SYSMODS THAT WOULD HAVE DELETED *sysmod* HAVE FAILED.

Explanation:

command

SMP/E command

sysmod SYSMOD ID

SMP/E could not process the indicated SYSMOD because it was supposed to be deleted, but all the SYSMODs that were supposed to delete it failed.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Examine SMP/OUT for messages relating to elements of the SYSMOD. Then fix the error and rerun the job.

GIM30202E *command* PROCESSING FAILED FOR SYSMOD *sysmod*. ALL SYSMODS THAT WOULD HAVE SUPERSEDED *sysmod* HAVE FAILED.

Explanation:

command

SMP/E command

sysmod SYSMOD ID

SMP/E could not process the indicated SYSMOD because it was supposed to be superseded, but all the SYSMODs that were supposed to supersede it failed.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Do the following:

1. See subsequent messages to find the associated SYSMODs that caused the failure.
2. Examine the Causer SYSMOD Summary report to determine why those SYSMODs failed.

Then fix the error and rerun the job.

GIM30203I *command* **PROCESSING FAILED FOR SYSMOD** *sysmod*. **PROCESSING FOR AN ELEMENT DELETED BY** *sysmod* **FAILED.**

Explanation:

command

SMP/E command

sysmod SYSMOD ID

SMP/E could not process the indicated SYSMOD because an element that was supposed to be deleted was not. The element was supposed to be deleted because one of the following is true:

- The element is part of a function that was specified on the ++VER DELETE operand in the indicated SYSMOD.
- The DELETE operand was specified on the element MCS for the element.

System action: SYSMOD processing stops.

Programmer response: Examine SMP/OUT for messages that describe the failure. Then fix the error and rerun the job.

GIM30204E *command* **PROCESSING FAILED FOR SYSMOD** *sysmod*. **REQUIRED SYSMODS WERE EXCLUDED.**

Explanation:

command

SMP/E command

sysmod SYSMOD ID

SMP/E could not process the indicated SYSMOD because required SYSMODs were specified on the EXCLUDE operand. If the indicated SYSMOD defined requisites, the excluded SYSMODs would have satisfied those requisites. If the indicated SYSMOD was held for an error reason ID, the excluded SYSMODs would have resolved the reason ID.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Remove the required SYSMODs from the EXCLUDE operand. Then rerun the job.

GIM30206E *command* **PROCESSING FAILED FOR SYSMOD** *sysmod*. **HOLD REASON IDS WERE NOT RESOLVED.**

Explanation:

command

SMP/E command

sysmod SYSMOD ID

SMP/E could not process the indicated SYSMOD because it was held, and one or more of the reason IDs was not resolved. Message GIM359xx, which follows this message, names the reason ID and the type of hold.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: See the programmer response for the GIM359xx messages that follow.

GIM30208I *command* PROCESSING FAILED FOR SYSMOD *sysmod*. INLINE JCLIN PROCESSING FAILED.

Explanation:*command*

SMP/E command

sysmod SYSMOD ID

SMP/E could not process the indicated SYSMOD because processing failed for the associated inline JCLIN. Previous messages indicate the reason for the failure. (Inline JCLIN is JCLIN data associated with a ++JCLIN MCS. This data may be packaged inline after the MCS, or it may be in a FROMDS, RELFILE, or TXLIB data set.)

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Examine SMPOUT for previous messages that describe the error. Then fix the error and rerun the job.

GIM30209E *command* PROCESSING FAILED FOR SYSMOD *sysmod*. REQUIRED SYSMODS FAILED OR WERE MISSING.

Explanation:*command*

SMP/E command

sysmod SYSMOD ID

SMP/E could not process the indicated SYSMOD because required SYSMODs failed or were missing. If the indicated SYSMOD defined requisites, the required SYSMODs would have satisfied those requisites. If the indicated SYSMOD was held for an error reason ID, the required SYSMODs would have resolved the reason ID. Message GIM359xx, which follows this message, names the required SYSMODs that failed or were missing.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Do **one** of the following:

- Examine SMPOUT for messages relating to requisites of the SYSMOD.
- Use the SYSMOD Status report to find the associated SYSMOD that caused the failure.

Fix the error and rerun the job.

GIM30211E RESTORE PROCESSING FAILED FOR SYSMOD *sysmod* BECAUSE IT IS A CROSS-ZONE REQUISITE FOR OTHER SYSMODS.

Explanation:*sysmod* SYSMOD ID

SMP/E could not process the indicated SYSMOD because a SYSMOD in another zone specified SYSMOD *sysmod* as a cross-zone requisite. Message GIM35923I follows this message and names the causer SYSMOD that specifies SYSMOD *sysmod* as a cross-zone requisite.

System action: SYSMOD processing stops.

Programmer response: Do **one** of the following:

- Restore the causers in the zones indicated in message GIM35923I and then restore failing SYSMOD *sysmod*.
 - Restore SYSMOD *sysmod* using BYPASS(XZIFREQ) and then restore the causers in the zones indicated in message GIM35923I.
-

GIM30213E *command* PROCESSING FAILED FOR SYSMOD *sysmod1*. SYSMOD *sysmod2*, WHICH IS SUPERSEDED BY SYSMOD *sysmod1*, MUST ALSO BE SPECIFIED ON THE RESTORE COMMAND.

Explanation:*command*

SMP/E command

sysmod1
SYSMOD ID
sysmod2
superseded SYSMOD ID

SMP/E did not process SYSMOD *sysmod1* because it supersedes SYSMOD *sysmod2* and SYSMOD *sysmod2* was not specified on the RESTORE command.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Include SYSMOD *sysmod2* on the RESTORE command. Then rerun the job.

GIM30214I *command* PROCESSING FAILED FOR SYSMOD *sysmod*. AN ERROR OCCURRED WHEN SMP/E TRIED TO UPDATE THE SMPCSI DATA SET.

Explanation:

command
SMP/E command
sysmod SYSMOD ID

SMP/E processed all the elements in the SYSMOD, but an error occurred when SMP/E tried to add information about superseding SYSMODs and MODIDs. The message before this one shows the cause of the error.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Examine SMPDOUT for messages that describe the error. Then fix the error and rerun the job.

GIM30215I *command* PROCESSING FAILED FOR SYSMOD *sysmod*. A SYSTEM ABEND OCCURRED.

Explanation:

command
SMP/E command
sysmod SYSMOD ID

SMP/E did not process the indicated SYSMOD because a system abend occurred. Message GIM43201T indicates the failing program and the abend code.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Examine message GIM43201T, which describes the error. Then fix the error and rerun the job.

GIM30216I *command* PROCESSING FAILED FOR SYSMOD *sysmod*. SYSTEM UTILITY PROCESSING FAILED FOR AN ELEMENT IN *sysmod*.

Explanation:

command
SMP/E command
sysmod SYSMOD ID

SMP/E did not process the indicated SYSMOD because one of the elements was not processed. The utility that was processing the element issued a return code that exceeded the specified or default maximum return code.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Examine SMPDOUT for messages that describe the error. Then fix the error and rerun the job.

GIM30217I *command* PROCESSING FAILED FOR SYSMOD *sysmod*. RETRANSFORMATION PROCESSING FAILED FOR AN ELEMENT IN *sysmod*.

Explanation:

command
SMP/E command
sysmod SYSMOD ID

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SMP/E did not process the indicated SYSMOD, which contained data that was transformed by GIMDTS, because processing failed for one of the elements. When SMP/E was processing the element, it issued a return code that exceeded the maximum allowable return code.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Examine SMP/OUT for messages that describe the error. Then fix the error and rerun the job.

GIM30218E *command* **PROCESSING FAILED FOR SYSMOD *sysmod1*. PROCESSING IS INCOMPLETE FOR SYSMOD *sysmod2*, WHICH WAS SPECIFIED ON THE ++VER PRE OPERAND.**

Explanation:

command

SMP/E command

sysmod1

SYSMOD ID

sysmod2

related SYSMOD ID

SMP/E could not process SYSMOD *sysmod1* because processing is incomplete for prerequisite SYSMOD *sysmod2*.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Examine SMP/OUT for messages relating to SYSMOD *sysmod2*. Fix the error and rerun the job.

GIM30219E *command* **PROCESSING FAILED FOR SYSMOD *sysmod1*. PROCESSING FAILED FOR SYSMOD *sysmod2*, WHICH WAS SPECIFIED ON THE ++VER PRE OPERAND.**

Explanation:

command

SMP/E command

sysmod1

SYSMOD ID

sysmod2

related SYSMOD ID

SMP/E could not process SYSMOD *sysmod1* because processing failed for prerequisite SYSMOD *sysmod2*.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Examine SMP/OUT for messages relating to SYSMOD *sysmod2*. Fix the error and rerun the job.

GIM30220E *command* **PROCESSING FAILED FOR SYSMOD *sysmod1*. PROCESSING IS INCOMPLETE FOR SYSMOD *sysmod2*, WHICH WAS SPECIFIED ON THE ++VER REQ OPERAND.**

Explanation:

command

SMP/E command

sysmod1

SYSMOD ID

sysmod2

related SYSMOD ID

SMP/E could not process SYSMOD *sysmod1* because processing is incomplete for requisite SYSMOD *sysmod2*.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Examine SMP/OUT for messages relating to SYSMOD *sysmod2*. Fix the error and rerun the job.

GIM30221E *command* **PROCESSING FAILED FOR SYSMOD *sysmod1*. PROCESSING FAILED FOR SYSMOD *sysmod2*, WHICH WAS SPECIFIED ON THE ++VER REQ OPERAND.**

Explanation:*command*

SMP/E command

sysmod1

SYSMOD ID

sysmod2

related SYSMOD ID

SMP/E could not process SYSMOD *sysmod1* because processing failed for requisite SYSMOD *sysmod2*.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Examine SMPDOUT for messages relating to SYSMOD *sysmod2*. Fix the error and rerun the job.

GIM30222E *command* **PROCESSING FAILED FOR SYSMOD *sysmod1*. PROCESSING IS INCOMPLETE FOR SYSMOD *sysmod2*, WHICH WAS SPECIFIED ON THE ++IF REQ OPERAND.**

Explanation:*command*

SMP/E command

sysmod1

SYSMOD ID

sysmod2

related SYSMOD ID

SMP/E could not process SYSMOD *sysmod1* because processing is incomplete for conditional requisite SYSMOD *sysmod2*.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Examine SMPDOUT for messages relating to SYSMOD *sysmod2*. Fix the error and rerun the job.

GIM30223E *command* **PROCESSING FAILED FOR SYSMOD *sysmod1*. PROCESSING FAILED FOR SYSMOD *sysmod2*, WHICH WAS SPECIFIED ON THE ++IF REQ OPERAND.**

Explanation:*command*

SMP/E command

sysmod1

SYSMOD ID

sysmod2

related SYSMOD ID

SMP/E could not process SYSMOD *sysmod1* because processing failed for conditional requisite SYSMOD *sysmod2*.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Examine SMPDOUT for messages relating to SYSMOD *sysmod2*. Fix the error and rerun the job.

GIM30224E *command* **PROCESSING FAILED FOR SYSMOD *sysmod1*. PROCESSING IS INCOMPLETE FOR SYSMOD *sysmod2*, WHICH WAS SPECIFIED ON THE ++VER FMID OPERAND.**

Explanation:*command*

SMP/E command

sysmod1

SYSMOD ID

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sysmod2
related SYSMOD ID

SMP/E could not process SYSMOD *sysmod1* because processing is incomplete for function SYSMOD *sysmod2*.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Examine SMP/OUT for messages relating to SYSMOD *sysmod2*. Fix the error and rerun the job.

GIM30225E *command* **PROCESSING FAILED FOR SYSMOD *sysmod1*. PROCESSING FAILED FOR SYSMOD *sysmod2*, WHICH WAS SPECIFIED ON THE ++VER FMID OPERAND.**

Explanation:

command
SMP/E command
sysmod1
SYSMOD ID
sysmod2
related SYSMOD ID

SMP/E could not process SYSMOD *sysmod1* because processing is incomplete for function SYSMOD *sysmod2*.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Examine SMP/OUT for messages relating to SYSMOD *sysmod2*. Fix the error and rerun the job.

GIM30226E *command* **PROCESSING FAILED FOR SYSMOD *sysmod1* BECAUSE PROCESSING IS INCOMPLETE FOR SYSMOD *sysmod2*. SYSMOD *sysmod2* CONTAINS HIGHER LEVELS OF COMMON ELEMENTS.**

Explanation:

command
SMP/E command
sysmod1
SYSMOD ID
sysmod2
related SYSMOD ID

SMP/E could not process SYSMOD *sysmod1* because processing is incomplete for SYSMOD *sysmod2*, where *sysmod2* contains higher levels of elements that also exist in SYSMOD *sysmod1*.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Examine SMP/OUT for messages relating to SYSMOD *sysmod2*. Fix the error and rerun the job.

GIM30227E *command* **PROCESSING FAILED FOR SYSMOD *sysmod1* BECAUSE PROCESSING FAILED FOR SYSMOD *sysmod2*. SYSMOD *sysmod2* CONTAINS HIGHER LEVELS OF COMMON ELEMENTS.**

Explanation:

command
SMP/E command
sysmod1
SYSMOD ID
sysmod2
related SYSMOD ID

SMP/E could not process SYSMOD *sysmod1* because processing failed for SYSMOD *sysmod2*, where *sysmod2* contains higher levels of elements that also exist in SYSMOD *sysmod1*.

Here is an example. Suppose PTF X and PTF Y both contain MOD1. PTF Y specifies PTF X as a prerequisite, and contains MOD2 in addition to MOD1. Because PTF Y specifies PTF X as a prerequisite, PTF Y is said to supply a higher service level of common element MOD1.

Now suppose that PTF Y fails because of a link-edit utility error for MOD2. This means that processing stops for PTF Y, and all elements supplied by PTF Y also fail. Because common element MOD1 fails from PTF Y, MOD1 is not truly installed correctly. Therefore, PTF X fails with message GIM30227 because a higher level of one of its elements (MOD1) failed and was not installed.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Examine SMP/OUT for messages relating to SYSMOD *sysmod2*. Also check the Causer SYSMOD Summary report to see why SYSMOD *sysmod2* failed, and check the Element Summary report to see which common elements were affected. Fix the error and rerun the job.

GIM30228E *command* PROCESSING FAILED FOR SYSMOD *sysmod1* BECAUSE PROCESSING IS INCOMPLETE FOR SYSMOD *sysmod2*. THESE SYSMODS CONTAIN COMMON ELEMENTS.

Explanation:

command

SMP/E command

sysmod1

SYSMOD ID

sysmod2

related SYSMOD ID

SMP/E could not process SYSMOD *sysmod1* because processing is incomplete for SYSMOD *sysmod2*, where *sysmod2* contains elements that also exist in SYSMOD *sysmod1*.

System action: SMP/E processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Examine SMP/OUT for messages relating to SYSMOD *sysmod2*. Also check the Causer SYSMOD Summary report to see why SYSMOD *sysmod2* failed, and check the Element Summary report to see which common elements were affected. Fix the error and rerun the job.

GIM30229E *command* PROCESSING FAILED FOR SYSMOD *sysmod1* BECAUSE PROCESSING FAILED FOR SYSMOD *sysmod2*. THESE SYSMODS CONTAIN COMMON ELEMENTS.

Explanation:

command

SMP/E command

sysmod1

SYSMOD ID

sysmod2

related SYSMOD ID

SMP/E could not process SYSMOD *sysmod1* because processing failed for SYSMOD *sysmod2*, where *sysmod2* contains elements that also exist in SYSMOD *sysmod1*.

System action: SMP/E processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Examine SMP/OUT for messages relating to SYSMOD *sysmod2*. Also check the Causer SYSMOD Summary report to see why SYSMOD *sysmod2* failed, and check the Element Summary report to see which common elements were affected. Fix the error and rerun the job.

GIM30230E *command* PROCESSING FAILED FOR SYSMOD *sysmod1*. PROCESSING FAILED FOR CROSS-ZONE REQUISITE SYSMOD *sysmod2*, WHICH WAS CAUSED BY SYSMOD *sysmod3* IN ZONE *zonename*.

Explanation:

command

SMP/E command

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sysmod1 SYSMOD ID
sysmod2 related SYSMOD ID
sysmod3 causer SYSMOD ID
zonename zone name

SMP/E could not process SYSMOD *sysmod1*, because processing failed for cross-zone requisite SYSMOD *sysmod2*.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Examine SMP/OUT for messages relating to SYSMOD *sysmod2*. Fix the error and rerun the job.

GIM30231E *command* PROCESSING FAILED FOR SYSMOD *sysmod1*. PROCESSING IS INCOMPLETE FOR CROSS-ZONE REQUISITE SYSMOD *sysmod2*, WHICH WAS CAUSED BY SYSMOD *sysmod3* IN ZONE *zonename*.

Explanation:

command SMP/E command
sysmod1 SYSMOD ID
sysmod2 requisite SYSMOD ID
sysmod3 causer SYSMOD ID
zonename zone name

SMP/E could not process SYSMOD *sysmod1*, because processing is incomplete for cross-zone requisite SYSMOD *sysmod2*.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Examine SMP/OUT for messages relating to SYSMOD *sysmod2*. Fix the error and rerun the job.

GIM30232E RESTORE PROCESSING FAILED FOR SYSMOD *sysmod1* BECAUSE SYSMOD *sysmod2* REQUIRES SYSMOD *sysmod1*. *sysmod1* COULD NOT BE RESTORED BECAUSE *sysmod2*. FAILED.

Explanation:

sysmod1 SYSMOD ID
sysmod2 SYSMOD ID

SMP/E could not process SYSMOD *sysmod1*, because processing failed for SYSMOD *sysmod2*.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Examine SMP/OUT for messages relating to SYSMOD *sysmod2*. Fix the error and rerun the job.

GIM30233E RESTORE PROCESSING FAILED FOR SYSMOD *sysmod1* BECAUSE SYSMOD *sysmod2* REQUIRES SYSMOD *sysmod1*. *sysmod1* COULD NOT BE RESTORED BECAUSE *sysmod2* IS INCOMPLETE.

Explanation:

sysmod1 SYSMOD ID

sysmod2
SYSMOD ID

SMP/E could not process SYSMOD *sysmod1*, because processing is incomplete for SYSMOD *sysmod2*.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

System action: Examine SMP/OUT for messages relating to SYSMOD *sysmod2*. Fix the error and rerun the job.

GIM30234E *command* PROCESSING FAILED FOR SYSMOD *sysmod1*. SYSMOD *sysmod2* CONTAINS A SHELL SCRIPT NEEDED TO PROCESS AN ELEMENT IN SYSMOD *sysmod1*, BUT PROCESSING IS INCOMPLETE FOR SYSMOD *sysmod2*.

Explanation:

command

SMP/E command

sysmod1

SYSMOD ID

sysmod2

related SYSMOD ID

An element in SYSMOD *sysmod1* specifies that a shell script in SYSMOD *sysmod2* is to be invoked to complete the element's installation. SMP/E cannot process SYSMOD *sysmod1*, however, because processing was incomplete for SYSMOD *sysmod2*.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Examine SMP/OUT for messages relating to SYSMOD *sysmod2*. Fix the error and rerun the job.

GIM30235E *command* PROCESSING FAILED FOR SYSMOD *sysmod1*. SYSMOD *sysmod2* CONTAINS A SHELL SCRIPT NEEDED TO PROCESS AN ELEMENT IN SYSMOD *sysmod1*, BUT PROCESSING FAILED FOR SYSMOD *sysmod2*.

Explanation:

command

SMP/E command

sysmod1

SYSMOD ID

sysmod2

related SYSMOD ID

An element in SYSMOD *sysmod1* specifies that a shell script in SYSMOD *sysmod2* is to be invoked to complete the element's installation. SMP/E cannot process SYSMOD *sysmod1*, however, because processing failed for SYSMOD *sysmod2*.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Examine SMP/OUT for messages relating to SYSMOD *sysmod2*. Fix the error and rerun the job.

GIM30236I *command* PROCESSING FAILED FOR SYSMOD *sysmod*. SHELL SCRIPT PROCESSING FAILED FOR AN ELEMENT IN SYSMOD *sysmod*.

Explanation:

command

SMP/E command

sysmod

SYSMOD ID

SMP/E did not process the indicated SYSMOD because shell script processing failed for one of the SYSMOD's elements.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Examine the messages in SMPDOUT to determine why shell script processing failed for the element. Fix the error and rerun the job.

GIM30237S THE RETRIEVAL OF DATA FROM FILE *filename* FAILED. THE DATA IN THE FILE APPEARS TO BE CORRUPTED OR INCOMPLETE.

Explanation:

filename name of file. If this name exceeds 300 characters in length, only the first 300 characters will appear in the message.

SMP/E was attempting to retrieve the data from the indicated UNIX file system file and place it into an MVS™ data set. Checking of the data determined that it was corrupted or incomplete.

System action: SMP/E stops processing the named file. SMP/E also terminates the process or command that initiated the file retrieval.

Programmer response: Ensure that the MVS data set being used for retrieval is compatible with the data being retrieved. In other words, ensure that the record format, logical record length, and block size are correct. Also ensure that the MVS data set in the archive is not empty. If no incompatibility problem is found, contact the IBM Support Center

GIM30301T COMPRESS PROCESSING FAILED FOR THE *library* LIBRARY. THE RETURN CODE WAS *rtncode*.

Explanation:

library ddname of the library or the ddname/generated-ddname used during the cross-zone phase of APPLY or RESTORE processing
rtncode return code

SMP/E called the copy utility to compress the indicated library and received an error return code.

System action: Command processing fails because the return code is nonzero and greater than one of the following:

- The maximum return code specified in the UTILITY entry
- The default return code

Programmer response: Check the copy output to find the error. Fix the error and rerun the job.

GIM30302I COMPRESS PROCESSING WAS SUCCESSFUL FOR THE *library* LIBRARY. THE RETURN CODE WAS *rtncode*.

Explanation:

library ddname of the library or the ddname/generated-ddname used during the cross-zone phase of APPLY or RESTORE processing
rtncode return code

SMP/E called the copy utility to compress the indicated library and received a successful return code.

System action: Processing continues because the return code is zero.

Programmer response: None.

GIM30302W COMPRESS PROCESSING WAS SUCCESSFUL FOR THE *library* LIBRARY. THE RETURN CODE WAS *rtncode*.

Explanation:

library ddname of the library or the ddname/generated-ddname used during the cross-zone phase of APPLY or RESTORE processing
rtncode return code

SMP/E called the copy utility to compress the indicated library and received a successful return code.

System action: Processing continues because the return code is not greater than **one** of the following:

- The maximum return code specified in the UTILITY entry
- The default return code

Programmer response: None.

GIM30400S THE *ddname* DDNAME IS IN USE BY DATA SET *dataset*. THE CSI DATA SET SPECIFIED COULD NOT BE ALLOCATED.

Explanation:

ddname the DDNAME (SMPCSI for a GLOBAL zone, or the name of the qualified zone contained in a data set other than the SMPCSI)

dataset data set name allocated to the *ddname* DDNAME

The specified *ddname* is already in use, so the CSI data set provided by the user could not be allocated.

System action: Command processing stops.

Programmer response: Before calling GIMAPI, make sure the DDNAME is free.

GIM30500E LINK PROCESSING FAILED FOR LMOD *loadmod* IN SYSLIB *syslib*. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno* - SYSPRINT FILE *sysprint*.

Explanation:

loadmod LMOD name

syslib SYSLIB value

rtncode return code

yy year

ddd Julian day

hh military hour

mm minutes

ss seconds

seqno utility sequence number

sysprint ddname of logical SYSPRINT

LINK processing failed with the indicated return code. The utility sequence number matches the sequence number on the utility's SYSPRINT output in file *sysprint*.

System action: The return code determines the system action.

Programmer response:

1. Make sure the default utility return code or the return code you specified in the UTILITY entry is the one you want to use. Make sure the OPTIONS entry you are using contains the name of that UTILITY entry.
2. Check the output from the linkage editor to determine the error. The utility sequence number may be used as an index into the output contained in *sysprint* to find the error. The sequence number is incremented for each utility call in an SMP/E run.

Note: The allocation for *sysprint* is modeled after SYSPRINT or the *ddname* specified in the PRINT subentry of the active UTILITY entry for the link-edit utility. If you did not get any utility output, check to see if the applicable DD statement is allocated to a proper SYSOUT type. Some typical reasons for not getting any utility output are:

- The *ddname* used as a model specifies DUMMY.
- The *ddname* used as a model specifies a SYSOUT class that suppresses output.

Fix the error and rerun the job.

GIM30600E THERE IS A SYNTAX ERROR IN THE *parameter* PARAMETER IN CHARACTER POSITION *position*.

Explanation:

parameter

command parameter name

position character position where error was detected

SMP/E found a syntax error at the specified character position for the parameter specified.

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System action: Command processing stops after syntax checking is complete.

Programmer response: Fix the problem in the parameter and rerun the calling program.

GIM30700S GIMAPI COULD NOT OBTAIN ENOUGH STORAGE TO PROCESS THE *command* COMMAND.

Explanation:

command

command name

While processing the specified command, an attempt to allocate storage could not be satisfied.

Note: Because storage cannot be allocated, this message may not appear in the API message buffer.

System action: Command processing stops.

Programmer response: Do **one** of the following:

- Increase the REGION parameter on the EXEC statement for the calling program.
- Increase the REGION parameter on your LOGON panel.

GIM30800E NO VALUE WAS SPECIFIED FOR THE *parameter* PARAMETER OF THE *command* COMMAND.

Explanation:

parameter

command parameter name

command

command name

The indicated command requires the specified parameter to be provided by the calling program. The parameter had no value.

System action: Command processing stops.

Programmer response: Be sure an appropriate value is specified as a parameter to the GIMAPI call to invoke the command, and rerun the calling program.

GIM30900E AN ASTERISK CANNOT BE USED WITH ANY OTHER VALUES ON THE *parameter* PARAMETER.

Explanation:

parameter

command parameter name

An asterisk was included on the specified parameter of the API QUERY command along with other values. The asterisk must be used alone.

System action: Command processing stops after syntax checking is complete.

Programmer response: Change the parameter to use either the asterisk only or the specific values, then rerun the calling program.

GIM31000E AN UNDEFINED ENTRY TYPE OF *enttype* WAS SPECIFIED ON THE ENTRY PARAMETER.

Explanation:

enttype entry type

The entry specified is not a valid CSI entry. Refer to *SMP/E for z/OS User's Guide* to see the entries supported by SMP/E.

System action: Command processing stops after syntax checking is complete.

Programmer response: Fix the entry type and rerun the calling program.

GIM31100W THE VALUE *value* HAS BEEN SPECIFIED MORE THAN ONCE ON THE *parameter* PARAMETER. ALL BUT THE FIRST OCCURRENCE IS IGNORED.

Explanation:

value value being repeated in the parameter
parameter
 command parameter name

The indicated value was found more than once on either the *zone*, *entry*, or *subentry* parameter of the GIMAPI QUERY command. The duplicate value is ignored during command processing.

System action: Command processing continues.

Programmer response: Remove the duplicate value from the parameter prior to running the calling program again, or ignore the message.

GIM31200E AN UNDEFINED SUBENTRY TYPE OF *subtype* WAS SPECIFIED ON THE *parameter* PARAMETER.

Explanation:

subtype subentry type
parameter
 command parameter name

A subentry specified on either the *subentry* or *filter* parameter of the QUERY command is not defined for any entry.

System action: Command processing stops after syntax checking is complete.

Programmer response: Fix the subentry type and rerun the calling program.

GIM31300E COMPARISON OPERATOR *oper* CANNOT BE USED WITH SUBENTRY TYPE *subtype*. ONLY TIME, DATE, AND RETURN CODE SUBENTRIES CAN BE COMPARED WITH THE >, >=, < OR <= OPERATORS.

Explanation:

oper comparison operator
subtype subentry type

The >, >=, <, and <= operators can only be used in comparisons with subentry types that are times, dates, or return codes.

System action: Command processing stops after syntax checking is complete.

Programmer response: Fix the filter and rerun the calling program.

GIM31400E SUBENTRY TYPE *subtype* CANNOT BE USED ON THE FILTER PARAMETER.

Explanation:

subtype subentry type

The following subentry types can be used on the *filter* parameter only when a null value (that is, two quotation marks with no blanks between them) is specified for the subentry type (for example, HOLDDATA!=""):

- ASMIN
- HRFPARAM
- HOLDDATA
- LECNTL
- LEPARM
- LMODALIAS
- UTILPARAM
- ZDESC

System action: Command processing stops after syntax checking is complete.

Programmer response: Fix the *filter* parameter and rerun the calling program.

GIM31500E THE DATE VALUE IN COLUMN *colnum* DID NOT USE THE FORMAT YYDDD.

Explanation:

colnum column where incorrect date format was specified

A fixed value for a comparison against a date subentry was not in the proper format of YYDDD. There were non-numeric characters in the value.

System action: Command processing stops after syntax checking is complete.

Programmer response: Fix the format of the date in the *filter* parameter and rerun the calling program.

GIM31600E THE TIME VALUE IN COLUMN *colnum* DID NOT USE THE FORMAT 'HH:MM:SS'.

Explanation:

colnum column where incorrect date format was specified

A fixed value for a comparison against a time subentry was not in the proper format of 'HH:MM:SS' where:

HH Numeric hours from 00 to 23

MM Numeric minutes from 00 to 59

SS Numeric seconds from 00 to 59

System action: Command processing stops after syntax checking is complete.

Programmer response: Fix the format of the date in the *filter* parameter and rerun the calling program.

GIM31700E A CLOSING QUOTE IS MISSING FROM A FILTER VALUE.

Explanation: Single quotation marks are required around fixed values in the *filter* parameter of the API QUERY command. The end of the *filter* parameter was encountered before a closing quotation mark was found.

System action: Command processing stops after syntax checking is complete.

Programmer response: Fix the *filter* parameter then rerun the calling program.

GIM31800E A LEFT PARENTHESIS WAS NOT CLOSED WITH A CORRESPONDING RIGHT PARENTHESIS.

Explanation: The end of the *filter* parameter was encountered before a right parenthesis was found to match an existing left parenthesis.

System action: Command processing stops after syntax checking is complete.

Programmer response: Fix the *filter* parameter then rerun the calling program.

GIM31900E THE RETURN CODE VALUE IN COLUMN *colnum* IS NOT A NUMERIC VALUE OF NO MORE THAN TWO CHARACTERS IN LENGTH.

Explanation:

colnum column where the incorrect return code format was specified

A fixed value for a comparison against a RETURN CODE subentry was specified incorrectly. The value must be no more than two characters in length, and must contain only numerics (0-9).

System action: Command processing stops after syntax checking is complete.

Programmer response: Fix the RETURN CODE subentry value in the filter parameter and rerun the calling program.

GIM31901I SYSMOD *sysmod1* DOES NOT SPECIFY *sysmod2* ON THE PRE OR SUP OPERAND. *sysmod2* IS THE RMID FOR *elmtype* *elmname* THAT IS CURRENTLY INSTALLED.

Explanation:

sysmod1

ID of the SYSMOD being installed

sysmod2
 ID of the SYSMOD specified as an RMID
elmttype element type
elmname
 element name

This message describes the ID check reported by message GIM38201W, GIM38201E, GIM38202W, or GIM38202E. SMP/E issues GIM31901I for every element in a service SYSMOD (or in a function SYSMOD that is being reinstalled) that does not name, in the PRE or SUP operands, the RMID of the previously processed version of the named element. When this happens, SMP/E cannot determine the relationship between the element in SYSMOD *sysmod1* and the previously processed version of the element. You may also get this message if you are trying to reinstall a SYSMOD after you have already installed additional service for it.

System action: This message is informational. See the preceding GIM38201W, GIM38201E, GIM38202W, or GIM38202E message to determine the system action.

Programmer response: Determine the relationship between the elements in the SYSMODs involved. If the relationship is not correctly defined, do **one** of the following:

- List SYSMOD *sysmod1* to see if it was already installed.
- Reject SYSMOD *sysmod1* and change the PRE and SUP operands that were specified.
- Use UCLIN to modify the RMID subentry for the affected element in the target zone or distribution zone.
- If necessary, install related SYSMODs before processing SYSMOD *sysmod1* to establish the correct relationship.

GIM31902I SYSMOD *sysmod1* DOES NOT SPECIFY *sysmod2* ON THE PRE OR SUP OPERAND. *sysmod2* IS A UMID FOR *elmttype elmname* THAT IS CURRENTLY INSTALLED.

Explanation:

sysmod1
 ID of the SYSMOD being installed
sysmod2
 ID of the SYSMOD specified as a UMID
elmttype element type
elmname
 element name

This message describes the ID check reported by message GIM38201W, GIM38201E, GIM38202W, or GIM38202E. SMP/E issues GIM31902I for every element in a service SYSMOD or USERMOD (or in a function SYSMOD that is being reinstalled) that does not name, in the PRE or SUP operands, a UMID of the previously processed version of the named element. When this happens, SMP/E cannot determine the relationship between the element in SYSMOD *sysmod1* and the previously processed version of the element. You may also get this message if you are trying to reinstall a SYSMOD after you have already installed additional service for it.

System action: This message is informational. See the preceding GIM38201W, GIM38201E, GIM38202W, or GIM38202E message to determine the system action.

Programmer response: If the SYSMOD being installed provides an update (not a replacement) for the element in question, it is not necessary to specify a relationship with any of the UMIDs for the element being updated. (For more information on how this applies to USERMODs, see *SMP/E for z/OS User's Guide*. For more information on the checking SMP/E does, see the MODID verification sections in the APPLY and ACCEPT chapters in *SMP/E for z/OS Commands*.) Even though SMP/E has installed the update, you should determine the relationship between the elements in the SYSMODs involved.

- If the SYSMOD containing the update should not have been installed, follow these steps:
 1. Run the RESTORE command to remove the SYSMOD (and any associated SYSMODs that must also be restored).
 2. Run the REJECT command to remove the SYSMOD from the global zone.
 3. Update the ++VER MCS in the SYSMOD to include the appropriate UMIDs on the PRE or SUP operand.
 4. Run the RECEIVE command again to receive the corrected SYSMOD.
 5. Run the APPLY command again to install the corrected SYSMOD.
- If the SYSMOD can remain installed, but the relationship between the elements in the SYSMODs involved needs to be defined, follow the instructions below.

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If the SYSMOD being installed provides a replacement (not an update) for the element in question, determine the relationship between the elements in the SYSMODs involved. If the relationship is not correctly defined, do **one** of the following:

- List SYSMOD *sysmod1* to see if it was already installed.
- Reject SYSMOD *sysmod1* and change the PRE and SUP operands that were specified. Then receive the SYSMOD again and rerun the job to install it.

Note: Because SYSMOD *sysmod1* replaces the indicated element, it must specify a relationship with all the UMIDs for the element being replaced.

- Use UCLIN to modify the UMID subentries for the affected element in the target zone or distribution zone. Then rerun the job to install SYSMOD *sysmod1*.
- If necessary, install related SYSMODs before processing SYSMOD *sysmod1* to establish the correct relationship. Then rerun the job to install SYSMOD *sysmod1*.

GIM31903I SYSMOD *sysmod1* DOES NOT SPECIFY *sysmod2* ON THE PRE OR SUP OPERAND. *sysmod2* IS THE RMID FOR *elmttype elmname* THAT IS BEING INSTALLED.

Explanation:

sysmod1 ID of the SYSMOD being installed
sysmod2 ID of the SYSMOD specified as an RMID
elmttype element type
elmname element name

This message describes the ID check reported by message GIM38201W, GIM38201E, GIM38202W, or GIM38202E. SMP/E issues GIM31903I for every element in a service SYSMOD (or in a function SYSMOD that is being reinstalled) that does not name, in the PRE or SUP operands, the RMID of the previously processed version of the named element. When this happens, SMP/E cannot determine the relationship between the element in SYSMOD *sysmod1* and the previously processed version of the element. You may also get this message if you are trying to reinstall a SYSMOD after you have already installed additional service for it.

System action: This message is informational. See the preceding GIM38201W, GIM38201E, GIM38202W, or GIM38202E message to determine the system action.

Programmer response: Determine the relationship between the elements in the SYSMODs involved. If the relationship is not correctly defined, do **one** of the following:

- List SYSMOD *sysmod1* to see if it was already installed.
- Reject SYSMOD *sysmod1* and change the PRE and SUP operands that were specified.
- Use UCLIN to modify the RMID subentry for the affected element in the target zone or distribution zone.
- If necessary, install related SYSMODs before processing SYSMOD *sysmod1* to establish the correct relationship.

GIM31904I SYSMOD *sysmod1* DOES NOT SPECIFY *sysmod2* ON THE PRE OR SUP OPERAND. *sysmod2* IS A UMID FOR *elmttype elmname* THAT IS BEING INSTALLED.

Explanation:

sysmod1 ID of the SYSMOD being installed
sysmod2 ID of the SYSMOD specified as a UMID
elmttype element type
elmname element name

This message describes the ID check reported by message GIM38201W, GIM38201E, GIM38202W, or GIM38202E. SMP/E issues GIM31904I for every element in a service SYSMOD (or in a function SYSMOD that is being reinstalled) that does not name, in the PRE or SUP operands, a UMID of the previously processed version of the named element.

When this happens, SMP/E cannot determine the relationship between the element in SYSMOD *sysmod1* and the previously processed version of the element. You may also get this message if you are trying to reinstall a SYSMOD after you have already installed additional service for it.

System action: This message is informational. See the preceding GIM38201W, GIM38201E, GIM38202W, or GIM38202E message to determine the system action.

Programmer response: Determine the relationship between the elements in the SYSMODs involved. If the relationship is not correctly defined, do **one** of the following:

- List SYSMOD *sysmod1* to see if it was already installed.
- Reject SYSMOD *sysmod1* and change the PRE and SUP operands that were specified. This is only necessary if SYSMOD *sysmod1* replaces the indicated element. In that case, it must specify a relationship with all the UMIDs for the element being replaced. If SYSMOD *sysmod1* is updating the element, it is not necessary to specify a relationship with any of the UMIDs for the element being updated.
- Use UCLIN to modify the UMID subentries for the affected element in the target zone or distribution zone.
- If necessary, install related SYSMODs before processing SYSMOD *sysmod1* to establish the correct relationship.

GIM32000W NO ENTRIES MATCHING THE SPECIFIED CRITERIA WERE FOUND.

Explanation: There were no matches in the CSI for the query requested. No data is returned.

System action: None.

Programmer response: None.

GIM32100S *modtype* MODULE *modname* COULD NOT BE LOADED. SMP/E API PROCESSING IS STOPPED. ABEND CODE: *abncode* REASON CODE: *rsncode*

Explanation:

modtype

"MESSAGE" or "CONSTANT"

modname

name of the SMP/E module

abncode system abend code

rsncode system reason code

The SMP/E message or constant load module could not be loaded by the API program. Possible reasons include:

- The language parameter supplied to GIMAPI was specified incorrectly, or specified an unsupported language. Therefore, no corresponding message module could be found.
- The indicated load module was not found in the link list library.

System action: Command processing stops.

Programmer response: Do the following:

1. Verify that the language value supplied to GIMAPI correctly specifies a language supported by SMP/E.
2. Check that the load module was actually installed in the target library when SMP/E was installed.
3. See *z/OS MVS System Codes* for an explanation of the system abend and reason codes.

GIM32200I LINK PROCESSING WAS SUCCESSFUL FOR LMOD *loadmod* IN SYSLIB *syslib*. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno* - SYSPRINT FILE *sysprint*.

Explanation:

loadmod LMOD name

syslib SYSLIB value

rtncode return code

yy year

ddd Julian day

hh military hour

mm minutes

ss seconds

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seqno utility sequence number
sysprint ddname of logical SYSPRINT

LINK processing completed successfully with the indicated return code. The utility sequence number matches the sequence number on the utility's SYSPRINT output in file *sysprint*.

System action: Processing continues.

Programmer response: No action is required.

GIM32200W LINK PROCESSING WAS SUCCESSFUL FOR LMOD *loadmod* IN SYSLIB *syslib*. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno* - SYSPRINT FILE *sysprint*.

Explanation:

loadmod LMOD name
syslib SYSLIB value
rtncode return code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number
sysprint ddname of logical SYSPRINT

Because the return code from link-edit processing did not exceed the maximum acceptable return code, link-edit processing was considered successful for the indicated load module. The utility sequence number matches the sequence number on the utility's SYSPRINT output in file *sysprint*.

System action: Processing continues.

Programmer response: No action is required. However, because the return code indicates that an error may have occurred, you should check the utility output to verify that the results are acceptable.

GIM32300I *command* PROCESSING FAILED FOR SYSMOD *sysmod*. UPDATE PROCESSING FAILED FOR AN ELEMENT IN *sysmod*.

Explanation:

command SMP/E command
sysmod SYSMOD ID

Update processing failed for an element that was part of SYSMOD *sysmod*.

System action: SYSMOD processing stops.

Programmer response: Check previous SMP/E messages to determine what caused update processing to fail, fix the error, and then rerun the job.

GIM32401W SYSMOD *sysmod1* REGRESSES *elmttype elmname*, WHICH WAS PREVIOUSLY REPLACED BY SYSMOD *sysmod2*.

Explanation:

sysmod1 ID of the SYSMOD being processed
elmttype element type
elmname element name
sysmod2 ID of the SYSMOD that was previously processed

SYSMOD *sysmod1* should have superseded SYSMOD *sysmod2* or specified it as a prerequisite because SYSMOD *sysmod2* has already been processed. **One** of the following is true:

- SYSMOD *sysmod2* has already been applied.
- SYSMOD *sysmod2* has already been accepted.
- SYSMOD *sysmod2* is being installed concurrently with SYSMOD *sysmod1*.

Because the relationship between the SYSMODs is not defined, SMP/E considers SYSMOD *sysmod2* to be regressed by SYSMOD *sysmod1*.

System action: SYSMOD processing continues.

Programmer response: None.

GIM32402W SYSMOD *sysmod1* REGRESSES *elmttype elmname*, WHICH WAS PREVIOUSLY UPDATED BY SYSMOD *sysmod2*.

Explanation:

sysmod1

ID of the SYSMOD being processed

elmttype element type

elmname

element name

sysmod2

ID of the SYSMOD that was previously processed

SYSMOD *sysmod1* should have superseded SYSMOD *sysmod2* or specified it as a prerequisite because SYSMOD *sysmod2* had already been processed. **One** of the following is true:

- SYSMOD *sysmod2* has already been applied.
- SYSMOD *sysmod2* has already been accepted.
- SYSMOD *sysmod2* is being installed concurrently with SYSMOD *sysmod1*.

Because the relationship between the SYSMODs is not defined, SMP/E considers SYSMOD *sysmod2* to be regressed by SYSMOD *sysmod1*.

System action: SYSMOD processing continues.

Programmer response: None.

GIM32501E *command* PROCESSING HAS FAILED FOR SYSMOD *sysmod1*. SYSMOD *sysmod1* SUPERSEDES SYSMOD *sysmod2* BUT DOES NOT CONTAIN *elmttype elmname*.

Explanation:

command

ACCEPT or APPLY

sysmod1

ID of the superseding SYSMOD

sysmod2

ID of the superseded SYSMOD

elmttype element type

elmname

element name

The superseding SYSMOD and its requisite set, taken together, do not contain all of the elements contained in the superseded SYSMOD.

System action: Processing stops for this SYSMOD.

Programmer response: Correct the superseding SYSMOD, one or more of the SYSMODs in its requisite set, or both, so that the superseding SYSMOD and its requisite set, taken together, will contain all elements contained in all SYSMODs being superseded.

GIM32501W SYSMOD *sysmod1* SUPERSEDES SYSMOD *sysmod2* BUT DOES NOT CONTAIN ELEMENT *elmname*.

Explanation:

sysmod1 ID of the superseding SYSMOD
sysmod2 ID of the superseded SYSMOD
elmname element name

The superseding SYSMOD does not have all the elements that the superseded SYSMOD had.

System action: Processing continues.

Programmer response: Check the SYSMODs and make any necessary corrections to the element shown in the message.

GIM32600E DDDEF ENTRY *dddef* IS NEEDED FOR PROCESSING FMID *fmid* BUT IS NOT IN ZONE *zonename*. THEREFORE DDNAME *dddef* IS USED AS THE DATA SET NAME ON THE FROMDS OPERAND.

Explanation:

dddef DDDEF entry name
fmid FMID
zonename zone name

During BUILD MCS command processing, MCS for elements in distribution library *dddef* are created. The data set name to be used on the FROMDS operand of the MCS is retrieved from the distribution library's DDDEF entry. However, this DDDEF entry is not defined in the zone. Therefore, the distribution library's *ddname* is used as the data set name instead.

System action: Processing continues.

Programmer response: Do one of the following:

- Add the DDDEF entry to the zone and rerun the BUILD MCS command, or
- Edit the FROMDS operand on all affected element MCS to contain the correct data set name.

GIM32601W *elmttype* *elmid* IS NOT PART OF SYSMOD *sysmod1*. THE FMID FOR *elmttype* *elmid* IS SYSMOD *sysmod2*.

Explanation:

elmttype Element type
elmid ID of element
sysmod1 SYSMOD processed
sysmod2 SYSMOD which owns element

The element was not generated as part of the SYSMOD currently in process. The element was shipped with the SYSMOD being processed but the FMID of the element has changed. The SYSMOD that now owns the element is not being processed with the current BUILD MCS command.

System action: Processing continues.

Programmer response: Include the SYSMOD which now owns the element in the BUILD MCS command.

GIM32701E INLINE DATA IS NOT ALLOWED AFTER AN MCS IF THE DELETE, FROMDS, LKLIB, RELFILE, OR TXLIB OPERAND IS SPECIFIED.

Explanation: Input text appeared inline when it should not have. Inline text is not allowed after an element MCS or a ++JCLIN MCS in these cases:

- The element MCS specifies one of the following operands:
 - DELETE
 - FROMDS
 - LKLIB
 - RELFILE
 - TXLIB
- The ++JCLIN MCS specifies one of the following operands:
 - FROMDS
 - RELFILE
 - TXLIB

System action: Processing stops for this SYSMOD but continues for any remaining SYSMODs.

Programmer response: The SYSMOD is built incorrectly. Check the SYSMOD for any of the following:

- A missing element modification control statement
- Incorrectly coded “++” characters
- A conflict between the placement of the input text and the specification of the DELETE, FROMDS, LKLIB, RELFILE, or TXLIB operands.

Fix the error and rerun the job.

**GIM32800W SIDE DECK *oldname* WAS RENAMED TO *newname* IN THE *library* LIBRARY BY SYSMOD *sysmod*.
THE CONTENTS OF THIS SIDE DECK MAY NOT BE ACCURATE BECAUSE THE ASSOCIATED
LOAD MODULE HAS ALSO BEEN RENAMED.**

Explanation:

oldname old name

newname

new name

library ddname of the library

sysmod SYSMOD ID

SMP/E successfully renamed the definition side deck member in the indicated library. However, the contents of the definition side deck will not be correct. A definition side deck contains binder IMPORT control statements, which specify the associated load module's name. Because the IMPORT statements specify the old load module name, the statements will be incorrect now that the load module has been renamed.

Note: The rename operation is the result of a ++RENAME statement to rename a load module.

System action: Processing continues.

Programmer response:

- If the renamed load module is link-edited by the binder later in SMP/E processing, the definition side deck will be rebuilt by the binder and the IMPORT control statements will specify the correct load module name. Therefore, no action is required.
- If the renamed load module is not link-edited by the binder later in SMP/E processing, decide whether to update the IMPORT statements.

You can manually change the load module name specified on the IMPORT statements, or you can link-edit the load module outside of SMP/E by specifying the DYNAM(DLL) option and the SYSDEFSD DD statement to rebuild the definition side deck. Because the SYSDEFSD DD statement identifies the library to contain the definition side deck, you should specify the library identified by the load module's side deck library subentry value.

GIM32900W NO ZONES MATCHING THE SPECIFIED CRITERIA WERE FOUND.

Explanation: No zones in the zoneindex were found eligible for processing by GIMAPI based on the parameter specified for ZONE.

System action: No data is returned

Programmer response: None.

GIM33000W SIDE DECK LIBRARY *oldsdlib* FOR LOAD MODULE *loadmod* HAS BEEN REPLACED BY LIBRARY *newsdlib* DURING JCLIN PROCESSING. THE SIDE DECK MEMBER IN LIBRARY *oldsdlib* WILL NOT BE DELETED.

Explanation:

oldsdlib ddname of the old side deck library
loadmod load module name
newsdlib
ddname of the new side deck library

During JCLIN processing for the specified load module, SMP/E replaced the existing side deck library subentry value with a new value. The existing definition side deck member that resides in the old library will not be deleted by SMP/E and will subsequently not be maintained by SMP/E.

System action: Processing continues.

Programmer response: If the original definition side deck member is not needed, delete it outside of SMP/E.

GIM33001W SYSTEM LIBRARY *oldsdlib* FOR LOAD MODULE *loadmod* HAS BEEN REPLACED BY LIBRARY *newsdlib* DURING JCLIN PROCESSING. THE LOAD MODULE MEMBER IN LIBRARY *oldsdlib* WILL NOT BE DELETED.

Explanation:

oldsdlib ddname of the old system library
loadmod load module name
newsdlib
ddname of the new system library

During JCLIN processing for the specified load module, SMP/E replaced the existing system library subentry value with a new value. The existing load module member that resides in the old library will not be deleted by SMP/E and will subsequently not be maintained by SMP/E.

System action: Processing continues.

Programmer response: If the original load module member is not needed, delete it outside of SMP/E.

GIM33100E AN EXTRANEIOUS RIGHT PARENTHESIS WAS ENCOUNTERED ON THE FILTER PARAMETER.

Explanation: A right parenthesis was found on the API QUERY *filter* parameter that could not be matched with a preceding left parenthesis.

System action: Command processing stops after syntax checking is complete.

Programmer response: Fix the *filter* parameter, then rerun the calling program.

GIM33200E *elmtyp elmname* COULD NOT BE RETRANSFORMED BECAUSE THE *attribute* OF *value* FOR THE DATA IS NOT SUPPORTED BY THIS LEVEL OF SMP/E.

Explanation:

elmtyp element type
elmname
element name
attribute
attribute type (RECFM)
value attribute value for the transformed element

When SMP/E was installing the indicated element, it compared the attributes of the element, which are indicated in the records included with the transformed element, with the attributes supported by the current level of SMP/E. The attributes of the element are not supported by the level of SMP/E being used to install the element.

System action: SYSMOD processing stops.

Programmer response: Check the program directory for the product that supplies the element to find out the minimum required level of SMP/E needed to install the element.

GIM33201E *elmttype elmname* **COULD NOT BE RETRANSFORMED BECAUSE THE RECFM FOR LIBRARY *library* IS NOT SUPPORTED.**

Explanation:

elmttype element type
elmname element name
library library ddname

When SMP/E was installing the indicated element, it determined that the record format of the library into which the element is being installed is not supported. The supported record formats are F, FB, FA, FBA, FM, FBM, FS, FBS, V, VB, VA, VBA, VM, VBM, VS, and VBS.

System action: SYSMOD processing stops.

Programmer response: Check the record format of the indicated library to be sure it is one supported by SMP/E. Correct the record format and rerun the job.

GIM33300E *command* **PROCESSING FAILED FOR SYSMOD *sysmod*. THE SYSMOD CONTAINS COMPACTED DATA BUT THE CURRENT LEVEL OF THE OPERATING SYSTEM DOES NOT SUPPORT COMPRESSION OR EXPANSION SERVICES. MVS/ESA SP 4.3 OR HIGHER IS REQUIRED.**

Explanation:

command SMP/E command
sysmod SYSMOD ID

SMP/E could not process SYSMOD *sysmod* because the MCS entry in the SMPPTS data set contains compacted data, but the operating system being used does not support compression or expansion services.

System action: SYSMOD processing stops.

Programmer response: Use a driving system that supports the required services and rerun the job.

GIM33301E *command* **PROCESSING FAILED FOR SYSMOD *sysmod*. *elmttype elmname* WITHIN SYSMOD *sysmod* COULD NOT BE EXPANDED BECAUSE THE COMPACTED DATA IS CORRUPTED OR INCOMPLETE.**

Explanation:

command SMP/E command
sysmod SYSMOD ID
elmttype element type
elmname element name

SMP/E could not process SYSMOD *sysmod1* because the indicated element within the SYSMOD has been compacted, but data has been corrupted or lost.

Compacted data can be corrupted if the SYSMOD is moved or copied with a process that can convert or transform the data being moved or copied. For example, if the SYSMOD was moved by an upload, download, or FTP process, and a conversion was performed because of an incorrect profile or incorrectly specified option, then the compacted data could be corrupted.

System action: SYSMOD processing stops.

Programmer response: Report the error to your support group.

If the SYSMOD was moved or copied using an upload, download, FTP, or similar process, ensure that no conversion of data occurred during the operation. Compacted data should be treated as binary data and moved accordingly.

GIM33302E *command* **PROCESSING FAILED FOR SYSMOD** *sysmod*. *elmtyp*e *elmname* **WITHIN SYSMOD** *sysmod* **COULD NOT BE EXPANDED BECAUSE THE** *dictionary* **DICTIONARY USED TO COMPACT THE DATA IS NOT SUPPORTED.**

Explanation:

command

SMP/E command

sysmod SYSMOD ID

*elmtyp*e element type

elmname

element name

dictionary

compaction dictionary identifier or blank

SMP/E could not process SYSMOD *sysmod* because the indicated element within the SYSMOD has been compacted, but the current level of SMP/E does not recognize the dictionary used during the compaction operation. A service level of SMP/E that supports and recognizes the compaction dictionary is required to expand the compacted element data within the SYSMOD.

System action: SYSMOD processing stops.

Programmer response: Using a level of SMP/E that supports the identified compaction dictionary, rerun the job.

GIM33400S **GIMCPTS PROCESSING FAILED BECAUSE COMPRESSION AND EXPANSION SERVICES ARE NOT SUPPORTED BY THE CURRENT LEVEL OF THE OPERATING SYSTEM. MVS/ESA SP 4.3 OR HIGHER IS REQUIRED.**

Explanation: The GIMCPTS service routine could not operate because the current level of the operating system does not support compression or expansion services. MVS/ESA SP 4.3 or higher is required to compact or expand SMP/E data.

System action: GIMCPTS processing stops.

Programmer response: Using a driving system of MVS/ESA SP 4.3 or higher, rerun the job.

GIM33500S **GIMCPTS PROCESSING FAILED BECAUSE THE DATA SET ORGANIZATION OF SYSUT2 DOES NOT MATCH THE** *dsorg* **ORGANIZATION OF SYSUT1.**

Explanation:

dsorg data set organization

The GIMCPTS service routine compacts or expands inline element data within SYSMODs found in the SYSUT1 data set and writes those SYSMODs to the SYSUT2 data set. GIMCPTS processing has failed because the data set organization of the SYSUT2 data set does not match the data set organization of the SYSUT1 data set. If SYSUT1 is sequential, then SYSUT2 must also be sequential, and likewise, if SYSUT1 is partitioned, then SYSUT2 must also be partitioned.

System action: GIMCPTS processing stops.

Programmer response: Use a data set for SYSUT2 that has the same data set organization as SYSUT1, and then rerun the job.

GIM33501S **GIMCPTS PROCESSING FAILED BECAUSE THE SYSUT2 DATA SET MUST BE DIFFERENT THAN THE SYSUT1 DATA SET.**

Explanation: The GIMCPTS service routine compacts or expands inline element data within SYSMODs found in the SYSUT1 data set and writes those SYSMODs to the SYSUT2 data set. GIMCPTS processing has failed because the SYSUT2 data set is the same as the SYSUT1 data set. When the SYSUT1 and SYSUT2 data sets are both sequential, the SYSUT2 data set must be different than the SYSUT1 data set.

System action: GIMCPTS processing stops.

Programmer response: Use a data set for SYSUT2 that is different than the SYSUT1 data set.

GIM33502S GIMCPTS PROCESSING FAILED. THE *dataset* DATA SET COULD NOT BE USED BECAUSE THE *attribute* IS NOT *value*.

Explanation:

dataset ddname of the unusable data set (SYSUT1 or SYSUT2)

attribute

data set attribute; RECFM (record format) or LRECL (logical record length)

value data set attribute value

The GIMCPTS service routine compacts or expands inline element data within SYSMODs found in the SYSUT1 data set and writes those SYSMODs to the SYSUT2 data set. GIMCPTS processing has failed because the SYSUT1 or SYSUT2 data set does not have the correct attributes. These data sets must have a record format (RECFM) of fixed-block (FB), and a logical record length (LRECL) of 80.

System action: GIMCPTS processing stops.

Programmer response: Ensure the SYSUT1 and SYSUT2 data sets have a RECFM of FB and an LRECL of 80, and rerun the job.

GIM33503S *progname* PROCESSING FAILED. THE *dataset* DATA SET COULD NOT BE USED BECAUSE THE DATA SET ORGANIZATION IS NOT SEQUENTIAL OR PARTITIONED.

Explanation:

progname

name of SMP/E routine that failed

dataset ddname associated with the data set name

Processing has failed for the SMP/E routine identified because the indicated data set does not have an acceptable data set organization. The identified data set must be sequential or partitioned.

System action: Processing stops for the indicated SMP/E routine.

Programmer response: Ensure that the identified data set has an organization of sequential (PS) or partitioned (PO).

GIM33504S GIMZIP PROCESSING FAILED. *infile* COULD NOT BE USED BECAUSE IT IS NOT A SEQUENTIAL DATA SET, A PARTITIONED DATA SET, A VSAM DATA SET OR A FILE OR DIRECTORY IN THE UNIX FILE SYSTEM.

Explanation:

infile name of the input file. If this name exceeds 300 characters in length, only the first 300 characters will appear in the message.

GIMZIP processing failed because the input file was of the wrong type. The input file must be either a

- sequential data set
- partitioned data set
- VSAM data set
- regular file in the UNIX file system
- directory in the UNIX file system

System action: Processing stops for the indicated SMP/E routine.

Programmer response: Ensure that the identified file exists and is of the proper type. If it is a data set, it must be sequential (PS), partitioned (PO) or VSAM. If in the UNIX file system, it must be a regular file or directory.

GIM33505S GIMZIP PROCESSING FAILED. *infile* COULD NOT BE USED BECAUSE IT DOES NOT EXIST.

Explanation:

infile name of the input file. If this name exceeds 300 characters in length, only the first 300 characters will appear in the message.

GIMZIP processing failed because the input file does not exist.

System action: Processing stops for the indicated SMP/E routine.

Programmer response: Ensure that the identified file exists.

GIM33506S GIMUNZIP PROCESSING FAILED. ARCHIVE *archive* COULD NOT BE EXTRACTED INTO *name* BECAUSE THE ARCHIVE CONTENTS (*type1*) AND THE DESTINATION (*type2*) ARE INCOMPATIBLE.

Explanation:

archive pathname or archid of the archive. If this name exceeds 200 characters in length, only the first 200 characters will appear in the message.

name data set, file, or directory into which the original file was to be placed. If this name exceeds 200 characters in length, only the first 200 characters will appear in the message.

type1 DATA SET, FILE or DIRECTORY

type2 DATA SET, FILE, DIRECTORY, SYMLINK, or OTHER

GIMUNZIP processing failed because the destination location is not the same type as the component file found in the named archive file.

- If the archive contains a file in the UNIX file system, the destination location must also identify a file in the UNIX file system.
- If the archive contains a directory in the UNIX file system, the destination location must also identify a directory in the UNIX file system.
- If the archive contains a data set, the destination location must also identify a data set.

If 'OTHER' appears in the *type2* field, the destination location is in the UNIX file system, but is something other than a FILE, DIRECTORY, or SYMLINK.

System action: Processing stops.

Programmer response: Specify a different destination location and rerun the job.

GIM33507S GIMZIP PROCESSING FAILED. VSAM DATA SET *dataset* COULD NOT BE PROCESSED BECAUSE IT IS NOT AN ESDS, KSDS, LDS, OR RRDS.

Explanation:

dataset data set name

GIMZIP processing failed because a VSAM data set was specified for inclusion in a package but the VSAM data set was not nonindexed (entry sequenced or ESDS), indexed (key sequenced or KSDS), linear (LDS), or numbered (relative record or RRDS). Only these 4 types of VSAM clusters are allowed.

System action: Processing stops.

Programmer response: Remove the specified data set from the package control tags. A different VSAM data set can be specified as long as it is an acceptable cluster type.

GIM33600S *progname* PROCESSING FAILED BECAUSE THE *dataset* DATA SET IS MISSING.

Explanation:

progname

program name

dataset ddname of the missing data set

The indicated data set is required for processing. However, the JCL contained no DD statement for the data set.

System action: Processing stops.

Programmer response: Add a DD statement for the required data set and rerun the job.

GIM33601S SMP/E WAS UNABLE TO OBTAIN THE SIZE OF *name*.

Explanation:

name file or directory whose size was requested. If this name exceeds 300 characters in length, only the first 300 characters will appear in the message.

SMP/E was unable to obtain the size for the indicated file or directory.

System action: Processing stops.

Programmer response: Review previous messages and the SYSPRINT output to identify the error.

GIM33700I *zonetype* ZONE *zonename* WILL BE USED FOR RECEIVE APPLYCHECK OR ACCEPTCHECK COMMAND PROCESSING.

Explanation:

zonetype

DISTRIBUTION or TARGET

zonename

zone name

The specified zone will be used for APPLYCHECK and ACCEPTCHECK processing in the SYSMOD selection phase of RECEIVE command processing.

System action: Processing continues.

Programmer response: None.

GIM33801E THE ++*mcstype* MCS IS NOT ALLOWED IN FUNCTION SYSMODS.

Explanation:

mcstype an element update MCS

A function SYSMOD cannot update elements. It can only replace them.

System action: SYSMOD processing stops.

Programmer response: Repackage the function SYSMOD so that it replaces elements instead of updating them.

GIM33901E THE *operand* OPERAND IS ONLY ALLOWED IN FUNCTION SYSMODS.

Explanation:

operand RMID or UMID

An element replacement MCS can only specify the RMID or UMID operand if that MCS is in a function SYSMOD.

System action: SYSMOD processing stops.

Programmer response: Repackage the SYSMOD so that it defines the SYSMOD relationships using the PRE or SUP operands on the ++VER MCS instead of the RMID or UMID operands on the element MCS.

GIM34001E THE RELFILE OPERAND IS NOT ALLOWED BECAUSE THE FILES OPERAND WAS NOT SPECIFIED ON THE HEADER MCS.

Explanation: The RELFILE operand is only allowed on an element or ++JCLIN MCS if the FILES operand is specified on the header MCS. The header MCS indicates the SYSMOD type:

- ++APAR
- ++FUNCTION
- ++PTF
- ++USERMOD

System action: SYSMOD processing stops.

Programmer response: Specify the FILES operand on the header MCS and receive this SYSMOD again.

GIM34100W THE GLOBAL ZONE WAS SPECIFIED FOR RECEIVE APPLYCHECK OR ACCEPTCHECK PROCESSING. IT IS NOT VALID AND IS IGNORED.

Explanation: One of the zones specified was the global zone. This zone is not valid for APPLYCHECK and ACCEPTCHECK processing during the SYSMOD selection phase of RECEIVE command processing.

System action: Processing continues.

Programmer response: None.

GIM34201E MORE THAN ONE ++JCLIN STATEMENT WAS SPECIFIED IN A SYSMOD. ONLY ONE IS ALLOWED.

Explanation: A SYSMOD being processed is built incorrectly because it contains more than one ++JCLIN MCS.

System action: SYSMOD processing stops.

Programmer response: Remove the extra ++JCLIN MCS and rerun the job.

GIM34202E MORE THAN ONE *operand* OPERAND WAS SPECIFIED ON AN MCS. ONLY ONE IS ALLOWED.

Explanation:

operand MCS operand

An MCS being processed is coded incorrectly because the indicated operand is specified more than once.

System action: SYSMOD processing stops.

Programmer response: Remove the extra operand and rerun the job.

GIM34203W THE SYMPATH OPERAND SPECIFIES *number* MORE VALUES THAN THE SYMLINK OPERAND ON THE ++*mcstype* MCS FOR *elmname* IN SYSMOD *sysmod*.

Explanation:

number a decimal number

mcstype MCS type

elmname

element name

sysmod SYSMOD ID

The indicated MCS for the indicated element specified the SYMLINK and SYMPATH operands. The SYMPATH operand had more values than the SYMLINK operand. When this element is installed during APPLY processing, the additional SYMPATH values are going to be ignored by the hierarchical file system copy utility.

One reason this can occur is that duplicate SYMLINK values are specified in the SYMLINK operand list of the indicated element MCS. These duplicate values are ignored.

System action: SYSMOD processing continues.

Programmer response: If the SYMPATH should not have more values than the SYMLINK operand, correct the error in the MCS and reject and re-receive the SYSMOD.

GIM34301T SMPPTFIN MUST BE A STANDARD LABEL TAPE BECAUSE THE SYSMOD BEING RECEIVED CONTAINS RELFILES.

Explanation: SMP/E could not receive a SYSMOD built with relative files because the SMPPTFIN data set that contains the SYSMOD is not a standard labeled tape.

System action: SMP/E processing stops.

Programmer response: You may have mounted the wrong tape. Rerun the job using the correct standard labeled tape.

GIM34400S THE *operand* OPERAND WAS FOUND ON THE *command* COMMAND. THIS RELEASE OF SMP/E DOES NOT SUPPORT THE *operand* OPERAND. OS/390 RELEASE 5 OR HIGHER IS NEEDED.

Explanation:*command*

RECEIVE

operand ZONEGROUP

SMP/E found the indicated operand on the indicated command. The operand is not supported by the release of SMP/E that is executing.

System action: Command processing stops.

Programmer response: Use a level of SMP/E that supports the operand.

GIM34401I THE *operand* OPERAND CONTAINS A VALUE THAT CANNOT BE PROCESSED BY THE CURRENT RELEASE OF SMP/E. SMP/E VERSION *ver* RELEASE *rel* (OR HIGHER) IS REQUIRED.

Explanation:*operand* command or MCS operand*ver* SMP/E version needed for processing*rel* SMP/E release needed for processing

A value was specified on the indicated operand that cannot be processed by the current release of SMP/E. The indicated release of SMP/E, or higher, is needed to process the indicated operand value.

System action: If the operand was specified on a command, command processing stops. If the operand was specified on a ++ASSIGN MCS, the MCS is skipped.

Programmer response: Rerun the command using the specified SMP/E level or higher.

GIM34401S THE *operand* OPERAND CONTAINS A VALUE THAT CANNOT BE PROCESSED BY THE CURRENT RELEASE OF SMP/E. SMP/E VERSION *ver* RELEASE *rel* (OR HIGHER) IS REQUIRED.

Explanation:*operand* command or MCS operand*ver* SMP/E version needed for processing*rel* SMP/E release needed for processing

A value was specified on the indicated operand that cannot be processed by the current release of SMP/E. The indicated release of SMP/E, or higher, is needed to process the indicated operand value.

System action: If the operand was specified on a command, command processing stops. If the operand was specified on a ++ASSIGN MCS, the MCS is skipped.

Programmer response: Rerun the command using the specified SMP/E level or higher.

GIM34500W THE ACTIVE OPTIONS ENTRY *entname* CONTAINS A *subname* SUBENTRY. THIS RELEASE OF SMP/E DOES NOT SUPPORT APPLYCHECK OR ACCEPTCHECK PROCESSING DURING THE RECEIVE COMMAND. OS/390 RELEASE 5 OR HIGHER IS NEEDED.

Explanation:*entname*

OPTIONS entry name

subname

RECZGRP or RECEXZGRP

SMP/E found the user had established an OPTIONS entry with subentry information for APPLYCHECK or ACCEPTCHECK processing. APPLYCHECK and ACCEPTCHECK processing are not available in the release of SMP/E that is executing.

System action: Command processing continues.

GIM34601E • GIM35101E

Programmer response: If you want to use APPLYCHECK or ACCEPTCHECK processing, use the appropriate level of SMP/E.

GIM34601E THE ONLY UPDATE CONTROL STATEMENTS ALLOWED ARE ./ CHANGE AND ./ ENDUP.

Explanation: During RECEIVE processing, SMP/E found an update control statement other than ./ CHANGE or ./ ENDUP following an element update MCS.

System action: SYSMOD processing stops.

Programmer response: Fix the SYSMOD and run RECEIVE again.

GIM34701E SMP/E EXPECTED TO FIND AN MCS. IT FOUND INLINE DATA INSTEAD.

Explanation: During RECEIVE processing, SMP/E expected a MCS, but instead found input in SMPPTFIN that was not an SMP/E control statement. This can happen when input text follows an MCS that has a syntax error.

System action: SYSMOD processing stops. SMP/E ignores all subsequent data that is not an SMP/E control statement.

Programmer response: Fix the problem and run RECEIVE again.

GIM34801E RECEIVE PROCESSING FAILED FOR THE SYSMOD BECAUSE IT CONTAINS MORE THAN ONE ++VER MCS FOR THE SAME SREL-FMID PAIR. ONLY ONE IS ALLOWED.

Explanation: During RECEIVE processing, SMP/E found a SYSMOD with more than one ++VER MCS naming the same SREL and FMID. (The ++VER MCS that caused the error immediately precedes this message.) A SYSMOD like this creates an ambiguous situation when you want to run the APPLY or ACCEPT commands.

System action: SYSMOD processing stops.

Programmer response: Fix the problem and run RECEIVE again.

GIM34901E THE ++IF MCS MUST IMMEDIATELY FOLLOW A ++VER MCS.

Explanation: The ++IF MCS statements must follow a ++VER MCS. This allows SMP/E to associate the ++IF MCS statements with the ++VER MCS statements chosen at APPLY or ACCEPT time.

In this case, SMP/E found an ++IF MCS that did not follow a ++VER MCS. (The ++IF MCS that caused the error immediately precedes this message).

System action: SYSMOD processing stops.

Programmer response: Fix the problem and run RECEIVE again.

GIM35001S THE RELFILE VALUE SPECIFIED ON AN MCS STATEMENT IS GREATER THAN THE NUMBER OF FILES IN THE SYSMOD. THIS IS NOT ALLOWED.

Explanation: The RELFILE value specified on a ++JCLIN or element MCS is greater than the number of files specified on the FILES operand of the header MCS. The header MCS identifies the SYSMOD type: ++APAR, ++FUNCTION, ++PTF, and ++USERMOD. (The JCLIN or element MCS that caused the error immediately precedes this message.)

System action: RECEIVE processing stops.

Programmer response: Fix the problem and run RECEIVE again.

GIM35101E SYSMOD *sysmod* FAILED BECAUSE OF AN ERROR THAT OCCURRED WHILE LOADING SMPTLIB DATA SETS. THE RETURN CODE FROM THE COPY UTILITY WAS *rtncode*.

Explanation:

sysmod SYSMOD ID

rtncode return code from copy processing

An error occurred while the copy utility was loading the SMPTLIBs for the indicated SYSMOD.

System action: SYSMOD processing stops.

Programmer response: Look at the SYSPRINT output for the copy utility to determine the problem.

Note: If you did not get any utility output, check the value specified for the PRINT subentry in the UTILITY entry. This ddname is used for the SYSPRINT data set. Here are some typical reasons for not getting any utility output:

- The PRINT subentry specifies a DDDEF of DUMMY.
- The PRINT subentry specifies a data set that is sent to a SYSOUT class that suppresses output.

GIM35201I SMPTLIB *smptlib* WAS ALLOCATED AND CATALOGED ON VOLUME *volser*.

Explanation:

smptlib SMPTLIB data set name
volser volume serial number

During RECEIVE processing, SMP/E allocated and cataloged the SMPTLIB data set on the indicated volume.

System action: SMP/E uses the allocated data set to load the relative files.

Programmer response: None.

GIM35202I SMP/E USED SMPTLIB *smptlib*, WHICH ALREADY EXISTS ON VOLUME *volser*.

Explanation:

smptlib SMPTLIB data set name
volser volume serial number

During RECEIVE processing, SMP/E found a preallocated and cataloged SMPTLIB data set on the indicated volume.

System action: SMP/E uses the preallocated data set to load the relative files.

Programmer response: None.

GIM35301E SMPTLIB *smptlib* WAS NOT ALLOCATED ON VOLUME *volser* BECAUSE IT IS NOT A PARTITIONED DATA SET.

Explanation:

smptlib data set name
volser volume serial number

During RECEIVE processing, SMP/E found an existing SMPTLIB data set on the indicated volume. However, the data set was not a partitioned data set, so SMP/E could not use it to load relative files.

System action: SYSMOD processing stops.

Programmer response: Define a new SMPTLIB data set that is a partitioned data set, or define a DDDEF entry to have SMP/E dynamically allocate the SMPTLIB data set.

GIM35302E SMPTLIB *smptlib* WAS NOT ALLOCATED ON VOLUME *volser* BECAUSE ERROR CODE *errcode* WAS ISSUED BY DYNAMIC ALLOCATION.

Explanation:

smptlib data set name
volser volume serial number
errcode error code issued by dynamic allocation

During RECEIVE processing, SMP/E tried to allocate the SMPTLIB data set on the indicated volume to load relative files for a SYSMOD. However, an error occurred during dynamic allocation.

Error codes from dynamic allocation fall into the following ranges:

Codes Meaning

GIM35305S • GIM35306E

0000–00FC

Information reason codes

0021–0029

CATALOG or UNCATALOG unsuccessful

0031–0038

Delete unsuccessful

0100–01FC

I/O error

0200–02FC

System resources not available

0300–03FC

Invalid parameter list

0400–04FC

Environment error

1704–17FF

LOCATE error

4704–4780

DADSM error

47A8–47AC

RACF error

47B0 DADSM error

5704–571C

CATALOG error

6704–6714

OBTAIN error

7700 Subsystem error

7704–770C

SCRATCH error

8700–9728

System error

System action: SYSMOD processing stops.

Programmer response: See *z/OS MVS Programming: Authorized Assembler Services Guide*, SA23-1371, for more information about the error code. Message GIM54701E accompanies this message and contains information about the allocation failure.

GIM35305S SMPTLIB *smptlib* WAS NOT ALLOCATED BECAUSE IT IS DEFINED AS A DUMMY DATA SET.

Explanation:

smptlib data set name

During RECEIVE processing, SMP/E tried to allocate the SMPTLIB data set on the indicated volume to load relative files for a SYSMOD. However, the SMPTLIB DD statement specified either the DUMMY operand or DSN=NULLFILE.

System action: Command processing stops.

Programmer response: Change the SMPTLIB DD statement so that it does not define a dummy data set.

GIM35306E SMPTLIB *smptlib* WAS NOT ALLOCATED BECAUSE ERROR CODE *errcode* WAS ISSUED BY DYNAMIC ALLOCATION.

Explanation:

smptlib data set name

errcode error code issued by dynamic allocation

An error occurred during dynamic allocation, when SMP/E tried to allocate the SMPTLIB data set to load relative files for a SYSMOD. If the error code is 0220, the relfile tape data set has the same name as the RFDSNPFX data set. This is because the RFDSNPFX on the header MCS statement has the same value as the DSPREFIX for the SMPTLIB data set.

Error codes from dynamic allocation fall into the following ranges:

Codes Meaning

| | |
|-----------|-----------------------------------|
| 0000–00FC | Information reason codes |
| 0021–0029 | CATALOG or UNCATALOG unsuccessful |
| 0031–0038 | Delete unsuccessful |
| 0100–01FC | I/O error |
| 0200–02FC | System resources not available |
| 0300–03FC | Invalid parameter list |
| 0400–04FC | Environment error |
| 1704–17FF | LOCATE error |
| 4704–4780 | DADSM error |
| 47A8–47AC | RACF error |
| 47B0 | DADSM error |
| 5704–571C | CATALOG error |
| 6704–6714 | OBTAIN error |
| 7700 | Subsystem error |
| 7704–770C | SCRATCH error |
| 8700–9728 | System error |

System action: SYSMOD processing stops.

Programmer response: If the error code is 0220, change the DSPPREFIX value and rerun the job. For more information about other error codes, see *z/OS MVS Programming: Authorized Assembler Services Guide*, SA23-1371. Message GIM54701E accompanies this message and contains information about the allocation failure.

GIM35307E SMPTLIB *smptlib* FOR *sysmod* WAS NOT ALLOCATED TO *ddname* BECAUSE THE DATA SET WAS NOT FOUND.

Explanation:

smptlib data set name
sysmod SYSMOD ID
ddname ddname

Allocation failed for SMPTLIB data set *smptlib* because the data set was not found.

System action: SYSMOD processing stops.

Programmer response: Do **one** of the following:

- Rename the SMPTLIB data set name to the same name it was at RECEIVE processing time.
- Check that the SMPTLIB DDDEF specifies the volume where the SMPTLIB data set was allocated at RECEIVE time. If the SMPTLIB data set has been deleted, receive the SYSMOD again.

GIM35401I SMPTLIB *smptlib* WAS DELETED AND UNCATALOGED FROM VOLUME *volser*.

Explanation:

smptlib data set name
volser volume serial number

GIM35501E • GIM35602E

SMP/E deleted and uncataloged the SMPPLIB data set from the indicated volume.

System action: SYSMOD processing continues.

Programmer response: None.

GIM35501E AN ERROR OCCURRED DURING PROCESSING OF THE *enttype* ENTRY FOR SYSMOD *sysmod* IN THE *library* LIBRARY.

Explanation:

enttype entry type

sysmod SYSMOD ID

library ddname of the library

An error occurred while SMP/E was processing the indicated SYSMOD.

- If the entry type is MCS, SMP/E found an error when it was checking the MCS entry on the SMPPTS data set. The error could be one of the following:
 - An I/O error
 - A mismatch between the MCS and SYSMOD entries on the SMPPTS.
- If the entry type is not MCS, look at the preceding SMP/E output to find the cause of the error for the indicated entry type.

System action: SYSMOD processing stops.

Programmer response: Do **one** of the following:

- If the entry type is MCS, reject the SYSMOD and receive it again.
- If any other case, follow the recommended action in the preceding error messages.

GIM35601E *subtype* SUBENTRY *subname* WAS NOT ADDED BECAUSE IT ALREADY EXISTS.

Explanation:

subtype subentry type

subname

subentry name or *prodid vv.rr.mm* for PRODSUP subentries (optional)

A UCL statement tried to add the indicated subentry to an entry, but the subentry was already there. Either the entry or the subentry is incorrect. Note that if the subentry name is greater than 300 characters, only the first 300 characters are placed in the message.

System action: SMP/E does not process any of the changes for this UCL statement.

Programmer response: Fix the UCL statement and rerun the job.

GIM35602E *subtype* SUBENTRY *subname1* WAS NOT ADDED BECAUSE *subname2* ALREADY EXISTS.

Explanation:

subtype subentry type

subname1

subentry name

subname2

conflicting subentry name

A UCL statement tried to add the indicated subentry to an entry, but a mutually exclusive subentry was already there.

System action: SMP/E does not process any of the changes for this UCL statement.

Programmer response: Fix the UCL statement and rerun the job.

GIM35603E THE INITIAL DISPOSITION SUBENTRY WAS NOT ADDED BECAUSE IT ALREADY EXISTS.

Explanation: A UCL statement tried to add an initial disposition subentry (MOD, NEW, SHR, or OLD) to an entry, but the subentry was already there. Either the entry or the subentry is incorrect.

System action: SMP/E does not process any of the changes for this UCL statement.

Programmer response: Fix the UCL statement and rerun the job.

GIM35604E THE FINAL DISPOSITION SUBENTRY WAS NOT ADDED BECAUSE IT ALREADY EXISTS.

Explanation: A UCL statement tried to add a final disposition subentry (KEEP, DELETE, or CATALOG) to an entry, but the subentry was already there. Either the entry or the subentry is incorrect.

System action: SMP/E does not process any of the changes for this UCL statement.

Programmer response: Fix the UCL statement and rerun the job.

GIM35701E *subtype* SUBENTRY *subname* WAS NOT DELETED BECAUSE IT DOES NOT EXIST.

Explanation:

subtype subentry type

subname

subentry name or *prodid vv.rr.mm* for PRODSUP subentries (optional)

A UCL statement tried to delete the indicated subentry from an entry, but the subentry was not there. Note that if the subentry name is greater than 300 characters, only the first 300 characters are placed in the message.

System action: SMP/E does not process any of the changes for this UCL statement.

Programmer response: Rerun the UCL statement without the specified subentry.

GIM35702E *subtype* SUBENTRY *subname* WAS NOT ADDED BECAUSE IT IS THE SAME AS THE *enttype* ENTRY THAT WOULD CONTAIN IT.

Explanation:

subtype subentry type (PRODSUP)

subname

subentry name (*prodid vv.rr.mm* for PRODSUP subentries)

enttype entry type (PRODUCT)

The specified subentry may not contain a value that is the same as the entry name that will contain it. That is, a PRODUCT entry may not supersede itself.

System action: SMP/E does not process any of the changes in this UCL statement.

Programmer response: Rerun the UCL statement without the specified subentry.

GIM35703E THE INITIAL DISPOSITION SUBENTRY *value* WAS NOT DELETED BECAUSE IT DOES NOT EXIST.

Explanation:

value subentry value

A UCL statement tried to delete the indicated initial disposition value from an entry, but it did not exist. Either the subentry did not exist or the indicated subentry value is not the existing one.

System action: SMP/E does not process any of the changes for this UCL statement.

Programmer response: Fix the UCL statement and rerun the job.

GIM35704E THE FINAL DISPOSITION SUBENTRY *value* WAS NOT DELETED BECAUSE IT DOES NOT EXIST.

Explanation:

value subentry value

A UCL statement tried to delete the indicated final disposition value from an entry, but it did not exist. Either the subentry did not exist or the indicated subentry value is not the existing one.

System action: SMP/E does not process any of the changes for this UCL statement.

Programmer response: Fix the UCL statement and rerun the job.

GIM35705E DELETING THE SPECIFIED SUBENTRIES FROM THE *listname* SUBENTRY LIST WOULD STILL LEAVE SUBENTRIES IN THE LIST. THIS IS NOT ALLOWED.

Explanation:

listname

SYMLINK or SYMPATH

You have requested that specific subentries be removed from the indicated list. However, if this update is made, there will still be subentries in the list. Because this list is ordered and its subentries have an order-dependent correspondence with another list in the hierarchical file system element entry, you are not allowed to manipulate individual subentries.

System action: SMP/E does not process any of the changes in this UCL statement.

Programmer response: You can replace the entire list or possibly delete the entire list.

GIM35801W *subtype* SUBENTRY *subname* DOES NOT EXIST. THE REPLACE OPERATION HAS BEEN CHANGED TO AN ADD.

Explanation:

subtype subentry type

subname

subentry name (optional)

A UCL statement tried to replace the indicated subentry, but it does not exist. SMP/E assumed that you meant to add the subentry.

System action: SMP/E processes the UCL statement as if ADD were specified.

Programmer response: Do **one** of the following:

- If you meant to add the subentry, no response is required.
- If SMP/E should not have added the subentry, do the following:
 1. Use the UCL DEL statement to delete the subentry.
 2. Specify the correct entry and subentry.
 3. Rerun the UCL REP statement.

GIM35901I ERROR HOLD *reasonid* WAS NOT RESOLVED.

Explanation:

reasonid error hold reason ID

SMP/E could not process the SYSMOD named in GIM30206E because it was held for the indicated error reason ID (APAR), which was not resolved.

System action: See message GIM30206E.

Programmer response: Do **one** of the following:

- Install a SYSMOD that matches or supersedes the indicated APAR. This will automatically resolve the error reason ID. You can install the SYSMOD named in GIM30206E along with or after the resolving SYSMOD.
- Rerun the ACCEPT or APPLY command to install the SYSMOD named in GIM30206E, but specify **BYPASS(HOLDERR(*reasonid*))**.

GIM35902I SYSTEM HOLD *reasonid* WAS NOT RESOLVED.**Explanation:**

reasonid system hold reason ID

One of the following occurred:

- GIM30206E was also issued
SMP/E could not process the SYSMOD named in GIM30206E because it was held for the indicated system reason ID, which was not resolved.
- A GIM302xx message other than GIM30206E was also issued.
The previous GIM302xx (for example, GIM30209E) indicates why APPLY or ACCEPT processing failed for the indicated SYSMOD. Message GIM35902 is issued along with other GIM359xx messages, even if you specified **BYPASS(HOLDSYSTEM)**.

System action: See the description of the associated GIM302xx message that was issued.

Programmer response:

- GIM30206E was also issued.
Do any processing needed to resolve the system reason ID. Then rerun the ACCEPT or APPLY command to install the SYSMOD named in GIM30206E, but specify **BYPASS(HOLDSYS(*reasonid*))**.
- A GIM302xx message other than GIM30206E was also issued.
Do any processing needed to resolve the other GIM359xx messages that were issued. Then rerun the ACCEPT or APPLY command to install the SYSMOD named in the GIM302xx message, keeping **BYPASS(HOLDSYS(*reasonid*))**.

GIM35903I USER HOLD *reasonid* WAS NOT RESOLVED.**Explanation:**

reasonid user hold reason ID

SMP/E could not process the SYSMOD named in GIM30206E because it was held for the indicated user reason ID, which was not resolved.

System action: See message GIM30206E.

Programmer response: Do any processing needed to resolve the user reason ID. Then rerun the ACCEPT or APPLY command to install the SYSMOD named in GIM30206E, but specify **BYPASS(HOLDUSER(*reasonid*))**.

GIM35904I PREREQUISITE SYSMOD *sysmod* WAS MISSING.**Explanation:**

sysmod SYSMOD ID

SYSMOD *sysmod* is a prerequisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx because SYSMOD *sysmod* either is not available (it is not in the global zone or the MCS is not in the SMPPTS data set), or is available but was not included on the SELECT operand that was specified. (Because superseding SYSMODs may resolve requisites, this message may be issued if a SYSMOD that superseded SYSMOD *sysmod* was missing.)

Note: For RESTORE processing, this message is only issued for a prerequisite if the SYSMOD named in GIM302xx failed. It is not issued for all the prerequisites in the chain.

If this is ACCEPT processing, the SYSMOD may not be available because it has not been applied in the target zone.

System action: See message GIM302xx.

Programmer response: Do **one** of the following:

- If SYSMOD *sysmod* is available but was not selected for processing, modify the APPLY command operands to ensure it will be selected for processing and rerun the job. One example might be to specifically select the SYSMOD with the SELECT operand.
- If SYSMOD *sysmod* is no longer in the global zone or the MCS is no longer in the SMPPTS data set, receive it again so that it is available to be installed. Then rerun the job.

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- If this is ACCEPT processing and this SYSMOD is not available because it has not been applied in the target zone, APPLY the SYSMOD and then re-run the ACCEPT command.

GIM35905I PREREQUISITE SYSMOD *sysmod* WAS EXCLUDED.

Explanation:

sysmod SYSMOD ID

SYSMOD *sysmod* is a prerequisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx because SYSMOD *sysmod* was specified on the EXCLUDE operand. (Because superseding SYSMODs may resolve requisites, this message may be issued if a SYSMOD that superseded SYSMOD *sysmod* was excluded.)

Note: For RESTORE processing, this message is only issued for a prerequisite if the SYSMOD named in GIM302xx failed. It is not issued for all the prerequisites in the chain.

System action: See message GIM302xx.

Programmer response: Remove SYSMOD *sysmod* from the EXCLUDE operand and rerun the job.

GIM35906I PREREQUISITE SYSMOD *sysmod* WAS HELD.

Explanation:

sysmod SYSMOD ID

SYSMOD *sysmod* is a prerequisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx because there is a ++HOLD MCS for SYSMOD *sysmod* that was not resolved. (Because superseding SYSMODs may resolve requisites, this message may be issued if a SYSMOD that superseded SYSMOD *sysmod* was held.)

Note: For RESTORE processing, this message is only issued for a prerequisite if the SYSMOD named in GIM302xx failed. It is not issued for all the prerequisites in the chain.

System action: See message GIM302xx.

Programmer response: Do **one** of the following:

- For an ERROR hold, resolve it by installing a resolving SYSMOD: either a SYSMOD whose ID matches the ERROR hold reason ID, or a SYSMOD that supersedes that reason ID. Do this either before rerunning the job or as part of rerunning the job.
- For a SYSTEM or USER hold, specify the appropriate value on the BYPASS operand and rerun the job.

GIM35907I PREREQUISITE SYSMOD *sysmod* FAILED.

Explanation:

sysmod SYSMOD ID

SYSMOD *sysmod* is a prerequisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx because SYSMOD *sysmod* failed. The reason is indicated by previous messages. (Because superseding SYSMODs may resolve requisites, this message may be issued if a SYSMOD that superseded SYSMOD *sysmod* failed.)

Note: For RESTORE processing, this message is only issued for a prerequisite if the SYSMOD named in GIM302xx failed. It is not issued for all the prerequisites in the chain.

System action: See message GIM302xx.

Programmer response: Look at the preceding messages in SMPDOUT to determine why the SYSMOD failed. Fix the error and rerun the job.

GIM35908I COREQUISITE SYSMOD *sysmod* WAS MISSING.**Explanation:**

sysmod SYSMOD ID

SYSMOD *sysmod* is a corequisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx because SYSMOD *sysmod* either is not available (it is not in the global zone or the MCS is not in the SMPPTS data set), or is available but was not included on the SELECT operand that was specified. (Because superseding SYSMODs may resolve requisites, this message may be issued if a SYSMOD that superseded SYSMOD *sysmod* was missing.)

If this is ACCEPT processing, the SYSMOD may not be available because it has not been applied in the target zone.

System action: See message GIM302xx.

Programmer response: Do **one** of the following:

- If SYSMOD *sysmod* is available but was not selected for processing, modify the APPLY command operands to ensure it will be selected for processing and rerun the job. One example might be to specifically select the SYSMOD with the SELECT operand.
- If SYSMOD *sysmod* is no longer in the global zone or the MCS is no longer in the SMPPTS data set, receive it again so that it is available to be installed. Then rerun the job.
- If this is ACCEPT processing and this SYSMOD is not available because it has not been applied in the target zone, APPLY the SYSMOD and then re-run the ACCEPT command.

GIM35909I COREQUISITE SYSMOD *sysmod* WAS EXCLUDED.**Explanation:**

sysmod SYSMOD ID

SYSMOD *sysmod* is a corequisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx because SYSMOD *sysmod* was specified on the EXCLUDE operand. (Because superseding SYSMODs may resolve requisites, this message may be issued if a SYSMOD that superseded SYSMOD *sysmod* was excluded.)

System action: See message GIM302xx.

Programmer response: Remove SYSMOD *sysmod* from the EXCLUDE operand and rerun the job.

GIM35910I COREQUISITE SYSMOD *sysmod* WAS HELD.**Explanation:**

sysmod SYSMOD ID

SYSMOD *sysmod* is a corequisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx because there is a ++HOLD MCS for SYSMOD *sysmod* that was not resolved. (Because superseding SYSMODs may resolve requisites, this message may be issued if a SYSMOD that superseded SYSMOD *sysmod* was held.)

System action: See message GIM302xx.

Programmer response: Do **one** of the following:

- For an ERROR hold, resolve it by installing a resolving SYSMOD: either a SYSMOD whose ID matches the ERROR hold reason ID, or a SYSMOD that supersedes that reason ID. Do this either before rerunning the job or as part of rerunning the job.
- For a SYSTEM or USER hold, specify the appropriate value on the BYPASS operand and rerun the job.

GIM35911I COREQUISITE SYSMOD *sysmod* FAILED.**Explanation:**

sysmod SYSMOD ID

GIM35912I • GIM35914I

SYSMOD *sysmod* is a corequisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx because SYSMOD *sysmod* failed. The reason is indicated by previous messages. (Because superseding SYSMODs may resolve requisites, this message may be issued if a SYSMOD that superseded SYSMOD *sysmod* failed.)

System action: See message GIM302xx.

Programmer response: Look at the preceding messages in SMPOUT to determine why the SYSMOD failed. Fix the error and rerun the job.

GIM35912I CONDITIONAL REQUISITE SYSMOD *sysmod* WAS MISSING.

Explanation:

sysmod SYSMOD ID

SYSMOD *sysmod* is a conditional requisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx because SYSMOD *sysmod* either is not available (it is not in the global zone or the MCS is not in the SMPPTS data set), or is available but was not included on the SELECT operand that was specified. (Because superseding SYSMODs may resolve requisites, this message may be issued if a SYSMOD that superseded SYSMOD *sysmod* was missing.) The SYSMOD named in GIM302xx contains the ++IF MCS that defines the requisite.

If this is ACCEPT processing, the SYSMOD may not be available because it has not been applied in the target zone.

System action: See message GIM302xx.

Programmer response: Do **one** of the following:

- If SYSMOD *sysmod* is available but was not selected for processing, modify the APPLY command operands to ensure it will be selected for processing and rerun the job. One example might be to specifically select the SYSMOD with the SELECT operand.
- If SYSMOD *sysmod* is no longer in the global zone or the MCS is no longer in the SMPPTS data set, receive it again so that it is available to be installed. Then rerun the job.
- If this is ACCEPT processing and this SYSMOD is not available because it has not been applied in the target zone, APPLY the SYSMOD and then re-run the ACCEPT command.

GIM35913I CONDITIONAL REQUISITE SYSMOD *sysmod* WAS EXCLUDED.

Explanation:

sysmod SYSMOD ID

SYSMOD *sysmod* is a conditional requisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx because SYSMOD *sysmod* was specified on the EXCLUDE operand. (Because superseding SYSMODs may resolve requisites, this message may be issued if a SYSMOD that superseded SYSMOD *sysmod* was excluded.) The SYSMOD named in GIM302xx contains the ++IF MCS that defines the requisite.

System action: See message GIM302xx.

Programmer response: Remove SYSMOD *sysmod* from the EXCLUDE operand and rerun the job.

GIM35914I CONDITIONAL REQUISITE SYSMOD *sysmod* WAS HELD.

Explanation:

sysmod SYSMOD ID

SYSMOD *sysmod* is a conditional requisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx because there is a ++HOLD MCS for SYSMOD *sysmod* that was not resolved. (Because superseding SYSMODs may resolve requisites, this message may be issued if a SYSMOD that superseded SYSMOD *sysmod* was held.) The SYSMOD named in GIM302xx contains the ++IF MCS that defines the requisite.

System action: See message GIM302xx.

Programmer response: Do **one** of the following:

- For an ERROR hold, resolve it by installing a resolving SYSMOD: either a SYSMOD whose ID matches the ERROR hold reason ID, or a SYSMOD that supersedes that reason ID. Do this either before rerunning the job or as part of rerunning the job.
- For a SYSTEM or USER hold, specify the appropriate value on the BYPASS operand and rerun the job.

GIM35915I CONDITIONAL REQUISITE SYSMOD *sysmod* FAILED.

Explanation:

sysmod SYSMOD ID

SYSMOD *sysmod* is a conditional requisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx because SYSMOD *sysmod* failed. The reason is indicated by previous messages. (Because superseding SYSMODs may resolve requisites, this message may be issued if a SYSMOD that superseded SYSMOD *sysmod* failed.) The SYSMOD named in GIM302xx contains the ++IF MCS that defines the requisite.

System action: See message GIM302xx.

Programmer response: Look at the preceding messages in SMPOUT to determine why the SYSMOD failed. Fix the error and rerun the job.

GIM35916I CONDITIONAL REQUISITE SYSMOD *sysmod1* WAS MISSING. SYSMOD *sysmod2* CONTAINED THE ++IF STATEMENT.

Explanation:

sysmod1

SYSMOD ID of the requisite

sysmod2

ID of the SYSMOD that contained the ++IF MCS

SYSMOD *sysmod1* is a conditional requisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx because SYSMOD *sysmod1* either is not available (it is not in the global zone or the MCS is not in the SMPPTS data set), or is available but was not included on the SELECT operand that was specified. (Because superseding SYSMODs may resolve requisites, this message may be issued if a SYSMOD that superseded SYSMOD *sysmod1* was missing.) SYSMOD *sysmod2* contains the ++IF MCS that defines the requisite.

If this is ACCEPT processing, the SYSMOD may not be available because it has not been applied in the target zone.

System action: See message GIM302xx.

Programmer response: Do **one** of the following:

- If SYSMOD *sysmod1* is available but was not selected for processing, modify the APPLY command operands to ensure it will be selected for processing and rerun the job. One example might be to specifically select the SYSMOD with the SELECT operand.
- If SYSMOD *sysmod1* is no longer in the global zone or the MCS is no longer in the SMPPTS data set, receive it again so that it is available to be installed. Then rerun the job.
- If this is ACCEPT processing and this SYSMOD is not available because it has not been applied in the target zone, APPLY the SYSMOD and then re-run the ACCEPT command.

GIM35917I CONDITIONAL REQUISITE SYSMOD *sysmod1* WAS EXCLUDED. SYSMOD *sysmod2* CONTAINED THE ++IF STATEMENT.

Explanation:

sysmod1

SYSMOD ID of the requisite

sysmod2

ID of the SYSMOD that contained the ++IF MCS

SYSMOD *sysmod1* is a conditional requisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx because SYSMOD *sysmod1* was specified on the EXCLUDE operand. SYSMOD *sysmod2* contains the ++IF MCS that defines the requisite. (Because superseding SYSMODs may resolve requisites, this message may be issued if a SYSMOD that superseded SYSMOD *sysmod1* was excluded.)

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System action: See message GIM302xx.

Programmer response: Remove SYSMOD *sysmod1* from the EXCLUDE operand and rerun the job.

GIM35918I CONDITIONAL REQUISITE SYSMOD *sysmod1* WAS HELD. SYSMOD *sysmod2* CONTAINED THE ++IF STATEMENT.

Explanation:

sysmod1

SYSMOD ID of the requisite

sysmod2

ID of the SYSMOD that contained the ++IF MCS

SYSMOD *sysmod1* is a conditional requisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx because there is a ++HOLD MCS for SYSMOD *sysmod1* that was not resolved. (Because superseding SYSMODs may resolve requisites, this message may be issued if a SYSMOD that superseded SYSMOD *sysmod1* was held.) SYSMOD *sysmod2* contains the ++IF MCS that defines the requisite.

System action: See message GIM302xx.

Programmer response: Do **one** of the following:

- For an ERROR hold, resolve it by installing a resolving SYSMOD: either a SYSMOD whose ID matches the ERROR hold reason ID, or a SYSMOD that supersedes that reason ID. Do this either before rerunning the job or as part of rerunning the job.
- For a SYSTEM or USER hold, specify the appropriate value on the BYPASS operand and rerun the job.

GIM35919I CONDITIONAL REQUISITE SYSMOD *sysmod1* FAILED. SYSMOD *sysmod2* CONTAINED THE ++IF STATEMENT.

Explanation:

sysmod1

SYSMOD ID of the requisite

sysmod2

ID of the SYSMOD that contained the ++IF MCS

SYSMOD *sysmod1* is a conditional requisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx because SYSMOD *sysmod1* failed. The reason is indicated by previous messages. (Because superseding SYSMODs may resolve requisites, this message may be issued if a SYSMOD that superseded SYSMOD *sysmod1* failed.) SYSMOD *sysmod2* contains the ++IF MCS that defines the requisite.

System action: See message GIM302xx.

Programmer response: Look at the preceding messages in SMP/OUT to determine why the SYSMOD failed. Fix the error and rerun the job.

GIM35920I SYSMOD *sysmod*, WHICH SUPERSEDES THE INDICATED SYSMOD, FAILED.

Explanation:

sysmod SYSMOD ID

SMP/E tried to restore the SYSMOD named in GIM30209E, but SYSMOD *sysmod* supersedes the SYSMOD in GIM30209E. Therefore, SYSMOD *sysmod* must be restored along with the SYSMOD in GIM30209E.

System action: See message GIM30209E.

Programmer response: Do **one** of the following:

- Specify SYSMOD *sysmod* on the SELECT operand of the RESTORE command along with the SYSMOD in GIM30209E.
- Specify the GROUP operand on the RESTORE command for the SYSMOD in GIM30209E.

GIM35921I CROSS-ZONE REQUISITE SYSMOD *sysmod* REQUIRED IN ZONE *zonename* WAS BYPASSED.

Explanation:*sysmod* SYSMOD ID*zonename*

zone name that needs the cross-zone requisite

The SYSMOD named in GIM42001W specified SYSMOD *sysmod* as a cross-zone requisite. SMP/E found that the cross-zone requisite was needed in zone *zonename*. BYPASS(XZIFREQ) was specified, however, so SMP/E allowed processing to continue for the SYSMOD named in GIM42001W. The SYSMOD named in GIM42001W contains a ++IF MCS that defines the cross-zone requisite.

System action: Processing continues.

Programmer response: To ensure that the system will function properly, install the named cross-zone requisite in the indicated zone.

GIM35922I SYSMOD *sysmod*, WHICH SPECIFIES THE INDICATED SYSMOD AS A PREREQUISITE, FAILED.

Explanation:*sysmod* SYSMOD ID

SMP/E tried to restore the SYSMOD named in GIM30209E, but SYSMOD *sysmod* specifies the SYSMOD in GIM30209E as a prerequisite. Therefore, SYSMOD *sysmod* must be restored along with the SYSMOD in GIM30209E.

System action: See message GIM30209E.

Programmer response: Do **one** of the following:

- Specify SYSMOD *sysmod* on the SELECT operand of the RESTORE command along with the SYSMOD in GIM30209E.
- Specify the GROUP operand on the RESTORE command for the SYSMOD in GIM30209E.

GIM35923I SYSMOD *sysmod1* IN ZONE *zonename* REQUIRES SYSMOD *sysmod2*.

Explanation:*sysmod1*

SYSMOD ID

zonename

zone name that needs the cross-zone requisite

sysmod2

SYSMOD ID

SMP/E found that SYSMOD *sysmod2* is a cross-zone requisite for SYSMOD *sysmod1* in zone *zonename*. SYSMOD *sysmod1* contains a ++IF MCS that defines the cross-zone requisite.

System action: SYSMOD processing stops.

Programmer response: Do **one** of the following:

- Restore the causers in the zones indicated in message GIM35923I and then restore failing SYSMOD *sysmod1*.
- Restore SYSMOD *sysmod1* using BYPASS(XZIFREQ) and then Restore the causers in the zones indicated in message GIM35923I.

GIM35924I SYSMOD *sysmod*, WHICH SPECIFIES THE INDICATED SYSMOD AS A COREQUISITE, FAILED.

Explanation:*sysmod* SYSMOD ID

SMP/E tried to restore the SYSMOD named in GIM30209E, but SYSMOD *sysmod* specifies the SYSMOD in GIM30209E as a corequisite. Therefore, SYSMOD *sysmod* must be restored along with or before the SYSMOD in GIM30209E.

System action: See message GIM30209E.

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Programmer response: Do **one** of the following:

- Specify SYSMOD *sysmod* on the SELECT operand of the RESTORE command along with the SYSMOD in GIM30209E.
- Specify the GROUP operand on the RESTORE command for the SYSMOD in GIM30209E.
- Restore SYSMOD *sysmod*, then restore the SYSMOD in GIM30209E.

GIM35925I CROSS-ZONE REQUISITE SYSMOD *sysmod* REQUIRED IN ZONE *zonename* WAS MISSING.

Explanation:

sysmod SYSMOD ID

zonename

zone name that needs the cross-zone requisite

The SYSMOD named in GIM30209E specified SYSMOD *sysmod* as a cross-zone requisite. SMP/E found that the cross-zone requisite was needed in zone *zonename*, but was missing. The SYSMOD named in GIM30209E contains a ++IF MCS that defines the cross-zone requisite.

System action: See message GIM30209E.

Programmer response: See message GIM30209E.

GIM35926I SYSMOD *sysmod*, WHICH SPECIFIES THE INDICATED SYSMOD AS A CONDITIONAL REQUISITE, FAILED.

Explanation:

sysmod SYSMOD ID

SMP/E tried to restore the SYSMOD named in GIM30209E, but SYSMOD *sysmod* specifies the SYSMOD in GIM30209E as a conditional requisite. Therefore, SYSMOD *sysmod* must be restored along with or before the SYSMOD in GIM30209E. SYSMOD *sysmod* contains the ++IF MCS that defines the requisite.

System action: See message GIM30209E.

Programmer response: Do **one** of the following:

- Specify SYSMOD *sysmod* on the SELECT operand of the RESTORE command along with the SYSMOD in GIM30209E.
- Specify the GROUP operand on the RESTORE command for the SYSMOD in GIM30209E.
- Restore SYSMOD *sysmod*, then restore the SYSMOD in GIM30209E.

GIM35927I SYSMOD *sysmod*, WHICH SPECIFIES THE INDICATED SYSMOD AS AN FMID, FAILED.

Explanation:

sysmod SYSMOD ID

SMP/E tried to restore the SYSMOD named in GIM30209E, but SYSMOD *sysmod* specifies the SYSMOD in GIM30209E as an FMID. Therefore, SYSMOD *sysmod* must be restored along with the SYSMOD in GIM30209E.

System action: See message GIM30209E.

Programmer response: Do **one** of the following:

- Specify SYSMOD *sysmod* on the SELECT operand of the RESTORE command along with the SYSMOD in GIM30209E.
- Specify the GROUP operand on the RESTORE command for the SYSMOD in GIM30209E.

GIM35928I SYSMOD *sysmod*, WHICH IS AN FMID FOR THE INDICATED SYSMOD, FAILED.

Explanation:

sysmod SYSMOD ID

SYSMOD *sysmod* is the FMID that owns the SYSMOD indicated in a previous SMP/E message.

- If this message was issued for APPLY or ACCEPT processing, it indicates that SYSMOD *sysmod* must be applied or accepted along with or before the SYSMOD indicated in the previous SMP/E message.
- If this message was issued for RESTORE processing, SMP/E tried to restore the SYSMOD named in GIM30209E. Therefore, SYSMOD *sysmod* must either be accepted, or it must be restored along with the SYSMOD in GIM30209E.

System action: See message GIM30209E.

Programmer response: If this message was issued for APPLY or ACCEPT processing, check the following:

- Did SMP/E successfully install SYSMOD *sysmod* in the target libraries?
- Did SMP/E select SYSMOD *sysmod* for installation during the APPLY or ACCEPT step for the SYSMOD named in message GIM30209E?

If SMP/E is installing the requisite SYSMOD during the current APPLY or ACCEPT step, look at the preceding messages in SMP/OUT to find why the requisite SYSMOD failed.

Note: If a SYSMOD that supersedes SYSMOD *sysmod* fails, the requisite SYSMOD might also fail.

If this message was issued for RESTORE processing, do **one** of the following:

- Accept SYSMOD *sysmod* if you want those changes in the distribution libraries. Then restore the SYSMOD named in GIM30209E.
- Restore SYSMOD *sysmod* along with the SYSMOD named in GIM30209E. There are two ways to do this:
 - Specify SYSMOD *sysmod* on the SELECT operand of the RESTORE command along with the SYSMOD in GIM30209E.
 - Specify the GROUP operand on the RESTORE command for the SYSMOD in GIM30209E.

After this, you can reapply SYSMOD *sysmod* if you want those changes in the target libraries.

GIM35929I CROSS-ZONE REQUISITE SYSMOD *sysmod1* CAUSED BY SYSMOD *sysmod2* IN ZONE *zonename* WAS BYPASSED.

Explanation:

sysmod1

SYSMOD ID

sysmod2

SYSMOD ID

zonename

zone name

The SYSMOD named in GIM42001W had SYSMOD *sysmod1* as a cross-zone requisite from zone *zonename*. However, the XZIFREQ bypass option was specified for SYSMOD *sysmod1*, so SMP/E allowed the processing of the SYSMOD named in message GIM42001W to continue. The cross-zone requisite in zone *zonename* was caused by SYSMOD *sysmod2*.

System action: Processing continues.

Programmer response: None.

GIM35930I PREREQUISITE SYSMOD *sysmod* WAS BYPASSED.

Explanation:

sysmod SYSMOD ID

The SYSMOD named in GIM42001W named SYSMOD *sysmod* as a prerequisite. However, **BYPASS(PRE)** was specified, so SMP/E did not make sure the requisite was satisfied.

System action: See message GIM42001W.

Programmer response: None.

GIM35931I COREQUISITE SYSMOD *sysmod* WAS BYPASSED.

Explanation:

sysmod SYSMOD ID

The SYSMOD named in GIM42001W named SYSMOD *sysmod* as a corequisite. However, **BYPASS(REQ)** was specified, so SMP/E did not make sure the requisite was satisfied.

System action: See message GIM42001W.

Programmer response: None.

GIM35932I CONDITIONAL REQUISITE SYSMOD *sysmod* WAS BYPASSED.

Explanation:

sysmod SYSMOD ID

The SYSMOD named in GIM42001W named SYSMOD *sysmod* as a conditional requisite. However, **BYPASS(IFREQ)** was specified, so SMP/E did not make sure the requisite was satisfied. The SYSMOD named in GIM42001W contains the ++IF MCS that defines the requisite.

System action: See message GIM42001W.

Programmer response: None.

GIM35933I CONDITIONAL REQUISITE SYSMOD *sysmod1* WAS BYPASSED. SYSMOD *sysmod2* CONTAINED THE ++IF STATEMENT.

Explanation:

sysmod1

SYSMOD ID

sysmod2

ID of the SYSMOD that contained the ++IF MCS

The SYSMOD named in GIM42001W named SYSMOD *sysmod1* as a conditional requisite. However, **BYPASS(IFREQ)** was specified, so SMP/E did not make sure the requisite was satisfied. SYSMOD *sysmod2* contains the ++IF MCS that defines the requisite.

System action: See message GIM42001W.

Programmer response: None.

GIM35934I ERROR HOLD *reasonid* WAS BYPASSED.

Explanation:

reasonid error reason ID

The SYSMOD named in GIM42001W was held for the indicated error reason ID. However, **BYPASS(HOLDERR(*reasonid*))** was specified, so SMP/E assumed that the reason ID was resolved. (The user is responsible for resolving the reason ID before specifying the BYPASS operand.)

System action: See message GIM42001W.

Programmer response: None.

GIM35935I SYSTEM HOLD *reasonid* WAS BYPASSED.

Explanation:

reasonid system reason ID

The SYSMOD named in GIM42001W was held for the indicated system reason ID. However, **BYPASS(HOLDSYS(*reasonid*))** was specified, so SMP/E assumed that the reason ID was resolved. (The user is responsible for resolving the reason ID before specifying the BYPASS operand.)

System action: See message GIM42001W.

Programmer response: None.

GIM35936I USER HOLD *reasonid* WAS BYPASSED.

Explanation:

reasonid user reason ID

The SYSMOD named in GIM42001W was held for the indicated user reason ID. However, **BYPASS(HOLDUSER(*reasonid*))** was specified, so SMP/E assumed that the reason ID was resolved. (The user is responsible for resolving the reason ID before specifying the BYPASS operand.)

System action: See message GIM42001W.

Programmer response: None.

GIM35937I ERROR HOLD *reasonid* WAS BYPASSED BECAUSE CLASS *class* WAS BYPASSED.

Explanation:

reasonid error reason ID

class hold class

The SYSMOD named in GIM42001W was held for the indicated error reason ID and the associated class. However, **BYPASS(HOLDCLASS(*reasonid*))** was specified, so SMP/E assumed that the reason ID was resolved. (The user is responsible for resolving the reason ID before specifying the BYPASS operand.)

System action: See message GIM42001W.

Programmer response: None.

GIM35938I SYSTEM HOLD *reasonid* WAS BYPASSED BECAUSE CLASS *class* WAS BYPASSED.

Explanation:

reasonid system reason ID

class hold class

The SYSMOD named in GIM42001W was held for the indicated system reason ID and the associated class. However, **BYPASS(HOLDCLASS(*reasonid*))** was specified, so SMP/E assumed that the reason ID was resolved. (The user is responsible for resolving the reason ID before specifying the BYPASS operand.)

System action: See message GIM42001W.

Programmer response: None.

GIM35939I USER HOLD *reasonid* WAS BYPASSED BECAUSE CLASS *class* WAS BYPASSED.

Explanation:

reasonid user reason ID

class hold class

The SYSMOD named in GIM42001W was held for the indicated user reason ID and the associated class. However, **BYPASS(HOLDCLASS(*reasonid*))** was specified, so SMP/E assumed that the reason ID was resolved. (The user is responsible for resolving the reason ID before specifying the BYPASS operand.)

System action: See message GIM42001W.

Programmer response: None.

GIM35940I SYSMOD *sysmod1*, WHICH WOULD HAVE RESOLVED HOLD *holdid* FOR SYSMOD *sysmod2*, FAILED.

Explanation:

sysmod1 superseding SYSMOD ID
holdid HOLD ID
sysmod2 failing SYSMOD ID

During GROUPEXTEND processing, the SYSMOD that supersedes a hold has failed. This message follows GIM30206E.

System action: SYSMOD processing stops.

Programmer response: Fix the error and rerun the job.

GIM35941I SYSMOD *sysmod1*, WHICH WOULD HAVE DELETED SYSMOD *sysmod2*, FAILED.

Explanation:

sysmod1 deleting SYSMOD ID
sysmod2 SYSMOD ID

This message follows GIM30201E and names the SYSMODs that delete the SYSMOD in GIM30201E. SMP/E could not process SYSMOD *sysmod2* because it was supposed to be deleted, but all the SYSMODs that were supposed to delete it failed.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Fix the error and rerun the job.

GIM35942I SYSMOD *sysmod1*, WHICH WOULD HAVE SUPERSEDED SYSMOD *sysmod2*, FAILED.

Explanation:

sysmod1 superseding SYSMOD ID
sysmod2 SYSMOD ID

This message follows GIM30202E and names the superseding SYSMODs. SMP/E could not process SYSMOD *sysmod2* because it was supposed to be superseded, but all the SYSMODs that were supposed to supersede it failed.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response: Fix the error and rerun the job.

GIM35943I SYSMOD *sysmod*, WHICH SUPERSEDES THE INDICATED SYSMOD, WAS MISSING.

Explanation:

sysmod SYSMOD ID

SMP/E tried to restore the SYSMOD named in GIM30209E, but SYSMOD *sysmod* supersedes the SYSMOD in GIM30209E. Therefore, SYSMOD *sysmod* must be restored along with the SYSMOD in GIM30209E.

System action: See message GIM30209E.

Programmer response: Do **one** of the following:

- Specify SYSMOD *sysmod* on the SELECT operand of the RESTORE command along with the SYSMOD in GIM30209E.
- Specify the GROUP operand on the RESTORE command for the SYSMOD in GIM30209E.

GIM35944I SYSMOD *sysmod*, WHICH SPECIFIES THE INDICATED SYSMOD AS A PREREQUISITE, WAS MISSING.

Explanation:

sysmod SYSMOD ID

SMP/E tried to restore the SYSMOD named in GIM30209E, but SYSMOD *sysmod* specifies the SYSMOD in GIM30209E as a prerequisite. Therefore, SYSMOD *sysmod* must be restored along with the SYSMOD in GIM30209E.

System action: See message GIM30209E.

Programmer response: Do **one** of the following:

- Specify SYSMOD *sysmod* on the SELECT operand of the RESTORE command along with the SYSMOD in GIM30209E.
- Specify the GROUP operand on the RESTORE command for the SYSMOD in GIM30209E.

GIM35945I SYSMOD *sysmod*, WHICH SPECIFIES THE INDICATED SYSMOD AS A COREQUISITE, WAS MISSING.

Explanation:

sysmod SYSMOD ID

SMP/E tried to restore the SYSMOD named in GIM30209E, but SYSMOD *sysmod* specifies the SYSMOD in GIM30209E as a corequisite. Therefore, SYSMOD *sysmod* must be restored along with or before the SYSMOD in GIM30209E.

System action: See message GIM30209E.

Programmer response: Do **one** of the following:

- Specify SYSMOD *sysmod* on the SELECT operand of the RESTORE command along with the SYSMOD in GIM30209E.
- Specify the GROUP operand on the RESTORE command for the SYSMOD in GIM30209E.
- Restore SYSMOD *sysmod*, then restore the SYSMOD in GIM30209E.

GIM35946I SYSMOD *sysmod*, WHICH SPECIFIES THE INDICATED SYSMOD AS A CONDITIONAL REQUISITE, WAS MISSING.

Explanation:

sysmod SYSMOD ID

SMP/E tried to restore the SYSMOD named in GIM30209E, but SYSMOD *sysmod* specifies the SYSMOD in GIM30209E as a conditional requisite. Therefore, SYSMOD *sysmod* must be restored along with or before the SYSMOD in GIM30209E. SYSMOD *sysmod* contains the ++IF MCS that defines the requisite.

System action: See message GIM30209E.

Programmer response: Do **one** of the following:

- Specify SYSMOD *sysmod* on the SELECT operand of the RESTORE command along with the SYSMOD in GIM30209E.
- Specify the GROUP operand on the RESTORE command for the SYSMOD in GIM30209E.
- Restore SYSMOD *sysmod*, then restore the SYSMOD in GIM30209E.

GIM35947I SYSMOD *sysmod*, WHICH SPECIFIES THE INDICATED SYSMOD AS AN FMID, WAS MISSING.

Explanation:

sysmod SYSMOD ID

SMP/E tried to restore the SYSMOD named in GIM30209E, but SYSMOD *sysmod* specifies the SYSMOD in GIM30209E as an FMID. Therefore, SYSMOD *sysmod* must be restored along with the SYSMOD in GIM30209E.

System action: See message GIM30209E.

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Programmer response: Do **one** of the following:

- Specify SYSMOD *sysmod* on the SELECT operand of the RESTORE command along with the SYSMOD in GIM30209E.
- Specify the GROUP operand on the RESTORE command for the SYSMOD in GIM30209E.

GIM35948I SYSMOD *sysmod*, WHICH IS AN FMID FOR THE INDICATED SYSMOD, WAS MISSING.

Explanation:

sysmod SYSMOD ID

SYSMOD *sysmod* is the FMID that owns the SYSMOD indicated in a previous SMP/E message.

- If this message was issued for APPLY or ACCEPT processing, it indicates that SYSMOD *sysmod* must be applied or accepted along with or before the SYSMOD indicated in the previous SMP/E message.
- If this message was issued for RESTORE processing, SMP/E tried to restore the SYSMOD named in GIM30209E. Therefore, SYSMOD *sysmod* must either be accepted, or it must be restored along with the SYSMOD in GIM30209E.

System action: See message GIM30209E.

Programmer response: Do **one** of the following:

- For APPLY or ACCEPT processing, check the following:
 - Did SMP/E successfully install SYSMOD *sysmod* in the target libraries?
 - Did SMP/E select SYSMOD *sysmod* for installation during the APPLY or ACCEPT step for the SYSMOD named in message GIM30209E?

If SMP/E is installing the requisite SYSMOD during the APPLY or ACCEPT step, look at the preceding messages in SMP/OUT to find why the requisite SYSMOD failed.

Note: If a SYSMOD that supersedes SYSMOD *sysmod* fails, the requisite SYSMOD might also fail.

- For RESTORE processing, do **one** of the following:
 - Accept SYSMOD *sysmod*, if you want those changes in the distribution libraries. Then restore the SYSMOD named in GIM30209E.
 - Restore SYSMOD *sysmod* along with the SYSMOD named in GIM30209E. There are two ways to do this:
 1. Specify SYSMOD *sysmod* on the SELECT operand of the RESTORE command along with the SYSMOD in GIM30209E.
 2. Specify the GROUP operand on the RESTORE command for the SYSMOD in GIM30209E.

After this, you can reapply SYSMOD *sysmod* if you want those changes in the target libraries.

GIM35949I ERROR HOLD *reasonid* WAS NOT RESOLVED. SYSMOD *sysmod* WOULD HAVE SUPERSEDED *reasonid*, BUT HAS FAILED.

Explanation:

reasonid error hold reason ID

sysmod ID of a SYSMOD that supersedes the reason ID

SMP/E could not process the SYSMOD named in GIM30206E, because that SYSMOD was held for the indicated error reason ID (APAR), which was not resolved. SYSMOD *sysmod* would have resolved the error reason ID, but has failed processing.

System action: See message GIM30206E.

Programmer response: Do **one** of the following:

- Resolve the errors that caused SYSMOD *sysmod* to fail, and rerun the APPLY or ACCEPT command.
- Rerun the APPLY or ACCEPT command to install the SYSMOD named in GIM30206E, but specify **BYPASS(HOLDERR(*reasonid*))**.

GIM35950I ERROR HOLD *reasonid* WAS NOT RESOLVED. SYSMOD *sysmod* WOULD HAVE SUPERSEDED *reasonid*, BUT WAS EXCLUDED.

Explanation:

reasonid error hold reason ID

sysmod ID of a SYSMOD that supersedes the reason ID

SMP/E could not process the SYSMOD named in GIM30206E, because that SYSMOD was held for the indicated error reason ID (APAR), which was not resolved. SYSMOD *sysmod* would have resolved the error reason ID, but was excluded from processing.

System action: See message GIM30206E.

Programmer response: Do **one** of the following:

- Remove SYSMOD *sysmod* from the EXCLUDE operand, and rerun the command.
- Rerun the APPLY or ACCEPT command to install the SYSMOD named in GIM30206E, but specify **BYPASS(HOLDERR(*reasonid*))**.

GIM35951I PREREQUISITE SYSMOD *sysmod1* WAS MISSING. SYSMOD *sysmod2* WOULD HAVE SUPERSEDED *sysmod1*, BUT HAS FAILED.

Explanation:

sysmod1

SYSMOD ID

sysmod2

ID of a SYSMOD that supersedes *sysmod1*

SYSMOD *sysmod1* is a prerequisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx, because SYSMOD *sysmod1* either is not available (it is not in the GLOBAL zone), or is available but was not selected for processing. SYSMOD *sysmod2* would have superseded SYSMOD *sysmod1*, but has failed processing.

System action: See message GIM302xx.

Programmer response: Do **one** of the following:

- Resolve the errors that caused SYSMOD *sysmod2* to fail, and rerun the APPLY or ACCEPT command.
- Receive SYSMOD *sysmod1*, making it available to select for processing; or, if it is already available, select it for processing. Then rerun the job.

GIM35952I PREREQUISITE SYSMOD *sysmod1* WAS MISSING. SYSMOD *sysmod2* WOULD HAVE SUPERSEDED *sysmod1*, BUT WAS EXCLUDED.

Explanation:

sysmod1

SYSMOD ID

sysmod2

ID of a SYSMOD that supersedes *sysmod1*

SYSMOD *sysmod1* is a prerequisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx, because SYSMOD *sysmod1* either is not available (it is not in the GLOBAL zone), or is available but was not selected for processing. SYSMOD *sysmod2* would have superseded SYSMOD *sysmod1*, but was excluded from processing.

System action: See message GIM302xx.

Programmer response: Do **one** of the following:

- Remove SYSMOD *sysmod2* from the EXCLUDE operand, and rerun the job.
- Receive SYSMOD *sysmod1*, making it available to select for processing; or, if it is already available, select it for processing. Then rerun the job.

GIM35953I COREQUISITE SYSMOD *sysmod1* WAS MISSING. SYSMOD *sysmod2* WOULD HAVE SUPERSEDED *sysmod1*, BUT HAS FAILED.

Explanation:*sysmod1*

SYSMOD ID

*sysmod2*ID of a SYSMOD that supersedes *sysmod1*

SYSMOD *sysmod1* is a corequisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx, because SYSMOD *sysmod1* either is not available (it is not in the GLOBAL zone), or is available but was not selected for processing. SYSMOD *sysmod2* would have superseded SYSMOD *sysmod1*, but has failed processing.

System action: See message GIM302xx.

Programmer response: Do **one** of the following:

- Resolve the errors that caused SYSMOD *sysmod2* to fail, and rerun the APPLY or ACCEPT command.
- Receive SYSMOD *sysmod1*, making it available to select for processing; or, if it is already available, select it for processing. Then rerun the job.

GIM35954I COREQUISITE SYSMOD *sysmod1* WAS MISSING. SYSMOD *sysmod2* WOULD HAVE SUPERSEDED *sysmod1*, BUT WAS EXCLUDED.

Explanation:*sysmod1*

SYSMOD ID

*sysmod2*ID of a SYSMOD that supersedes *sysmod1*

SYSMOD *sysmod1* is a corequisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx, because SYSMOD *sysmod1* either is not available (it is not in the GLOBAL zone), or is available but was not selected for processing. SYSMOD *sysmod2* would have superseded SYSMOD *sysmod1*, but was excluded from processing.

System action: See message GIM302xx.

Programmer response: Do **one** of the following:

- Remove SYSMOD *sysmod2* from the EXCLUDE operand, and rerun the job.
- Receive SYSMOD *sysmod1*, making it available to select for processing; or, if it is already available, select it for processing. Then rerun the job.

GIM35955I CONDITIONAL REQUISITE SYSMOD *sysmod1* WAS MISSING. SYSMOD *sysmod2* WOULD HAVE SUPERSEDED *sysmod1*, BUT HAS FAILED.

Explanation:*sysmod1*

SYSMOD ID

*sysmod2*ID of a SYSMOD that supersedes *sysmod1*

SYSMOD *sysmod1* is a conditional requisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx, because SYSMOD *sysmod1* either is not available (it is not in the GLOBAL zone), or is available but was not selected for processing. SYSMOD *sysmod2* would have superseded SYSMOD *sysmod1*, but has failed processing.

System action: See message GIM302xx.

Programmer response: Do **one** of the following:

- Resolve the errors that caused SYSMOD *sysmod2* to fail, and rerun the APPLY or ACCEPT command.
- Receive SYSMOD *sysmod1*, making it available to select for processing; or, if it is already available, select it for processing. Then rerun the job.

GIM35956I CONDITIONAL REQUISITE SYSMOD *sysmod1* WAS MISSING. SYSMOD *sysmod2* WOULD HAVE SUPERSEDED *sysmod1*, BUT WAS EXCLUDED.

Explanation:*sysmod1*

SYSMOD ID

*sysmod2*ID of a SYSMOD that supersedes *sysmod1*

SYSMOD *sysmod1* is a conditional requisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx, because SYSMOD *sysmod1* either is not available (it is not in the GLOBAL zone), or is available but was not selected for processing. SYSMOD *sysmod2* would have superseded SYSMOD *sysmod1*, but was excluded from processing.

System action: See message GIM302xx.

Programmer response: Do **one** of the following:

- Remove SYSMOD *sysmod2* from the EXCLUDE operand, and rerun the job.
- Receive SYSMOD *sysmod1*, making it available to select for processing; or, if it is already available, select it for processing. Then rerun the job.

GIM35957I CONDITIONAL REQUISITE SYSMOD *sysmod1* WAS MISSING. SYSMOD *sysmod2* WOULD HAVE SUPERSEDED *sysmod1*, BUT HAS FAILED. SYSMOD *sysmod3* CONTAINED THE ++IF STATEMENT.

Explanation:*sysmod1*

SYSMOD ID

*sysmod2*ID of a SYSMOD that supersedes *sysmod1**sysmod3*

ID of the SYSMOD that contained the ++IF MCS

SYSMOD *sysmod1* is a conditional requisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx, because SYSMOD *sysmod1* either is not available (it is not in the GLOBAL zone), or is available but was not selected for processing. SYSMOD *sysmod2* would have superseded SYSMOD *sysmod1*, but has failed processing. SYSMOD *sysmod3* contains the ++IF MCS that defines the requisite.

System action: See message GIM302xx.

Programmer response: Do **one** of the following:

- Resolve the errors that caused SYSMOD *sysmod2* to fail, and rerun the APPLY or ACCEPT command.
- Receive SYSMOD *sysmod1*, making it available to select for processing; or, if it is already available, select it for processing. Then rerun the job.

GIM35958I CONDITIONAL REQUISITE SYSMOD *sysmod1* WAS MISSING. SYSMOD *sysmod2* WOULD HAVE SUPERSEDED *sysmod1*, BUT WAS EXCLUDED. SYSMOD *sysmod3* CONTAINED THE ++IF STATEMENT.

Explanation:*sysmod1*

SYSMOD ID

*sysmod2*ID of a SYSMOD that supersedes *sysmod1**sysmod3*

ID of the SYSMOD that contained the ++IF MCS

SYSMOD *sysmod1* is a conditional requisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx, because SYSMOD *sysmod1* either is not available (it is not in the GLOBAL zone), or is available but was not selected for processing. SYSMOD *sysmod2* would have superseded SYSMOD *sysmod1*, but was excluded from processing. SYSMOD *sysmod3* contains the ++IF MCS that defines the requisite.

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System action: See message GIM302xx.

Programmer response: Do one of the following:

- Remove SYSMOD *sysmod2* from the EXCLUDE operand, and rerun the job.
- Receive SYSMOD *sysmod1*, making it available to select for processing; or, if it is already available, select it for processing. Then rerun the job.

GIM35959I CROSS-ZONE REQUISITE SYSMOD *sysmod1* CAUSED BY SYSMOD *sysmod2* IN ZONE *zonename* WAS MISSING.

Explanation:

sysmod1
SYSMOD ID
sysmod2
SYSMOD ID
zonename
zone name

The SYSMOD named in GIM30209E had SYSMOD *sysmod1* as a cross-zone requisite. The cross-zone requisite was caused by SYSMOD *sysmod2* in zone *zonename*. SMP/E could not process the SYSMOD named in GIM30209E, because SYSMOD *sysmod1* is not available (it is not in the global zone), or is available but was not selected for processing.

System action: See message GIM30209E.

Programmer response: Receive the missing SYSMOD into the global zone and make sure that is selectable for processing. Then rerun the job.

GIM35960I CROSS-ZONE REQUISITE SYSMOD *sysmod1* CAUSED BY SYSMOD *sysmod2* IN ZONE *zonename* WAS EXCLUDED.

Explanation:

sysmod1
SYSMOD ID
sysmod2
SYSMOD ID
zonename
zone name

The SYSMOD named in GIM30209E had SYSMOD *sysmod1* as a cross-zone requisite. The cross-zone requisite was caused by SYSMOD *sysmod2* in zone *zonename*. SMP/E could not process the SYSMOD named in GIM30209E, because SYSMOD *sysmod1* was specified on the EXCLUDE operand.

System action: See message GIM30209E.

Programmer response: Remove SYSMOD *sysmod1* from the EXCLUDE operand and rerun the job.

GIM35961I CROSS-ZONE REQUISITE SYSMOD *sysmod1* CAUSED BY SYSMOD *sysmod2* IN ZONE *zonename* WAS HELD.

Explanation:

sysmod1
SYSMOD ID
sysmod2
SYSMOD ID
zonename
zone name

The SYSMOD named in GIM30209E had SYSMOD *sysmod1* as a cross-zone requisite. The cross-zone requisite was caused by SYSMOD *sysmod2* in zone *zonename*. SMP/E could not process the SYSMOD named in GIM30209E, because a ++HOLD MCS for SYSMOD *sysmod1* was not resolved.

System action: See message GIM30209E.

Programmer response: Do one of the following:

- For an ERROR hold, resolve it by installing a resolving SYSMOD: either a SYSMOD whose ID matches the ERROR hold reason ID, or a SYSMOD that supersedes that reason ID. Do this either before rerunning the job or as part of rerunning the job.
- For a SYSTEM or USER hold, specify the appropriate value on the BYPASS operand and rerun the job.

GIM35962I CROSS-ZONE REQUISITE SYSMOD *sysmod1* CAUSED BY SYSMOD *sysmod2* IN ZONE *zonename* FAILED.

Explanation:

sysmod1
SYSMOD ID
sysmod2
SYSMOD ID
zonename
zone name

The SYSMOD named in GIM30209E had SYSMOD *sysmod1* as a cross-zone requisite. The cross-zone requisite was caused by SYSMOD *sysmod2* in zone *zonename*. SMP/E could not process the SYSMOD named in GIM30209E, because SYSMOD *sysmod1* failed. The reason for the failure is indicated by a previous message.

System action: See message GIM30209E.

Programmer response: Look at the preceding messages in SMP/OUT to determine why the SYSMOD failed. Fix the error and rerun the job.

GIM35963I CROSS-ZONE REQUISITE SYSMOD *sysmod1* CAUSED BY SYSMOD *sysmod2* IN ZONE *zonename* WAS MISSING. SYSMOD *sysmod3* WOULD HAVE SUPERSEDED *sysmod1*, BUT HAS FAILED.

Explanation:

sysmod1
SYSMOD ID
sysmod2
causing SYSMOD ID
zonename
zone name for causing SYSMOD
sysmod3
ID of a SYSMOD that supersedes *sysmod1*

SYSMOD *sysmod1* is a cross-zone requisite for SYSMOD *sysmod2* in zone *zonename*. However, SMP/E could not process SYSMOD *sysmod2* because SYSMOD *sysmod1* either is not available (it is not in the global zone) or is available, but was not selected for processing. SYSMOD *sysmod3* would have superseded *sysmod1*, but has failed processing. but has failed processing.

System action: See message GIM30209E.

Programmer response: Do one of the following:

- Remove SYSMOD *sysmod3* from the EXCLUDE operand, and rerun the job.
- Receive SYSMOD *sysmod1* into the global zone, making it available to select for processing; or, if it is already available, select it for processing. Then rerun the job.

GIM35964I CROSS-ZONE REQUISITE SYSMOD *sysmod1* CAUSED BY SYSMOD *sysmod2* IN ZONE *zonename* WAS MISSING. SYSMOD *sysmod3* WOULD HAVE SUPERSEDED *sysmod1*, BUT WAS EXCLUDED.

Explanation:

sysmod1
SYSMOD ID
sysmod2
causing SYSMOD ID
zonename
zone name for causing SYSMOD

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sysmod3

ID of a SYSMOD that supersedes *sysmod1*

SYSMOD *sysmod1* is a cross-zone requisite for SYSMOD *sysmod2* in zone *zonename*. However, SMP/E could not process SYSMOD *sysmod2*, because SYSMOD *sysmod1* either is not available (it is not in the global zone) or is available, but was not selected for processing. SYSMOD *sysmod3* would have superseded SYSMOD *sysmod1*, but was excluded from processing.

System action: See message GIM30206E.

Programmer response: Do **one** of the following:

- Remove SYSMOD *sysmod3* from the EXCLUDE operand, and rerun the job.
- Receive SYSMOD *sysmod1* into the global zone, making it available to select for processing; or, if it is already available, select it for processing. Then rerun the job.

GIM35965I SYSTEM HOLD *reasonid* ORIGINATED BY SYSMOD *sysmod* WAS NOT RESOLVED.

Explanation:

reasonid system hold reason ID

sysmod SYSMOD ID

One of the following occurred:

- GIM30206E was also issued.
SMP/E could not process the SYSMOD named in GIM30206E because it was held for the indicated system reason ID as originated by the indicated SYSMOD ID. The hold was not resolved.
- A GIM302xx message other than GIM30206E was also issued.
The previous GIM302xx (for example, GIM30209E) indicates why APPLY or ACCEPT processing failed for the indicated SYSMOD. Message GIM35965 is issued along with other GIM359xx messages, even if you specified BYPASS(HOLDSYSTEM) or some other variation of the BYPASS operand that would have bypassed the reported condition.

System action: See the description of the associated GIM302xx message that was issued.

Programmer response:

- If GIM30206E was also issued, do any processing needed to resolve the system reason ID as originated by the indicated SYSMOD ID. Then rerun the ACCEPT or APPLY command to install the SYSMOD named in GIM30206E. You may need to specify BYPASS(HOLDSYS(*reasonid*)) or some other variation of BYPASS.
- If a GIM302xx message other than GIM30206E was also issued, do any processing needed to resolve the other GIM359xx messages that were issued. Then rerun the ACCEPT or APPLY command to install the SYSMOD named in the GIM302xx message. You may need to specify BYPASS(HOLDSYS(*reasonid*)) or some other variation of BYPASS.

GIM35966I SYSTEM HOLD *reasonid* ORIGINATED BY SYSMOD *sysmod* WAS BYPASSED.

Explanation:

reasonid system hold reason ID

sysmod SYSMOD ID

The SYSMOD named in GIM42001W was held for the indicated system reason ID as originated by the indicated SYSMOD ID. However, some form of BYPASS was specified that bypassed the indicated system reason ID, so SMP/E assumed that the reason ID was resolved. (The user is responsible for resolving the reason ID before specifying the BYPASS operand.)

System action: See message GIM42001W.

Programmer response: None.

GIM35967I PREREQUISITE SYSMOD *sysmod* IS BEING DELETED.**Explanation:**

sysmod SYSMOD ID

SYSMOD *sysmod* is a prerequisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx because SYSMOD *sysmod* is being deleted.

System action: See message GIM302xx.

Programmer response: Install a SYSMOD which supersedes *sysmod* along with the current group of SYSMODs being installed.

GIM35968I COREQUISITE SYSMOD *sysmod* IS BEING DELETED.**Explanation:**

sysmod SYSMOD ID

SYSMOD *sysmod* is a corequisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx because SYSMOD *sysmod* is being deleted.

System action: See message GIM302xx.

Programmer response: Install a SYSMOD which supersedes *sysmod* along with the current group of SYSMODs being installed.

GIM35969I CONDITIONAL REQUISITE SYSMOD *sysmod* IS BEING DELETED.**Explanation:**

sysmod SYSMOD ID

SYSMOD *sysmod* is a conditional requisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx because SYSMOD *sysmod* is being deleted. The SYSMOD named in GIM302xx contains the ++IF MCS that defines the requisite.

System action: See message GIM302xx.

Programmer response: Install a SYSMOD which supersedes *sysmod* along with the current group of SYSMODs being installed.

GIM35970I CONDITIONAL REQUISITE SYSMOD *sysmod1* IS BEING DELETED. SYSMOD *sysmod2* CONTAINED THE ++IF STATEMENT.**Explanation:**

sysmod1

SYSMOD ID

sysmod2

ID of the SYSMOD that contained the ++IF MCS

SYSMOD *sysmod1* is a conditional requisite for the SYSMOD named in GIM302xx. However, SMP/E could not process the SYSMOD named in GIM302xx because SYSMOD *sysmod1* is being deleted. SYSMOD *sysmod2* contains the ++IF MCS that defines the requisite.

System action: See message GIM302xx.

Programmer response: Install a SYSMOD which supersedes *sysmod1* along with the current group of SYSMODs being installed.

GIM35971I CROSS-ZONE REQUISITE SYSMOD *sysmod1* CAUSED BY SYSMOD *sysmod2* IN ZONE *zonename* IS BEING DELETED.**Explanation:**

sysmod1

SYSMOD ID

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sysmod2
SYSMOD ID
zonename
zone name

The SYSMOD named in GIM30209E had SYSMOD *sysmod1* as a cross-zone requisite. The cross-zone requisite was caused by SYSMOD *sysmod2* in zone *zonename*. SMP/E could not process the SYSMOD named in GIM30209E because SYSMOD *sysmod1* is being deleted.

System action: See message GIM30209E.

Programmer response: Install a SYSMOD which supersedes *sysmod1* along with the current group of SYSMODs being installed.

GIM35972I SYSMOD *sysmod*, WHICH IS SUPERSEDED BY THE INDICATED SYSMOD, FAILED.

Explanation:
sysmod SYSMOD ID

SMP/E tried to restore the SYSMOD named in GIM30209E, but SYSMOD *sysmod* is superseded by the SYSMOD in GIM30209E. Therefore, SYSMOD *sysmod* must be restored along with the SYSMOD in GIM30209E.

System action: See message GIM30209E.

Programmer response: Specify SYSMOD *sysmod* on the SELECT operand of the RESTORE command along with the SYSMOD in GIM30209E.

GIM35973I FIXCAT HOLD *reasonid* WAS NOT RESOLVED.

Explanation:
reasonid FIXCAT hold reason ID

SMP/E could not process the SYSMOD named in GIM30206E because it was held for the indicated FIXCAT reason ID (APAR). The APAR is identified on a ++HOLD FIXCAT statement, and SMP/E enforces the HOLD because the Fix Category value for the HOLD matches a value in the active Fix Category interest list for the ACCEPT or APPLY command.

System action: See message GIM30206E.

Programmer response: Perform one of the following actions:

- Install a SYSMOD that matches or supersedes the indicated APAR. This automatically resolves the FIXCAT HOLD reason ID. You can install the SYSMOD named in GIM30206E with, or after, the resolving SYSMOD.
- Rerun the ACCEPT or APPLY command to install the SYSMOD named in GIM30206E, and specify BYPASS(HOLDFIXCAT(*sysmod*)).
- Rerun the ACCEPT or APPLY command to install the SYSMOD named in GIM30206E, but change the active Fix Category interest list to remove the value that matches the Fix Category value of the HOLD.

GIM35974I FIXCAT HOLD *reasonid* WAS BYPASSED.

Explanation:
reasonid FIXCAT reason ID

The SYSMOD named in GIM42001W was held for the indicated reason ID. However, BYPASS(HOLDFIXCAT) or BYPASS(HOLDFIXCAT(*reasonid*)) was specified, so SMP/E assumed that the reason ID was resolved.

Note: The user is responsible for resolving the reason ID before specifying the BYPASS operand.

System action: See message GIM42001W.

Programmer response: None.

GIM35975I FIXCAT HOLD *reasonid* WAS BYPASSED BECAUSE CLASS *class* WAS BYPASSED.

Explanation:

reasonid FIXCAT hold reason ID
class hold class

The SYSMOD named in GIM42001W was held for the indicated FIXCAT reason ID and the associated class. However, BYPASS(HOLDCLASS(*class*)) was specified, so SMP/E assumed the reason ID was resolved.

System action: See message GIM42001W.

Programmer response: None.

GIM35976I FIXCAT HOLD *reasonid* WAS NOT RESOLVED. SYSMOD *sysmod* WOULD HAVE SUPERSEDED *reasonid*, BUT HAS FAILED.

Explanation:

reasonid FIXCAT hold reason ID
sysmod ID of the SYSMOD that supersedes the reason ID

SMP/E could not process the SYSMOD named in GIM30206E because that SYSMOD was held for the indicated reason ID (APAR), which was not resolved. SYSMOD *sysmod* would have resolved the reason ID, but has failed processing.

The unresolved reason ID is identified on a ++HOLD FIXCAT statement, and SMP/E enforces the HOLD because the Fix Category value for the HOLD matches a value in the active Fix Category interest list for the ACCEPT or APPLY command.

System action: See message GIM30206E.

Programmer response: Perform one of the following actions:

- Resolve the errors that caused SYSMOD *sysmod* to fail, and rerun the ACCEPT or APPLY command.
- Rerun the ACCEPT or APPLY command to install the SYSMOD named in GIM30206E, and specify BYPASS(HOLDFIXCAT(*reasonid*)).
- Rerun the ACCEPT or APPLY command to install the SYSMOD named in GIM30206E, but change the active Fix Category interest list to remove the value that matches the Fix Category value of the HOLD.

GIM35977I FIXCAT HOLD *reasonid* WAS NOT RESOLVED. SYSMOD *sysmod* WOULD HAVE SUPERSEDED *reasonid*, BUT WAS EXCLUDED.

Explanation:

reasonid FIXCAT hold reason ID
sysmod ID of the SYSMOD that supersedes the reason ID

SMP/E could not process the SYSMOD named in GIM30206E because that SYSMOD was held for the indicated reason ID (APAR), which was not resolved. SYSMOD *sysmod* would have resolved the reason ID, but was excluded from processing.

The unresolved reason ID is identified on a ++HOLD FIXCAT statement, and SMP/E enforces the HOLD because the Fix Category value for the HOLD matches a value in the active Fix Category interest list for the ACCEPT or APPLY command.

System action: See message GIM30206E.

Programmer response: Do one of the following:

- Remove SYSMOD *sysmod* from the EXCLUDE operand, and rerun the command.
- Rerun the ACCEPT or APPLY command to install the SYSMOD named in GIM30206E, but specify BYPASS(HOLDFIXCAT(*reasonid*)).
- Rerun the ACCEPT or APPLY command to install the SYSMOD named in GIM30206E, but change the active Fix Category interest list to remove the value that matches the Fix Category value of the HOLD.

GIM36000S THE *suboper* SUBOPERAND ON THE BYPASS OPERAND WAS FOUND ON THE RECEIVE COMMAND. THIS RELEASE OF SMP/E DOES NOT SUPPORT THE *suboper* SUBOPERAND. OS/390 RELEASE 5 OR HIGHER IS NEEDED.

Explanation:

suboper APPLYCHECK or ACCEPTCHECK

SMP/E found the indicated BYPASS suboperand on the indicated command. The suboperand is not supported by the release of SMP/E that is executing.

System action: Command processing stops.

Programmer response: Use the appropriate level of SMP/E that supports the BYPASS suboperand (the SMP/E element of OS/390 Release 5 or higher).

GIM36100I DATA SET *sysut1* WAS *action* INTO DATA SET *sysut2*.

Explanation:

sysut1 data set name of the SYSUT1 data set

action COMPACTED or EXPANDED

sysut2 data set name of the SYSUT2 data set

GIMCPTS successfully processed the records from the SYSUT1 data set. It either compacted or expanded the input from the SYSUT1 data set into the SYSUT2 data set.

System action: GIMCPTS processing is complete.

Programmer response: None.

GIM36201E THE ./ CHANGE STATEMENT WAS MISSING FROM THE INPUT FOR THE UPDATE UTILITY.

Explanation: The text following an element update MCS did not contain a ./ CHANGE statement.

System action: SYSMOD processing stops.

Programmer response: Fix the problem and run RECEIVE again.

GIM36202E THERE WAS MORE THAN ONE ./ CHANGE STATEMENT IN THE INPUT FOR THE UPDATE UTILITY.

Explanation: The text following an element update MCS contained more than one ./ CHANGE statement.

System action: SYSMOD processing stops.

Programmer response: Fix the problem and run RECEIVE again.

GIM36203E AN UPDATE CONTROL STATEMENT FOLLOWS A ./ ENDUP STATEMENT. THIS IS NOT ALLOWED.

Explanation: The ./ ENDUP statement is used to indicate the end of input for the update utility. However, SMP/E found an update control statement after a ./ ENDUP statement. This is not allowed.

System action: SYSMOD processing stops.

Programmer response: Fix the problem and run RECEIVE again.

GIM36204E THE SEQUENCE NUMBERS ARE OUT OF ORDER IN THE INPUT FOR THE UPDATE UTILITY.

Explanation: In the text following an element update MCS, the sequence numbers in columns 73—80 of one update input record are lower than those of the previous input record. For both SMP/E and update utility processing, sequence numbers must be in increasing order.

System action: SYSMOD processing stops.

Programmer response: Fix the problem and run RECEIVE again.

GIM36301E *value* IS NOT ALLOWED AS *operand1* AND *operand2*.

Explanation:*value* operand value*operand1*

first operand

operand2

second operand

The ++PRODUCT MCS or SYSMOD is not built correctly because the same value was specified for the indicated operands.

System action: ++PRODUCT MCS or SYSMOD processing stops.

Programmer response: Fix the problem and rerun the job.

GIM36302E THE ++IF FMID VALUE MATCHES THE ++VER FMID VALUE. THIS IS NOT ALLOWED.

Explanation: The SYSMOD is not built correctly because the FMID value on the ++IF MCS is the same as the FMID value on the ++VER MCS.

System action: SYSMOD processing stops.

Programmer response: Fix the problem and rerun the job.

GIM36303E ONE ++VER MCS IN THE SYSMOD SPECIFIES AN FMID VALUE, BUT ANOTHER DOES NOT. THIS IS NOT ALLOWED.

Explanation: The SYSMOD is not built correctly because the ++VER MCS statements are inconsistent. One specified an FMID value, which indicates that the SYSMOD **is not** a base function. However, another did not specify an FMID value, which indicates that the SYSMOD **is** a base function. A SYSMOD must be one or the other; it cannot be both.

System action: SYSMOD processing stops.

Programmer response: Fix the problem and rerun the job.

GIM36304E THE ++VER *operand* OPERAND IS NOT ALLOWED IN A SERVICE SYSMOD.

Explanation:*operand* DELETE or NPRES

The SYSMOD is not built correctly because the indicated operand was specified on the ++VER MCS, but the SYSMOD is not a function. Only functions may specify these operands.

System action: SYSMOD processing stops.

Programmer response: Fix the problem and rerun the job.

GIM36305E THE ++IF FMID VALUE MATCHES THE ID VALUE ON THE SYSMOD. THIS IS NOT ALLOWED.

Explanation: The SYSMOD is not built correctly because it specifies its own ID as the FMID on the ++IF MCS. Any unconditional requisites for this SYSMOD should be specified on its ++VER MCS. If there are conditional requisites for the SYSMOD that depend on the presence of another function, that other function's FMID should be specified on the ++IF MCS.

System action: SYSMOD processing stops.

Programmer response: Fix the problem and rerun the job.

GIM36306E THE ++ASSIGN MCS IS OUT OF SEQUENCE.

Explanation: SMP/E expects the next statement after ++ASSIGN to be one of the following:

- ++FUNCTION, ++PTF, ++APAR, or ++USERMOD
- Another ++ASSIGN
- An end-of-file

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None of these followed the ++ASSIGN MCS.

System action: None of the SYSMODs between this ++ASSIGN MCS and the next valid ++ASSIGN MCS, or an end-of-file, will be received. Likewise, no ++ASSIGN SOURCEID TO statements up to the next valid ++ASSIGN MCS or end-of-file will be processed.

Programmer response: Fix the problem and rerun the job.

GIM36307E THE ++HOLD MCS IS OUT OF SEQUENCE.

Explanation: The SYSMOD is not built correctly. Any ++HOLD statements must be placed after all ++VER and ++IF statements and before the first ++JCLIN or element statement.

System action: SYSMOD processing stops.

Programmer response: Fix the problem and rerun the job.

GIM36308E THE ++*mcsname* FOR *entname* MCS IS OUT OF SEQUENCE.

Explanation:

mcsname

FEATURE or PRODUCT

entname

entry name

SMP/E expects the next statement after the ++FEATURE or ++PRODUCT to be one of the following:

- ++FUNCTION, ++PTF, ++APAR, or ++USERMOD
- ++ASSIGN
- another ++FEATURE or ++PRODUCT
- An end-of-file.

None of these followed the ++FEATURE or ++PRODUCT MCS.

System action: The FEATURE or PRODUCT is not received.

Programmer response: Contact the IBM Support Center.

GIM36401E *command* PROCESSING FAILED FOR *sysmod1* AND *sysmod2* BECAUSE SYSMOD *sysmod1* DELETES SYSMOD *sysmod2*. ONLY ONE OF THESE SYSMODS CAN BE PROCESSED AT A TIME.

Explanation:

command

an SMP/E command (APPLY or ACCEPT)

sysmod1

ID of the deleting SYSMOD

sysmod2

ID of the deleted SYSMOD

The two indicated function SYSMODs are eligible for processing. However, SYSMOD *sysmod1* is supposed to delete SYSMOD *sysmod2*. SMP/E cannot determine which SYSMOD should be processed.

System action: SYSMOD processing stops for both functions. Processing also stops for any related SYSMODs, as indicated by message GIM37001.

Programmer response: Change the APPLY or ACCEPT command so that only one of the SYSMODs is processed. Then rerun the job.

GIM36500E ALLZONES IS NOT ALLOWED AS THE VALUE OF THE RECEXZGRP OPERAND.

Explanation: ALLZONES is not allowed as a zoneset name specified on the RECEXZGRP operand.

System action: SMP/E processing for this statement stops. Processing continues with the next UCL statement.

Programmer response: If ALLZONES is the name of a zoneset, rename the zoneset for use by the RECEXZGRP operand.

GIM36600E *svc99 FAILED FOR THE dataset DATA SET USING THE ddname DDNAME - errortext*

Explanation:

svc99 SVC99 function that failed

dataset data set name

ddname ddname associated with the data set

errortext

the text of the error message from the message processing facility of SVC99 that shows the reason for the failure.

An error occurred during processing of an SVC99 (the dynamic allocation SVC) function for the indicated ddname.

Note: This message is issued for each buffer of information returned from the message processing facility of SVC99.

System action: For z/OSMF, processing continues. For all SMP/E commands and services, a subsequent message identifies the system action. GIMXTRX and GIMZIP processing stops.

Programmer response: Fix the error and retry the operation.

GIM36600S *svc99 FAILED FOR THE dataset DATA SET USING THE ddname DDNAME - errortext*

Explanation:

svc99 SVC99 function that failed

dataset data set name

ddname ddname associated with the data set name

errortext

the text of the error message from the message processing facility of SVC99 that shows the reason for the failure.

An error occurred during processing of an SVC99 (the dynamic allocation SVC) function for the indicated ddname.

Note: This message is issued for each buffer of information returned from the message processing facility of SVC99.

System action: A subsequent message identifies the system action. GIMXTRX or GIMZIP processing stops.

Programmer response: Fix the error and retry the operation.

GIM36700I *GIMXTRX function PROCESSING HAS ENDED. THE HIGHEST RETURN CODE WAS rtncode.*

Explanation:

1. *function* GIMXTRX function

The valid function names are:

BMPTZN

Create BITMAP of CSI

LSTTZN

List target zone names

2. *rtncode* return code

This message is issued upon completion of the GIMXTRX function.

Note:

System action: When the return code is zero, no action is taken. For non-zero return codes, a previous message will indicate what the problem is.

Programmer response: When the return code is zero, no action is required. For non-zero return codes, take the appropriate actions indicated by the previous messages.

GIM36800E SHELL SCRIPT *shellscr* IS NEEDED TO PROCESS *elmttype elmname* FOR SYSMOD *sysmod1*, BUT IS BEING DELETED BY SYSMOD *sysmod2*.

Explanation:

shellscr shell script name

elmttype element type

elmname

element name

sysmod1

SYSMOD ID that contains the element

sysmod2

SYSMOD ID that deletes the shell script

The indicated element requires the shell script *shellscr* to complete its processing. However, the shell script has been identified for deletion.

System action: SYSMOD processing stops.

Programmer response: Determine whether the shell script should be deleted.

- If the shell script should be deleted, then:
 - If you want to replace it with another shell script of the same name, add the SYSMOD with the replacement to the command's selection list. Retry the command.
 - If you just want to delete the shell script, do not select the SYSMOD that contains the element that requires it. Retry the command.
- If the shell script should not be deleted, do not select the SYSMOD that deletes it. Retry the command.

GIM36901E SYSMOD *sysmod* WAS SPECIFIED ON THE SELECT OPERAND BUT IS NOT IN THE SMPPTFIN DATA SET.

Explanation:

sysmod SYSMOD ID

SYSMOD *sysmod* was specified on the SELECT operand of the RECEIVE command, but it could not be processed because it was not in the SMPPTFIN data set. For example, it may not be on the tape that is currently defined by the SMPPTFIN DD statement.

System action: SYSMOD processing fails. RECEIVE processing continues.

Programmer response: Obtain SYSMOD *sysmod* and define a SMPPTFIN DD statement that points to the tape or data set that contains the SYSMOD. Then rerun the job.

GIM37001S *command* PROCESSING STOPPED BECAUSE FUNCTION SYSMOD *sysmod* FAILED.

Explanation:

command

an SMP/E command

sysmod SYSMOD ID

When a function SYSMOD fails, the command being processed also fails.

System action: Command processing stops.

Programmer response: Do **one** of the following:

- Fix the error that caused the SYSMOD to fail.
- Exclude the failing SYSMOD from processing.

Then rerun the job.

GIM37100S REQUIRED KEYWORD PARAMETER *keyword* IS MISSING OR INVALID.**Explanation:**

keyword missing required keyword

This message is issued when the executing program could not find a required input parameter or the parameters following the keyword are invalid.

System action: Program or command processing stops.

Programmer response: If the program executing is GIMXTRX or GIMADR, contact your IBM service representative. Otherwise, fix the error and retry the operation.

GIM37101S REQUIRED CONTROL STATEMENT *stmt* IS MISSING.**Explanation:**

stmt control statement type

The required control statement is missing, or was not found where expected.

System action: Processing stops.

Programmer response: Correct the error and rerun the job.

GIM37150I THE *keyword* IS MISSING OR INVALID.**Explanation:**

keyword missing or invalid keyword

A keyword required in the input data set is missing or a specified keyword is invalid.

System action: Processing continues.

Programmer response: The condition did not impact SMP/E processing. Therefore, you can ignore the error, or report the error to the IBM Support Center.

GIM37150S THE *keyword* KEYWORD IS MISSING OR INVALID.**Explanation:**

keyword missing or invalid keyword

A keyword required in the input data set is missing or a specified keyword is invalid.

System action: Processing stops.

Programmer response: Correct the error and rerun the job.

GIM37201E *command* PROCESSING FAILED FOR *sysmod1* AND *sysmod2* BECAUSE *sysmod1* AND *sysmod2* ARE MUTUALLY EXCLUSIVE SYSMODS. ONLY ONE OF THESE SYSMODS CAN BE PROCESSED AT A TIME.**Explanation:**

command

an SMP/E command (APPLY or ACCEPT)

sysmod1

ID of one SYSMOD

sysmod2

ID of the other SYSMOD

The two indicated function SYSMODs are eligible for processing. However, they specify each other as ++VER NPRES values, which makes them mutually exclusive. SMP/E cannot determine which SYSMOD should be processed.

System action: SYSMOD processing stops for both functions. Processing also stops for any related SYSMODs, as indicated by message GIM37001.

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Programmer response: Change the APPLY or ACCEPT command so that only one of the SYSMODs is processed. Then rerun the job.

GIM37301E SYSMOD *sysmod* HAS MORE THAN ONE APPLICABLE ++VER MCS. ONLY ONE IS ALLOWED.

Explanation:

sysmod SYSMOD ID

SMP/E tried to apply or accept the indicated SYSMOD. However, because that SYSMOD contained ++VER statements that specified more than one valid FMID-SREL pair, SMP/E could not determine which of the FMIDs the SYSMOD should apply to.

An FMID-SREL pair is considered valid when the function specified as the FMID has already been applied or accepted, or when that function is being applied or accepted concurrently with SYSMOD *sysmod*.

System action: SYSMOD processing stops.

Programmer response: Change the SYSMOD so that it only contains one applicable ++VER MCS. Then rerun the job.

GIM37401I PROCESSING FAILED FOR SYSMOD *sysmod1*. *sysmod1* REQUIRES SYSMOD *sysmod2*. HOWEVER, SYSMOD *sysmod2* SPECIFIES *sysmod1* ON ITS ++VER *operand* OPERAND.

Explanation:

sysmod1

SYSMOD ID

sysmod2

second SYSMOD ID

operand operand on ++VER (FMID or PRE)

Processing for SYSMOD *sysmod2* stopped because SMP/E could not determine which SYSMOD to process first: SYSMOD *sysmod2* or SYSMOD *sysmod1*. The following example shows the error:

```
++FUNCTION(F000001).  
++VER(Z038) PRE(P000001).  
++MOD(IEYMYMOD).
```

```
++PTF(P000001).  
++VER(Z038) FMID(F000001).
```

In this example, the function SYSMOD names a PTF SYSMOD as a prerequisite. However, SMP/E cannot process this prerequisite SYSMOD until it processes the function. This situation might also occur when two SYSMODs name each other as prerequisites.

System action: SYSMOD processing stops.

Programmer response: Do the following:

1. Reject the SYSMODs in error.
2. Define the relationship between these SYSMODs correctly.
3. Receive and either apply or accept the SYSMODs.

GIM37500I GIMXTRX *function* PROCESSING HAS ENDED. THE OUTPUT DATA SET NAME IS *dataset*.

Explanation:

1. *function* GIMXTRX function

The valid function names are:

BMPTZN

Create BITMAP of CSI

LSTTZN

List target zone names

2. *dataset* name of the output data set from GIMXTRX

This message is issued when the GIMXTRX program completes successfully.

System action: None.

Programmer response: None.

GIM37600S *command* PROCESSING FAILED FOR THE *dataset* DATA SET.

Explanation:

command

OPEN or CLOSE

dataset file name

This message is issued when the GIMXTRX program could not successfully open or close the indicated file name.

System action: GIMXTRX processing ends.

Programmer response: Contact your IBM service representative.

GIM37701S SMPTLIB *smptlib* WAS NOT DELETED BECAUSE IT IS DEFINED AS A DUMMY DATA SET.

Explanation:

smptlib data set name

During REJECT processing, the indicated SMPTLIB data set could not be deleted because the SMPTLIB DD statement specifies either the DUMMY operand or **DSN=NULLFILE**.

System action: The SYSMOD is not rejected.

Programmer response:

1. Remove the DUMMY operand or DSN=NULLFILE from the SMPTLIB DD statement.
2. Specify the VOLUME and UNIT operands on the DD statement or in a DDDEF entry.
3. Run the REJECT command again for the associated SYSMOD.

GIM37702I SMPTLIB *smptlib* WAS NOT DELETED FROM VOLUME *volser* BECAUSE THE DATA SET WAS NOT FOUND.

Explanation:

smptlib data set name

volser volume serial number

During REJECT processing, the indicated SMPTLIB data set could not be deleted because SMP/E could not find the data set through the catalog or on any volume specified on the SMPTLIB DD statement or DDDEF entry.

System action: The SYSMOD is rejected.

Programmer response: Delete the SMPTLIB data sets outside of SMP/E.

GIM37703W SMPTLIB *smptlib* WAS NOT DELETED FROM VOLUME *volser* BECAUSE ERROR CODE *errcode* WAS ISSUED BY DYNAMIC ALLOCATION.

Explanation:

smptlib data set name

volser volume serial number

errcode error code

Dynamic deallocation failed for the indicated SMPTLIB data set.

Error codes from dynamic allocation fall into the following ranges:

Codes Meaning

0000–00FC

Information reason codes

0021–0029

CATALOG or UNCATALOG unsuccessful

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0031-0038

Delete unsuccessful

0100-01FC

I/O error

0200-02FC

System resources not available

0300-03FC

Invalid parameter list

0400-04FC

Environment error

1704-17FF

LOCATE error

4704-4780

DADSM error

47A8-47AC

RACF error

47B0 DADSM error

5704-571C

CATALOG error

6704-6714

OBTAIN error

7700 Subsystem error

7704-770C

SCRATCH error

8700-9728

System error

System action: The SYSMOD was not rejected.

Programmer response: See *z/OS MVS Programming: Authorized Assembler Services Guide*, SA23-1371, for more information about the error code. Message GIM54701W accompanies this message and contains information about the allocation failure.

GIM37704S SMPTLIB *smptlib* WAS NOT DELETED BECAUSE NO VOLUMES WERE SPECIFIED.

Explanation:

smptlib data set name

During REJECT processing, the indicated SMPTLIB data set could not be deleted because no volumes were specified on the SMPTLIB DD statement or DDDEF entry.

System action: The SYSMOD is rejected.

Programmer response: Delete the SMPTLIB data sets outside of SMP/E.

GIM37705W SMPTLIB *smptlib* WAS NOT DELETED BECAUSE ERROR CODE *errcode* WAS ISSUED BY DYNAMIC ALLOCATION.

Explanation:

smptlib data set name

errcode error code

Dynamic deallocation failed for the indicated SMPTLIB data set because a resource was not available.

System action: The SYSMOD was not rejected.

Programmer response: See *z/OS MVS Programming: Authorized Assembler Services Guide*, SA23-1371, for more information about the error code. Message GIM54701W accompanies this message and contains information about the allocation failure.

GIM37801E *++mcsname1* AND *++mcsname2* FOR ELEMENT *elmname* ARE NOT ALLOWED IN THE SAME SYSMOD.

Explanation:*mcsname1*

first element MCS

mcsname2

second element MCS

elmname

element name

The indicated combination of MCS statements is not allowed for the same element name in the same SYSMOD. The following table shows the combinations that are allowed.

| MCS | MOD | ZAP | SRC | SRCUPD |
|--------------|-----|-----|-----|--------|
| MOD | | | Yes | Yes |
| ZAP | | | | |
| SRC | Yes | | | |
| SRCUPD | Yes | | | |
| MAC | Yes | Yes | Yes | Yes |
| MACUPD | Yes | Yes | Yes | Yes |
| HFS Element | Yes | Yes | Yes | Yes |
| Data Element | Yes | Yes | Yes | Yes |

Note: MCS statements for data elements can specify the same element name only if the MCS statements are for different types of data elements. For example, ++CLIST and ++SKL can specify the same element name; so can ++MSGENU and ++MSGFRA. However, two ++CLIST statements or two ++MSG statements must specify different element names.

| MCS | MAC | MACUPD | HFSELMT | TEXTEL |
|--------------|-----|--------|---------|----------|
| MOD | Yes | Yes | Yes | Yes |
| ZAP | Yes | Yes | Yes | Yes |
| SRC | Yes | Yes | Yes | Yes |
| SRCUPD | Yes | Yes | Yes | Yes |
| MAC | | | Yes | Yes |
| MACUPD | | | Yes | Yes |
| HFS Element | Yes | Yes | | Yes |
| Data Element | Yes | Yes | Yes | See note |

Note: MCS statements for data elements can specify the same element name only if the MCS statements are for different types of data elements. For example, ++CLIST and ++SKL can specify the same element name; so can ++MSGENU and ++MSGFRA. However, two ++CLIST statements or two ++MSG statements must specify different element names.

System action: The SYSMOD is not received.

Programmer response: Fix the problem and rerun RECEIVE.

GIM37901E *command* PROCESSING FAILED FOR SYSMOD *sysmod* BECAUSE IT WAS PREVIOUSLY SUPERSEDED.

Explanation:*command*

APPLY or ACCEPT

sysmod SYSMOD ID

SMP/E cannot apply or accept the indicated SYSMOD because it has already applied or accepted one or more SYSMODs that supersede SYSMOD *sysmod*. The system is at a higher level than the indicated SYSMOD, so SMP/E did not install it.

System action: SYSMOD processing stops.

Programmer response: None.

GIM37902E *command* PROCESSING FAILED FOR SYSMOD *sysmod* BECAUSE IT WAS PREVIOUSLY DELETED.

Explanation:*command*

APPLY or ACCEPT

sysmod SYSMOD ID

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SMP/E cannot apply or accept the indicated SYSMOD because it has already applied or accepted a SYSMOD that deletes SYSMOD *sysmod*. The system is at a higher level than the indicated SYSMOD, so SMP/E did not reinstall it.

System action: SYSMOD processing stops.

Programmer response: Decide which SYSMOD you want on your system: the deleting SYSMOD or SYSMOD *sysmod*.

- If you want the deleting SYSMOD on your system, do not try to reinstall SYSMOD *sysmod*.
- If you want SYSMOD *sysmod* back on your system, you must remove the deleting SYSMOD from the system, delete the SYSMOD entry for SYSMOD *sysmod*, then reinstall SYSMOD *sysmod*.

GIM37903E *command* PROCESSING FAILED FOR SYSMOD *sysmod* BECAUSE IT HAS NO APPLICABLE ++VER MCS.

Explanation:

command

APPLY or ACCEPT

sysmod SYSMOD ID

SMP/E cannot apply or accept the indicated SYSMOD because its ++VER MCS does not specify an FMID-SREL pair that is defined in the target or distribution zone being processed.

System action: SYSMOD processing stops.

Programmer response: Make sure that the SREL on the ++VER MCS matches the SREL in the zone definition entry, and that the FMID on the ++VER MCS matches a function SYSMOD entry in the zone being processed. These are some of the actions you may need to take:

- Make sure the SET command specifies the correct zone.
- If the FMID was installed in the zone being processed, check whether the ERROR indicator is on.
- Install the FMID in the zone being processed.
- Add the SREL to the zone definition entry.
- Reject the SYSMOD, change it to specify the correct FMID and SREL, and receive it again.

Then rerun the job.

GIM37904E *command* PROCESSING FAILED FOR SYSMOD *sysmod* BECAUSE OF AN ERROR DURING A PREVIOUS ATTEMPT TO RESTORE *sysmod*.

Explanation:

command

APPLY or ACCEPT

sysmod SYSMOD ID

SMP/E cannot apply or accept the indicated SYSMOD because an error occurred during a previous attempt to restore that SYSMOD. It has been partially, but not totally, restored.

System action: SYSMOD processing stops.

Programmer response: Restore the SYSMOD again, then rerun the APPLY job.

GIM37905E ACCEPT PROCESSING FAILED FOR SYSMOD *sysmod1*. SYSMOD *sysmod1* IS SUPERSEDED BY SYSMOD *sysmod2* IN TARGET ZONE *zonename*, AND THEREFORE MUST BE SUPERSEDED DURING ACCEPT PROCESSING. ALL SYSMODS WHICH WOULD HAVE SUPERSEDED *sysmod1* HAVE EITHER FAILED OR ARE MISSING.

Explanation:

sysmod1

superseded SYSMOD ID

sysmod2

superseding SYSMOD ID

zonename

target zone containing superseded SYSMOD

The indicated SYSMOD was selected for processing. SMP/E cannot accept the indicated SYSMOD because it was never actually applied. It exists in the target zone as a superseded-only SYSMOD. If this SYSMOD were accepted without a superseding SYSMOD, succeeding SYSMODs could not be restored.

The superseding SYSMOD listed in the message is only the last SYSMOD to supersede the failing SYSMOD. There may be other superseding SYSMODs.

System action: SYSMOD processing stops.

Programmer response: Do **one** of the following:

- Accept at least one of the SYSMODs that supersede the failing SYSMOD.
- Specify BYPASS(APPLYCHECK) on the ACCEPT command. Note that if you specify BYPASS(APPLYCHECK), the superseded SYSMOD will be accepted, but you will be unable to restore back to it.

GIM38001E *command* **PROCESSING FAILED FOR SYSMOD** *sysmod* **BECAUSE THE SYSMOD ENTRY FOR** *sysmod* **IN THE** *zonename* **ZONE WAS IN ERROR.**

Explanation:

command

APPLY or ACCEPT

sysmod SYSMOD ID

zonename

zone name

SMP/E cannot apply or accept the indicated SYSMOD because the associated target or global zone SYSMOD entry is in error.

System action: SYSMOD processing stops.

Programmer response: Receive or apply the SYSMOD again to replace the SYSMOD entry that is in error. Then rerun the APPLY or ACCEPT job.

GIM38101E *command* **PROCESSING STOPPED. A ++***mcsname* **MCS IN SYSMOD** *sysmod* **APPLIES TO ELEMENT** *elmname*, **WHICH WAS DELETED BY ANOTHER SYSMOD THAT IS BEING PROCESSED.**

Explanation:

command

APPLY or ACCEPT

mcsname

element update MCS

sysmod SYSMOD ID

elmname

element name

The indicated MCS refers to an element that no longer exists.

System action: SYSMOD processing stops.

Programmer response: Reinstall the deleted element and rerun the job.

GIM38201W **THERE IS A MODID ERROR FOR** *elmttype* **ENTRY** *elmname* **IN SYSMOD** *sysmod*.

Explanation:

elmttype element type

elmname

element name

sysmod SYSMOD ID

SMP/E discovered an error when it was checking the relationship between the following:

- An element in the indicated SYSMOD
- Elements in other SYSMODs that have already been installed or that are being installed concurrently.

GIM38201E

Additional messages describe the specific error that was found (GIM319xx for APPLY or ACCEPT, or GIM430xx for RESTORE).

The severity of this message depends on the BYPASS options specified on the APPLY or ACCEPT command.

System action: SYSMOD processing continues. At least **one** of the following conditions was met:

- The SYSMOD supplies an update element, and the PRE and SUP operands (1) specify the RMID of the previously processed version of the element but (2) do not specify all UMIDs of the previously processed version of the element.

In this case, message GIM319xx or message GIM430xx follows this message and names the updates in the previously processed version of the element that the SYSMOD does not supersede or specify as a prerequisite. SMP/E processes the update supplied by the SYSMOD.

- **BYPASS(ID)** was not specified, and the SYSMOD is a function SYSMOD that was previously installed. SMP/E also does not stop processing if it can determine that the system is at a higher level than the SYSMOD it is reinstalling.

The system is considered to be at a higher level if **one** of the following is true:

- The RMID of the element from the SYSMOD differs from the RMID of the element on the system, and the RMID of the element from the SYSMOD is on the target system.

Note: In this case, SMP/E does not issue GIM382xx. SMP/E does not process the element from the SYSMOD it is reinstalling, and the higher-level version of the element stays on the system.

- The RMID of the element from the SYSMOD is the same as the RMID of the element on the system, and UMIDs are associated with the system element.

Note: SMP/E issues message GIM382xx, followed by GIM319xx or GIM430xx. These messages name the updates to the system element that the SYSMOD does not supersede or specify as prerequisites. SMP/E does not process the element from the SYSMOD that it is reinstalling, and the higher-level element stays on the target system.

If **BYPASS(ID)** was specified, SYSMOD processing continues for any ID checks reported by message GIM382xx. SMP/E selects the indicated element, and SYSMOD processing continues.

Programmer response: Carefully check the messages that follow this message in SMP/OUT. If SMP/E already installed the indicated element, it may regress IBM-supplied service or user-supplied modifications included in the SYSMODs named in subsequent GIM319xx or GIM430xx messages.

Specify **BYPASS(ID)** on the APPLY or ACCEPT command to prevent SMP/E from stopping SYSMOD processing. However, you may lose the modifications included in the SYSMODs named in subsequent GIM319xx or GIM430xx messages. Rework and reinstall these modifications.

GIM38201E THERE IS A MODID ERROR FOR *elmtyp* ENTRY *elmname* IN SYSMOD *sysmod*.

Explanation:

elmtyp element type

elmname

element name

sysmod SYSMOD ID

SMP/E discovered an error when it was checking the relationship between the following:

- An element in the indicated SYSMOD
- Elements in other SYSMODs that have already been installed or that are being installed concurrently.

Additional messages describe the specific error that was found (GIM319xx for APPLY or ACCEPT, or GIM430xx for RESTORE).

The severity of this message depends on the BYPASS options specified on the APPLY or ACCEPT command.

System action: SYSMOD processing stops. **All** of the following conditions were met:

- **BYPASS(ID)** was not specified.

- The SYSMOD was not previously installed.
- The SYSMOD supplied at least one of the following:
 - A replacement element: This occurs if the SYSMOD's PRE and SUP operands do not specify the RMID and all UMIDs of the previously processed version of the element.
 - An update element: This occurs if the SYSMOD's PRE and SUP operands do not specify the RMID of the previously processed version of the element.

Programmer response: Carefully check the messages that follow this message in SMP/OUT. If SMP/E already installed the indicated element, it may regress IBM-supplied service or user-supplied modifications included in the SYSMODs named in subsequent GIM319xx or GIM430xx messages.

Specify **BYPASS(ID)** on the APPLY or ACCEPT command to prevent SMP/E from stopping SYSMOD processing. However, you may lose the modifications included in the SYSMODs named in subsequent GIM319xx or GIM430xx messages. Rework and reinstall these modifications.

GIM38202W THERE IS A MODID ERROR FOR ASSEMBLY *asmname* FOR *elmttype* ENTRY *elmname* IN SYSMOD *sysmod*.

Explanation:

asmname

assembly name

elmttype

element type

elmname

element name

sysmod ID of the SYSMOD that contains the assembly

SMP/E discovered an error when it was checking the relationship between the following:

- An assembly for source or a macro
- The installed version of the element that will be replaced by the object module from the assembly.

Additional messages describe the specific error that was found (GIM319xx for APPLY or ACCEPT).

The severity of this message depends on the BYPASS options specified on the APPLY or ACCEPT command.

System action: SYSMOD processing continues. **One** of the following conditions was met:

- The SYSMOD supplies an update element, and the PRE and SUP operands (1) specify the RMID of the previously processed version of the element but (2) do not specify all UMIDs of the previously processed version of the element.

In this case, message GIM319xx follows this message and names the updates in the previously processed version of the element that the SYSMOD does not supersede or specify as a prerequisite. SMP/E processes the update supplied by the SYSMOD.

- **BYPASS(ID)** was not specified, and the SYSMOD is a function SYSMOD that was previously installed. SMP/E also does not stop processing if it can determine that the system is at a higher level than the SYSMOD it is reinstalling.

The system is considered to be at a higher level if **one** of the following is true:

- The RMID of the element from the SYSMOD differs from the RMID of the element on the system, and the RMID of the element from the SYSMOD is on the target system.

Note: In this case, SMP/E does not issue GIM382xx. SMP/E does not process the element from the SYSMOD it is reinstalling, and the higher-level version of the element stays on the system.

- The RMID of the element from the SYSMOD is the same as the RMID of the element on the system, and UMIDs are associated with the system element.

Note: SMP/E issues message GIM382xx, followed by GIM319xx. These messages name the updates to the system element that the SYSMOD does not supersede or specify as prerequisites. SMP/E does not process the element from the SYSMOD that it is reinstalling, and the higher-level element stays on the target system.

If **BYPASS(ID)** was specified, SYSMOD processing continues for any ID checks reported by message GIM382xx. SMP/E selects the indicated element, and SYSMOD processing continues.

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Programmer response: Carefully check the messages that follow this message in SMP/OUT. If SMP/E already installed the indicated element, it may regress IBM-supplied service or user-supplied modifications included in the SYSMODs named in subsequent GIM319xx messages.

Specify **BYPASS(ID)** on the APPLY or ACCEPT command to prevent SMP/E from stopping SYSMOD processing. However, you may lose the modifications included in the SYSMODs named in subsequent GIM319xx messages. Rework and reinstall these modifications.

GIM38202E THERE IS A MODID ERROR FOR ASSEMBLY *assembly* FOR *elmtyp*e ENTRY *elmn*ame IN SYSMOD *sysmod*.

Explanation:

assembly assembly name
*elmtyp*e element type
*elmn*ame element name
sysmod ID of the SYSMOD that contains the assembly

SMP/E discovered an error when it was checking the relationship between the following:

- An assembly for source or a macro
- The installed version of the element that will be replaced by the object module from the assembly.

Additional messages describe the specific error that was found (GIM319xx for APPLY or ACCEPT).

The severity of this message depends on the BYPASS options specified on the APPLY or ACCEPT command.

System action: SYSMOD processing stops. All of the following conditions were met:

- **BYPASS(ID)** was not specified.
- The SYSMOD was not previously installed.
- The SYSMOD supplies any of the following:
 - A replacement element: This occurs if the SYSMOD's PRE and SUP operands do not specify the RMID and all UMIDs of the previously processed version of the element.
 - An update element: This occurs if the SYSMOD's PRE and SUP operands do not specify the RMID of the previously processed version of the element.

Programmer response: Carefully check the messages that follow this message in SMP/OUT. If SMP/E already installed the indicated element, it may regress IBM-supplied service or user-supplied modifications included in the SYSMODs named in subsequent GIM319xx messages.

Specify **BYPASS(ID)** on the APPLY or ACCEPT command to prevent SMP/E from stopping SYSMOD processing. However, you may lose the modifications included in the SYSMODs named in subsequent GIM319xx messages. Rework and reinstall these modifications.

GIM38300S AN I/O ERROR OCCURRED DURING GIMXTRX *command* PROCESSING FOR THE *dataset* DATA SET.

Explanation:

command READ or WRITE
dataset file name

This message is issued when the GIMXTRX program was processing the indicated data set when it encountered an I/O error.

System action: GIMXTRX processing ends.

Programmer response: Contact your IBM service representative.

GIM38401E *command* PROCESSING FAILED FOR *sysmod1* AND *sysmod2*. SYSMOD *sysmod1* DELETES OTHER SYSMODS, BUT IT IS SUPERSEDED BY SYSMOD *sysmod2*. ONLY ONE OF THESE SYSMODS CAN BE PROCESSED AT A TIME.

Explanation:*command*

an SMP/E command

sysmod1

ID of the deleting SYSMOD

sysmod2

ID of the superseding SYSMOD

SMP/E is concurrently processing two function SYSMODs. SYSMOD *sysmod1* deletes other SYSMODs, but it is superseded by SYSMOD *sysmod2*. SMP/E cannot determine which function to process.

System action: Message GIM370xx follows this message, and command processing stops.

Programmer response: Decide which SYSMOD should not be processed. Delete it from the command and rerun the job.

GIM38501I SYSMOD *sysmod* WAS NOT RECEIVED BECAUSE THE RETURN CODE FROM THE EXIT ROUTINE IS 8 OR HIGHER.

Explanation:*sysmod* SYSMOD ID

During RECEIVE processing, the RECEIVE installation exit routine was given control. After processing the SYSMOD, it set a return code of 8 or higher.

System action: SMP/E does not receive the SYSMOD.

Programmer response: None.

GIM38601I SYSMOD *sysmod* WAS NOT RECEIVED BECAUSE IT HAS ALREADY BEEN RECEIVED.

Explanation:*sysmod* SYSMOD ID

SMP/E has already successfully received SYSMOD *sysmod* into the SMPPTS data set.

System action: SMP/E does not receive the SYSMOD again.

Programmer response: To receive the new version of the SYSMOD, do **one** of the following:

- Reject and re-receive the SYSMOD.
 1. Use the REJECT command to remove the SYSMOD from the SMPPTS.
 2. Rerun the RECEIVE command to process the new version of the SYSMOD.
- Rework and re-receive the SYSMOD.
 1. Add the REWORK operand to the version of the SYSMOD in the SMPPTFIN data set.
 2. Rerun the RECEIVE command to process the new version of the SYSMOD.

GIM38601E SYSMOD *sysmod* WAS NOT RECEIVED BECAUSE IT HAS ALREADY BEEN RECEIVED.

Explanation:*sysmod* SYSMOD ID

SMP/E has already successfully received SYSMOD *sysmod* into the SMPPTS data set.

System action: SMP/E does not receive the SYSMOD again.

Programmer response: To receive the new version of the SYSMOD, do **one** of the following:

- Reject and re-receive the SYSMOD.
 1. Use the REJECT command to remove the SYSMOD from the SMPPTS.
 2. Rerun the RECEIVE command to process the new version of the SYSMOD.

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- Rework and re-receive the SYSMOD.
 1. Add the REWORK operand to the version of the SYSMOD in the SMPPTFIN data set.
 2. Rerun the RECEIVE command to process the new version of the SYSMOD.

GIM38701I SYSMOD *sysmod* WAS NOT RECEIVED BECAUSE IT WAS NOT SPECIFIED ON THE SELECT OPERAND.

Explanation:

sysmod SYSMOD ID

SMP/E found the indicated SYSMOD in the SMPPTFIN data set. Because the SELECT operand was specified, only SYSMODs included on that operand could be received. However, the indicated SYSMOD was not included on the SELECT operand.

System action: SMP/E does not receive the SYSMOD.

Programmer response: None.

GIM38801I SYSMOD *sysmod* WAS NOT RECEIVED BECAUSE IT WAS SPECIFIED ON THE EXCLUDE OPERAND.

Explanation:

sysmod SYSMOD ID

SMP/E found the indicated SYSMOD in the SMPPTFIN data set. However, the indicated SYSMOD was specified on the EXCLUDE operand, so it was not processed.

System action: SMP/E does not receive the SYSMOD.

Programmer response: None.

GIM38901I *command* PROCESSING FAILED FOR SYSMOD *sysmod* BECAUSE IT HAS NO APPLICABLE ++VER MCS.

Explanation:

command

an SMP/E command

sysmod SYSMOD ID

The indicated SYSMOD could not be processed because it does not have a ++VER MCS that names an SREL or an FMID defined in the GLOBALZONE entry.

System action: SMP/E does not receive the SYSMOD.

Programmer response: If the SYSMOD is a PTF, APAR, or USERMOD, make sure the SYSMOD has at least one ++VER MCS that specifies an FMID. Then do **one** of the following:

- Specify **BYPASS(FMID)** on the RECEIVE command.
- Use a UCL statement to add the required SREL or FMID to the GLOBALZONE entry.

Then rerun the job.

GIM39001E SYSMOD *sysmod* WAS NOT RECEIVED EVEN THOUGH IT WAS SPECIFIED ON THE SELECT OPERAND.

Explanation:

sysmod SYSMOD ID

The indicated SYSMOD was specified on the SELECT operand, but it was not successfully received.

System action: RECEIVE processing continues.

Programmer response: See preceding messages in SMPDOUT to find why SMP/E did not receive the indicated SYSMOD.

GIM39101E SYSMOD *sysmod* WAS NOT RECEIVED BECAUSE AN ERROR OCCURRED DURING SMPTLIB DATA SET PROCESSING.
Explanation:

sysmod SYSMOD ID

An error occurred when the SMPTLIB data sets were being loaded for the indicated SYSMOD. These are some of the errors that might have occurred:

- SMP/E could not position the SMPPTFIN data set because of one of the following:
 - An I/O error.
 - An incorrect data set name for one of the relative files.

SMP/E expects the last two parts of the data set name for a relative file to be *sysmod-id.Fnnnn*. If the data set name contains high-level qualifiers, SMP/E expects the data set name to be *rfprefix.rfdsnpfx.sysmod-id.Fnnnn*.

rfprefix

is the prefix specified by the RFPREFIX operand on the RECEIVE command. This part of the data set name is optional. (If no RFPREFIX value was specified, this prefix is not included in the data set name allocated by SMP/E.)

rfdsnpfx

is the prefix specified by the RFDSNPFX operand on the header MCS statement that is being processed. This part of the data set name is optional. (If no RFDSNPFX value was specified, this prefix is not included in the data set name allocated by SMP/E.)

sysmod-id

is the SYSMOD ID of the SYSMOD to which that file belongs. This part of the data set name is required.

Fnnnn

is the letter F followed by the number specified on the RELFILE operand of the corresponding MCS statement in the SYSMOD. This part of the data set name is required.

This is similar to the name of the SMPTLIB data set into which the relative file will be received. The data set name for an SMPTLIB data set must be in the form *dsprefix.sysmod-id.Fnnnn*, where *dsprefix* is an optional data set prefix.

- SMP/E could not allocate an SMPTLIB data set.
- SMP/E could not allocate a FROMDS data set.
- The return code from the copy utility was not 0. (See the copy SYSPRINT output to find the cause.)

Note: If you did not get any utility output, check the value specified for the PRINT subentry in the UTILITY entry. This ddname is used for the SYSPRINT data set. Here are some typical reasons for not getting any utility output:

- The PRINT subentry specifies a DDDEF of DUMMY.
- The PRINT subentry specifies a data set that is sent to a SYSOUT class that suppresses output.
- The return code received from allocation or unallocation of the RELFILE data set on DASD was not zero.

Additional messages are issued if allocation failed for the SMPTLIB data sets or if the return code from the copy utility was not 0.

System action: SMP/E does not receive the SYSMOD, and RECEIVE processing stops. SMP/E deletes the SMPTLIB data sets and deletes the SYSMOD from the SMPPTS.

Programmer response: If additional error messages were issued for SMPTLIB allocation or for a nonzero return code from the copy utility, fix the errors reported by those messages.

Make sure that the data set names for the SMPTLIB data sets and the relative files are correct. If the data set names of the relative files are in the wrong format, rebuild them using the correct data set names.

Then receive the SYSMOD again.

GIM39200S *modtype* MODULE *modname* COULD NOT BE LOADED. SMP/E SERVICE UPDATE FACILITY PROCESSING IS STOPPED. ABEND CODE: *abncode* REASON CODE: *rsncode*

Explanation:

modtype

API, CONSTANT, or MESSAGE

modname

name of the SMP/E load module

abncode system abend code

rsncode system reason code

The SMP/E API, message or constant load module could not be loaded by the Service Update Facility. Possible reasons include:

- The indicated load module was not found in the link list library.

System action: Command processing stops.

Programmer response: Check that the library containing the indicated load module was correctly specified in the system link list and that the indicated library does contain the requested load module.

See *z/OS MVS System Codes*, SA38-0665, for an explanation of the system abend and reason codes.

GIM39201S *modtype* MODULE *modname* COULD NOT BE LOADED. SMP/E COMPACTION SERVICE PROCESSING IS STOPPED. ABEND CODE: *abncode* REASON CODE: *rsncode*.

Explanation:

modtype

CONSTANT, DICTIONARY, or MESSAGE

modname

name of the SMP/E load module

abncode system abend code

rsncode system reason code

The message, message constant, or dictionary load module could not be loaded, possibly because the indicated load module was not found in the link list library.

System action: Command processing stops.

Programmer response: Ensure the library containing the indicated load module was correctly specified in the system link list and that indicated library does contain the requested load module.

See *z/OS MVS System Codes*, SA38-0665, for an explanation of the system abend and reason codes.

GIM39202S *modtype* MODULE *modname* COULD NOT BE LOADED. *progrname* PROCESSING IS STOPPED. ABEND CODE: *abncode* REASON CODE: *rsncode*.

Explanation:

modtype

CONSTANT or MESSAGE

modname

name of the SMP/E load module

progrname

name of the executing program

abncode system abend code

rsncode system reason code

The message or message constant load module could not be loaded, possibly because the indicated load module was not found in the link list.

System action: Processing stops for the indicated program.

Programmer response: Ensure the library containing the indicated load module was correctly spelled in the system link list and that indicated library does contain the requested load module.

See *z/OS MVS System Codes*, SA38-0665, for an explanation of the system abend and reason codes.

GIM39203S MODULE *loadmod* COULD NOT BE LOADED. *command* PROCESSING IS STOPPED. ABEND CODE *abncode* REASON CODE *rsncode*.

Explanation:

loadmod name of the load module
command an SMP/E command or program or blank
abncode system abend code
rsncode system reason code

The load module could not be loaded, possibly because the indicated load module was not found in the link list library.

System action: Command or application processing stops.

Programmer response: Ensure the library containing the indicated load module was correctly specified in the system link list and that indicated library does contain the requested load module.

See *z/OS MVS System Codes*, SA38-0665, for an explanation of the system abend and reason codes.

GIM39301I SHELL SCRIPT *shellscr* PROCESSING FOR *elmtyp* *elmname* IN THE *library* LIBRARY WAS SUCCESSFUL. SEQUENCE NUMBER *seqno*.

Explanation:

shellscr shell script name
elmtyp element type
elmname element name
library library ddname
seqno utility sequence number

Shell script processing was successful for the indicated element. The utility sequence number matches the sequence number of the shell script output in the PRINT data set.

Note: SYSPRINT is SMP/E's default print data set, and is used if no PRINT subentry was specified in the active UTILITY entry for the HFSCOPY utility.

System action: None.

Programmer response: None.

GIM39302E SHELL SCRIPT *shellscr* PROCESSING FOR *elmtyp* *elmname* IN THE *library* LIBRARY FAILED FOR SYSMOD *sysmod*. SEQUENCE NUMBER *seqno*.

Explanation:

shellscr shell script name
elmtyp element type
elmname element name
library library ddname
sysmod SYSMOD ID
seqno utility sequence number

Shell script processing failed for the indicated element. The utility sequence number matches the sequence number of the shell script output in the PRINT data set.

Note: SYSPRINT is SMP/E's default print data set, and is used if no PRINT subentry was specified in the active UTILITY entry for the HFSCOPY utility.

System action: SYSMOD processing stops.

Programmer response: Check the shell script output in the PRINT data set for the cause of the error. You can use the utility sequence number as an index into data set to find the output.

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If an ABEND 806 occurred during job execution, or there is no shell script output, then ensure the SCEERUN library is either in the link list or in the job's STEPLIB or JOBLIB.

Fix the error and rerun the job.

GIM39303E THE PRE VALUE IS NOT ALLOWED ON THE SHSCRIPT OPERAND OF THE ++SHELLSCR MCS FOR *elmname*.

Explanation:

elmname
element name

The SHSCRIPT operand specifies a PRE value, which is not allowed. Shell scripts for SHELLSCR elements can run only after these elements are copied to the UNIX file system.

System action: RECEIVE processing stops for the SYSMOD.

Programmer response: Remove the PRE specification from the SHSCRIPT operand and rerun the job.

GIM39304E THE SHELL SCRIPT NAME ON THE SHSCRIPT OPERAND, *shellscr*, DOES NOT MATCH THE ++SHELLSCR NAME *elmname*. THIS IS NOT ALLOWED.

Explanation:

shellscr shell script name
elmname
element name

The SHSCRIPT operand specifies a shell script name that does not match the name on the corresponding element MCS. This is not allowed. SHELLSCR elements must specify their own name as the shell script to be run when the element is copied to a UNIX file system.

System action: RECEIVE processing stops for the SYSMOD.

Programmer response: Correct the shell script name on the SHSCRIPT operand and rerun the job.

GIM39305E THE SHELL SCRIPT NAME FOR THE SHSCRIPT SUBENTRY MUST MATCH THE NAME OF THE SHELLSCR ENTRY.

Explanation: The SHSCRIPT subentry specifies a shell script name that does not match the name of the element entry. This is not allowed. SHELLSCR elements must specify their own name as the shell script to be run when the element is copied to the UNIX file system.

System action: SMP/E does not process the changes for this UCL statement.

Programmer response: Correct the shell script name for the SHSCRIPT subentry and rerun the job.

GIM39306E THE PRE VALUE IS NOT ALLOWED IN THE SHSCRIPT SUBENTRY FOR SHELLSCR ENTRIES.

Explanation: The SHSCRIPT subentry specifies the PRE value, which is not allowed. Shell scripts for SHELLSCR elements can run only after these elements are copied to the UNIX file system.

System action: SMP/E does not process the changes for this UCL statement.

Programmer response: Remove the PRE specification from the SHSCRIPT subentry and rerun the job.

GIM39307I ALLOCATION FAILED FOR *library*, WHICH IS REQUIRED IN ORDER TO INVOKE SHELL SCRIPT *shellscr* FOR *elmttype elmname* IN SYSMOD *sysmod*.

Explanation:

library ddname of the library that contains the shell script
shellscr shell script name
elmttype element type
elmname
element name
sysmod SYSMOD ID

SMP/E could not allocate the library that contains shell script *shellscr*. As a result, SMP/E did not invoke the shell script to complete the installation of the indicated element.

System action: Command processing for the SYSMOD stops.

Programmer response: Examine the messages in SMPOUT to determine why the library could not be allocated. Fix the error and rerun the job.

GIM39308E SHELL SCRIPT *shellscr* CANNOT PROCESS *elmttype elmname* IN SYSMOD *sysmod* BECAUSE SYSLIB *library* FOR SHELL SCRIPT *shellscr* IS NOT ALLOCATED TO A PATH.

Explanation:

shellscr shell script name
elmttype element type
elmname element name
sysmod SYSMOD ID
library ddname of the library that contains the shell script

Shell script *shellscr*, which is needed to complete the installation of the indicated element, could not be found in the UNIX file system.

System action: Command processing for the SYSMOD stops.

Programmer response: Ensure that the DDDEF entry or DD statement for the indicated library identifies a path in the UNIX file system. Rerun the job.

GIM39309E SHELL SCRIPT *shellscr* PROCESSING IN THE *elmttype* LIBRARY FOR *elmname sysmod* IN SYSMOD *library* FAILED. THE RETURN CODE FROM THE *service* SERVICE WAS *rtncode* AND THE REASON CODE WAS *rsncode*.

Explanation:

shellscr shell script name
elmttype element type
elmname element name
sysmod SYSMOD ID
library ddname of the library that contains the shell script
service callable service name
rtncode return code, in hexadecimal
rsncode reason code, in hexadecimal

Shell script processing failed for the indicated element. SMP/E called the indicated service, but the service was not successful.

System action: SYSMOD processing stops.

Programmer response: See *z/OS UNIX System Services Programming: Assembler Callable Services Reference* for the cause of the error. Correct the error and rerun the job step.

GIM39310I SHELL SCRIPT *shellscr* PROCESSING TO DELETE *elmttype elmname* IN THE *library* LIBRARY WAS SUCCESSFUL. SEQUENCE NUMBER *seqno*.

Explanation:

shellscr shell script name
elmttype element type
elmname element name
library ddname of the library that contained the deleted element
seqno utility sequence number

Shell script processing to delete the indicated element was successful. The utility sequence number matches the sequence number of the shell script output in the PRINT data set.

GIM39311E • GIM39313E

Note: SYSPRINT is SMP/E's default print data set, and is used if no PRINT subentry was specified in the active UTILITY entry for the HFSCOPY utility.

System action: None.

Programmer response: None.

GIM39311E SHELL SCRIPT *shellscr* PROCESSING TO DELETE *elmttype elmname* IN THE *library* LIBRARY FAILED FOR SYSMOD *sysmod*. SEQUENCE NUMBER *seqno*.

Explanation:

shellscr shell script name

elmttype element type

elmname

element name

library ddname of the library that contains the element

sysmod SYSMOD ID

seqno utility sequence number

Shell script processing to delete the indicated element has failed. The utility sequence number matches the sequence number of the shell script output in the PRINT data set.

Note: SYSPRINT is SMP/E's default print data set, and is used if no PRINT subentry was specified in the active UTILITY entry for the HFSCOPY utility.

System action: SYSMOD processing stops.

Programmer response: Check the shell script output in the PRINT data set for the cause of the error. You can use the utility sequence number as an index into SYSPRINT to find the output.

Fix the error and rerun the job.

GIM39312I SHELL SCRIPT *shellscr* PROCESSING FOR *elmttype elmname* IN THE *library* LIBRARY FAILED FOR SYSMOD *sysmod*.

Explanation:

shellscr shell script name

elmttype element type

elmname

element name

library ddname of the library that contains the element

sysmod SYSMOD ID

Shell script *shellscr* must be invoked to complete the installation of the indicated element, but an error was detected when SMP/E tried to invoke the shell script.

Note: SYSPRINT is SMP/E's default print data set, and is used if no PRINT subentry was specified in the active UTILITY entry for the HFSCOPY utility.

System action: SYSMOD processing stops.

Programmer response: Check previous SMP/E messages to determine the cause of the error. Fix the error and rerun the job.

GIM39313E *elmttype elmname* CANNOT BE PROCESSED IN LIBRARY *library* FOR SYSMOD *sysmod* BECAUSE *library* IS NOT ALLOCATED TO A PATH.

Explanation:

elmttype element type

elmname

element name

library library ddname

sysmod SYSMOD ID

SMP/E attempted to process the indicated element, but the library is allocated to a data set. The indicated element type cannot reside in a data set. Therefore, the library must be allocated to a path in a UNIX file system.

System action: SYSMOD processing stops.

Programmer response: Ensure that the DDDEF entry or DD statement for the specified library identifies a path in a UNIX file system. Rerun the job.

**GIM39314E SHELL SCRIPT *shellscr* PROCESSING FOR *elmttype elmname* IN THE *ddname* LIBRARY FAILED.
SEQUENCE NUMBER *seqno*.**

Explanation:

shellscr shell script name

elmttype element type

elmname

element name

ddname ddname of the directory

seqno output sequence number

Shell script processing failed for the indicated element. The output sequence number matches the sequence number of the shell script output in the print file.

Note: SYSPRINT is SMP/E's default print file, and is used if no PRINT subentry was specified in the active UTILITY entry for the HFSCOPY utility.

System action: Subsequent messages indicate SMP/E's action.

Programmer response: Check the shell script output in the print file to determine the cause of the error. The output sequence number may be used as an index into the print file to find the output. Fix the error and rerun the job.

**GIM39317I ALLOCATION FAILED FOR *library*, WHICH IS REQUIRED IN ORDER TO INVOKE SHELL
SCRIPT *shellscr* TO DELETE *elmttype elmname* FOR SYSMOD *sysmod*.**

Explanation:

library ddname of the library that contains the shell script

shellscr shell script name

elmttype element type

elmname

element name

sysmod SYSMOD ID

SMP/E could not allocate the library that contains shell script *shellscr*. As a result, SMP/E did not invoke the shell script to complete the installation of the indicated element.

System action: Command processing for the SYSMOD stops.

Programmer response: Examine the messages in SMPDOUT to determine why the library could not be allocated. Fix the error and rerun the job.

**GIM39318E SHELL SCRIPT *shellscr* CANNOT DELETE *elmttype elmname* FOR SYSMOD *sysmod* BECAUSE
SYSLIB *library* FOR SHELL SCRIPT *shellscr* IS NOT ALLOCATED TO A PATH.**

Explanation:

shellscr shell script name

elmttype element type

elmname

element name

sysmod SYSMOD ID

library ddname of the library that contains the shell script

Shell script *shellscr* does not reside in the UNIX file system. As a result, SMP/E cannot invoke the shell script to delete the indicated element.

System action: Command processing for the SYSMOD stops.

GIM39319E • GIM39402I

Programmer response: Ensure that the DDDEF entry or DD statement for the indicated library identifies a path in the UNIX file system. Rerun the job.

GIM39319E SHELL SCRIPT *shellscr* PROCESSING IN THE *ddname* LIBRARY FOR *elmttype elmname* FAILED. THE RETURN CODE FROM THE *service* SERVICE WAS '*rtncode*'X AND THE REASON CODE WAS '*rsncode*'X.

Explanation:

shellscr shell script name
ddname ddname of the directory
elmttype element type
elmname element name
service system service that failed
rtncode return code from the service in hexadecimal
rsncode reason code from the service in hexadecimal

Shell script processing failed for the indicated element. SMP/E called the indicated service, but the service was not successful.

System action: Subsequent messages indicate SMP/E's action.

Programmer response: See *z/OS UNIX System Services Programming: Assembler Callable Services Reference* for the cause of the error. Correct the error and rerun.

GIM39401I SMPTLIB DATA SETS WERE LOADED FOR SYSMOD *sysmod*.

Explanation:

sysmod SYSMOD ID

The copy utility successfully loaded the SMPTLIB data sets for the indicated SYSMOD.

System action: SYSMOD processing continues. SMP/E indicates that the indicated SYSMOD has been received successfully.

Programmer response: None.

GIM39402I SMPTLIB DATA SETS WERE LOADED FOR SYSMOD *sysmod*. THE RETURN CODE FROM THE COPY UTILITY WAS *rtncode*.

Explanation:

sysmod SYSMOD ID
rtncode maximum return code from the copy utility

The copy utility successfully loaded the SMPTLIB data sets for the indicated SYSMOD. The copy utility issued a nonzero return code less than or equal to the acceptable return code that was specified in the associated UTILITY entry.

System action: SYSMOD processing continues. SMP/E indicates that the indicated SYSMOD has been received successfully.

Programmer response: Check the copy output in SYSPRINT to find the cause of the nonzero return code, and determine whether this would adversely affect further processing.

Note: If you did not get any utility output, check the value specified for the PRINT subentry in the UTILITY entry. This ddname is used for the SYSPRINT data set. Here are some typical reasons for not getting any utility output:

- The PRINT subentry specifies a DDDEF of DUMMY.
- The PRINT subentry specifies a data set that is sent to a SYSOUT class that suppresses output.

GIM39500S THE REPORT CALLLIBS COMMAND IS NO LONGER SUPPORTED. USE THE LINK LMODS COMMAND INSTEAD.

Explanation: The REPORT CALLLIBS command is no longer supported. Similar function is provided by the LINK LMODS command.

System action: Command processing stops.

Programmer response: Use the LINK LMODS command instead.

GIM39601E SYSMOD *sysmod* WAS NOT RECEIVED BECAUSE IT HAS NO ++VER MCS.

Explanation:

sysmod SYSMOD ID

SMP/E did not find a ++VER MCS for the indicated SYSMOD.

System action: SMP/E does not receive the SYSMOD.

Programmer response: To receive the SYSMOD, include an applicable ++VER MCS and run RECEIVE again.

GIM39701W SYSMOD *sysmod* HAS NO ELEMENTS.

Explanation:

sysmod SYSMOD ID

The indicated SYSMOD contains no element, JCLIN, MOVE, RENAME, or DELETE MCS statements.

System action: Other messages indicate whether SMP/E received the SYSMOD.

Programmer response: If the SYSMOD was successfully received, no action is required. Otherwise, fix the error and rerun the job.

GIM39701E SYSMOD *sysmod* HAS NO ELEMENTS.

Explanation:

sysmod SYSMOD ID

The indicated SYSMOD contains no element MCS statements. It does, however, have an applicable ++VER MCS and may have inline JCLIN.

System action: Other messages indicate whether SMP/E received the SYSMOD.

Programmer response: If the SYSMOD was successfully received, no action is required. Otherwise, fix the error and rerun the job.

GIM39801I SYSMOD *sysmod* WAS NOT RECEIVED BECAUSE IT HAS A SYNTAX OR CONSTRUCTION ERROR.

Explanation:

sysmod SYSMOD ID

The indicated SYSMOD contains a syntax error or a construction error. Other messages describe the error.

System action: SMP/E does not receive the SYSMOD.

Programmer response: Look at SMPOUT for other messages that contain more specific information about the syntax or construction error.

GIM39802E A SYNTAX OR CONSTRUCTION ERROR WAS FOUND IN SYSMOD *sysmod* IN THE SMPPTS DATA SET.

Explanation:

sysmod SYSMOD name

GIM399I • GIM40002E

SMP/E attempted to use a module from the specified SYSMOD in the SMPPTS data set to build a load module. However, the module was not found in the SYSMOD in the SMPPTS data set or the SYSMOD has been corrupted.

Messages GIM65915E and GIM65905I follow this message and identify the module needed and load modules that could not be built.

System action: SYSMOD processing stops.

Programmer response: Receive the specified SYSMOD again into the global zone and the SMPPTS data set and rerun the job.

GIM399I ENTER THE JULIAN DATE (yyddd) OR "U".

Explanation: SMP/E is requesting the date it needs to record this SMP/E job.

System action: None.

Programmer response: Do one of the following:

- Enter the date as *yyddd* (*yy*=year, *ddd*=day).
- Enter U to use the system IPL date.

GIM40001E SYSMOD *sysmod* HAS ALREADY BEEN FOUND IN THE SMPPTFIN DATA SET THAT IS CURRENTLY BEING PROCESSED.

Explanation:

sysmod SYSMOD ID

The indicated SYSMOD appeared more than once in the same SMPPTFIN data set. SMP/E may have successfully received this previous copy of the SYSMOD.

This can occur when you are processing PTFs for an FMID that is applicable to several licensed products. If you are licensed for those products, PTFs associated with that FMID are loaded on the expanded service options (ESO) tape for each product. Consequently, multiple copies of the same PTF may be found on that ESO. During RECEIVE processing, SMP/E finds the duplicated copies of the PTF and issues this message.

System action: SMP/E does not receive the second version of the SYSMOD. The previous copy of the SYSMOD is not changed.

Programmer response: Do one of the following:

- If you received an ESO with multiple versions of the same PTF, take no action.
- To keep the earlier copy of the SYSMOD, take no action.
- To keep this copy of the SYSMOD, do the following:
 1. Reject the SYSMOD.
 2. Correct the SMPPTFIN input stream so that only the SYSMOD you want appears.

GIM40002E ANOTHER ++*mcstype* MCS FOR *mcsname* HAS ALREADY BEEN FOUND IN THE SMPPTFIN DATA SET THAT IS CURRENTLY BEING PROCESSED.

Explanation:

mcstype type of MCS (PRODUCT or FEATURE)

mcsname

name for the MCS (product-id and vrm, or feature name)

The indicated ++FEATURE or ++PRODUCT MCS appeared more than once in the same SMPPTFIN data set. SMP/E may have successfully received the first copy of the ++FEATURE or ++PRODUCT MCS. During RECEIVE processing, SMP/E finds the duplicated copies of the ++FEATURE or ++PRODUCT MCS and issues this message.

System action: SMP/E does not receive the second instance of the ++FEATURE or ++PRODUCT MCS. The first instance is not affected.

Programmer response: Do one of the following:

- To keep the first instance of the ++FEATURE or ++PRODUCT, take no action.
- To keep this copy of the ++FEATURE or ++PRODUCT, do the following:

1. Reject the first ++FEATURE or ++PRODUCT, or delete it with UCLIN.
2. Correct the SMPPTFIN input stream so that only the desired ++FEATURE or ++PRODUCT MCS appears.

GIM40101E *command* PROCESSING FAILED FOR SYSMOD *sysmod* EVEN THOUGH IT WAS SPECIFIED ON THE SELECT OPERAND. *sysmod* IS NOT IN THE *zonetype* ZONE.

Explanation:

command
 an SMP/E command
sysmod SYSMOD ID
zonetype
 zone type

The indicated SYSMOD was specified on the SELECT operand but the SYSMOD is not available for SMP/E to process.

System action: SYSMOD processing stops.

Programmer response: Make sure you specified the correct SYSMOD ID on the command. Then rerun the job.

GIM40102E *command* PROCESSING FAILED FOR SYSMOD *sysmod1*. *sysmod1* IS A CROSS-ZONE REQUISITE FROM ZONE *zonename* FOR FMID *sysmod2*, BUT *sysmod1* IS NOT IN THE GLOBAL ZONE.

Explanation:

command
 APPLY or ACCEPT
sysmod1
 SYSMOD ID
zonename
 zone name
sysmod2
 function SYSMOD ID

The XZREQ operand was used for the specified command. SYSMOD *sysmod1* was needed for function *sysmod2* in the set-to zone because of CIFREQ data in another zone. SYSMOD *sysmod1* was not received and therefore could not be processed by the indicated command.

System action: Processing continues.

Programmer response: If you want the specified SYSMOD installed, obtain it and receive it into the GLOBAL zone and the PTS data set. You may then install it by using the XZREQ operand or by specifically selecting it.

GIM40103E *command* PROCESSING FAILED FOR SYSMOD *sysmod1*. *sysmod1* IS A CROSS-ZONE REQUISITE FROM ZONE *zonename* FOR FMID *sysmod2* BUT *sysmod1* WAS EXCLUDED.

Explanation:

command
 APPLY or ACCEPT
sysmod1
 SYSMOD ID
zonename
 zone name
sysmod2
 function SYSMOD ID

The XZREQ operand was used for the specified command. SYSMOD *sysmod1* was needed for function *sysmod2* in the set-to zone because of CIFREQ data in another zone. SYSMOD *sysmod1*, however, was excluded and therefore could not be processed by the indicated command.

System action: Processing continues.

Programmer response: If you want the specified SYSMOD installed, remove it from the EXCLUDE operand and rerun the command.

GIM40104E ACCEPT PROCESSING FAILED FOR SYSMOD *sysmod1*. *sysmod1* IS A CROSS-ZONE REQUISITE FROM ZONE *zonename* FOR FMID *sysmod2* BUT *sysmod1* COULD NOT BE PROCESSED BECAUSE BYPASS(APPLYCHECK) WAS NOT SPECIFIED.

Explanation:

sysmod1

SYSMOD ID

zonename

zone name

sysmod2

Function SYSMOD ID

The XZREQ operand was used for the specified command. SYSMOD *sysmod1* was needed for function *sysmod2* in the set-to zone because of CIFREQ data in another zone. SYSMOD *sysmod1*, however, could not be accepted because it was not successfully applied.

System action: Processing continues.

Programmer response: If you want the specified SYSMOD installed, specify BYPASS(APPLYCHECK) on the command and rerun the command.

GIM40201E THE *operand* OPERAND IS NOT ALLOWED FOR SUPERSEDED ONLY SYSMODS.

Explanation:

operand UCL statement operand

The SYSMOD entry to be updated by the UCL statement is for a superseded-only SYSMOD. (The entry indicates that the SYSMOD has not been installed, but a SYSMOD that supersedes it has been.) However, the indicated operand is not allowed for superseded-only SYSMODS.

System action: SMP/E does not do the requested UCLIN processing.

Programmer response: Do **one** of the following:

- Specify additional operands on the UCL statement so that the SYSMOD is no longer superseded-only. (For example, add a module, RECEIVE and APPLY dates, and a SYSMOD, if these are applicable.)
- Delete the operand from the UCL statement.

Then rerun the job.

GIM40202E THE *operand* OPERAND IS NOT ALLOWED FOR DELETED SYSMODS

Explanation:

operand UCL statement operand

The indicated operand is not allowed on a UCL statement for a deleted SYSMOD. (The SYSMOD entry for a deleted SYSMOD contains the DELBY subentry.)

System action: SMP/E does not do the requested UCLIN processing.

Programmer response: Delete the indicated operand from the UCL statement and rerun the job.

GIM40203E STATUS OPERANDS ARE NOT ALLOWED FOR DELETED SYSMODS.

Explanation: Status operands (such as APP, ACC, or ERR) are not allowed on a UCL statement for a deleted SYSMOD. (The SYSMOD entry for a deleted SYSMOD contains the DELBY subentry.)

System action: SMP/E does not do the requested UCLIN processing.

Programmer response: Delete the indicated operand from the UCL statement and rerun the job.

GIM40204E STATUS OPERANDS ARE NOT ALLOWED FOR SUPERSEDED ONLY SYSMODS.

Explanation: The SYSMOD entry to be updated by the UCL statement is for a superseded-only SYSMOD. (The entry indicates that the SYSMOD has not been installed, but a SYSMOD that supersedes it has been.) However, status operands are not allowed for a superseded-only SYSMOD.

System action: SMP/E does not do the requested UCLIN processing.

Programmer response: Do **one** of the following:

- Specify additional operands on the UCL statement so that the SYSMOD is no longer superseded-only. (For example, add a module, RECEIVE and APPLY dates, and a SYSMOD, if these are applicable.)
- Delete the status operand from the UCL statement.

Then rerun the job.

GIM40300E THE *operand* OPERAND IS MUTUALLY EXCLUSIVE WITH ALL OTHER SYSMOD SUBENTRIES.

Explanation:

operand UCL statement operand or SYSMOD subentry

A UCL statement for a SYSMOD entry specified the indicated operand or an existing SYSMOD entry already contains the indicated operand as a subentry. This operand cannot be specified with any other UCL operands. If this subentry already exists in the SYSMOD entry, no other subentries can be added to the SYSMOD entry.

System action: Processing stops for the statement in error. Processing continues with the next statement.

Programmer response: Specify the correct operands on the UCL statement and re-run the job. Or delete the indicated subentry from the SYSMOD entry, correct the UCL statement, and re-run the job.

GIM40401W SMP/E DID NOT RESTORE *enttype entname* FOR SYSMOD *sysmod* BECAUSE *enttype entname* IS NOT IN THE *library* LIBRARY.

Explanation:

enttype entry type

entname

entry name

sysmod SYSMOD ID

library ddname of the library (either SMPSCDS or the target zone name)

During RESTORE processing for SYSMOD *sysmod*, SMP/E tried to copy the indicated entry from the SMPSCDS to the target zone. However, SMP/E could not find the entry in the indicated data set.

System action: **One** of the following occurs:

- If SMP/E could not find the entry on the target zone, it copies the BACKUP entry from the SMPSCDS to the target zone.
- If SMP/E could not find the BACKUP entry in the SMPSCDS, the indicated entry is not restored.

In both cases, SYSMOD processing continues.

Programmer response: Do the following:

1. Look at the SMPLOG data set to see if the entry in the target zone was updated by UCLIN.
2. List the BACKUP entry to check that SMP/E copied the correct version of the entry into the SMPSCDS.
3. If the entry in the target zone is incorrect, use UCLIN to make the appropriate updates.

Then rerun the job.

GIM40501E THE DISTLIB VALUE *distlib1* SPECIFIED FOR *enttype entname* IN SYSMOD *sysmod* DOES NOT MATCH THE DISTLIB VALUE *distlib2* IN THE *enttype* ENTRY FOR *entname*.

Explanation:

distlib1 DISTLIB name in MCS
enttype entry type
entname entry name
sysmod SYSMOD ID
distlib2 DISTLIB name in SYSMOD

The DISTLIB value specified on an element MCS in the indicated SYSMOD is different from the DISTLIB value in the element entry in the target or distribution zone being processed.

Here is an example of a situation that would cause this message to be issued:

In SYSMOD UZ12345:
++PTF(UZ12345).
...
++MOD(A) ... DISTLIB(DLIB2).

In the target zone MOD entry:
MOD(A)
...
DISTLIB(DLIB1)

System action: APPLY or ACCEPT processing stops for the indicated SYSMOD.

Programmer response: Correct the DISTLIB value on the element MCS or in the element entry. Then rerun the job.

GIM40600I SMP/E PROCESSING TO THE *library* LIBRARY WAS SUCCESSFUL FOR *enttype entname* IN SYSMOD *sysmod*. BLANK DATA HAS BEEN TRUNCATED. DATE *yy.ddd* - TIME *hh:mm:ss*

Explanation:

library ddname of the library to which the element was to be installed.
enttype entry type
entname entry name
sysmod SYSMOD ID
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds

The indicated element was successfully processed. However, blank data has been truncated during the installation of the element. You should check the output to verify that the results are acceptable.

System action: Processing continues.

Programmer response: None.

GIM40700E SMP/E PROCESSING TO THE *library* LIBRARY FAILED FOR *enttype entname* IN SYSMOD *sysmod*. NON-BLANK DATA WOULD HAVE BEEN TRUNCATED. DATE *yy.ddd* - TIME *hh:mm:ss*

Explanation:

library ddname of the library to which the element was to be installed
enttype entry type
entname entry name
sysmod SYSMOD ID
yy year
ddd Julian day
hh military hour

mm minutes
ss seconds

The indicated element was not processed because non-blank data would have been truncated during the installation of the element.

System action: Processing stops for the SYSMOD that contains the element.

Programmer response: Increase the record length of the output data set so that it matches the record length of the input data set. Then, rerun the job.

GIM40800I *command* PROCESSING FAILED FOR SYSMOD *sysmod*. SMP/E PROCESSING FAILED FOR AN ELEMENT IN *sysmod*.

Explanation:

command

SMP/E command

sysmod SYSMOD ID

SMP/E did not process the indicated SYSMOD because one of the elements was not processed. SMP/E encountered an error while processing the element.

System action: SYSMOD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

Programmer response:

- Examine SMP/OUT for messages relating to elements of the SYSMOD
- Use the APPLY/RESTORE/ACCEPT Element Summary Report to find the associated SYSMOD that caused the failure.
- Include the superseded SYSMODs on the RESTORE command if you have already applied the indicated SYSMOD.

Fix the error and rerun the job.

GIM40901E COPY PROCESSING TO THE *library* LIBRARY FAILED FOR *elmttype elmname* IN SYSMOD *sysmod*. THE RETURN CODE (*rtncode*) EXCEEDED THE ALLOWABLE VALUE. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

library ddname of the library to which the element was to be copied

elmttype element type

elmname

element name

sysmod SYSMOD ID

rtncode return code

yy year

ddd Julian day

hh military hour

mm minutes

ss seconds

seqno utility sequence number

Copy processing failed for the indicated element. Note that if the element name is greater than 300 characters, only the first 300 characters are placed in the message.

Multiple elements may be copied from one input data set to one output data set during a single invocation of the copy utility. If an error occurs during a batched copy invocation, the updates are debatched. If an error occurs during an invocation for a debatched member, processing fails for the associated SYSMOD (and possibly for related SYSMODs).

System action: SYSMOD processing stops because the return code was not 0, and **one** of the following is true:

- The return code is greater than the maximum return code specified in the UTILITY entry.
- The return code is greater than the default return code.

GIM40902I • GIM40902W

Programmer response: Check the copy output in SYSPRINT to find the cause of the error. The sequence number can be used as an index into the SYSPRINT output. This number is incremented for each utility call in an SMP/E run.

If copy output indicates that an unloaded PDS cannot be reloaded to a PDSE or that an unloaded PDSE cannot be reloaded to a PDS, you must define an SMPTLOAD DDDEF in the target or distribution zone. See the SMPTLOAD data set description in *SMP/E for z/OS Reference* for information on how to do this.

Note: If you did not get any utility output, check the value specified for the PRINT subentry in the UTILITY entry. This ddname is used for the SYSPRINT data set. Here are some typical reasons for not getting any utility output:

- The PRINT subentry specifies a DDDEF of DUMMY.
- The PRINT subentry specifies a data set that is sent to a SYSOUT class that suppresses output.

GIM40902I COPY PROCESSING TO THE *library* LIBRARY WAS SUCCESSFUL FOR *elmttype elmname* IN SYSMOD *sysmod*. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

library ddname of the library to which the element was to be copied
elmttype element type
elmname element name
sysmod SYSMOD ID
rtncode return code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number

The indicated element was successfully copied. Note that if the element name is greater than 300 characters, only the first 300 characters are placed in the message.

System action: Processing continues.

Programmer response: None.

GIM40902W COPY PROCESSING TO THE *library* LIBRARY WAS SUCCESSFUL FOR *elmttype elmname* IN SYSMOD *sysmod*. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

library ddname of the library to which the element was to be copied
elmttype element type
elmname element name
sysmod SYSMOD ID
rtncode return code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number

The indicated element was successfully copied. Note that if the element name is greater than 300 characters, only the first 300 characters are placed in the message.

System action: Processing continues.

Programmer response: No action is required. However, because the return code indicates that an error may have occurred, you should check the utility output to verify that the results are acceptable.

GIM40903E COPY PROCESSING TO THE *library* LIBRARY FAILED FOR *elmttype elmname* IN SYSMOD *sysmod*. ABEND *abncode* OCCURRED WHILE PROCESSING *library*. THE *library* LIBRARY RAN OUT OF SPACE. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

library ddname of the library
elmttype element type
elmname element name
sysmod SYSMOD ID
abncode abend code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number

Copy processing failed for the indicated element. Note that if the element name is greater than 300 characters, only the first 300 characters are placed in the message.

System action: SYSMOD processing stops for the indicated SYSMOD.

Programmer response: Increase the size of the indicated library and rerun the job.

GIM40904E STOW PROCESSING TO THE *library* LIBRARY FAILED FOR *alias* (ALIAS of *elmttype elmname*) IN SYSMOD *sysmod*.

Explanation:

library ddname of the library into which the alias was to be stowed
alias alias name
elmttype data element type
elmname data element name
sysmod name of sysmod supplying the data element

STOW processing failed for the indicated alias, leaving the installation of the data element incomplete.

System action: SYSMOD processing stops.

Programmer response: Verify that there are no I/O errors on the indicated library, check the size of the directory for the indicated library, and try to reinstall the element.

GIM40905I COPY PROCESSING TO THE *library* LIBRARY WAS SUCCESSFUL FOR *elmttype elmname*.

Explanation:

library library name
elmttype data element type
elmname data element name

The indicated data element was successfully copied.

System action: Processing continues.

Programmer response: None.

GIM40905W COPY PROCESSING TO THE *library* LIBRARY WAS SUCCESSFUL FOR *elmttype elmname*. THE RETURN CODE WAS *rtncode*.

Explanation:

library library name
elmttype data element type

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elmname
data element name
rtncode return code

The indicated data element was successfully copied.

System action: Processing continues.

Programmer response: No action is required. However, because the return code is non-zero, you should check the utility output to verify that the results are acceptable.

GIM40906E COPY PROCESSING TO THE *library* LIBRARY FAILED FOR *elmtyp* *elmname*. THE RETURN CODE *rtncode* EXCEEDED THE ALLOWABLE VALUE OF *max*.

Explanation:

library library name
elmtyp data element type
elmname
data element name
rtncode return code
max maximum allowable return code

Copy failed for the indicated data element.

System action: Processing of the data element stops. The return code is not zero, and one of the following is true:

- The return code is greater than the maximum return code specified in the INVOKE control statement.
- The return code is greater than the default return code.

Programmer response: Check the copy output to determine the cause of the error. Fix the error and rerun the job.

GIM41001E *command* PROCESSING FAILED FOR *sysmod1* BECAUSE BOTH *sysmod1* AND *sysmod2* CONTAIN ZAP UPDATES FOR MODULE *modname*. ONLY ONE OF THESE SYSMODS CAN BE PROCESSED AT A TIME.

Explanation:

command
APPLY or ACCEPT
sysmod1
first SYSMOD ID
sysmod2
second SYSMOD ID
modname
module name

SMP/E will not process more than one ZAP for the same module for a single APPLY or ACCEPT command.

System action: SYSMOD processing stops.

Programmer response: Install the SYSMODs with separate APPLY or ACCEPT commands.

GIM41101W SMP/E DID NOT RESTORE *enttype* ENTRY *entname* FOR SYSMOD *sysmod* BECAUSE *enttype* *entname* WAS CHANGED BY *changer*.

Explanation:

enttype entry type
entname
entry name
sysmod ID of the SYSMOD being restored
changer JCLIN, UCLIN, or the ID of the SYSMOD that updated the element

When SMP/E was restoring SYSMOD *sysmod*, it tried to copy the indicated entry from the SYSMOD's BACKUP entries in the SMPSCDS data set to the target zone. However, the target zone entry indicated that changes were made

to the element after the BACKUP entries were made for SYSMOD *sysmod*. Because these changes are not in the BACKUP entries, they would be lost if SYSMOD *sysmod* were restored.

System action: Processing continues.

Programmer response: Do the following:

1. List the specified target zone entry.
2. Check that the entry is valid, even after SMP/E restores the SYSMOD.
3. If the entry requires any changes, update it using UCLIN.

GIM41101E SMP/E DID NOT RESTORE *enttype* ENTRY *entname* FOR SYSMOD *sysmod* BECAUSE *enttype entname* WAS CHANGED BY *changer*.

Explanation:

enttype entry type

entname

entry name

sysmod ID of the SYSMOD being restored

changer JCLIN, UCLIN, or the ID of the SYSMOD that updated the element

When SMP/E was restoring SYSMOD *sysmod*, it tried to copy the indicated entry from the SYSMOD's BACKUP entries in the SMPSCDS data set to the target zone. However, the target zone entry indicated that changes were made to the element after the BACKUP entries were made for SYSMOD *sysmod*. Because these changes are not in the BACKUP entries, they would be lost if SYSMOD *sysmod* were restored.

System action: SYSMOD processing stops.

Programmer response: If the SYSMOD that last updated the entry, *changer*, has not already been accepted, then add it to the RESTORE SELECT list and rerun the command. If it has already been accepted, then contact IBM Support for assistance.

GIM41201S SMP/E CANNOT DETERMINE THE RELATIONSHIPS BETWEEN THE FOLLOWING SYSMODS:

Explanation: SMP/E could not determine the order in which to process the SYSMODs listed in message GIM41301I. SMP/E may have been processing the SYSMODs concurrently, or one of the SYSMODs may already have been installed. SMP/E determines the processing order using information on the ++VER MCS (FMID, VERSION, PRE, SUP).

System action: Command processing stops.

Programmer response: Do **one** of the following:

- Specify the correct relationship on the ++VER MCS for the specified SYSMODs.
- Use separate commands to process each SYSMOD in the required order.

GIM41301I SYSMOD=*sysmod* FMID=*fmid* PRE=*prereq*.

Explanation:

sysmod SYSMOD ID

fmid FMID associated with the SYSMOD

prereq list of prerequisites for the SYSMOD

This message follows message GIM41201S and lists the SYSMODs for which SMP/E could not determine a processing order.

System action: Command processing stops.

Programmer response: See message GIM41201S.

GIM41400W THE EFFECTIVE UID COULD NOT BE CHANGED BACK TO *uidval*. THE RETURN CODE FROM THE *service* CALLABLE SERVICE WAS '*rtncode*'X AND THE REASON CODE WAS '*rsncode*'X.

Explanation:

uidval original UID value before it was changed to 0

service callable service module name (usually BPX1SRU)

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rtncode return code from callable service in hexadecimal
rsncode reason code from callable service in hexadecimal

During SMP/E initialization, the effective UID was set to 0, so that any updates to a UNIX file system would be done with a UID of 0. During command termination (normal or abnormal) SMP/E attempted to reset the effective UID to its original value, but the attempt failed.

System action: Processing continues.

Programmer response: Determine from the return code and reason code given by the callable service why the attempt to reset the effective UID failed. Correct the problem.

GIM41401W THE REAL UID COULD NOT BE CHANGED BACK TO *uidval*. THE RETURN CODE FROM THE *service* CALLABLE SERVICE WAS '*rtncode*'X AND THE REASON CODE WAS '*rsncode*'X.

Explanation:

uidval original UID value before it was changed to 0
service callable service module name (usually BPX1SRU)
rtncode return code from callable service in hexadecimal
rsncode reason code from callable service in hexadecimal

During SMP/E initialization, the real UID was set to 0, so that any updates to a UNIX file system would be done with a UID of 0. During command termination (normal or abnormal) SMP/E attempted to reset the real UID to its original value, but the attempt failed.

System action: Processing continues.

Programmer response: Determine from the return code and reason code given by the callable service why the attempt to reset the real UID failed. Correct the problem.

GIM41501E THE ++*mcsname* MCS FOR ELEMENT *elmname* IN SYSMOD *sysmod* WAS NOT PROCESSED BECAUSE *elmname* IS NOT IN THE *zonename* ZONE.

Explanation:

mcsname element update MCS
elmname element name
sysmod SYSMOD ID
zonename TARGET or DLIB

SMP/E cannot update the indicated element because there is no valid entry for that element in the zone being processed.

Note: This can happen if the SYSMOD that supplied the element failed. In this case, there may be an element entry that has no FMID and no RMID.

System action: APPLY or ACCEPT processing stops for the SYSMOD.

Programmer response: Do the following:

1. List the target zone or distribution zone to find out if there is an entry for the element.
If you find an entry with no RMID, the entry represents an element that SMP/E does not consider to be in the target system.
2. Do **one** of the following:
 - Install a SYSMOD to supply the element.
 - Use UCLIN to properly initialize the FMID and RMID subentries in the element entry.
3. Rerun the job.

GIM41601E DALIAS *dalias* FOR MOD *modname* HAS BEEN FOUND AS A MOD ENTRY WITH THE SAME DISTLIB.

Explanation:

dalias DALIAS value on the ++MOD MCS
modname
 element name on the ++MOD MCS

During APPLY or ACCEPT processing, SMP/E found an existing MOD entry in a target or DLIB zone with the same name as the DALIAS value specified on a ++MOD MCS in a SYSMOD being installed. In addition, the existing MOD entry specifies the same DISTLIB value as the ++MOD MCS being processed. However, an alias for a module cannot coexist in a distribution library that already has a MOD entry with the same name as the alias.

System action: APPLY or ACCEPT processing stops for the SYSMOD, which is identified in the subsequent GIM22601I or GIM22601E message.

Programmer response: Do one of the following:

- Remove the DALIAS operand or change the DALIAS value on the failing MCS.
- Change the DISTLIB value on the failing MCS.

Note: Before you change the MCS, get the approval of the owner of the SYSMOD that contains the failing MCS. Otherwise, errors may occur when you try to install subsequent SYSMODs that apply to the affected element.

- If the data in the existing MOD entry is incorrect, use the UCLIN command to correct or delete the MOD entry.

GIM41700E SYSMOD *sysmod*, SPECIFIED ON A JCLIN SMPE-IF CONTROL STATEMENT, IS IN ERROR. JCLIN PROCESSING HAS FAILED.

Explanation:

sysmod SYSMOD ID

During JCLIN processing, SMP/E found that the SYSMOD specified on a JCLIN SMPE-IF control statement was in ERROR or NOGO. Because the specified SYSMOD terminated before completing successfully, it is possible that JCLIN processing for the SYSMOD left structural information incomplete. Therefore, it would be dangerous to continue the current JCLIN processing.

System action: JCLIN processing fails for the current JCLIN input stream.

Programmer response: Finish the installation of SYSMOD *sysmod* and rerun the SMP/E command.

GIM41701E THE *statement* JCLIN CONTROL STATEMENT IS NOT IN A PROPER PLACE IN THE JCLIN INPUT STREAM. JCLIN PROCESSING HAS FAILED.

Explanation:

statement

SMPE-ELSE or SMPE-END

The indicated JCLIN control statement was not in the proper place in the JCLIN input stream. An SMPE-ELSE control statement must immediately follow the SMPE-END control statement that ends the DO/END group of the associated SMPE-IF control statement. An SMPE-END control statement must have an open DO/END group to close (the DO/END group was started on an SMPE-IF or SMPE-ELSE control statement).

System action: JCLIN processing fails for the current JCLIN input stream.

Programmer response: Check with the provider of the JCLIN input stream to determine why the JCLIN control statement is not in the proper place.

GIM41702E JCLIN PROCESSING FAILED BECAUSE SMP/E REACHED END-OF-FILE ON THE JCLIN INPUT STREAM WITHOUT FINDING AN SMPE-END CONTROL STATEMENT NEEDED TO CLOSE AN OPEN DO/END GROUP STARTED BY THE FOLLOWING JCLIN CONTROL STATEMENT -
statement

Explanation:

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statement

80-byte JCLIN control statement

SMP/E was looking for an **SMPE-END** control statement to close an open **DO/END** group in a JCLIN input stream. End-of-file for the JCLIN input stream was encountered before the **SMPE-END** control statement was found.

System action: JCLIN processing fails for the current JCLIN input stream.

Programmer response: Determine why the **SMPE-END** control statement was not found and correct the error. Then rerun the SMP/E command.

GIM41703I JCLIN PROCESSING IS SKIPPING JCLIN INPUT STREAM RECORDS FOUND AFTER THE FOLLOWING JCLIN CONTROL STATEMENT - *statement*

Explanation:

statement

80-byte JCLIN control statement

JCLIN processing has determined that it must skip JCLIN input stream records until the **DO/END** group started by the indicated JCLIN control statement is closed by its corresponding **SMPE-END** control statement. While skipping records in the JCLIN input stream, JCLIN processing still syntax checks the new JCLIN control statements that may exist in the skipped section of the JCLIN input stream. Additionally, **DO/END** groups and **IF THEN/ELSE** clauses are matched up in the skipped section of the JCLIN input stream. If an error is detected when doing this syntax checking and matching, the appropriate error message is issued and JCLIN processing is terminated.

System action: JCLIN processing continues looking for the needed **SMPE-END** control statement.

Programmer response: None.

GIM41704I *number* JCLIN INPUT STREAM RECORDS WERE SKIPPED BEFORE FINDING THE APPROPRIATE SMPE-END CONTROL STATEMENT.

Explanation:

number a number

JCLIN processing was skipping JCLIN input stream records looking for an **SMPE-END** to close an open **DO/END** group. *number* records were skipped before the appropriate **SMPE-END** control statement was found.

System action: JCLIN processing continues.

Programmer response: None.

GIM41799E A JCLIN CONTROL STATEMENT THAT IS SUPPORTED ONLY BY z/OS *release* SMP/E (OR HIGHER) HAS BEEN ENCOUNTERED IN THE JCLIN INPUT STREAM.

Explanation:

release Minimum version and release (*vv.rr*) of z/OS SMP/E required to process this JCLIN input stream.

During JCLIN processing, SMP/E found a JCLIN control statement (an **SMPE-IF**, **SMPE-END**, or **SMPE-ELSE**) that is defined for usage in the specified SMP/E level.

System action: JCLIN processing is terminated for the current JCLIN input stream.

Programmer response: Use the specified level of SMP/E to process the JCLIN input.

GIM41801I INLINE JCLIN PROCESSING FAILED FOR SYSMOD *sysmod*.

Explanation:

sysmod SYSMOD ID

Processing of inline JCLIN failed for the indicated SYSMOD.

System action: SYSMOD processing stops.

Programmer response: Look at the previous messages from JCLIN processing to find the cause of the error. Then do the following:

1. Restore the SYSMOD.
2. Correct the inline JCLIN.
3. Receive and apply the SYSMOD again.

GIM41802I INLINE JCLIN PROCESSING WAS SUCCESSFUL FOR SYSMOD *sysmod*.

Explanation:

sysmod SYSMOD ID

SMP/E successfully processed inline JCLIN for the indicated SYSMOD.

System action: Processing continues.

Programmer response: None.

GIM41901E THE GLOBAL ZONE SYSMOD ENTRY FOR *sysmod* INDICATES THAT IT CONTAINS A *++mcstype* MCS. HOWEVER, THERE IS NO *++mcstype* MCS FOR *sysmod* IN THE SMPPTS DATA SET.

Explanation:

sysmod SYSMOD ID

mcstype MCS types (++JCLIN, ++MOVE, ++DELETE, or ++RENAME)

SMP/E had set an indicator in the global zone SYSMOD entry to show that the indicated MCS was contained in the SYSMOD. However, SMP/E could not find the MCS in the SMPPTS MCS entry.

System action: SYSMOD processing stops.

Programmer response: Do the following:

1. Make sure the SMPPTS MCS entry was not changed after the SYSMOD was received.
2. Reject the SYSMOD and correct the error by either removing or adding the indicated MCS statement.
3. Receive the SYSMOD again so that the status indicator in the global zone SYSMOD entry correctly shows the contents of the SMPPTS MCS entry.

GIM42001I THE FOLLOWING CONDITIONS FOR SYSMOD *sysmod* WERE NOT SATISFIED, BUT WERE IGNORED BECAUSE THE BYPASS OPERAND WAS SPECIFIED. PROCESSING CONTINUES.

Explanation:

sysmod SYSMOD ID

Processing would have failed for the indicated SYSMOD, but it did not fail because BYPASS was specified on the command being processed. However, certain requisites or holds were not satisfied for that SYSMOD. Message GIM359xx follows this message and names the requisites or holds that were not satisfied.

System action: Processing continues.

Programmer response: None.

GIM42001W THE FOLLOWING CONDITIONS FOR SYSMOD *sysmod* WERE NOT SATISFIED, BUT WERE IGNORED BECAUSE THE BYPASS OPERAND WAS SPECIFIED. PROCESSING CONTINUES.

Explanation:

sysmod SYSMOD ID

Processing would have failed for the indicated SYSMOD, but it did not fail because BYPASS was specified on the command being processed. However, certain requisites or holds were not satisfied for that SYSMOD. Message GIM359xx follows this message and names the requisites or holds that were not satisfied.

System action: Processing continues.

Programmer response: None.

GIM42003W SYSMOD *sysmod1* IN ZONE *zonename* HAS A CROSS-ZONE REQUISITE FOR SYSMOD *sysmod2*. THE CROSS-ZONE REQUISITE WILL NO LONGER BE SATISFIED WHEN SYSMOD *sysmod2* IS RESTORED.

Explanation:

sysmod1
 SYSMOD ID

zonename
 zone name that needs the cross-zone requisite

sysmod2
 SYSMOD ID

Processing would have failed for SYSMOD *sysmod2*, but it did not fail because BYPASS(XZIFREQ) was specified on the RESTORE command. However, when SYSMOD *sysmod2* is restored, the cross-zone requisite stated by SYSMOD *sysmod1* in zone *zonename* will no longer be satisfied.

System action: Processing continues.

Programmer response: The SYSMOD in zone *zonename* with the cross-zone requisite for SYSMOD *sysmod2* should also be restored to ensure that the system will function properly.

GIM42100W AN ATTEMPT TO OBTAIN THE NAME OF THE PHYSICAL DATA SET CONTAINING THE DIRECTORY FOR *ddname* FAILED. THE RETURN CODE FROM THE *service* CALLABLE SERVICE WAS '*rtncode*'X AND THE REASON CODE WAS '*rsncode*'X.

Explanation:

ddname ddname

service callable service name

rtncode return code from callable service in hexadecimal

rsncode reason code from callable service in hexadecimal

SMP/E attempted to obtain the name of the physical data set containing the directory for the allocated file, but the callable service was unsuccessful.

System action: Processing continues. However, the name of the physical data set is not shown in the file allocation report nor in the LCI records if LCI processing is in effect.

Programmer response: None, but you may want to fix the error for future SMP/E jobs.

GIM42201E THE UCLIN CHANGES WERE NOT MADE BECAUSE THE ++LMODIN INPUT CONTAINS MULTIPLE NAME STATEMENTS. ONLY ONE NAME STATEMENT IS ALLOWED.

Explanation: Only one NAME statement is allowed in the ++LMODIN input for a given UCL statement. That NAME statement must refer to the LMOD entry that contains the ++LMODIN input.

System action: The requested UCLIN changes are not made.

Programmer response: Do one of the following:

- Change the UCL statement so that the ++LMODIN input contains just one NAME statement for the associated LMOD entry.
- If you are changing more than one LMOD, split up the ++LMODIN input into separate UCLIN statements for the individual LMOD entries.

Then rerun the job.

GIM42202E THE UCLIN CHANGES WERE NOT MADE BECAUSE THE ++LMODIN INPUT IS INCORRECT. LINK-EDIT CONTROL STATEMENTS MAY NOT BE SELECTIVELY DELETED.

Explanation: You cannot selectively delete link-edit control statements from an LMOD entry. You can only delete them all. The following example shows the error:

```
SET BDY(ZOSZSET) /* Set to zone processing */.
UCLIN           /* Start UCLIN           */.
DEL LMOD(LMODX) /* Identify LMOD entry   */.
```



```

++LMODIN      /* Delete link-edit      */
ENTRY START   /* control statements      */
ALIAS SECRET
++ENLDMODIN.
ENDUCL.       /* End UCLIN processing    */.

```

System action: The requested UCLIN changes are not made.

Programmer response: Remove the link-edit control statements from the UCLIN command. Then rerun the job. The following example shows the proper syntax for deleting the link-edit control statements from an LMOD entry:

```

SET BDY(ZOSZSET) /* Set to zone processing */.
UCLIN           /* Start UCLIN          */.
DEL LMOD(LMODX) /* Identify LMOD entry    */.
++LMODIN       /* Delete link-edit      */.
++ENLDMODIN    /* control statements    */.
ENDUCL.        /* End UCLIN processing  */.

```

Note: Using the REP command instead of the DEL command gives you the same result.

GIM42301S THE SPECIFIED DATE IS NOT IN THE EXPECTED RANGE.

Explanation: One of the following occurred:

- SMP/E did not recognize the date specified on the command being processed. It expected to see *mm dd yy* — the month (*mm*), followed by the day (*dd*), followed by the year (*yy*).
- The beginning date (*mm dd yy*) is later than the ending date (*mm dd yy*).

System action: Command processing stops.

Programmer response: Correct the date as follows:

- If SMP/E did not recognize the format of the date:
 - Specify *mm* as a number from 01 to 12.
 - Specify *dd* as a number from 01 to 31.
 - Specify *yy* as a number from 00 to 99.
- If the beginning date was later than the ending date, change the dates so that the ending date is later than the beginning date.

Then rerun the command.

GIM42401I THE FOLLOWING PARAMETERS WERE SPECIFIED ON THE EXEC STATEMENT FOR GIMSMP: *parameters.*

Explanation:

parameters

parameters on the EXEC statement

This message lists the parameters that were specified on the EXEC statement for GIMSMP.

System action: None.

Programmer response: None.

GIM42500W AN ATTEMPT TO OBTAIN THE NAME OF THE PHYSICAL DATA SET CONTAINING A SYMBOLIC LINK FOR *elmttype elmname* IN *library* FAILED. THE RETURN CODE FROM THE *service* CALLABLE SERVICE WAS '*rtncode*'X AND THE REASON CODE WAS '*rsncode*'X.

Explanation:

elmttype element type

elmname

element name

library ddname

service callable service name

rtncode return code from callable service in hexadecimal

rsncode reason code from callable service in hexadecimal

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SMP/E attempted to obtain the name of the physical data set containing a symbolic link for an element updated in library *library*, but the callable service was unsuccessful.

System action: Processing continues. However, the name of the physical data set is not shown in the file allocation report nor in the LCI records if LCI processing is in effect.

Programmer response: None, but you may want to fix the error for future SMP/E jobs.

GIM42601E SYSMOD *sysmod1* WAS NOT APPLIED BECAUSE IT DELETES SYSMOD *sysmod2*, WHICH WAS ALREADY APPLIED. *sysmod1* CAN ONLY BE APPLIED IF IT IS SPECIFIED ON THE SELECT OPERAND.

Explanation:

sysmod1

ID of the deleting SYSMOD

sysmod2

ID of the SYSMOD being deleted

SYSMOD *sysmod1* deletes another SYSMOD (SYSMOD *sysmod2*). Therefore, it will be processed only if it is specified on the SELECT operand.

System action: SYSMOD processing stops. Message GIM37001S follows this message and shows that command processing also fails.

Programmer response: Do **one** of the following:

- If you want to apply SYSMOD *sysmod1*, specify it on the SELECT operand.
- If you do not want to apply SYSMOD *sysmod1*, do **one** of the following:
 - Use the REJECT command to remove SYSMOD *sysmod1* from the global zone.
 - Specify SYSMOD *sysmod1* on the EXCLUDE operand to exclude it from processing.

Then rerun the APPLY command.

GIM42602E SYSMOD *sysmod1* WAS NOT ACCEPTED BECAUSE IT DELETES SYSMOD *sysmod2*, WHICH WAS ALREADY ACCEPTED. *sysmod1* CAN ONLY BE ACCEPTED IF IT IS SPECIFIED ON THE SELECT OPERAND.

Explanation:

sysmod1

ID of the deleting SYSMOD

sysmod2

ID of the SYSMOD being deleted

SYSMOD *sysmod1* deletes another SYSMOD (SYSMOD *sysmod2*). Therefore, it will be processed only if it is specified on the SELECT operand.

System action: SYSMOD processing stops. Message GIM37001S follows this message and shows that command processing also fails.

Programmer response: Do **one** of the following:

- If you want to accept SYSMOD *sysmod1*, specify it on the SELECT operand.
- If you do not want to accept SYSMOD *sysmod1*, do **one** of the following:
 - Use the REJECT command to remove SYSMOD *sysmod1* from the global zone.
 - Specify SYSMOD *sysmod1* on the EXCLUDE operand to exclude it from processing.

Then rerun the ACCEPT command.

GIM42701E SYSMOD *sysmod1* WAS NOT APPLIED BECAUSE IT IS MUTUALLY EXCLUSIVE (NPRES) WITH FUNCTION SYSMOD *sysmod2*, WHICH WAS ALREADY APPLIED.

Explanation:

sysmod1

ID of the SYSMOD being installed

sysmod2

ID of the SYSMOD that is already installed

Mutually exclusive SYSMODs cannot be installed on the same system. SYSMOD *sysmod1* was not applied because a mutually exclusive SYSMOD, SYSMOD *sysmod2*, had already been applied.

System action: SYSMOD processing stops. Message GIM37001S follows this message and shows that command processing also fails.

Programmer response: Do **one** of the following:

- If you do not want to process SYSMOD *sysmod1*, do **one** of the following:
 - Use the REJECT command to remove SYSMOD *sysmod1* from the global zone.
 - Specify SYSMOD *sysmod1* on the EXCLUDE operand to exclude it from processing.
- If you want to process SYSMOD *sysmod1*, use the RESTORE command to remove SYSMOD *sysmod2* from the target library and target zone.

Then rerun the APPLY command.

GIM42702E SYSMOD *sysmod1* WAS NOT ACCEPTED BECAUSE IT IS MUTUALLY EXCLUSIVE (NPRES) WITH FUNCTION SYSMOD *sysmod2*, WHICH WAS ALREADY ACCEPTED.

Explanation:

sysmod1

ID of the SYSMOD being installed

sysmod2

ID of the SYSMOD that is already installed

Mutually exclusive SYSMODs cannot be installed on the same system. SYSMOD *sysmod1* was not accepted because a mutually exclusive SYSMOD, SYSMOD *sysmod2*, had already been accepted.

System action: SYSMOD processing stops. Message GIM37001S follows this message and shows that command processing also fails.

Programmer response: Do **one** of the following:

- If you do not want to process SYSMOD *sysmod1*, do **one** of the following:
 - Use the REJECT command to remove SYSMOD *sysmod1* from the global zone.
 - Specify SYSMOD *sysmod1* on the EXCLUDE operand to exclude it from processing.
- If you want to process SYSMOD *sysmod1*, use UCLIN to delete SYSMOD *sysmod2*.

Then rerun the ACCEPT command.

GIM42800S THE *keyword* KEYWORD HAS BEEN SPECIFIED MORE THAN ONCE IN THE *dataset* DATA SET.

Explanation:

keyword duplicate keyword operand*dataset* data set being parsed

The identified keyword operand was found more than once while SMP/E was parsing the identified data set.

System action: Command processing stops.

Programmer response: Correct the syntax by deleting the duplicate keyword, and rerun the command.

GIM42801S *progrname* PROCESSING FAILED. THE archid ATTRIBUTE VALUE *archive_id* WAS SPECIFIED IN MORE THAN ONE *tag* TAG IN FILE *file*. AN archid ATTRIBUTE VALUE MUST BE UNIQUE WITHIN A PACKAGE.

Explanation:

progrname

GIMZIP or GIMUNZIP

archive_id

archive id value

tag

<FILEDEF> or <ARCHDEF>

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file SYSIN or GIMPAF.XML

The identified archive id value was found on more than one file or archive definition tag when *progrname* was parsing the information in the specified file. An archive id value must be unique within a package.

System action: Processing stops.

Programmer response: Correct the syntax by modifying the duplicate archive id value and rerun the job.

| GIM42802S THE *attribute1* ATTRIBUTE IS MISSING BUT IS REQUIRED WHEN *attribute2-value* IS SPECIFIED.

| **Explanation:**

| *attribute1*

| The required attribute.

| *attribute2-value*

| The attribute value that requires the identified attribute.

| For the RECEIVE FROMNETWORK command and the GIMGTPKG service routine, if the specified downloadmethod attribute value is https (*attribute2-value*), then either a security manager keyring or the default Java truststore keyword must be specified on the <CLIENT> tag using the downloadkeyring attribute. The keyring or the default Java truststore must define the proper certificates required for the SSL operations with the download server.

| **System action:** Processing stops.

| **Programmer response:** Specify the missing attribute and rerun the job.

GIM42810W THE *keyword* KEYWORD IS NO LONGER ALLOWED IN THE *dataset* DATA SET. USE THE FTP.DATA DATA SET INSTEAD TO SPECIFY THIS OPTION.

Explanation:

keyword pasv or keepalive keyword

dataset data set being parsed

The identified keyword is no longer allowed in the identified data set. Equivalent capabilities can be found by using the FTP.DATA data set.

If the identified keyword is pasv, specify the FWFriendly statement in the FTP.DATA data set. If the identified keyword is keepalive, specify the FTPKEEPALIVE statement in the FTP.DATA data set. Refer to the z/OS Communications Server IP User's Guide and Commands for more information about the statements that can be coded in the FTP.DATA data set.

System action: Processing continues.

Programmer response: To prevent this message, remove the keyword from the identified data set and, optionally, specify the appropriate statement in the FTP.DATA data set.

GIM42901E SYSMOD *sysmod1* WAS NOT RESTORED BECAUSE *elmttype elmname* IS IN BOTH SYSMOD *sysmod1* AND SYSMOD *sysmod2*, BUT *sysmod2* IS ACCEPTED IN ERROR.

Explanation:

sysmod1

SYSMOD ID

elmttype element type

elmname

element name

sysmod2

SYSMOD ID

SYSMOD *sysmod1*, which is being restored, has an element in common with SYSMOD *sysmod2*. However, SMP/E cannot restore the element to the level of SYSMOD *sysmod2* because SYSMOD *sysmod2* was accepted in error.

For example, assume you have installed the following PTFs:

| TARGET ZONE SYSMODs | DLIB ZONE SYSMODs |
|---------------------|--------------------|
| UZ00001 UZ00002 | UZ00001 (in error) |

Assume UZ00002 and UZ00001 have an element in common. If you tried to restore SYSMOD UZ00002, you would get this message because UZ00001, which supplied the previous version of the element, was not successfully accepted.

System action: SYSMOD processing stops.

Programmer response: Reaccept SYSMOD *sysmod2* so that it is accepted without errors. Then rerun the RESTORE command for SYSMOD *sysmod1*.

GIM42902E SYSMOD *sysmod1* WAS NOT RESTORED BECAUSE *elmttype elmname* IS IN BOTH SYSMOD *sysmod1* AND SYSMOD *sysmod2*, BUT *sysmod2* HAS NOT BEEN ACCEPTED.

Explanation:

sysmod1 SYSMOD ID
elmttype element type
elmname element name
sysmod2 SYSMOD ID

SYSMOD *sysmod1*, which is being restored, has an element in common with SYSMOD *sysmod2*. However, SMP/E cannot restore the element to the level of SYSMOD *sysmod2* because SYSMOD *sysmod2* has not been accepted.

For example, assume you have installed the following PTFs:

| TARGET ZONE SYSMODs | DLIB ZONE SYSMODs |
|-------------------------------|-------------------|
| UZ00001 UZ00002 UZ00003 | UZ00001 |

Assume UZ00003 and UZ00002 have an element in common. If you tried to restore SYSMOD UZ00003, you would get this message because UZ00002, which supplied the previous version of the element, has not been accepted and is not being restored.

System action: SYSMOD processing stops.

Programmer response: Do **one** of the following:

- Accept SYSMOD *sysmod2*, then rerun the RESTORE command for SYSMOD *sysmod1*.
- Restore both of the SYSMODs.

GIM42903E SYSMOD *sysmod1* WAS NOT RESTORED BECAUSE *elmttype elmname* IS IN BOTH SYSMOD *sysmod1* AND SYSMOD *sysmod2*, BUT *sysmod2* HAS FAILED.

Explanation:

sysmod1 SYSMOD ID
elmttype element type
elmname element type
sysmod2 SYSMOD ID

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SYSMOD *sysmod1* and SYSMOD *sysmod2*, which are both being restored, have an element in common. Because RESTORE processing has failed for SYSMOD *sysmod2*, SYSMOD *sysmod1* cannot be restored.

System action: SYSMOD processing stops.

Programmer response: Determine and fix the cause of the RESTORE failure for SYSMOD *sysmod2*. Then rerun the RESTORE command for both SYSMOD *sysmod1* and SYSMOD *sysmod2*.

GIM43001I *zonename* ZONE *umidtype* *sysmod* IS NOT APPLIED.

Explanation:

zonename

target zone name

umidtype

FMID, RMID, or UMID

sysmod SYSMOD ID

This message further explains the MODID error described by message GIM382xx for RESTORE processing. There is no SYSMOD entry for the indicated MODID, even though it appears in the target zone element entry that is being restored. RESTORE processing cannot continue without causing a potential mismatch between elements on the system.

System action: Processing of the SYSMOD specified in GIM382xx stops unless you specified **BYPASS(ID)**.

Programmer response: Do **one** of the following:

- If the wrong set of SYSMODs was specified, use SELECT or GROUP to process the correct set.
- If the correct set of SYSMODs was specified, use BYPASS(ID) to restore the SYSMODs.

GIM43002I *zonename* ZONE *umidtype* *sysmod* WAS NOT RESTORED BECAUSE RELATED SYSMODS FAILED.

Explanation:

zonename

target zone name

umidtype

FMID, RMID, or UMID

sysmod SYSMOD ID

This message further explains the MODID error described by message GIM382xx for RESTORE processing.

A target zone element contains multiple UMIDs because it was updated by several SYSMODs. Because SMP/E cannot restore the indicated UMID, it cannot restore any of the UMIDs for the element.

System action: Processing of the SYSMOD specified in GIM382xx stops unless you specified **BYPASS(ID)**.

Programmer response: Do **one** of the following:

- If the wrong set of SYSMODs was specified, use SELECT or GROUP to process the correct set.
- If the correct set of SYSMODs was specified, use BYPASS(ID) to restore the SYSMODs.

GIM43003I *zonename* ZONE *umidtype* *sysmod* IS APPLIED.

Explanation:

zonename

target zone name

umidtype

FMID, RMID, or UMID

sysmod SYSMOD ID

This message further explains the MODID error described by message GIM382xx for RESTORE processing.

The indicated SYSMOD has been applied, but it was not specified on the RESTORE command.

Assume UZ00003 and UZ00002 have an element in common. If you tried to restore SYSMOD UZ00003 you would get this message because UZ00002, which supplied the previous version of the element, is not being restored.

System action: Processing of the SYSMOD specified in GIM382xx stops unless you specified **BYPASS(ID)**.

Programmer response: Do **one** of the following:

- If the wrong set of SYSMODs was specified, use SELECT or GROUP to process the correct set.
- If the correct set of SYSMODs was specified, use BYPASS(ID) to restore the SYSMODs.

GIM43004I *zonename* **ZONE** *umidtype* *sysmod* **IS SUPERSEDED.**

Explanation:

zonename

target zone name

umidtype

FMID, RMID, or UMID

sysmod SYSMOD ID

This message further explains the MODID error described by message GIM382xx for RESTORE processing.

The indicated SYSMOD has been superseded. This can only happen in one of the following situations:

- A previous APPLY command failed while SMP/E was updating the target zone entries for the SYSMOD.
- UCLIN was used to change the element or SYSMOD entry.

System action: Processing of the SYSMOD specified in GIM382xx stops unless you specified **BYPASS(ID)**.

Programmer response: Do **one** of the following:

- If the wrong set of SYSMODs was specified, use SELECT or GROUP to process the correct set.
- If the correct set of SYSMODs was specified, use BYPASS(ID) to restore the SYSMODs.

GIM43005I *zonename* **ZONE** *umidtype* *sysmod* **IS DELETED.**

Explanation:

zonename

zone name

umidtype

FMID, RMID, or UMID

sysmod SYSMOD ID

This message further explains the MODID error described by message GIM382xx for RESTORE processing.

The indicated SYSMOD has been deleted. This can happen in one of the following situations:

- A previous APPLY command failed while SMP/E was updating the target zone entries for the SYSMOD.
- UCLIN was used to change the element or SYSMOD entry.

System action: Processing of the SYSMOD specified in GIM382xx stops unless you specified **BYPASS(ID)**.

Programmer response: Do **one** of the following:

- If the wrong set of SYSMODs was specified, use SELECT or GROUP to process the correct set.
- If the correct set of SYSMODs was specified, use BYPASS(ID) to restore the SYSMODs.

GIM43006I *zonename* **ZONE** *umidtype* *sysmod* **IS ACCEPTED BUT NOT APPLIED.**

Explanation:

zonename

DLIB zone name

umidtype

FMID, RMID, or UMID

sysmod SYSMOD ID

This message further explains the MODID error described by message GIM382xx for RESTORE processing.

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The indicated SYSMOD is a MODID in a distribution zone element entry. It has been accepted but has not been applied. If you try to restore the element involved, SMP/E will effectively apply a SYSMOD that has not been applied to the target zone. (In this case, if the SYSMOD has been superseded, it will not be applied.)

System action: Processing of the SYSMOD specified in GIM382xx stops unless you specified **BYPASS(ID)**.

Programmer response: Do **one** of the following:

- If the wrong set of SYSMODs was specified, use SELECT or GROUP to process the correct set.
- If the correct set of SYSMODs was specified, use BYPASS(ID) to restore the SYSMODs.

GIM43007I *zonename* ZONE *umidtype* *sysmod* IS ACCEPTED IN ERROR.

Explanation:

zonename

DLIB zone name

umidtype

FMID, RMID, or UMID

sysmod SYSMOD ID

This message further explains the MODID error described by message GIM382xx for RESTORE processing.

The indicated SYSMOD is a MODID in a distribution zone element entry, but an error occurred when it was accepted. Therefore, it cannot be used for RESTORE processing.

System action: Processing of the SYSMOD specified in GIM382xx stops unless you specified **BYPASS(ID)**.

Programmer response: Do **one** of the following:

- If the wrong set of SYSMODs was specified, use SELECT or GROUP to process the correct set.
- If the correct set of SYSMODs was specified, use BYPASS(ID) to restore the SYSMODs.

GIM43008I *zonename* ZONE *umidtype* *sysmod* IS ACCEPTED BUT SUPERSEDED ONLY.

Explanation:

zonename

DLIB zone name

umidtype

FMID, RMID, or UMID

sysmod SYSMOD ID

This message further explains the MODID error described by message GIM382xx for RESTORE processing.

The indicated SYSMOD is a FMID, RMID, or UMID in a distribution zone element entry, but it is superseded only in the target zone. For example, it may never have been applied, but a SYSMOD that superseded it was applied. Therefore, SMP/E cannot restore back to the level of this superseded SYSMOD.

System action: Processing of the SYSMOD specified in GIM382xx stops unless you specified **BYPASS(ID)**.

Programmer response: Do **one** of the following:

- If the wrong set of SYSMODs was specified, use SELECT or GROUP to process the correct set.
- If the correct set of SYSMODs was specified, use BYPASS(ID) to restore the SYSMODs.

GIM43009I *sysmod* IS THE FMID IN THE DLIB ZONE BUT NOT IN THE TARGET ZONE.

Explanation:

sysmod SYSMOD ID

This message further explains the MODID error described by message GIM382xx for RESTORE processing.

One of the following is true:

- The element entry does not exist in the target zone.
- The element entry exists but does not contain a valid FMID subentry.

System action: Processing of the SYSMOD specified in GIM382xx stops unless you specified **BYPASS(ID)**.

Programmer response: Do **one** of the following:

- If the wrong set of SYSMODs was specified, use SELECT or GROUP to process the correct set.
- If the correct set of SYSMODs was specified, use BYPASS(ID) to restore the SYSMODs.

GIM43010I *zonename* ZONE RMID *sysmod* DOES NOT SPECIFY ONE OF THE DLIB ZONE MODIDS AS A ++VER PRE OR ++VER SUP VALUE.

Explanation:

zonename

target zone name

sysmod SYSMOD ID

This message further explains the MODID error described by message GIM382xx for RESTORE processing.

The indicated SYSMOD does not have a correct PRE or SUP relationship with any distribution zone RMID or UMID. To be correct, one of the following must be true:

- The indicated SYSMOD must supersede or be a prerequisite of a distribution zone RMID or UMID.
- The indicated SYSMOD must supersede or be a prerequisite of another SYSMOD that SMP/E is concurrently restoring and that has a correct PRE or SUP relationship with a distribution zone RMID or UMID.

System action: Processing of the SYSMOD specified in GIM382xx stops unless you specified **BYPASS(ID)**.

Programmer response: Do **one** of the following:

- If the wrong set of SYSMODs was specified, use SELECT or GROUP to process the correct set.
- If the correct set of SYSMODs was specified, use BYPASS(ID) to restore the SYSMODs.

GIM43011I *zonename* ZONE *umidtype* *sysmod* IS APPLIED BUT NOT ACCEPTED.

Explanation:

zonename

target zone name

umidtype

FMID, RMID, or UMID

sysmod SYSMOD ID

This message further explains the MODID error described by message GIM382xx for RESTORE processing.

The indicated SYSMOD has been applied, but it has not been accepted and was not specified on the RESTORE command.

For example, assume you have installed the following PTFs:

| TARGET ZONE SYSMODs | DLIB ZONE SYSMODs |
|---------------------|-------------------|
| UZ00001 | UZ00001 |
| UZ00002 | |
| UZ00003 | |

Assume UZ00003 and UZ00002 have an element in common. If you tried to restore SYSMOD UZ00003, you would get this message because UZ00002, which supplied the previous version of the element, has not been accepted and is not being restored.

System action: Processing of the SYSMOD specified in GIM382xx stops unless you specified **BYPASS(ID)**.

Programmer response: Do **one** of the following:

- If the wrong set of SYSMODs was specified, use SELECT or GROUP to process the correct set.
- If the correct set of SYSMODs was specified, use BYPASS(ID) to restore the SYSMODs.

GIM43012I *zonename* ZONE UMID *sysmod* IS NOT SPECIFIED BY ONE OF THE TARGET ZONE MODIDS AS A ++VER PRE OR ++VER SUP VALUE.

Explanation:

zonename

DLIB zone name

sysmod SYSMOD ID

This message further explains the MODID error described by message GIM382xx for RESTORE processing. None of SYSMODs that are target zone MODIDs for the element being processed specify a relationship to the indicated distribution zone UMID value for that element. (For example, they do not supersede the UMID or specify it as a prerequisite.) As a result, SMP/E cannot determine whether it should restore the SYSMOD in message GIM382xx.

System action: Processing of the SYSMOD specified in GIM382xx stops unless you specified **BYPASS(ID)**.

Programmer response: Do **one** of the following:

- If the wrong set of SYSMODs was specified, use SELECT or GROUP to process the correct set.
- If the correct set of SYSMODs was specified, use BYPASS(ID) to restore the SYSMODs.

GIM43101E THERE IS NO *value* VALUE FOR *elmttype* *elmname* IN SYSMOD *sysmod*.

Explanation:

value DISTLIB or SYSLIB

elmttype element type

elmname

element name

sysmod SYSMOD ID

One of the following conditions has occurred:

- During ACCEPT processing, SMP/E found an element whose distribution library could not be determined from the distribution zone element entry.
- During APPLY processing, SMP/E found an element whose target library could not be determined from the target zone element entry.
- During APPLY processing, the DISTLIB for a module was missing from both the MOD entry and the ++MOD modification control statement.
- During APPLY processing, the SYSLIB for an hierarchical file system element was missing from the applicable element modification control statement.
- During RESTORE processing, either the distribution library was missing from the target zone element entry, or the target zone element entry itself was missing.

System action: Command processing stops for the indicated SYSMOD.

Programmer response: Use UCLIN or JCLIN to create or update the necessary target zone or distribution zone entries so that SMP/E can finish processing the element. Then rerun the command.

GIM43201T PROGRAM *programe* FAILED WITH A *abntype* ABEND CODE OF *abncode*.

Explanation:

programe

program name

abntype SYSTEM or USER

abncode abend code

An abend occurred, and SMP/E invoked its recovery routine.

System action: If the directories were in storage for write processing, SMP/E rewrote the directories of the affected SMP/E data sets to disk. SMP/E generates the SMP/E summary reports with the current element and SYSMOD status.

Programmer response: Look at the following:

- The SMP/E summary reports to find the element and SYSMOD status
- The abend dump for problem determination.

GIM43301E SYSMOD *sysmod1* WAS NOT RESTORED BECAUSE *sysmod1* IS SUPERSEDED BY SYSMOD *sysmod2*, WHICH IS NOT BEING RESTORED.

Explanation:*sysmod1*

ID of the superseded SYSMOD

sysmod2

ID of superseding SYSMOD

SMP/E could not restore SYSMOD *sysmod1* because it could not restore SYSMOD *sysmod2*. The SYSMOD entry for SYSMOD *sysmod1* indicated that SYSMOD *sysmod2* superseded SYSMOD *sysmod1*. (SYSMOD *sysmod2* was specified as a SUPBY value, which may have been set by UCLIN.) However, SMP/E could not restore SYSMOD *sysmod2* for one of these reasons:

- SYSMOD *sysmod2* has already been accepted.
- SYSMOD *sysmod2* has not been applied.

As a result, SMP/E also could not restore SYSMOD *sysmod1*.

System action: Processing stops for SYSMOD *sysmod1*.

Programmer response: Eliminate SYSMOD *sysmod1* from RESTORE processing.

GIM43401W *elmttype elmname* IN SYSMOD *sysmod* WAS NOT INSTALLED IN ANY TARGET LIBRARY.

Explanation:*elmttype* element type*elmname*

element name

sysmod SYSMOD ID

The indicated element was not applied to any target libraries. This is probably because no target library was specified for the element in either the JCLIN or on the SYSLIB operand of the element MCS.

Note: Even though the element was not installed in a target library, SMP/E updates the target zone element entry as follows:

- Creates an element entry (if one does not already exist) to indicate that it has processed the element.
- Updates the RMID value in the element entry.

System action: SYSMOD processing continues.

Programmer response: Do **one** of the following:

- If the element does not belong in a target library, do nothing.
- If the element belongs in a target library, check that the JCLIN or MCS defines the target library where the element should reside.

You can find out if the element belongs on a target library by doing one of the following:

- If the element is totally defined by an MCS (with no JCLIN) and the MCS does not specify a SYSLIB value, talk to the person who created the MCS (the product owner) to determine where the element should be installed.
 - If the element should be installed only in a distribution library, no further action is required.
 - If the element should be installed in a target library, the element was not packaged correctly. First, have the product owner add a SYSLIB value to the element MCS. Then reinstall the SYSMOD containing the element.
- If the element is defined by JCLIN:
 - Talk to the person who created the JCLIN.
 - Look at the JCLIN being processed to see if there is an INCLUDE statement for the element being applied. If there is no INCLUDE statement, the element does not belong in a target library.

Note: If the element is part of a totally copied library, it will not show up in an INCLUDE statement.

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- Run the JCLIN and check the JCLIN Summary Report. This report will give you a complete list of all the INCLUDE statements that were processed. Check whether there is an INCLUDE statement for the module you were processing.

GIM43500E THE CALL TO THE *service* SERVICE FAILED. THE RETURN CODE WAS 'rtncode'X AND THE REASON CODE WAS 'rsncode'X.

Explanation:

service system service that failed
rtncode return code from the service in hexadecimal
rsncode reason code from the service in hexadecimal

Refer to the information for the identified service to determine the source of the error. For example, if the service name begins with BPX, refer to *z/OS UNIX System Services Messages and Codes*. If the service name begins with CSN, refer to *z/OS Cryptographic Services ICSF Application Programmer's Guide*. If the service name begins with IGG, refer to *z/OS DFSMS Managing Catalogs*.

System action: Subsequent messages indicate SMP/E's action.

Programmer response: If the failing service is BPX1WRT, it is possible an out of space condition occurred for a file in a UNIX file system. SMP/E creates large temporary files and by default stores them in the following directories, depending on the command or service being used:

- APPLY and ACCEPT command - /tmp system directory
- GIMZIP and GIMUNZIP - the SMPDIR directory
- RECEIVE command - the package directory of the SMPNTS directory

If any of these default directories is out of space, you can specify an SMPWKDIR DD statement or DDDEF entry to identify a directory in a UNIX file system to be used to store temporary files.

Correct the error and rerun the command.

GIM43500S THE CALL TO THE *service* SERVICE FAILED. THE RETURN CODE WAS 'rtncode'X AND THE REASON CODE WAS 'rsncode'X.

Explanation:

service name of service that failed
rtncode return code from service in hexadecimal
rsncode reason code from service in hexadecimal

Refer to the information for the identified service to determine the source of the error. For example, if the service name begins with BPX, refer to *z/OS UNIX System Services Messages and Codes*. If the service name begins with CSN, refer to *z/OS Cryptographic Services ICSF Application Programmer's Guide*. If the service name begins with IGG, refer to *z/OS DFSMS Managing Catalogs*.

System action: Subsequent messages indicate SMP/E's action.

Programmer response: If the failing service is BPX1WRT, it is possible an out of space condition occurred for a file in a UNIX file system. SMP/E creates large temporary files and by default stores them in the following directories depending on the command or service being used:

- APPLY and ACCEPT command - /tmp system directory
- GIMZIP and GIMUNZIP - the SMPDIR directory
- RECEIVE command - the package directory of the SMPNTS directory

If any of these default directories is out of space, you can specify an SMPWKDIR DD statement or DDDEF entry to identify a directory in a UNIX file system to be used to store temporary files.

GIM43500W THE CALL TO THE *service* SERVICE FAILED. THE RETURN CODE WAS '*rtncode*'X AND THE REASON CODE WAS '*rsncode*'X.

Explanation:

service name of service that failed
rtncode return code from service in hexadecimal
rsncode reason code from service in hexadecimal

The identified USS (UNIX System Service) service, ICSF (Integrated Cryptographic Service Facility) service, IGGCSI00 (Catalog Search Interface) service, or other service returned to SMP/E with an error.

System action: Command processing continues.

Programmer response: Refer to the information for the identified service to determine the source of the error. For example, if the service name begins with BPX, refer to *z/OS UNIX System Services Messages and Codes*. If the service name begins with CSN, refer to *z/OS Cryptographic Services ICSF Application Programmer's Guide*. If the service name begins with IGG, refer to *z/OS DFSMS Managing Catalogs*. Correct the error, if necessary, and rerun the command.

GIM43501E THE CALL TO THE *service* SERVICE FAILED WHEN PROCESSING *name*. THE RETURN CODE WAS '*rtncode*'X AND THE REASON CODE WAS '*rsncode*'X.

Explanation:

service system service that failed
name name of the item being processed by the failing service
rtncode return code from the service in hexadecimal
rsncode reason code from the service in hexadecimal

Refer to the information for the identified service to determine the source of the error. For example, if the service name begins with BPX, refer to *z/OS UNIX System Services Messages and Codes*. If the service name begins with CSN, refer to *z/OS Cryptographic Services ICSF Application Programmer's Guide*. If the service name begins with IGG, refer to *z/OS DFSMS Managing Catalogs*.

System action: Subsequent messages indicate SMP/E's actions.

Programmer response: If the failing service is BPX1WRT, it is possible an out of space condition occurred for a file in a UNIX file system. SMP/E creates large temporary files and by default stores them in the following directories depending on the command or service being used:

- APPLY and ACCEPT command - /tmp system directory
- GIMZIP and GIMUNZIP - the SMPDIR directory
- RECEIVE command - the package directory of the SMPNTS directory

If any of these default directories is out of space, you can specify an SMPWKDIR DD statement or DDDEF entry to identify a directory in a UNIX file system to be used to store temporary files.

Correct the error and rerun the command.

GIM43501I WRITE PROCESSING FAILED FOR *pathname*.

Explanation:

pathname
 absolute path name for the directory or file

An error occurred while processing the indicated directory or file in a UNIX file system.

System action: Subsequent messages indicate SMP/E's actions.

Programmer response: Check previous SMP/E messages to determine the cause for the error. Fix the error and rerun the job. If the previous messages indicate an out of space condition occurred, you can specify an SMPWKDIR DD statement (or DDDEF entry) to identify a directory in a UNIX file system to be used to store temporary files.

GIM43501S THE CALL TO THE *service* SERVICE FAILED WHEN PROCESSING *name*. THE RETURN CODE WAS '*rtncode*'X AND THE REASON CODE WAS '*rsncode*'X.

Explanation:

service system service that failed
name name of the item being processed by the failing service
rtncode return code from the service in hexadecimal
rsncode reason code from the service in hexadecimal

Refer to the information for the identified service to determine the source of the error. For example, if the service name begins with BPX, refer to *z/OS UNIX System Services Messages and Codes*. If the service name begins with CSN, refer to *z/OS Cryptographic Services ICSF Application Programmer's Guide*. If the service name begins with IGG, refer to *z/OS DFSMS Managing Catalogs*.

System action: Subsequent messages indicate SMP/E's actions.

Programmer response: If the failing service is BPX1WRT, it is possible an out of space condition occurred for a file in a UNIX file system. SMP/E creates large temporary files and by default stores them in the following directories depending on the command or service being used:

- APPLY and ACCEPT command - /tmp system directory
- GIMZIP and GIMUNZIP - the SMPDIR directory
- RECEIVE command - the package directory of the SMPNTS directory

If any of these default directories is out of space, you can specify an SMPWKDIR DD statement or DDDEF entry to identify a directory in a UNIX file system to be used to store temporary files.

Correct the error and rerun the command.

GIM43501W THE CALL TO THE *service* SERVICE FAILED WHEN PROCESSING *name*. THE RETURN CODE WAS '*rtncode*'X AND THE REASON CODE WAS '*rsncode*'X.

Explanation:

service system service that failed
name name of the item being processed by the failing service
rtncode return code from the service in hexadecimal
rsncode reason code from the service in hexadecimal

The identified USS (UNIX System Service) service, ICSF (Integrated Cryptographic Service Facility) service, IGGCSI00 (Catalog Search Interface) service, or other service returned to SMP/E with an error.

System action: Command processing continues.

Programmer response: Refer to the information for the identified service to determine the source of the error. For example, if the service name begins with BPX, refer to *z/OS UNIX System Services Messages and Codes*. If the service name begins with CSN, refer to *z/OS Cryptographic Services ICSF Application Programmer's Guide*. If the service name begins with IGG, refer to *z/OS DFSMS Managing Catalogs*. Correct the error, if necessary, and rerun the command.

GIM43502E An attempt to access the catalog entry for data set *dataset* failed. The return code was *catrc* and the reason code was *catrsn*.

Explanation:

dataset name of the data set being processed
catrc catalog or data entry return code (Value of CSICRETC or CSIERETC)
catrsn catalog or data entry reason code (Value of CSICRETR or CSIERETR)

An attempt to access the catalog for the indicated data set failed. The return code from the invocation of the Catalog Search Interface service (IGGCSI00) was 4. The Catalog Management return code was 100 and the Catalog Management reason code was either a 4 indicating an error in the data entry in the catalog, or an 8 indicating an error in the catalog entry in the catalog. In either case, *catrc* and *catrsn* are the return code and reason code from the entry in error. See "Catalog Search Interface User's Guide" in *z/OS DFSMS Managing Catalogs* for more details on the return code structure from the Catalog Search Interface.

System action: When issued from z/OSMF, the specified data set will be flagged in error. The application will continue to collect information about the software instance to be deployed, but the identified data set will not be included in subsequent processing and deployment will not occur until this error is resolved. For all other applications, processing stops.

Programmer response: For a description of the particular entry return code and reason code, see message IDC3009I in *z/OS MVS System Messages, Vol 6 (GOS-IEA)*. Fix the catalog error and rerun the job or application.

GIM43502S An attempt to access the catalog entry for data set *dataset* failed. The return code was *catrc* and the reason code was *catrsn*.

Explanation:

dataset name of the data set being processed
catrc catalog or data entry return code (Value of CSICRETC or CSIERETC)
catrsn catalog or data entry reason code (Value of CSICRETR or CSIERETR)

An attempt to access the catalog for the indicated data set failed. The return code from the invocation of the Catalog Search Interface service (IGGCSI00) was 4. The Catalog Management return code was 100 and the Catalog Management reason code was either a 4 indicating an error in the data entry in the catalog, or an 8 indicating an error in the catalog entry in the catalog. In either case, *catrc* and *catrsn* are the return code and reason code from the entry in error. See "Catalog Search Interface User's Guide" in *z/OS DFSMS Managing Catalogs* for more details on the return code structure from the Catalog Search Interface.

System action: When issued from z/OSMF, the specified data set will be flagged in error. The application will continue to collect information about the software instance to be deployed, but the identified data set will not be included in subsequent processing and deployment will not occur until this error is resolved. For all other applications, processing stops.

Programmer response: For a description of the particular entry return code and reason code, see message IDC3009I in *z/OS MVS System Messages, Vol 6 (GOS-IEA)*. Fix the catalog error and rerun the job or application.

GIM43503E An attempt to access the catalog entry for data set *dataset* failed. There is not enough storage for the Catalog Search Interface to complete the request.

Explanation:

dataset name of the data set being processed

An attempt to access the catalog for the indicated data set failed because there is not enough storage to complete processing. The return code from the invocation of the Catalog Search Interface service (IGGCSI00) was 8. The Catalog Management return code was 8 and the Catalog Management reason code was 01 indicating insufficient storage. See "Catalog Search Interface User's Guide" in *z/OS DFSMS Managing Catalogs* for more details on the return code structure from the Catalog Search Interface.

System action: When issued from z/OSMF, the specified data set will be flagged in error. The application will continue to collect information about the software instance to be deployed, but the identified data set will not be included in subsequent processing and deployment will not occur until this error is resolved. For all other applications, processing stops.

Programmer response: Increase the amount of storage available to the application or job (region size). Then rerun the job or application.

GIM43503S An attempt to access the catalog entry for data set *dataset* failed. There is not enough storage for the Catalog Search Interface to complete the request.

Explanation:

dataset name of the data set being processed

An attempt to access the catalog for the indicated data set failed because there is not enough storage to complete processing. The return code from the invocation of the Catalog Search Interface service (IGGCSI00) was 8. The Catalog Management return code was 8 and the Catalog Management reason code was 01 indicating insufficient storage. See "Catalog Search Interface User's Guide" in *z/OS DFSMS Managing Catalogs* for more details on the return code structure from the Catalog Search Interface.

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System action: When issued from z/OSMF, the specified data set will be flagged in error. The application will continue to collect information about the software instance to be deployed, but the identified data set will not be included in subsequent processing and deployment will not occur until this error is resolved. For all other applications, processing stops.

Programmer response: Increase the amount of storage available to the application or job (region size). Then rerun the job or application.

GIM43504E An unusual condition occurred when attempting to access the catalog entry for data set *dataset*. The return code from the Catalog Search Interface was *svcrc*. The catalog return code was *catrc* and the catalog reason code was *catrsn*.

Explanation:

dataset name of the data set being processed
svcrc return code from the Catalog Search Interface service
catrc Catalog Management return code
catrsn Catalog Management reason code

An attempt to access the catalog for the indicated data set failed. The parameters passed to the Catalog Search Interface service (IGGCSI00) were incorrect or missing. The return code from the invocation of the Catalog Search Interface service was *svcrc*. The Catalog Management return code was *catrc* and the Catalog Management reason code was *catrsn*. See "Catalog Search Interface User's Guide" in *z/OS DFSMS Managing Catalogs* for more details on the return code structure from the Catalog Search Interface.

System action: When issued from z/OSMF, the specified data set will be flagged in error. The application will continue to collect information about the software instance to be deployed, but the identified data set will not be included in subsequent processing and deployment will not occur until this error is resolved. For all other applications, processing stops.

Programmer response: If multilevel catalog aliases have been defined, ensure that multilevel access facility is enabled. If it is enabled and the error persists, contact the SMP/E support center and provide the return code and reason code information found in the message. Information pertaining to the error condition can be found in the "Catalog Search Interface User's Guide" in *z/OS DFSMS Managing Catalogs*.

GIM43504S An unusual condition occurred when attempting to access the catalog entry for data set *dataset*. The return code from the Catalog Search Interface was *svcrc*. The catalog return code was *catrc* and the catalog reason code was *catrsn*.

Explanation:

dataset name of the data set being processed
svcrc return code from the Catalog Search Interface service
catrc Catalog Management return code
catrsn Catalog Management reason code

An attempt to access the catalog for the indicated data set failed. The parameters passed to the Catalog Search Interface service (IGGCSI00) were incorrect or missing. The return code from the invocation of the Catalog Search Interface service was *svcrc*. The Catalog Management return code was *catrc* and the Catalog Management reason code was *catrsn*. See "Catalog Search Interface User's Guide" in *z/OS DFSMS Managing Catalogs* for more details on the return code structure from the Catalog Search Interface.

System action: When issued from z/OSMF, the specified data set will be flagged in error. The application will continue to collect information about the software instance to be deployed, but the identified data set will not be included in subsequent processing and deployment will not occur until this error is resolved. For all other applications, processing stops.

Programmer response: If multilevel catalog aliases have been defined, ensure that multilevel access facility is enabled. If it is enabled and the error persists, contact the SMP/E support center and provide the return code and reason code information found in the message. Information pertaining to the error condition can be found in the "Catalog Search Interface User's Guide" in *z/OS DFSMS Managing Catalogs*.

GIM43601E THE VERNUM IN THE UCLIN CHANGES MUST MATCH THE EXISTING VERNUM VALUE IN THE SYSMOD ENTRY.

Explanation: The VERNUM operand was specified on a UCL statement, but the resulting update would have caused the SYSMOD to have subentries with different VERNUM values.

System action: The requested UCLIN changes are not made.

Programmer response: Do the following:

1. Check the existing subentries in the SYSMOD for their VERNUM values.
2. Do **one** of the following:
 - Specify the existing VERNUM values and rerun the UCLIN.
 - Replace all existing subentries that require the VERNUM value.

GIM43701T ESTAE ERROR RECOVERY PROCESSING FAILED WITH A RETURN CODE OF *rtncode*.

Explanation:

rtncode return code

An error occurred during ESTAE processing.

System action: System processing stops.

Programmer response: For more information about the ESTAE return code, see *z/OS MVS Programming: Assembler Services Reference ABE-HSP*.

GIM43801T SMP/E COULD NOT INITIALIZE ITS UTILITY INTERFACE. THE REASON CODE WAS *rsncode*.

Explanation:

rsncode two-digit reason code that shows why SMP/E could not initialize the utility interface

SMP/E could not initialize the SMP/E subtask that interfaces with utility programs. This is the reason code that was issued:

- 04** Subtask initialization failed because SMP/E was running on a non-MVS system.

System action: SMP/E processing stops.

Programmer response: Make sure that SMP/E is installed and running on an OS/390 or MVS system. Then rerun the job.

GIM43802T SMP/E COULD NOT INITIALIZE ITS UTILITY INTERFACE. THE REASON CODE WAS *rsncode*. THE RETURN CODE WAS *rtncode*.

Explanation:

rsncode two-digit reason code that shows why SMP/E could not initialize the subtask

rtncode two-digit return code associated with the reason codes

SMP/E could not initialize the SMP/E subtask that interfaces with utility programs. These are the reason codes that may be issued:

- 01** IDENTIFY processing for the entry point of the subtask program issued a return code greater than 4. The return code given with this reason code is the return code from IDENTIFY. For an explanation of the IDENTIFY return codes, see *z/OS MVS Programming: Assembler Services Reference ABE-HSP*.
- 02** ATTACH processing for the subtask issued a nonzero return code. The return code given with this reason code is from ATTACH. For an explanation of the ATTACH return codes, see *z/OS MVS Programming: Assembler Services Reference ABE-HSP*.
- 03** Subtask initialization failed because the subtask could not establish its ESTAE coverage. The return code given with this reason code is from ESTAE. For an explanation of the ESTAE return codes, see *z/OS MVS Programming: Assembler Services Reference ABE-HSP*.

System action: SMP/E processing stops.

Programmer response: Fix the error and rerun the job.

GIM43901S RETRY PROCESSING FAILED FOR THE *library* LIBRARY.

Explanation:

library ddname of the library or the ddname/generated-ddname used during the cross-zone phase of APPLY or RESTORE processing

SMP/E attempted retry processing after a B37-04, D37-04, or E37-04 abend for a library being processed by a utility. An error occurred, and the retry failed.

System action: Command processing stops.

Programmer response: Increase the size of the library being processed and rerun the job.

GIM43901T RETRY PROCESSING FAILED FOR THE *library* LIBRARY.

Explanation:

library ddname of the library or the ddname/generated-ddname used during the cross-zone phase of APPLY or RESTORE processing

SMP/E attempted retry processing after a B37-04, D37-04, or E37-04 abend for a library being processed by a utility. An error occurred, and the retry failed.

System action: SMP/E processing stops.

Programmer response: Increase the size of the library being processed and rerun the job.

GIM43903I RETRY PROCESSING WILL BE ATTEMPTED FOR THE *library* LIBRARY.

Explanation:

library ddname of the library or the ddname/generated-ddname used during the cross-zone phase of APPLY or RESTORE processing

Because a D37-04 or E37-04 abend occurred for a library being processed by a utility, SMP/E attempts retry processing.

System action: SMP/E processing continues.

Programmer response: None.

GIM43904I SMP/E WILL DEBATCH UPDATES AND PROCESS MEMBERS ONE AT A TIME FOR THE *library* LIBRARY.

Explanation:

library ddname of the library or the ddname/generated-ddname used during the cross-zone phase of APPLY or RESTORE processing

A second x37 abend has occurred for the indicated library during retry processing. Because multiple members were being updated, SMP/E now attempts to update each member individually in an effort to get all updates into the space-constrained library.

System action: SMP/E processing continues.

Programmer response: None.

GIM43905I A POSSIBLE STORAGE SHORTAGE HAS OCCURRED FOR A LINK-EDIT SUBTASK. SMP/E WILL FREE AS MUCH STORAGE AS POSSIBLE AND RETRY THE FAILING SUBTASK FOR THE *library* LIBRARY.

Explanation:

library ddname of the library for APPLY or RESTORE processing

The link-edit utility has ended with a return code of 16 while processing against the indicated library. Because SMP/E is currently multitasking link-edit invocations, the return code 16 is likely caused by a storage shortage.

SMP/E frees up as much storage as possible by allowing all other link-edit subtasks to complete. Then SMP/E retries the batch of link-edits that failed with a return code 16.

System action: SMP/E processing continues.

Programmer response: None.

GIM44001I SYSTEM ABEND *abncode* OCCURRED WITH A REASON CODE OF *rsncode* AFTER SMP/E CALLED THE *utility* UTILITY. THE *library* LIBRARY RAN OUT OF SPACE.

Explanation:

abncode abend code

rsncode abend reason code

utility name of the load module for the utility

library ddname of the library or the ddname/generated-ddname used during the cross-zone phase of APPLY or RESTORE processing

The indicated library ran out of space when it was being processed by the utility. The library is eligible for retry processing.

System action: Retry processing is done.

Programmer response: Your action depends on the success or failure of retry processing.

GIM44002S SYSTEM ABEND *abncode* OCCURRED WITH A REASON CODE OF *rsncode* AFTER SMP/E CALLED THE *utility* UTILITY TO PROCESS THE *library* LIBRARY.

Explanation:

abncode abend code

rsncode abend reason code

utility name of the load module for the utility

library ddname of the library or the ddname/generated-ddname used during the cross-zone phase of APPLY or RESTORE processing

The system abend occurred when the indicated library was being processed by the utility.

System action: Command processing stops.

Programmer response: Your action depends on the system abend that occurred.

GIM44003S USER ABEND *abncode* OCCURRED WITH A REASON CODE OF *rsncode* AFTER SMP/E CALLED THE *utility* UTILITY TO PROCESS THE *library* LIBRARY.

Explanation:

abncode abend code

rsncode abend reason code

utility name of the load module for the utility

library ddname of the library or the ddname/generated-ddname used during the cross-zone phase of APPLY or RESTORE processing

The user abend occurred when the indicated library was being processed by the utility.

System action: Command processing stops.

Programmer response: Your action depends on the user abend that occurred.

GIM44004S SYSTEM ABEND *abncode* OCCURRED WITH A REASON CODE OF *rsncode* AFTER SMP/E CALLED THE *utility* UTILITY. THE *library* LIBRARY RAN OUT OF SPACE. THE LIBRARY IS NOT ELIGIBLE FOR RETRY PROCESSING BECAUSE IT IS NOT THE LIBRARY BEING UPDATED BY SMP/E.

Explanation:

abncode abend code

rsncode abend reason code

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utility name of the load module for the utility

library ddname of the library

The indicated library ran out of space during the utility invocation. The library is not eligible for retry processing, because it is not the library being updated by SMP/E.

System action: Command processing stops.

Programmer response: Increase the size of the library being processed, and rerun the job.

GIM44005S SYSTEM ABEND *abncode* OCCURRED AFTER SMP/E CALLED THE *utility* UTILITY TO PROCESS THE *library* LIBRARY. NO SYSTEM DIAGNOSTIC WORK AREA (SDWA) WAS PROVIDED TO THE ESTAE ROUTINE.

Explanation:

abncode abend code

utility name of the load module for the utility

library ddname of the library or the ddname/generated-ddname used during the cross-zone phase of APPLY or RESTORE processing

The system abend occurred when the indicated library was being processed by the utility.

System action: Command processing stops.

Programmer response: Your action depends on the system abend that occurred.

GIM44006S SYSTEM ABEND *abncode* OCCURRED WITH A REASON CODE OF *rsncode* AFTER SMP/E CALLED THE *utility* UTILITY TO PROCESS THE *library* LIBRARY. THE *library* LIBRARY RAN OUT OF SPACE. THE RETRY EXIT ROUTINE CANCELED RETRY PROCESSING.

Explanation:

abncode abend code

rsncode abend reason code

utility name of the load module for the utility

library ddname of the library or the ddname/generated-ddname used during the cross-zone phase of APPLY or RESTORE processing

The indicated library ran out of space when it was being processed by the utility. The retry exit routine canceled retry processing for the library.

System action: Command processing stops.

Programmer response: Determine why the exit routine ended the request. Increase the size of the library being processed, and rerun the job.

GIM44006T SYSTEM ABEND *abncode* OCCURRED WITH A REASON CODE OF *rsncode* AFTER SMP/E CALLED THE *utility* UTILITY TO PROCESS THE *library* LIBRARY. THE *library* LIBRARY RAN OUT OF SPACE. THE RETRY EXIT ROUTINE CANCELED RETRY PROCESSING.

Explanation:

abncode abend code

rsncode abend reason code

utility name of the load module for the utility

library ddname of the library or the ddname/generated-ddname used during the cross-zone phase of APPLY or RESTORE processing

The indicated library ran out of space when it was being processed by the utility. The retry exit routine canceled retry processing for the library.

System action: SMP/E processing stops.

Programmer response: Determine why the exit routine ended the request. Increase the size of the library being processed, and rerun the job.

GIM44007E SYSTEM ABEND *abncode* OCCURRED WITH A REASON CODE OF *rsncode* AFTER SMP/E CALLED THE *utility* UTILITY. THE *library* LIBRARY RAN OUT OF SPACE. THE LIBRARY IS NOT ELIGIBLE FOR RETRY PROCESSING BECAUSE IT WAS NOT SPECIFIED IN THE RETRYDDN LIST.

Explanation:

abncode abend code
rsncode abend reason code
utility name of the load module for the utility
library ddname of the library or the ddname/generated-ddname used during the cross-zone phase of APPLY or RESTORE processing

The indicated library ran out of space when it was being processed by the utility. The library is not eligible for retry processing because it was not in the RETRYDDN list explicitly or by default if ALL was specified.

System action: The elements being processed are failed and the SYSMODs that supplied them are failed.

Programmer response: Increase the size of the library being processed, and rerun the job.

GIM44007I SYSTEM ABEND *abncode* OCCURRED WITH A REASON CODE OF *rsncode* AFTER SMP/E CALLED THE *utility* UTILITY. THE *library* LIBRARY RAN OUT OF SPACE. THE LIBRARY IS NOT ELIGIBLE FOR RETRY PROCESSING BECAUSE IT WAS NOT SPECIFIED IN THE RETRYDDN LIST.

Explanation:

abncode abend code
rsncode abend reason code
utility name of the load module for the utility
library ddname of the library or the ddname/generated-ddname used during the cross-zone phase of APPLY or RESTORE processing

The indicated library ran out of space when it was being processed by the utility. The library is not eligible for retry processing because it was not in the RETRYDDN list explicitly or by default if ALL was specified.

System action: A subsequent message identifies the system action.

Programmer response: Increase the size of the library being processed, and rerun the job if necessary.

GIM44008E SYSTEM ABEND *abncode* OCCURRED WITH A REASON CODE OF *rsncode* AFTER SMP/E CALLED THE *utility* UTILITY. THE *library* LIBRARY RAN OUT OF SPACE. THE LIBRARY IS NOT ELIGIBLE FOR RETRY PROCESSING BECAUSE IT WAS EXCLUDED VIA THE EXRTYDD LIST.

Explanation:

abncode abend code
rsncode abend reason code
utility name of the load module for the utility
library ddname of the library or the ddname/generated-ddname used during the cross-zone phase of APPLY or RESTORE processing

The indicated library ran out of space when it was being processed by the utility. The library is not eligible for retry processing because it was explicit excluded by the EXRTYDD list in the OPTIONS entry that was in effect.

System action: The elements being processed are failed and the SYSMODs that supplied them are failed.

Programmer response: Increase the size of the library being processed and rerun the job.

GIM44008I SYSTEM ABEND *abncode* OCCURRED WITH A REASON CODE OF *rsncode* AFTER SMP/E CALLED THE *utility* UTILITY. THE *library* LIBRARY RAN OUT OF SPACE. THE LIBRARY IS NOT ELIGIBLE FOR RETRY PROCESSING BECAUSE IT WAS EXCLUDED VIA THE EXRTYDD LIST.

Explanation:

abncode abend code
rsncode abend reason code

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utility name of the load module for the utility
library ddname of the library or the ddname/generated-ddname used during the cross-zone phase of APPLY or RESTORE processing

The indicated library ran out of space when it was being processed by the utility. The library is not eligible for retry processing because it was explicitly excluded by the EXRTYDD list in the OPTIONS entry that was in effect.

System action: A subsequent message identifies the system action

Programmer response: Increase the size of the library being processed, and rerun the job if necessary.

GIM44009E SYSTEM ABEND *abncode* OCCURRED WITH A REASON CODE OF *rsncode* AFTER SMP/E CALLED THE *utility* UTILITY. THE *library* LIBRARY RAN OUT OF SPACE. THE LIBRARY IS NOT ELIGIBLE FOR RETRY PROCESSING BECAUSE RETRY(NO) WAS SPECIFIED ON THE *command* COMMAND.

Explanation:

abncode abend code
rsncode abend reason code
utility name of the load module for the utility
library ddname of the library
command
SMP/E command

The indicated library ran out of space when it was being processed by the utility. The library is not eligible for retry processing because RETRY(NO) was specified on the current command.

System action: The elements being processed are failed and the SYSMODs that supplied them are failed.

Programmer response: Increase the size of the library being processed and rerun the job.

GIM44010S SYSTEM ABEND *abncode* OCCURRED WITH A REASON CODE OF *rsncode* AFTER SMP/E INVOKED SHELL SCRIPT *shellscr* TO PROCESS *elmttype* *elmname*.

Explanation:

abncode abend code
rsncode abend reason code
shellscr shell script name
elmttype element type
elmname
element name

The system abend occurred when the indicated element was being processed by the shell script.

System action: Command processing stops.

Programmer response: Your action depends on the system abend that occurred.

GIM44012E SYSTEM ABEND *abncode* OCCURRED WITH A REASON CODE OF *rsncode* AFTER SMP/E CALLED THE *utility* UTILITY. THE SMPTLOAD LIBRARY RAN OUT OF SPACE. THE LIBRARY IS NOT ELIGIBLE FOR RETRY PROCESSING BECAUSE IT WAS ALLOCATED AS NEW AND THERE IS NO UNUSED SPACE TO BE REGAINED BY COMPRESSING THE LIBRARY.

Explanation:

abncode abend code
rsncode abend reason code
utility name of the load module for the utility

The SMPTLOAD library ran out of space when it was being processed by the utility. The library is not eligible for retry processing because it was allocated as new and there is no unused space in the library that can be regained by compressing it.

System action: Both the element being processed and the SYSMOD supplying the element are failed.

Programmer response: Change the SMPTLOAD DDDEF so that more space is allocated and rerun the job.

GIM44013I SYSTEM ABEND *abncode* OCCURRED WITH A REASON CODE OF *rsncode* AFTER SMP/E CALLED THE *utility* UTILITY. THE *library* LIBRARY RAN OUT OF SPACE. THE LIBRARY IS NOT ELIGIBLE FOR RETRY PROCESSING BECAUSE IT IS A PDSE.

Explanation:

abncode abend code

rsncode abend reason code

utility name of the load module for the utility

library ddname of the library or the ddname/generated-ddname used during the cross-zone phase of APPLY or RESTORE processing

The indicated library ran out of space when it was being processed by the utility. The library is not eligible for retry processing because it is a PDSE. No space can be reclaimed by compressing a library that is a PDSE.

System action: A subsequent message identifies the system action

Programmer response: Increase the size of the library being processed, and rerun the job if necessary.

GIM44014I SYSTEM ABEND *abncode* OCCURRED WITH A REASON CODE OF *rsncode* AFTER SMP/E CALLED THE *utility* UTILITY. THE *library* LIBRARY RAN OUT OF SPACE. THE LIBRARY IS NOT ELIGIBLE FOR RETRY PROCESSING BECAUSE IT IS A DIRECTORY IN THE FILE SYSTEM.

Explanation:

abncode abend code

rsncode abend reason code

utility name of the load module for the utility

library ddname of the library or the ddname/generated-ddname used during the cross-zone phase of APPLY or RESTORE processing

The indicated library ran out of space when it was being processed by the utility. The library is not eligible for retry processing because it is a directory in the file system. Directories cannot be compressed.

System action: A subsequent message identifies the system action

Programmer response: Increase the size of the library being processed, and rerun the job if necessary.

GIM44015S SYSTEM ABEND *abncode* OCCURRED AFTER SMP/E CALLED THE *utility* UTILITY TO PROCESS THE *library* LIBRARY.

Explanation:

abncode abend code

utility name of the load module for the utility

library ddname of the library or the ddname/generated-ddname used during the cross-zone phase of APPLY or RESTORE processing

The system abend occurred when the indicated library was being processed by the utility.

System action: Command processing stops.

Programmer response: Your action depends on the system abend that occurred.

GIM44016S USER ABEND *abncode* OCCURRED AFTER SMP/E CALLED THE *utility* UTILITY TO PROCESS THE *library* LIBRARY.

Explanation:

abncode abend code

utility name of the load module for the utility

library ddname of the library or the ddname/generated-ddname used during the cross-zone phase of APPLY or RESTORE processing.

The user abend occurred when the indicated library was being processed by the utility.

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System action: Command processing stops.

Programmer response: Your action depends on the user abend that occurred.

GIM44017S SYSTEM ABEND *abncode* OCCURRED AFTER SMP/E INVOKED SHELL SCRIPT *shellscr* TO PROCESS *elmttype elmname*.

Explanation:

abncode abend code

shellscr shell script name

elmttype element type

elmname
element name

The system abend occurred when the indicated element was being processed by the shell script.

System action: Command processing stops.

Programmer response: Your action depends on the system abend that occurred.

GIM44101E SYSMOD *sysmod* DOES NOT SUPERSEDE UMID *umid* FOR *elmttype elmname*.

Explanation:

sysmod SYSMOD ID

umid UMID specified on the element MCS

elmttype element type

elmname
element name

The indicated SYSMOD specified a UMID on an element MCS but did not include that UMID on the ++VER SUP operand. The UMID operand on the element MCS indicates that the SYSMOD includes the changes made by the UMID SYSMOD. If that is the case, such as for a service-updated function, the UMID value should also be specified on the ++VER SUP operand.

System action: SYSMOD processing stops.

Programmer response: If the SYSMOD includes the update identified by the UMID on the element MCS, specify the UMID on the SYSMOD's ++VER SUP operand. Then rerun the job.

GIM44201I GIMMPVIA - AN ATTEMPT IS BEING MADE TO UPDATE A ZONE THAT IS OPEN FOR READ ONLY.

System action: See previous related messages.

Programmer response: See previous related messages. If necessary, contact the IBM Support Center.

GIM44202I GIMMPVIA - THE REQUIRED VPL CONNECTION FOR THIS FUNCTION IS NOT AVAILABLE.

System action: See previous related messages.

Programmer response: See previous related messages. If necessary, contact the IBM Support Center.

GIM44203I GIMMPVIA - A RECORD LENGTH OF ZERO OCCURRED WITH AN ADD OR UPDATE FUNCTION.

System action: See previous related messages.

Programmer response: See previous related messages. If necessary, contact the IBM Support Center.

GIM44204I GIMMPVIA - NO BUFFER IS AVAILABLE FOR A VPL FUNCTION THAT REQUIRES ONE.

System action: See previous related messages.

Programmer response: See previous related messages. If necessary, contact the IBM Support Center.

GIM44205I GIMMPVIA - NO KEYLENGTH IS SUPPLIED FOR A VPL FUNCTION THAT REQUIRES ONE.

System action: See previous related messages.

Programmer response: See previous related messages. If necessary, contact the IBM Support Center.

GIM44207I GIMMPVIA - AN UNRECOGNIZABLE VSAM I/O FUNCTION WAS ATTEMPTED.

System action: See previous related messages.

Programmer response: See previous related messages. If necessary, contact the IBM Support Center.

GIM44208I GIMMPVIA - A SHOWCB MACRO FAILED, EITHER FOR FEEDBACK CODE AFTER A FAILED I/O REQUEST, OR FOR LENGTH AFTER A SUCCESSFUL GET.

System action: See previous related messages.

Programmer response: See previous related messages. If necessary, contact the IBM Support Center.

GIM44209I GIMMPVIA - THE KEYLENGTH SUPPLIED IS GREATER THAN THE MAXIMUM ALLOWED.

System action: See previous related messages.

Programmer response: Make sure a valid KEYLENGTH value was used to define the CSI being accessed.

GIM44210I GIMMPVIA - A SEQUENCING ERROR OCCURRED UPDATING A VSAM RECORD.

System action: See previous related messages.

Programmer response: See previous related messages. If necessary, contact the IBM Support Center.

GIM44211I GIMMPVIA - A SEQUENCING ERROR OCCURRED DELETING A VSAM RECORD.

System action: See previous related messages.

Programmer response: See previous related messages. If necessary, contact the IBM Support Center.

GIM44212T GIMMPMRM - IOPTYPE *ioptype* IS NOT A MAP/REMAPPABLE ENTRY TYPE.

Explanation:

ioptype the TYPE field of the GIMMPIO parameter list

System action: See previous related messages.

Programmer response: See previous related messages.

GIM44213T GIMMPMRM - THIS UNKNOWN IOPTYPE IS NOT MAP/REMAPPABLE.

System action: See previous related messages.

Programmer response: See previous related messages.

GIM44214I GIMMPMRM - THE IOPDSID IS UNKNOWN.

System action: See previous related messages.

Programmer response: See previous related messages.

GIM44215I GIMMPMRM - IOPFUNCT *iopfunct* IS NOT SUPPORTED.

Explanation:

iopfunct the FUNCTION field of the GIMMPIO parameter list

System action: See previous related messages.

Programmer response: See previous related messages.

GIM44216I GIMMPMRM - THE IOPFUNCT IS UNKNOWN.

System action: See previous related messages.

Programmer response: See previous related messages.

GIM44217I GIMMPMRM - *modname* + ' *offset* ' CALLED GIMMPIO FOR *iopfunct* FOR *ioptype* *iopname*.

Explanation:

modname

name of the module that called GIMMPIO

offset the hexadecimal offset into that module

iopfunct IOPFUNCT value (such as BLDL, OPEN, READ)

ioptype IOPTYPE value (such as ASM, DLB, MOD)

iopname IOPNAME (element name or PTF number)

System action: See previous related messages.

Programmer response: See previous related messages.

GIM44218T GIMMPMRM - NO VPLMSGP ERROR TEXT WAS RETURNED FROM GIMMPVIA.

System action: See previous related messages.

Programmer response: See previous related messages.

GIM44220T GIMMPMRM - THERE IS AN ERROR IN THE IOPTYPE VALUE PASSED TO GIMADTBL.

System action: See previous related messages.

Programmer response: See previous related messages.

GIM44221E GIMMPMRM - A DUPLICATE RECORD WAS DETECTED WHILE TRYING TO ADD TO THE *zonename* ZONE.

Explanation:

zonename

zone name from the SET command

System action: See previous related messages.

Programmer response: See previous related messages.

GIM44222I GIMMPVIA - THE FUNCTION REQUESTED (VPLFUNCT) IS NOT SUPPORTED.

System action: See previous related messages.

Programmer response: See previous related messages. If necessary, contact the IBM Support Center.

GIM44223I GIMMPVIA - THE VSAM ACCESS ID (VPLACID) IS INVALID.

System action: See previous related messages.

Programmer response: See previous related messages. If necessary, contact the IBM Support Center.

If you are running the REJECT command, this message usually indicates that you have more than 255 SMPCSI data sets to be opened to process all the target and dlib zones. You can have 255 or fewer SMPCSI data sets open for

processing at once. Depending on the mode of the REJECT command, limit your number of target and dlib zones to be opened by using the following REJECT command operands:

- Mass mode: EXCLUDEZONE operand
- Select mode: BYPASS(APPLYCHECK | ACCEPTCHECK) and EXCLUDEZONE operands
- Purge mode: PURGE and TARGETZONE operands

GIM44224I GIMMPVIA - THE CLUSTER IS NOT OPEN. ACCESS IS DENIED.

System action: See previous related messages.

Programmer response: See previous related messages. If necessary, contact the IBM Support Center.

GIM44225I GIMMPVIA - VSAM DATA SET *dataset* IS OUT OF SPACE.

Explanation:

dataset CSI data set name

System action: See previous related messages.

Programmer response: See previous related messages. If necessary, contact the IBM Support Center.

GIM44227I GIMMPVIA - THE ZONE CANNOT BE OPENED. THE ZONE NAME (VPLZNAME) FOR THE SMPCSI MUST BE SMPCSI OR GLOBAL.

System action: See previous related messages.

Programmer response: Make sure the correct CSI data set was specified.

GIM44228I GIMMPVIA - THE *zonename* ZONE WAS ALREADY OPEN.

Explanation:

zonename

name of zone to be opened

System action: See previous related messages.

Programmer response: See previous related messages. If necessary, contact the IBM Support Center.

GIM44229I GIMMPVIA - ZONE *zonename* CANNOT BE OPENED FOR UPDATE BECAUSE THE PATH CONTAINING THE ZONE IS ALREADY OPENED WITH 'NOUPDATE'.

Explanation:

zonename

name of zone to be opened

System action: See previous related messages.

Programmer response: See previous related messages. If necessary, contact the IBM Support Center.

GIM44230I GIMMPVIA - THE PATH FOR THE ZONE CANNOT BE DETERMINED BECAUSE THE DATA SET NAME IS NOT AVAILABLE.

System action: See previous related messages.

Programmer response: See previous related messages. If necessary, contact the IBM Support Center.

GIM44231I GIMMPVIA - THE ACCESS ID IS INVALID FOR A ZONE OPEN FUNCTION.

System action: See previous related messages.

Programmer response: See previous related messages. If necessary, contact the IBM Support Center.

GIM44232I GIMMPVIA - DYNAMIC ALLOCATION FAILED FOR THE *zonename* ZONE, DATA SET *dataset*.

Explanation:

zonename

zone name

dataset ddname of a data set required for processing in the indicated zone

System action: See previous related messages.

Programmer response: Add a DDDEF entry or DD statement for the indicated data set.

GIM44233I GIMMPVIA - A PREALLOCATED VSAM DATA SET WAS NOT FOUND FOR THE *zonename* ZONE.

Explanation:

zonename

zone name

System action: See previous related messages.

Programmer response: See previous related messages. If necessary, contact the IBM Support Center.

GIM44234I GIMMPVIA - SMPCSI DATA SET *dataset* IS BUSY.

Explanation:

dataset CSI data set name

System action: See previous related messages.

Programmer response: See previous related messages. If necessary, contact the IBM Support Center.

GIM44236I GIMMPVIA - EITHER THE ACCESS ID (VPLACID) IS NOT ZERO, OR THE ZONE NAME (VPLZNAME) IS NOT BLANK. THIS COMBINATION IS INVALID FOR ZONE CLOSE.

System action: See previous related messages.

Programmer response: See previous related messages. If necessary, contact the IBM Support Center.

GIM44237I GIMMPVIA - A QUALIFIED ZONE MAY NOT HAVE A NAME OF SMPCSI OR GLOBAL. THIS IS A ZONE OPEN ERROR.

System action: See previous related messages.

Programmer response: See previous related messages. If necessary, contact the IBM Support Center.

GIM44238I GIMMPRPS - THE FUNCTION (RRLFUNCT) IS NOT RECOGNIZED.

System action: See previous related messages.

Programmer response: Report the problem to the IBM Support Center.

GIM44239I GIMMPRPS - THERE IS A LOGIC ERROR IN THE ASSERTION REQUEST. THIS ASSERTION IS UNSUPPORTED.

System action: See previous related messages.

Programmer response: Report the problem to the IBM Support Center.

GIM44240I GIMMPRPS - THE ZONE PATH ID IS INVALID.

System action: See previous related messages.

Programmer response: Report the problem to the IBM Support Center.

GIM44241I GIMMPRPS - THE CATEGORY IS INVALID.

System action: See previous related messages.

Programmer response: Report the problem to the IBM Support Center.

GIM44242I GIMMPRPS - A FREEPOOL ERROR OCCURRED. THE POOL IS MISSING.

System action: See previous related messages.

Programmer response: Report the problem to the IBM Support Center.

GIM44243I GIMMPRPS - THE RECORD TO BE DEASSIGNED IS MISSING.

System action: See previous related messages.

Programmer response: Report the problem to the IBM Support Center.

GIM44244W GIMVSMMSG - NO REPRESENTATIONS MET INPUT REQUIREMENTS.

System action: Processing continues.

Programmer response: See previous related messages.

GIM44245E GIMVSMMSG - THE MAIN RESOURCE IS NOT AVAILABLE.

Explanation: A required data set or zone is not available.

System action: SYSMOD processing stops.

Programmer response: Do **one** of the following:

- If a data set was not available, make sure there are no missing DDDEF entries or DD statements, and that all data set names are specified correctly.
- If a zone was not available, find out why.

If necessary, rerun the job.

GIM44245S GIMVSMMSG - THE MAIN RESOURCE IS NOT AVAILABLE.

Explanation: A required data set or zone is not available.

System action: Command processing stops.

Programmer response: Do **one** of the following:

- If a data set was not available, make sure there are no missing DDDEF entries or DD statements, and that all data set names are specified correctly.
- If a zone was not available, find out why.

Then rerun the job.

GIM44246T GIMVSMMSG - THERE IS A PROBABLE PHYSICAL I/O ERROR.

Explanation: A required device is not available.

System action: SMP/E processing stops.

Programmer response: Contact the IBM Support Center.

GIM44247T GIMVSMMSG - THERE IS A PROBABLE LOGICAL I/O ERROR.

System action: SMP/E processing stops.

Programmer response: Report the problem to the IBM Support Center.

GIM44248T GIMVSMMSG - THE RETURN CODE FOR RRLFUNCT IS UNKNOWN.

System action: SMP/E processing stops.

Programmer response: Report the problem to the IBM Support Center.

GIM44249S GIMVSMMSG - AN UNKNOWN 'OUT OF SPACE' ERROR HAS OCCURRED.

Explanation: An error occurred for a data set required for processing. Module GIMMPVIA issued a return code of 12 but did not indicate that the CSI is busy or that dynamic allocation failed.

System action: Command processing stops.

Programmer response: Make sure there is a DDDEF entry or DD statement that defines the required data set.

GIM44250I GIMVSMMSG - THE VSAM ERROR ANALYSIS OCCURRED FOR *modname* + *offset*, RRLFUNCT='*function*', WITH RRLRETN=' *rtncode* '.

Explanation:

modname

module name

offset offset into that module

function function value for RRLFUNCT

rtncode return code value for RRLRETN

System action: See previous related messages.

Programmer response: See previous related messages.

GIM44250T GIMVSMMSG - THE VSAM ERROR ANALYSIS OCCURRED FOR *modname* + *offset*, RRLFUNCT='*function*', WITH RRLRETN=' *rtncode* '.

Explanation:

modname

module name

offset offset into that module

function function value for RRLFUNCT

rtncode return code value for RRLRETN

System action: See previous related messages.

Programmer response: See previous related messages.

GIM44251I GIMVSMMSG - THERE IS NO AVAILABLE RRL MESSAGE TEXT.

Explanation: No information about the RRL error is available.

System action: See previous related messages.

Programmer response: See previous related messages. If necessary, contact the IBM Support Center.

GIM44252W GIMVSMMSG - THE REPRESENTATION WAS NOT ADDED. A DUPLICATE EXISTS.

Explanation: SMP/E could not complete processing for the command being run.

System action: See previous related messages.

Programmer response: Make sure you specified the command correctly. If necessary, rerun the job.

GIM44253W GIMVSMMSG - THE REPRESENTATION DID NOT MEET THE ASSERTION CRITERIA.

Explanation: The POSU (position for update) macro could not find a record.

System action: Processing continues.

Programmer response: Make sure the record to be processed actually exists. See previous related messages for more information.

GIM44253S GIMVSMMSG - THE REPRESENTATION DID NOT MEET THE ASSERTION CRITERIA.

Explanation: The POSU (position for update) macro could not find a record.

System action: Command processing stops.

Programmer response: Make sure the record to be processed actually exists. See previous related messages for more information.

GIM44254W GIMVSMMSG - NO REPRESENTATION WAS FOUND. THE END OF ASSERTION RANGE WAS SET USING POSITION.

Explanation: The EXTN (extract next) macro could not find a record.

System action: See previous related messages.

Programmer response: See previous related messages.

GIM44255W GIMVSMMSG - THE REPRESENTATION WAS NOT DELETED. NONE EXISTED AT THE ASSERTED LEVEL.

Explanation: The BDEL (block delete) macro could not find anything to delete.

System action: See previous related messages.

Programmer response: See previous related messages.

GIM44256W GIMVSMMSG - THE REPRESENTATION WAS NOT DELETED. NONE EXISTED IN THE ASSERTION GROUP.

Explanation: The EDEL (block delete with exclusions) macro could not find anything to delete.

System action: See previous related messages.

Programmer response: See previous related messages.

GIM44257S GIMVSMMSG - A DUPLICATE STRING NAME WAS PREVIOUSLY ASSIGNED, OR THE CODE VALUES HAVE ALL BEEN ATTEMPTED.

Explanation: The ASGN (assign) macro failed for one of the indicated reasons.

System action: Command processing stops.

Programmer response: See previous related messages. If necessary, contact the IBM Support Center.

GIM44258E GIMVSMMSG - A DISCONNECT FAILED. NO PRIOR CONNECTION WAS ESTABLISHED.

Explanation: A FREE (free) macro was attempted for a connection that was never made.

System action: Command processing stops.

Programmer response: See previous related messages. If necessary, contact the IBM Support Center.

GIM44259W GIMVSMMSG - THE STRING IS UNKNOWN FOR THE ENCODE PROVIDED.

Explanation: A DECD (decode) macro was attempted and failed.

System action: SYSMOD processing stops. See previous related messages for more information.

Programmer response: See previous related messages. If necessary, contact the IBM Support Center.

GIM44260W GIMVSMMSG - THE ENCODE IS UNKNOWN FOR THE STRING PROVIDED.

Explanation: An ENCD (encode) macro was attempted and failed.

System action: SYSMOD processing stops. See previous related messages for more information.

Programmer response: See previous related messages. If necessary, contact the IBM Support Center.

GIM44261W GIMVSMMSG - ZONE *zonename* HAS NOT BEEN ASSIGNED.

Explanation:

zonename

zone name

An attempt to open the zone failed.

System action: See previous related messages.

Programmer response: See previous related messages.

GIM44262E GIMVSMMSG - NO ZONEINDEX EXISTS FOR THE ZONE.

System action: Command processing stops.

Programmer response: See previous related messages. If necessary, define a ZONEINDEX subentry for the zone.

GIM44263T GIMVSMMSG - THERE WAS AN ERROR DURING AN OPEN OF THE ACB.

Explanation: One possible reason for the OPEN error is that the CSI data set may not be primed with a GIMZPOOL record.

System action: SMP/E processing stops.

Programmer response: Report the problem to the IBM Support Center.

GIM44264I A VSAM ERROR OCCURRED IN MODULE *modname*. THE VSAM MACRO SHOWCB THAT REQUESTS THE *vsamcb* LENGTH FAILED.

Explanation:

modname

an identifier for the module that issued this message

vsamcb name of a VSAM control block (ACB or RPL)

System action: Processing continues.

Programmer response: Report the error to the IBM Support Center.

GIM44264S A VSAM ERROR OCCURRED IN MODULE *modname*. THE VSAM MACRO SHOWCB THAT REQUESTS THE *vsamcb* LENGTH FAILED.

Explanation:

modname

an identifier for the module that issued this message

vsamcb name of a VSAM control block (ACB or RPL)

System action: Command processing stops.

Programmer response: Report the error to the IBM Support Center.

GIM44265I A VSAM ERROR OCCURRED IN MODULE *modname*. THE VSAM MACRO GENCB THAT CREATES THE *vsamcb* FAILED.

Explanation:

modname

an identifier for the module that issued this message

vsamcb name of a VSAM control block (ACB or RPL)

System action: Processing continues.

Programmer response: Report the error to the IBM Support Center.

GIM44265S A VSAM ERROR OCCURRED IN MODULE *modname*. THE VSAM MACRO GENCB THAT CREATES THE *vsamcb* FAILED.

Explanation:

modname

an identifier for the module that issued this message

vsamcb name of a VSAM control block (ACB or RPL)

System action: Command processing stops.

Programmer response: Report the error to the IBM Support Center.

GIM44267S A VSAM ERROR OCCURRED IN MODULE *modname*. THE VSAM MACRO SHOWCB THAT REQUESTS THE KEY AND RECORD LENGTH OF A VSAM DATA SET FAILED.

Explanation:

modname

an identifier for the module that issued this message

System action: Command processing stops.

Programmer response: Report the error to the IBM Support Center.

GIM44268S A VSAM ERROR OCCURRED IN MODULE *modname*. THE KEY LENGTH OF VSAM DATA SET *dataset* IS INVALID.

Explanation:

modname

an identifier for the module that issued this message

dataset name of a CSI data set

System action: Command processing stops.

Programmer response: Specify a CSI data set that contains a valid key length. Then rerun the job.

GIM44269S A VSAM ERROR OCCURRED IN MODULE *modname*. THE RECORD LENGTH OF VSAM DATA SET *dataset* IS INVALID.

Explanation:

modname

an identifier for the module that issued this message

dataset name of a CSI data set

System action: Command processing stops.

Programmer response: Specify a CSI data set that contains a valid record length. Then rerun the job.

GIM44270S A VSAM ERROR OCCURRED IN MODULE *modname*. *command* FAILED FOR VSAM DATA SET *dataset*.

Explanation:

modname

an identifier for the module that issued this message

command

ENDREC or VERIFY

dataset name of a CSI data set

System action: Command processing stops.

Programmer response: Report the problem to the IBM Support Center.

GIM44271S • GIM44281I

GIM44271S A VSAM ERROR OCCURRED IN MODULE *modname*. THE VSAM MACRO MODCB THAT MODIFIES THE *vsamcb* FAILED.

Explanation:

modname

an identifier for the module that issued this message

vsamcb name of a VSAM control block (ACB or RPL)

System action: Command processing stops.

Programmer response: Report the problem to the IBM Support Center.

GIM44272S A VSAM ERROR OCCURRED IN MODULE *modname*. THE VSAM MACRO POINT FAILED TRYING TO POSITION TO THE BEGINNING OF VSAM DATA SET *dataset*.

Explanation:

modname

an identifier for the module that issued this message

dataset name of a CSI data set

System action: Command processing stops.

Programmer response: Report the problem to the IBM Support Center.

GIM44273S A VSAM ERROR OCCURRED IN MODULE *modname*. A FAILURE OCCURRED TRYING TO GET THE NEXT RECORD FROM VSAM DATA SET *dataset*.

Explanation:

modname

an identifier for the module that issued this message

dataset name of a CSI data set

System action: Command processing stops.

Programmer response: Report the problem to the IBM Support Center.

GIM44276I GIMMPVIA - A VSAM OPEN GETMAIN FAILED FOR AN ACB/RPL.

System action: See previous related messages.

Programmer response: Make sure the REGION size specified for SMP/E is large enough.

GIM44279I GIMMPVIA - VSAM OPEN FAILED. THE REASON CODE IS *rsncode*.

Explanation:

rsncode VSAM reason code for OPEN failure

System action: See previous related messages.

Programmer response: Make sure the REGION size specified for SMP/E is large enough. Your action depends on the reason code specified in the message. If necessary, contact the IBM Support Center.

GIM44280I GIMMPVIA - VSAM OPEN TERMINATED. A DATA SET IS EMPTY THAT REQUIRES AN INITIAL LOAD.

System action: See previous related messages.

Programmer response: Make sure you have primed the CSI data set with the GIMZPOOL record.

GIM44281I GIMMPVIA - A VSAM OPEN SHOWCB MACRO FAILED OBTAINING INITIAL STATISTICS. THE REASON CODE IS *rsncode*.

Explanation:

rsncode VSAM reason code for SHOWCB failure

System action: See previous related messages.

Programmer response: See previous related messages. Your action depends on the reason code specified in the message. If necessary, contact the IBM Support Center.

GIM44282I GIMMPVIA - A VSAM OPEN SHOWCB MACRO FAILED OBTAINING INDEX CI (CONTROL INTERVAL) SIZE. THE REASON CODE IS *rsncode*.

Explanation:

rsncode VSAM reason code for SHOWCB failure

System action: See previous related messages.

Programmer response: See previous related messages. Your action depends on the reason code specified in the message. If necessary, contact the IBM Support Center.

GIM44283I GIMMPVIA - A VSAM OPEN SHOWCB MACRO FAILED OBTAINING DATA CI (CONTROL INTERVAL) SIZE. THE REASON CODE IS *rsncode*.

Explanation:

rsncode VSAM reason code for SHOWCB failure

System action: See previous related messages.

Programmer response: See previous related messages. Your action depends on the reason code specified in the message. If necessary, contact the IBM Support Center.

GIM44284I GIMMPVIA - A VSAM OPEN FAILED WITH THE FOLLOWING INVALID: *keyword*

Explanation:

keyword KEYLENGTH, LRECL, or both

System action: See previous related messages.

Programmer response: Check the job used to allocate the CSI. Make sure the correct KEYLENGTH and LRECL values were used to define the CSI.

GIM44285I GIMMPVIA - VSAM MACRO *macro* FAILED. THE RETURN CODE IS *rtncode* AND THE REASON CODE IS *rsncode*.

Explanation:

macro name of failing macro

rtncode return code from macro invocation

rsncode reason code from macro invocation

An error occurred when SMP/E invoked the specified VSAM macro.

System action: A subsequent message identifies the system action.

Programmer response: See the *z/OS DFSMS Macro Instructions for Data Sets* manual. This book lists the return code and reason code combinations for all VSAM macros and explains the cause of the error.

GIM44301E AN UNUSUAL CONDITION OCCURRED. *modname* - *elmtyp* *elmname* TO BE RETRANSFORMED WAS NOT IN TRANSFORMED FORMAT.

Explanation:

modname

an identifier for the module that issued this message

elmtyp element type

elmname

element name

SMP/E expects transformed elements to be in the format produced by service routine GIMDTS. However, the indicated element was not in the expected format.

System action: SYSMOD processing stops.

GIM44302E • GIM44306E

Programmer response: Report the error to the IBM Support Center.

GIM44302E AN UNUSUAL CONDITION OCCURRED. *modname* - *elmtype* *elmname* TO BE RETRANSFORMED IS NOT ON THE SMPWRK6 DATA SET.

Explanation:

modname

an identifier for the module that issued this message

elmtype element type

elmname

element name

Normally, when SMP/E applies or accepts a transformed data element that was packaged inline, it copies the element to the SMPWRK6 data set before processing it. However, when SMP/E was ready to process the indicated element, it was not on the SMPWRK6 data set.

System action: SYSMOD processing stops.

Programmer response: Report the error to the IBM Support Center.

GIM44304S AN UNUSUAL CONDITION OCCURRED. *modname* - AN INVALID VALUE WAS SPECIFIED ON THE OPT PARAMETER PASSED TO MODULE GIMZNDL.

Explanation:

modname

an identifier for the module that issued this message

The OPT parameter specifies an incorrect value. This is probably due to an internal processing error that caused it to be overlaid.

System action: Command processing stops.

Programmer response: Report the error to the IBM Support Center.

GIM44305T AN UNUSUAL CONDITION OCCURRED. *modname* - THE RETURN CODE FOR A UCL DEL STATEMENT INDICATED THAT NOTHING WAS DELETED. THE STATEMENT WAS CHECKED IN *modname*.

Explanation:

modname

an identifier for the module that issued this message

UCLIN processing tried to delete a subentry but could not find it. However, a previous check showed that the subentry existed.

System action: SMP/E processing stops.

Programmer response: Report the error to the IBM Support Center.

GIM44306E AN UNUSUAL CONDITION OCCURRED. *modname* - THE RETURN CODE IS NOT ZERO FOR THE VALUE BEING CHECKED IN THE DECODE TABLE. HOWEVER, THAT VALUE WAS PREVIOUSLY ACCEPTED AS VALID BY CHKRTN PROCESSING.

Explanation:

modname

an identifier for the module that issued this message

SMP/E was checking a value against the decode table for data elements. Because the return code was not zero, it seems that the value was not found in the table. However, a previous check by CHKRTN processing showed that the value was in the table.

System action: Command processing stops.

Programmer response: Report the error to the IBM Support Center.

GIM44307E AN UNUSUAL CONDITION OCCURRED. *modname* - THE RETURN CODE IS NOT ZERO FOR THE VALUE BEING CHECKED IN THE DECODE TABLE. HOWEVER, THAT VALUE WAS PREVIOUSLY ACCEPTED AS VALID.

Explanation:

modname

an identifier for the module that issued this message

SMP/E was checking a value against the decode table for data elements. Because the return code was not zero, it seems that the value was not found in the table. However, a previous check showed that the value was in the table.

System action: SYSMOD processing stops.

Programmer response: Report the error to the IBM Support Center.

GIM44307T AN UNUSUAL CONDITION OCCURRED. *modname* - THE RETURN CODE IS NOT ZERO FOR THE VALUE BEING CHECKED IN THE DECODE TABLE. HOWEVER, THAT VALUE WAS PREVIOUSLY ACCEPTED AS VALID.

Explanation:

modname

an identifier for the module that issued this message

SMP/E was checking a value against the decode table for data elements. Because the return code was not zero, it seems that the value was not found in the table. However, a previous check showed that the value was in the table.

System action: SMP/E processing stops.

Programmer response: Report the error to the IBM Support Center.

GIM44308T AN UNUSUAL CONDITION OCCURRED. *modname* - THE RETURN CODE FOR A UCL ADD STATEMENT INDICATED THAT NOTHING WAS ADDED. THE STATEMENT WAS CHECKED IN *modname*.

Explanation:

modname

an identifier for the module that issued this message

UCLIN processing tried to add a subentry but a duplicate subentry exists. However, a previous check showed that the subentry did not exist.

System action: SMP/E processing stops.

Programmer response: Report the error to the IBM Support Center.

GIM44309E AN UNUSUAL CONDITION OCCURRED. *modname* - AN ERROR OCCURRED IN MODULE GIMMPREC. THE MCS ENTRY WAS NOT FOUND IN A CALL TO GIMADTBL.

Explanation:

modname

an identifier for the module that issued this message

An erroneous parameter was passed to GIMADTBL. This is probably due to an internal processing error that caused the parameter to be overlaid.

System action: SYSMOD processing stops.

Programmer response: Report the error to the IBM Support Center.

GIM44310I AN UNUSUAL CONDITION OCCURRED. *modname1* - GIMDSMGR WAS CALLED FROM *modname2* + *offset*.

Explanation:

modname1
an identifier for the module that issued this message

modname2
an identifier for the module that called GIMDSMGR

offset offset from the beginning of module *modname2*

This message accompanies other GIM443xx messages that were issued during processing by GIMDSMGR.

System action: See the other GIM443xx messages issued with this message.

Programmer response: See the other GIM443xx messages issued with this message.

GIM44311T AN UNUSUAL CONDITION OCCURRED. *modname* - THE FIRST PHASE PROCESSED IS NOT PHASE 1 FOR COMMAND *command*.

Explanation:

modname
an identifier for the module that issued this message

command
an SMP/E command

An abnormal condition occurred because of a phase error. If SMP/E can determine which module called GIMDSMGR, message GIM44310I is also issued to identify this module. Otherwise, message GIM44318I is issued along with this message.

System action: SMP/E processing stops.

Programmer response: Report the problem to the IBM Support Center.

GIM44312T AN UNUSUAL CONDITION OCCURRED. *modname* - THE CURRENT PHASE SHOULD HAVE PRECEDED THE PREVIOUS PHASE FOR COMMAND *command*.

Explanation:

modname
an identifier for the module that issued this message

command
an SMP/E command

An abnormal condition occurred because of a phase error. If SMP/E can determine which module called GIMDSMGR, message GIM44310I is also issued to identify this module. Otherwise, message GIM44318I is issued along with this message.

System action: SMP/E processing stops.

Programmer response: Report the problem to the IBM Support Center.

GIM44313T AN UNUSUAL CONDITION OCCURRED. *modname* - THE CLEANUP PHASE WAS NOT DONE FOR THE PREVIOUS COMMAND, *command1*. THE CURRENT COMMAND IS *command2*.

Explanation:

modname
an identifier for the module that issued this message

command1
an SMP/E command

command2
an SMP/E command

An abnormal condition occurred because of a phase error. If SMP/E can determine which module called GIMDSMGR, message GIM44310I is also issued to identify this module. Otherwise, message GIM44318I is issued along with this message.

System action: SMP/E processing stops.

Programmer response: Report the problem to the IBM Support Center.

GIM44314T AN UNUSUAL CONDITION OCCURRED. *modname* - SMP/E COULD NOT GET EXTRA RESOURCES FOR COMMAND *command* BECAUSE THEY WERE HELD WITHOUT A REASON.

Explanation:

modname

an identifier for the module that issued this message

command

an SMP/E command

An abnormal condition occurred because of an internal processing error. If SMP/E can determine which module called GIMDSMGR, message GIM44310I is also issued to identify this module. Otherwise, message GIM44318I is issued along with this message.

System action: SMP/E processing stops.

Programmer response: Report the problem to the IBM Support Center.

GIM44315T AN UNUSUAL CONDITION OCCURRED. *modname* - THE NAME OF THE DATA SET TO BE UPDATED WAS NOT PROVIDED.

Explanation:

modname

an identifier for the module that issued this message

An abnormal condition occurred because of an internal processing error. If SMP/E can determine which module called GIMDSMGR, message GIM44310I is also issued to identify this module. Otherwise, message GIM44318I is issued along with this message.

System action: SMP/E processing stops.

Programmer response: Report the problem to the IBM Support Center.

GIM44316T AN UNUSUAL CONDITION OCCURRED. *modname* - THE CURRENT PHASE FOR COMMAND *command* IS UNKNOWN.

Explanation:

modname

an identifier for the module that issued this message

command

an SMP/E command

An abnormal condition occurred because of a phase error. If SMP/E can determine which module called GIMDSMGR, message GIM44310I is also issued to identify this module. Otherwise, message GIM44318I is issued along with this message.

System action: SMP/E processing stops.

Programmer response: Report the problem to the IBM Support Center.

GIM44317T AN UNUSUAL CONDITION OCCURRED. *modname* - THE *phase1* PHASE WAS ATTEMPTED FOR COMMAND *command* BEFORE THE *phase2* PHASE WAS PROCESSED.

Explanation:

modname

an identifier for the module that issued this message

phase1 a phase of command processing

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command

an SMP/E command

phase2 a phase of command processing

An abnormal condition occurred because of a phase error. If SMP/E can determine which module called GIMDSMGR, message GIM44310I is also issued to identify this module. Otherwise, message GIM44318I is issued along with this message.

System action: SMP/E processing stops.

Programmer response: Report the problem to the IBM Support Center.

GIM44318I AN UNUSUAL CONDITION OCCURRED. *modname* - SMP/E COULD NOT DETERMINE WHICH MODULE CALLED GIMDSMGR.

Explanation:

modname

an identifier for the module that issued this message

This message accompanies other GIM443xx messages that were issued during processing by GIMDSMGR.

System action: See the other GIM443xx messages issued with this message.

Programmer response: See the other GIM443xx messages issued with this message.

GIM44319S AN UNUSUAL CONDITION OCCURRED. *modname* - AN ERROR HAS OCCURRED IN SUBROUTINE *subroutine*. AN UNKNOWN ENTRY OR SUBENTRY TYPE WAS FOUND IN A CALL TO MODULE GIMADTBL.

Explanation:

modname

an identifier for the module that issued this message.

subroutine

the subroutine name. If there is no subroutine, the module name is repeated.

This message may be issued if you are running the LIST command to obtain a list of entries for data elements or hierarchical file system elements, and if the level of SMP/E you are running is at a lower level than what was used to install the requested elements. Because the elements were added by a later release level of SMP/E, they are not recognized at a lower level.

System action: Command processing stops.

Programmer response: Report the error to the IBM Support Center.

GIM44319T AN UNUSUAL CONDITION OCCURRED. *modname* - AN ERROR HAS OCCURRED IN SUBROUTINE *subroutine*. AN UNKNOWN ENTRY OR SUBENTRY TYPE WAS FOUND IN A CALL TO MODULE GIMADTBL.

Explanation:

modname

an identifier for the module that issued this message.

subroutine

the subroutine name. If there is no subroutine, the module name is repeated.

This message may be issued if you are running the LIST command to obtain a list of entries for data elements or hierarchical file system elements, and if the level of SMP/E you are running is at a lower level than what was used to install the requested elements. Because the elements were added by a later release level of SMP/E, they are not recognized at a lower level.

System action: SMP/E processing stops.

Programmer response: Report the error to the IBM Support Center.

GIM44320E AN UNUSUAL CONDITION OCCURRED. *modname1* – AN INVALID PARAMETER WAS PASSED TO MODULE *modname2*.

Explanation:*modname1*

an identifier for the module that called the module

modname2

an identifier for the module that issued this message

A parameter that was passed to the indicated module was either overlaid or invalid.

System action: SYSMOD processing stops.

Programmer response: Report the error to the IBM Support Center.

GIM44320S AN UNUSUAL CONDITION OCCURRED. *modname* - AN INVALID PARAMETER WAS PASSED TO MODULE *modname*.

Explanation:*modname*

an identifier for the module that issued this message

A parameter that was passed to the indicated module was overlaid.

System action: Command processing stops.

Programmer response: Report the error to the IBM Support Center.

GIM44320T AN UNUSUAL CONDITION OCCURRED. *modname* - AN INVALID PARAMETER WAS PASSED TO MODULE *modname*.

Explanation:*modname*

an identifier for the module that issued this message

A parameter that was passed to the indicated module was overlaid.

System action: SMP/E processing stops.

Programmer response: Report the error to the IBM Support Center.

GIM44321T AN UNUSUAL CONDITION OCCURRED. *modname* - THE CALL FOR ANALYSIS SHOULD NOT HAVE BEEN MADE BECAUSE RRLRETN IS ZERO.

Explanation:*modname*

an identifier for the module that issued this message

A call to do error analysis was made. However, the previous return code was 0, which indicated that there was no error to process.

System action: SMP/E processing stops.

Programmer response: Report the error to the IBM Support Center.

GIM44322S AN UNUSUAL CONDITION OCCURRED. *modname* - AN ERROR HAS OCCURRED IN SUBROUTINE XRPTF1. A RELATION ENTRY WAS NOT FOUND IN A CALL TO MODULE GIMADTBL.

Explanation:*modname*

an identifier for the module that issued this message

There is no relation entry for the specified element type.

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System action: Command processing stops.

Programmer response: Report the error to the IBM Support Center.

GIM44323T AN UNUSUAL CONDITION OCCURRED. *modname* - GIMUTTBL IS TOO SMALL – LESS THAN 10 BYTES.

Explanation:

modname

an identifier for the module that issued this message

There is a construction error in module GIMUTTBL.

System action: SMP/E processing stops.

Programmer response: Use macro GIMDFUT to replace GIMUTTBL. For more information, see the GIMUTTBL chapter in *SMP/E for z/OS Reference*.

GIM44324T AN UNUSUAL CONDITION OCCURRED. *modname* - GIMUTTBL DOES NOT HAVE AN END-OF-LIST ENTRY.

Explanation:

modname

an identifier for the module that issued this message

There is a construction error in module GIMUTTBL.

System action: SMP/E processing stops.

Programmer response: Use macro GIMDFUT to replace GIMUTTBL. For more information, see the GIMUTTBL chapter in *SMP/E for z/OS Reference*.

GIM44325I AN UNUSUAL CONDITION OCCURRED. *modname* - SMP/E COULD NOT ADD THE FMID OF SYSMOD *sysmod* TO THE GLOBAL ZONE, BECAUSE OF A VSAM ERROR.

Explanation:

modname

an identifier for the module that issued this message

sysmod SYSMOD ID

When SMP/E receives a function SYSMOD, it adds the FMID of the function to the GLOBALZONE entry. However, SMP/E could not add the FMID of the indicated SYSMOD, either because the SMPCSI that contains the global zone is not available, or because a physical or logical I/O error occurred.

System action: Command processing stops.

Programmer response: Report the error to the IBM Support Center.

GIM44326I AN UNUSUAL CONDITION OCCURRED. *modname* - SMP/E COULD NOT FIND REGRESSED SYSMOD *sysmod* IN THE *zonetype* ZONE.

Explanation:

modname

an identifier for the module that issued this message

sysmod SYSMOD ID of the SYSMOD being regressed

zonetype

TARGET or DLIB

The indicated SYSMOD was regressed by another SYSMOD that was installed. However, SMP/E could not find the regressed SYSMOD in the zone being processed. Use the SYSMOD Regression report to determine what elements are being regressed and which SYSMOD caused the regression.

System action: Processing continues.

Programmer response: The programmer response depends on why the message was issued.

- Except for the case described below, you should report the error to the IBM Support Center.
- If the message was issued during APPLY processing, a SYSMOD existing only in the distribution zone may have been regressed. For example, the RESTORE command may have introduced the distribution zone version of an element into the target libraries. Later, the restored SYSMOD may be reapplied with the BYPASS(ID) operand, regressing the SYSMOD that provided the distribution zone version of the affected element. If the regressed SYSMOD had never been applied to the target zone, SMP/E issues this message.

In this case, you need to use the distribution zone entry for the regressed SYSMOD and the target zone entry for the SYSMOD causing the regression to determine whether any additional SYSMODs were regressed. Take the necessary actions to correct the regressed SYSMODs. For example, if a USERMOD is regressed, rework it to specify the appropriate relationship to the regressing SYSMOD (such as PRE), then reapply the USERMOD.

GIM44327T AN UNUSUAL CONDITION OCCURRED. *modname* - *action* **WAS ATTEMPTED FOR A NONEXISTENT ENTRY** - *entname*.

Explanation:

modname
an identifier for the module that issued this message
action EXTEND, POSITION, or READ
entname
entry name

SMP/E tried to do the indicated type of processing but it could not find the entry to be processed. GIM44328 may also be issued to provide additional information.

System action: SMP/E processing stops.

Programmer response: Report the error to the IBM Support Center.

GIM44328I AN UNUSUAL CONDITION OCCURRED. *issuer* - **GIMMPIO WAS CALLED FROM** *modname* + *offset* **WITH IOPFUNCT =** *iopfunct*, **IOPTYPE =** *enttype* **AND IOPNAME =** *entname*.

Explanation:

issuer an identifier for the module that issued this message
modname
name of the module that called GIMMPIO
offset offset from the beginning of module *modname*
iopfunct I/O function or UNKNOWN
enttype entry type or UNKNOWN
entname
entry name

This message provides additional information about the error reported by message GIM44327.

System action: SMP/E processing stops.

Programmer response: Report the error to the IBM Support Center.

GIM44329E AN UNUSUAL CONDITION OCCURRED. *modname* - **LMOD ENTRY** *entname* **HAS NO VALID SYSLIB VALUE.**

Explanation:

modname
an identifier for the module that issued this message
entname
entry name

The indicated LMOD entry either contains no SYSLIB value or contains an incorrect SYSLIB value.

System action: SYSMOD processing stops.

Programmer response: Correct the SYSLIB value in the LMOD entry and rerun the command.

GIM44330T AN UNUSUAL CONDITION OCCURRED. *modname* - A RECORD IN THE *enttype* ENTRY CONTAINS AN UNKNOWN RELATIONSHIP. THE KEY OF THE RECORD IS *key*.

Explanation:

modname an identifier for the module that issued this message
enttype entry type
key key of the record (in hexadecimal)

SMP/E was checking the records in the indicated entry and found a record that specified an unknown relationship.

System action: SMP/E processing stops.

Programmer response: Do **one** of the following:

- If you have run a higher level of SMP/E against the zone containing the indicated entry, it is likely that new information has been introduced that the level of SMP/E issuing the message does not recognize. Run the higher level of SMP/E and access the named entry. If no error occurs, you must now use the higher level of SMP/E to process the zone containing the new information. For more information on the compatibility of entries between SMP/E releases, see the Migration chapter in *SMP/E for z/OS User's Guide*.
- Otherwise, report the situation to the IBM Support Center.

GIM44331W AN UNUSUAL CONDITION OCCURRED. *modname* - SYSMOD *sysmod* COULD NOT BE FOUND IN THE *zonetype* ZONE.

Explanation:

modname an identifier for the module that issued this message
sysmod SYSMOD ID
zonetype type of zone (target or distribution)

SYSMOD *sysmod* has elements in common with a SYSMOD that failed (and was named in a GIM302xx message). However, SYSMOD *sysmod* could not be found in the indicated type of zone.

System action: SYSMOD processing stops. Processing continues with the next SYSMOD.

Programmer response: None.

GIM44332T AN UNUSUAL CONDITION OCCURRED. *modname1* - *modname2* WAS CALLED FROM *modname3* DURING *command* COMMAND PROCESSING.

Explanation:

modname1 an identifier for the module that issued this message
modname2 an identifier for the module that was called in error
modname3 an identifier for the module that called *modname2*
command the command being processed at the time of the failure

An abnormal condition occurred because of an internal processing error. The identified module calling sequence should not have occurred during processing of the specified command.

System action: Command processing stops.

Programmer response: Report the error to the IBM Support Center.

GIM44333T AN UNUSUAL CONDITION OCCURRED. THE *function* FUNCTION CANNOT BE PROCESSED BECAUSE THE *ddname* DD SPECIFIES A PATH.

Explanation:

function the requested I/O function
ddname ddname specified by the I/O request

The specified I/O function cannot be processed, because the target DD of the operation is a path in a UNIX file system.

System action: SMP/E processing stops.

Programmer response: Report the error to the IBM Support Center.

GIM44334S AN UNUSUAL CONDITION OCCURRED. MODULE GIMZNDDEL HAD A REQUEST TO DELETE THE GLOBAL ZONE FROM A COMMAND OTHER THAN ZONEIMPORT.

Explanation: Module ZIMZNDDEL had a request to delete the global zone from a command other than ZONEIMPORT.

System action: Command processing stops.

Programmer response: Report the error to the IBM Support Center.

GIM44335E *operation* FAILED FOR *elmttype elmname* IN SYSMOD *sysmod*. THE RETURN CODE FROM THE *operation* OPERATION WAS *rtncode*.

Explanation:

operation COMPACTION or EXPANSION
elmttype element type
elmname element name
sysmod SYSMOD ID
rtncode return code

SMP/E could not expand or compact the indicated element within SYSMOD *sysmod*. The *operation* operation failed.

System action: SYSMOD processing stops.

Programmer response: Report the error to your support group.

GIM44336I AN UNUSUAL CONDITION OCCURRED. *routine - text*

Explanation:

routine an identifier for the SMP/E routine that detected the error
text information to describe the error

The indicated SMP/E routine detected an unusual condition. The indicated text describes the error in detail.

System action: Processing continues.

Programmer response: The condition did not impact SMP/E processing. Therefore, you can ignore the error, or report the error to the IBM Support Center.

GIM44336S AN UNUSUAL CONDITION OCCURRED. *routine - text*

Explanation:

routine an identifier for the SMP/E routine that detected the error
text information to describe the error

The indicated SMP/E routine detected an unusual condition. The indicated text describes the error in detail.

System action: Processing continues.

GIM44336S

Programmer response:

If using the RECEIVE ORDER command, the following routine and text usually indicate a problem with IBM's Automated Delivery Server:

```
GIMJVREQ - com.ibm.smp.GIMJVEXC:  
com.ibm.smp.GIMJVEXC: org.xml.sax.SAXParseException: White spaces  
are required between publicId and systemId.
```

In this case you can try the other order server:

```
https://eccgw01.boulder.ibm.com/services/projects/ecc/ws/  
https://eccgw02.rochester.ibm.com/services/projects/ecc/ws/
```

If IBM is aware of any server issues, they will be noted at the download server status web page at url:

```
http://www14.software.ibm.com/webapp/set2/sas/f/gdbm/home.html
```

If this web page does not indicate any known problems, report the error to the IBM Support Center. Have the RECEIVE ORDER job available. If recreating, specify `-Dcom.ibm.smp.debug=severe` on the `javadebugoptions` attribute in the CLIENT data set.

For any other routine and text, if using the RECEIVE ORDER or RECEIVE FROMNETWORK command or the GIMGTPKG service routine, specify `-Dcom.ibm.smp.debug=severe` on the `javadebugoptions` attribute in the CLIENT data set and rerun the job. The debug output is written to the print ddname for the HFSCOPY utility (default is SYSPRINT). If using the GIMZIP or GIMUNZIP service routines, some debug output is automatically written to the SYSPRINT data set.

If the debug output contains any of the messages listed below, follow the recommendations:

- "JVMST027: Cannot allocate memory for System Heap." or "JVMCL017: OutOfMemoryError, loading classes."
Increase the region size and rerun the job.
- "java.io.IOException: Failed validating certificate paths." Ensure that the appropriate Certificate Authority (CA) certificate is found in the specified keyring, and the certificate is marked trusted. If you use the z/OS Security Server (RACF), then ensure that you use the following RACDCERT commands to list the keyring and CA certificate.

```
RACDCERT ID(userid) LISTRING(keyring)  
RACDCERT CERTAUTH LIST(LABEL('Equifax Secure CA'))
```

Also ensure that your certificate and keyring updates to the security product data base have taken affect. That is, if you have RACLISTed the DIGTCERT or DIGTRING RACF classes, then refresh the in-storage profiles by using the following RACF command:

```
SETROPTS RACLIST(DIGTCERT DIGTRING) REFRESH
```

Also, see "Preparing to use Internet service retrieval" in *SMP/E for z/OS User's Guide* for details.

- "java.io.IOException: The private key of *certificate_name* is not a software key. Error creating key entry because private key is not available." Ensure the userid running the SMP/E job has the necessary authority to access the certificate specified in the ORDERSERVER data set. If the userid is the owner of the certificate, then READ access is required to the IRR.DIGTCERT.LISTRING profile. If the userid is not the owner of the certificate, then UPDATE access is required to the IRR.DIGTCERT.LISTRING profile, and the usage for the certificate in the keyring must be CERTAUTH. See related chapter in *SMP/E for z/OS User's Guide* for details.
- "java.io.IOException: R_datalib (IRRSDDL00) error: profile for ring not found." Ensure the keyring specified in the ORDERSERVER data set is defined in your Security Manager. If you use the z/OS Security Server (RACF), then ensure that you use the following RACDCERT command.

```
RACDCERT ID(userid) LISTRING(keyring)
```
- "java.io.IOException: R_datalib (IRRSDDL00) error: not RACF authorized to use the requested service." Ensure the userid running the SMP/E job has the necessary authority to access the specified keyring and certificate. Generally, READ access is required to the IRR.DIGTCERT.LISTRING profile. See related chapter in *SMP/E for z/OS User's Guide* for details.

If not using the RECEIVE ORDER or RECEIVE FROMNETWORK command or the GIMGTPKG service routine, or the debug output does not reflect a condition described here, report the error to the IBM Support Center.

GIM44401W *asmname* WAS NOT ASSEMBLED FOR *enttype entname* IN SYSMOD *sysmod* BECAUSE SMP/E COULD NOT FIND ASSEMBLER INPUT FOR *asmname*.

Explanation:

asmname name of an ASSEM entry or MOD entry
enttype MAC or SRC
entname name of the MAC or SRC entry used for the assembly
sysmod ID of the SYSMOD that contains the MAC or SRC

There are several reasons this message is issued:

- Because of a macro update or replacement, SMP/E looked for the source that must be assembled to create the module. However, it could not find an ASSEM entry or SRC entry for the source. Therefore, it assumed that the module created from the assembly does not belong on your system.
- SMP/E found a SRC entry that did not contain an FMID and an RMID. As a result, SMP/E assumes that the source has not been installed.

System action: SMP/E processing continues.

Programmer response: Specify the assembler input by doing **one** of the following:

- If you are assembling a macro and the assembler input is in a library, an SRC entry, or an ASSEM entry, add the ASSEM and DISTSRC operands to the element MCS.
- Create a target or distribution zone ASSEM entry that creates the assembler input.
- Create a target or distribution zone SRC entry that creates the assembler input.

Then reinstall the SYSMOD.

GIM44402W *asmname* WAS NOT ASSEMBLED FOR *enttype entname* IN SYSMOD *sysmod* BECAUSE THERE IS NO MOD ENTRY FOR *asmname*. SMP/E CANNOT DETERMINE THE TARGET LIBRARY FOR THE ASSEMBLER OUTPUT.

Explanation:

asmname name of an ASSEM entry or MOD entry
enttype MAC or SRC
entname name of the MAC or SRC entry used for the assembly
sysmod ID of the SYSMOD that contains the MAC or SRC

The MAC or SRC entry being assembled does not indicate a target library. SMP/E assumed there was a MOD entry associated with the assembled output and that the MOD entry would indicate a target library. However, SMP/E could not find the indicated MOD entry. Therefore, it assumed that the module created from the assembly does not belong on your system.

System action: SMP/E processing continues.

Programmer response: Define a target or distribution zone MOD entry for the module. Then rerun the job.

GIM44500I VERIFICATION OF HASH VALUE OF FILE *filename* FAILED. SMP/E WILL RETRY RETRIEVAL OF THE FILE.

Explanation:

filename name of file. If this name exceeds 300 characters in length, only the first 300 characters will appear in this message.

After the identified file was transferred by SMP/E, the computed hash value for the file did not match the expected hash value. This could signal an error during transmission of the file.

System action: SMP/E will retry the file transfer.

Programmer response: None.

GIM44501W CHANGES FOR THE FOLLOWING USERMODS OR APAR FIXES WILL BE LOST BECAUSE SYSMOD *sysmod* IS BEING INSTALLED.

Explanation:

sysmod SYSMOD ID

When SMP/E was installing the indicated SYSMOD, SMP/E detected changes from USERMODs or APAR fixes that will be replaced by that SYSMOD. For example, you may get this message if a PTF (1) replaces an element that was last changed by a USERMOD applicable to another function and (2) specifies the VERSION operand to change the owner of the element.

System action: SYSMOD processing continues. Message GIM44601I follows this message and lists the USERMODs and APAR fixes whose changes were replaced.

Programmer response: None.

GIM44502W CHANGES FOR THE FOLLOWING USERMODS WILL BE LOST BECAUSE THE ASSOCIATED FUNCTION SYSMOD HAS BEEN DELETED.

Explanation: When one function deletes another function, all the SYSMODs associated with the deleted function are also deleted. Although changes made by PTFs and APAR fixes may be incorporated into the deleting function, changes made by USERMODs are not and may be lost.

System action: SYSMOD processing continues. Message GIM44601I follows this message and lists the USERMODs whose changes were replaced.

Programmer response: None.

GIM44601I *smdtype sysmod* IN *elmttype elmname*.

Explanation:

smdtype APAR or USERMOD

sysmod SYSMOD ID

elmttype element type

elmname

element name

This message lists the changes for the USERMODs and APAR fixes that have been replaced. The reason is given in message GIM44501W or GIM44502W.

System action: None.

Programmer response: None.

GIM44701I MODULE *modname* IN SYSMOD *sysmod* WAS NOT REASSEMBLED BECAUSE THE REUSE OPERAND WAS SPECIFIED. THE OBJECT MODULE SAVED IN SMPWRK3 WAS USED INSTEAD.

Explanation:

modname

module name

sysmod SYSMOD ID

The indicated module was first assembled when SMP/E unsuccessfully tried to install SYSMOD *sysmod*. The SYSMOD is being reinstalled, and the REUSE operand was specified. As a result of the REUSE option, two things happen:

- The indicated module is not reassembled.
- The corresponding object module that was saved on SMPWRK3 is used instead.

System action: SYSMOD processing continues.

Programmer response: None.

GIM44801I *modname* WAS ASSEMBLED BECAUSE THE ASSEMBLE SUBENTRY WAS SET IN THE MOD ENTRY.

Explanation:*modname*

module name

The ASSEMBLE indicator is set in the MOD entry for the indicated module. As a result, whenever SMP/E processes a SYSMOD that affects this module, the module is reassembled. This assembly prevents regression of changes supplied by one of the following:

- A SYSMOD that provides macro changes for the module
- The SYSMODs that replace the module but do not have the macro changes.

The assemble indicator may have been set by SMP/E when processing an APAR or USERMOD containing a macro or when processing an assembly caused by a GENASM subentry on a macro.

System action: Processing continues.

Programmer response: Do **one** of the following:

- If the module no longer needs to be reassembled, use UCLIN to remove the ASSEMBLE indicator from the MOD entry.
- Otherwise, take no action.

GIM44802I MODULE *modname* WAS ASSEMBLED BECAUSE ITS NAME MATCHES THE PREFIX VALUE ON A ++MAC OR ++MACUPD STATEMENT.

Explanation:*modname*

module name

The PREFIX operand was specified on a ++MAC or ++MACUPD MCS. The PREFIX operand specifies the first characters of the names of modules that should be assembled when the macro change is installed. The indicated module was assembled because its name starts with the specified PREFIX value.

System action: Processing continues.

Programmer response: None.

GIM44803I MODULE *modname* WAS ASSEMBLED BECAUSE IT WAS INCLUDED IN A LOAD MODULE DURING LOAD MODULE BUILD PROCESSING.

Explanation:*modname*

module name

System action: Processing continues.

Programmer response: None.

GIM44804I MODULE *modname* IS ASSEMBLED BECAUSE IT IS NEEDED TO COMPLETE LOAD MODULE *loadmod*.

Explanation:*modname*

module name

loadmod load module name

System action: Processing continues.

Programmer response: None.

GIM44901W SMP/E ADDED THE *subname* SUBENTRY TO CREATE A VALID ENTRY.

Explanation:

subname
name of the subentry that was added

After SMP/E processed the UCL statement, SMP/E checked data in the entry. If SMP/E had not added the subentry, the entry would have been invalid.

System action: SMP/E adds the indicated subentry to the entry, and processing continues with the next command.

Programmer response: Check whether the updated entry is correct. If necessary, correct the UCL statement and rerun it. These are some examples:

- If you are deleting the ACC subentry, you must also delete the ACCDATE subentry.
- SMP/E will not delete the RMID if an FMID is present in an element entry.

GIM45001I AN I/O ERROR OCCURRED FOR *enttype entname* ON THE *library* LIBRARY.

Explanation:

enttype entry type
entname
entry name
library ddname of the library

This message follows message GIM274xx when SMP/E can determine the entry that caused the I/O error.

System action: SMP/E processing stops.

Programmer response: Fix the I/O error and rerun the job. Here is one way to fix the error:

1. Use UCLIN to delete the entry that caused the I/O error.
2. Rebuild the entry with UCLIN.

Note: This may not always work because UCL processing may also get an I/O error when it tries to delete the entry.

GIM45101I LOG RECORDING WAS SWITCHED TO *dataset1* BECAUSE *dataset2* IS FULL.

Explanation:

dataset1 ddname of the LOG data set that is full
dataset2 ddname of the alternative LOG data set

Because the indicated LOG data set is full, SMP/E is writing LOG messages to an alternative data set.

System action: SMP/E processing continues.

Programmer response: Reallocate a larger SMPLOG or SMPLOGA data set for subsequent SMP/E runs.

GIM45200I *ftpcmd*

Explanation:

ftpcmd FTP command sent to the server

This message echoes the commands sent by SMP/E to the FTP server.

System action: Command processing continues.

Programmer response: None.

GIM45201I *ftpreply*

Explanation:

ftpreply reply from FTP server

This message echoes the reply received by SMP/E from the FTP server.

System action: Command processing continues.

Programmer response: None.

GIM45201S *ftpreply*

Explanation:

ftpreply reply from FTP server

This message echoes the reply received by SMP/E from the FTP server. SMP/E has interpreted this reply as an error.

System action: Command processing stops.

Programmer response: Fix the problem identified in the reply and rerun the command.

GIM45301E DATA IS MISSING FROM THE *++mcstype* FOR SYSMOD *sysmod*. *data* IS REQUIRED.

Explanation:

mcstype MCS type (HOLD or RELEASE)

sysmod SYSMOD ID

data FMID, REASON, or TYPE

The indicated MCS is missing one of the following items:

- A hold type (ERROR, FIXCAT, SYSTEM, or USER)
- The FMID operand
- The REASON operand

System action: The indicated MCS is not received. Processing continues with the next MCS.

Programmer response: Provide the missing data and resubmit the job.

GIM45302E DATA IS MISSING FROM THE *++mcstype* MCS FOR *mcsname*. *operand* IS REQUIRED.

Explanation:

mcstype type of MCS (PRODUCT or FEATURE)

mcsname

name for the MCS (product-id and vrm, or feature name)

operand missing MCS operand

The specified MCS is missing a required operand. For ++PRODUCT, either DESCRIPTION or SREL is missing. For ++FEATURE, either DESCRIPTION or PRODUCT is missing.

System action: The indicated MCS is not received. Processing continues with the next MCS.

Programmer response: Provide the missing operand and rerun the job.

GIM45401W *elmttype elmname* IN SYSMOD *sysmod* WAS NOT PROCESSED BECAUSE THE FMID ON THE ++VER STATEMENT DOES NOT MATCH THE FMID IN THE *enttype* ELEMENT ENTRY.

Explanation:

elmttype APAR or USERMOD

elmname

element name

sysmod SYSMOD ID

enttype entry type

System action: SYSMOD processing continues.

Programmer response: Check that the FMID value specified in the SYSMOD being installed is the correct value for all the elements in the SYSMOD.

GIM45500S VERIFICATION OF HASH VALUE OF FILE *filename* FAILED. SMP/E WILL NOT RETRY FILE RETRIEVAL.

Explanation:

filename name of file. If this name exceeds 300 characters in length, only the first 300 characters will appear in this message.

After the identified file was transferred by SMP/E, the computed hash value for the file did not match the expected hash value. This could signal an error during transmission of the file. SMP/E makes no more attempts at transferring the file.

System action: Command processing stops.

Programmer response: Contact the software provider to verify the integrity of identified file on the provider's server.

GIM45601W THE SMPTLIB DDDEF VOLUME SUBENTRY *subname1* WAS NOT UPDATED BECAUSE VOLUME SUBENTRY *subname2* ALREADY EXISTS IN THE VOLUME LIST.

Explanation:

subname1

an existing volume subentry value

subname2

the new volume subentry value

A ZONEEDIT CHANGE statement tried to change a volume subentry in the SMPTLIB entry to an already existing volume subentry.

System action: SYSMOD processing continues.

Programmer response: Do **one** of the following:

- If you want to use the ZONEEDIT command to change the indicated volume, specify a new value that does not currently exist in the SMPTLIB entry. Then rerun the command.
- If you want to delete the indicated volume, use the UCLIN command.
- If you do not want to change the volume, take no action.

GIM45700S SMP/E COULD NOT RESOLVE SERVER HOST NAME *hostname* TO AN IP ADDRESS.

Explanation:

hostname

Host name specified in SERVER data set

An error occurred when SMP/E attempted to resolve the specified host name to an IP address. Either the TCP/IP GETHOSTBYNAME service could not be loaded or it could not resolve the host name to an IP address.

System action: RECEIVE FROMNETWORK processing terminates.

Programmer response: Specify the host in the SERVER data set in dotted decimal format and rerun the RECEIVE.

GIM45800S PACKAGE *package* WAS NOT FOUND IN THE SMPNTS.

Explanation:

package package id

SMP/E could not locate the requested package in the SMPNTS directory. The package is expected in the */smpnts/package-id/* directory; where "smpnts" is the directory specified for the SMPNTS ddname, and "package-id" is the value specified on the FROMNTS operand of the RECEIVE command.

System action: Command processing stops.

Programmer response: Check that you have specified the correct package id.

GIM45900S PACKAGE *package* DOES NOT CONTAIN *datatype* DATA.

Explanation:*package* package id*datatype*

SMPHOLD, SMPPTFIN, or SMPRELF

The options you have specified on the RECEIVE command require one or more of the following data types:

- SMPHOLD
- SMPPTFIN
- SMPRELF.

Either the identified package does not contain all the required data types or the package directory within your SMPNTS does not contain all the required subdirectories for those data types.

System action: Command processing stops.

Programmer response: Make sure that both the package id and the RECEIVE command operands that you have specified are correct. Also, make sure that subdirectories named SMPHOLD, SMPPTFIN, and SMPRELF are defined in uppercase characters in the package directory within your SMPNTS. If everything appears to be correct and you still get this message, contact the supplier of the package.

GIM46000S AN ERROR OCCURRED WHILE SMP/E WAS EXPLODING MEMBER *member* IN THE ARCHIVE FILE *filename* FROM PACKAGE *package*.

Explanation:*member* member in the archive file*filename* archive file name*package* package id

SMP/E encountered an error while trying to expand the identified member from the identified archive file in the identified package.

System action: Command processing stops.

Programmer response: Check the output in the print file to determine the cause of the error. SYSPRINT is the default print file created by SMP/E if the active UTILITY entry for the HFSCOPY utility does not specify a PRINT subentry.

- If the output indicates "No space left on device" then increase the size available for the SMPDIR directory, or specify an SMPWKDIR DD statement to identify a different directory in a UNIX file system in to be used for large temporary files.
- If an abend occurred during job execution, or there is no output in the print file, then ensure the SCEERUN library is either in the link list or in the job's STEPLIB or JOBLIB.

GIM46100I PACKAGE *package* HAS BEEN DELETED FROM THE SMPNTS.

Explanation:*package* package id

SMP/E deleted the identified package.

System action: Command processing continues.

Programmer response: None.

GIM46200I *command* PROCESSING HAS FAILED BECAUSE THERE WAS AN FTP ERROR.

Explanation:*command*

an SMP/E command or service routine name

FTP detected an error and terminated.

System action: Command or service routine processing stops.

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Programmer response: Refer to the preceding GIM45201S message, the SYSPRINT data set, or both, to determine what error was encountered.

GIM46200S *command* **PROCESSING HAS FAILED BECAUSE THERE WAS AN FTP ERROR.**

Explanation:

command

an SMP/E command or service routine name

FTP detected an error and terminated.

System action: Command or service routine processing stops.

Programmer response: Refer to the preceding GIM45201S message, the SYSPRINT data set, or both, to determine what error was encountered.

GIM46300I *elmtyp elmname* **HAS BEEN COPIED INTO** *pathname*.

Explanation:

elmtyp element type

elmname

element name

pathname

the absolute pathname for the file

The indicated element has been copied into the file specified by pathname.

System action: None.

Programmer response: None.

GIM46400S **NO LMODS SATISFIED THE OPERANDS SPECIFIED ON THE LINK LMODS COMMAND.**

Explanation: SMP/E determines which load modules to link from the values specified on the LMODS operand and the CALLLIBS operand. SMP/E could not find any load module that satisfied the values specified on the LMODS and CALLLIBS operands.

System action: Command processing stops.

Programmer response: Review the values specified on the LMODS operand and the CALLLIBS operand. Change them if necessary and rerun the job.

GIM46500E **LINK PROCESSING FAILED FOR LMOD** *loadmod* **BECAUSE SYSLIB** *ddname* **COULD NOT BE ALLOCATED.**

Explanation:

loadmod load module name

ddname ddname of library

The load module could not be linked because the indicated library which contains the load module could not be allocated.

System action: Processing stops for the load module.

Programmer response: Review previous messages to determine why the allocation was unsuccessful. Fix the allocation error and rerun the job.

GIM46600S **THE CALLLIBS OPERAND IS REQUIRED WHEN THE LMODS OPERAND IS SPECIFIED WITHOUT ANY VALUES.**

Explanation: The CALLLIBS operand is required when the LMODS operand is specified without any values.

System action: Command processing stops.

Programmer response: Specify the CALLLIBS operand or specify a list of load module names on the LMODS operand.

GIM46700I *progrname* PACKAGE CONTROL STATEMENT PROCESSING FAILED.

Explanation:

progrname
program name (GIMZIP or GIMUNZIP)

An error occurred during processing of the Package Control Statements for the GIMZIP or GIMUNZIP routine.

System action: A prior message identifies the system action. GIMZIP or GIMUNZIP processing stops.

Programmer response: Fix the error and retry the operation.

GIM46701I PROCESSING HAS FAILED FOR THE *dataset* DATA SET ALLOCATED TO THE *ddname* DDNAME.

Explanation:

dataset data set being parsed
ddname ddname

An error occurred during processing of the indicated data set. Previous messages describe the specific error.

System action: Processing stops.

Programmer response: Correct the error and rerun the job.

GIM46702I PROCESSING HAS FAILED FOR THE FILE ATTRIBUTE FILE IN ARCHIVE *archive*.

Explanation:

archive pathname or archid of the archive. If this name exceeds 300 characters in length, only the first 300 characters will appear in the message.

An error occurred during processing of the file attribute file. Previous messages describe the specific error.

The file attribute file contains the file control statements that describe the attributes of a file and information about how the file was created. The file attribute file is named 'GIMFAE.XML' and is one of the component files in the indicated archive.

System action: Processing stops.

Programmer response: Correct the error and rerun the job.

GIM46703I PROCESSING HAS FAILED FOR PACKAGE ATTRIBUTE FILE *filename*.

Explanation:

filename name of the package attribute file

An error occurred during processing of the identified package attribute file. Previous messages describe the specific error.

The package attribute file contains the package attribute statements that describe the contents of the package and information about how the package was created.

System action: Processing stops.

Programmer response: Correct the error and rerun the job.

GIM46800I *outfile* WAS EXTRACTED FROM ARCHIVE *archive*.

Explanation:

outfile data set, file or directory name. If this name exceeds 200 characters in length, only the first 200 characters will appear in the message.

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archive pathname or archid of the archive. If this name exceeds 200 characters in length, only the first 200 characters will appear in the message.

GIMUNZIP successfully processed the named archive. The named archive was expanded in the UNIX file system. The data set, file or directory indicated in the message was successfully extracted from the named archive.

System action: GIMUNZIP processing continues.

Programmer response: None

GIM46900I AN ERROR OCCURRED WHILE SMP/E WAS COPYING *elmttype elmname* INTO *pathname*.

Explanation:

elmttype element type

elmname

element name

pathname

the absolute pathname for the file

An error occurred while SMP/E was copying the indicated element into the file specified by *pathname* in the UNIX file system.

System action: Subsequent messages indicate SMP/E's action.

Programmer response: Check previous SMP/E messages to determine what caused the copy to fail, fix the error, and then rerun the job.

GIM46901I AN ERROR OCCURRED WHILE SMP/E WAS COPYING *elmttype elmname* INTO LIBRARY *ddname*.

Explanation:

elmttype element type

elmname

element name

ddname ddname of the data set

An error occurred while SMP/E was copying the indicated element into the specified library.

System action: Subsequent messages indicate SMP/E's action.

Programmer response: Check previous SMP/E messages to determine what caused the copy to fail, fix the error, and then rerun the job.

GIM47000T *progrname* PROCESSING IS TERMINATED. THE *dataset* DATA SET CANNOT BE OPENED.

Explanation:

progrname

program name (GIMGTPKG, GIMZIP, or GIMUNZIP)

dataset ddname associated with the data set name

The indicated data set is required for the named program. However, the data set could not be opened.

System action: Processing is terminated.

Programmer response: Do one of the following:

- If the JCL was missing a DD statement for the data set, add one.
- If the data set name was incorrect, specify the correct name.

Then rerun the job.

GIM47100S *progname* PROCESSING FAILED BECAUSE IT WAS UNABLE TO OBTAIN THE REQUIRED FILE ATTRIBUTES FOR *infile*.

Explanation:*progname*

program name (GIMZIP or GIMUNZIP)

infile name of the input file. If this name exceeds 300 characters in length, only the first 300 characters will appear in the message.

Processing failed because a required attribute for the named file, directory, or data set could not be obtained.

System action: Processing stops.

Programmer response: Ensure that the files, directories, and data sets you are processing have the required file attributes specified. Correct any errors and rerun the job.

GIM47200I FILES HAVE BEEN EXTRACTED FROM *elmttype elmname* INTO DIRECTORY *directory*. SEQUENCE NUMBER *seqno*.

Explanation:*elmttype* element type*elmname*

element name

directory

the absolute pathname for the directory

seqno output sequence number

Using the Java jar command, files have been extracted from the indicated archive file element and stored in the indicated directory in the UNIX file system. The output sequence number matches the sequence number of the jar command output in the print file.

Note: SYSPRINT is SMP/E's default print file and is used if no PRINT subentry was specified in the active UTILITY entry for the HFSCOPY utility.

System action: None.

Programmer response: None.

GIM47300E AN ERROR OCCURRED WHILE SMP/E WAS EXTRACTING FILES FROM *elmttype elmname* IN FILE *pathname* SEQUENCE NUMBER *seqno*.

Explanation:*elmttype* element type*elmname*

element name

pathname

the absolute pathname for the file

seqno output sequence number

An error occurred while SMP/E was extracting the files from the indicated archive file using the Java jar command. The output sequence number matches the sequence number of the jar command output in the print file.

Note: SYSPRINT is SMP/E's default print file and is used if no PRINT subentry was specified in the active UTILITY entry for the HFSCOPY utility.

System action: Subsequent messages indicate SMP/E's action.

Programmer response: Check the jar command output in the print file to determine the cause of the error. The output sequence number may be used as an index into the print file to find the output. Fix the error and rerun the job.

If an abend occurred during job execution, or there is no output in the print file, then ensure the SCEERUN library is either in the link list or in the job's STEPLIB or JOBLIB.

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If the output indicates the jar command is unknown, then ensure that the directory of the Java 2 Technology Edition that is specified using either an SMPJHOME DD statement or DDDEF entry is correct. For example, if Java 1.4 is installed in the /usr/lpp/java/J1.4 directory, the following DD statement should be used:

```
//SMPJHOME DD PATH='/usr/lpp/java/J1.4'
```

GIM47301E SMP/E COULD NOT UPDATE *etype ename* BECAUSE THE JAVA RUNTIME LOCATION (THE JAVA HOME DIRECTORY) IS NOT DEFINED.

Explanation:

etype element type
ename element name

SMP/E attempted to use the Java jar command, but the Java runtime location (the Java home directory) is not specified. Therefore, SMP/E cannot invoke this command.

System action: Subsequent messages indicate SMP/E's action.

Programmer response: Use the SMPJHOME DD statement or DDDEF entry to specify the directory where the Java runtime resides, then rerun the job. For example:

```
//SMPJHOME DD PATH='/usr/lpp/java/J1.4'
```

GIM47400S THE *ddname* DD STATEMENT MUST BE ALLOCATED TO A DIRECTORY.

Explanation:

ddname DD or DDDEF name.

The identified DD must be allocated to a directory in the UNIX file system.

System action: Processing stops.

Programmer response: Allocate the identified DD or DDDEF to a directory and rerun the command or job.

GIM47500I ARCHIVE PROCESSING IS COMPLETE FOR *infile*.

Explanation:

infile name of the input file. If this name exceeds 300 characters in length, only the first 300 characters will appear in the message.

GIMZIP successfully archived the named input file.

System action: GIMZIP processing continues.

Programmer response: None

GIM47501I *infile* WAS COPIED INTO *outfile*.

Explanation:

infile name of the input file. If this name exceeds 200 characters in length, only the first 200 characters will appear in the message.

outfile name of the output file. If this name exceeds 200 characters in length, only the first 200 characters will appear in the message.

GIMZIP successfully copied the named file (as a text file) into the UNIX file system as the name of the output file indicated in the message.

System action: GIMZIP processing continues.

Programmer response: None

GIM47502I DATA SET *dsname* WAS ARCHIVED INTO *directory* AS SEGMENT FILES.

Explanation:

dsname data set name of the input file

directory

directory name

GIMZIP successfully processed the named input file. The named input file was segmented and archived into the UNIX file system into the indicated directory.

System action: Processing continues.

Programmer response: None.

GIM47600I PACKAGE *package* WAS SUCCESSFULLY STAGED TO THE SMPNTS.

Explanation:

package package id.

The identified package has been staged successfully into the SMPNTS.

System action: Processing continues.

Programmer response: None.

GIM47601I PACKAGE *package* WAS PARTIALLY STAGED TO THE SMPNTS.

Explanation:

package package id.

Part of the identified package has been staged into the SMPNTS. An error prevented the complete package from being staged.

System action: Processing stops because of the previously identified error.

Programmer response: Refer to the previously identified error. Fix the error and rerun the RECEIVE.

GIM47700S PACKAGE *package* ALREADY EXISTS IN THE SMPNTS.

Explanation:

package package id.

A package with the specified id already exists in the SMPNTS directory. SMP/E will not overlay this existing package.

System action: Processing stops.

Programmer response: If you want to overlay the existing package, delete the files within the package id subdirectory and rerun the RECEIVE. If you want to keep the existing package, specify a unique package id and rerun the RECEIVE.

GIM47800S AN ERROR OCCURRED WHILE *progrname* WAS PROCESSING ARCHIVE *archive*.

Explanation:

progrname

SMP/E routine that failed (GIMUNZIP or GIMZIP)

archive pathname or archid of the archive. If this name exceeds 300 characters in length, only the first 300 characters will appear in the message.

The indicated SMP/E routine failed because it could not successfully create or retrieve an archive file. If the routine that failed was GIMZIP, the archive was being created. If the routine that failed was GIMUNZIP, the archive was being retrieved.

System action: Processing stops.

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Programmer response: If a previous message in SMPDOUT does not identify the problem that must be resolved, review the associated SYSPRINT data set to identify the error. In either case, correct the error and rerun the job. If the error persists, call your IBM support representative.

GIM47801S AN ERROR OCCURRED WHILE COPYING *infile* INTO *outfile*.

Explanation:

infile name of the input file. If this name exceeds 200 characters in length, only the first 200 characters will appear in the message.
outfile name of the output file. If this name exceeds 200 characters in length, only the first 200 characters will appear in the message.

An error occurred while trying to copy the named input file into the named output file in the UNIX file system.

System action: Processing stops.

Programmer response: If a previous message in SMPDOUT does not identify the problem that must be resolved, review the associated SYSPRINT data set to identify the error. In either case, correct the error and rerun the job. If the error persists, call your IBM support representative.

GIM47802S AN ERROR OCCURRED WHILE USING IDCAMS TO COPY DATA FROM CLUSTER *dataset* INTO *outfile*.

Explanation:

dataset name of data set whose data is being copied
outfile ddname that is to receive the data

An error occurred while trying to copy data from the named data set to the named output file.

System action: Processing stops.

Programmer response: Review messages in the SYSPRINT data set to identify the error. Correct the error and rerun the job. If the error persists, call your IBM support representative.

GIM47803S IDCAMS PROCESSING FAILED FOR VSAM DATA SET *destination_datasetname*.

Explanation:

destination_datasetname
the data set name that is to receive the data extracted from an archive

An error occurred when IDCAMS was invoked to store archived VSAM data into the destination data set. If the destination data set did not previously exist, then the DEFINE command was specified to allocate the VSAM data set, followed by the REPRO command to load the data set with the data from the archive. If the destination data set did previously exist, then the ALTER command may be used to prepare the destination cluster for processing by the REPRO command so that the data from the archive replaces any data in the existing data set.

System action: Processing stops.

Programmer response: Examine the SYSPRINT output from IDCAMS to determine the error encountered when the IDCAM command(s) was/were processed. Correct the error and rerun the job.

Note: If the DEFINE command failed because a volume was not specified and an SMS-managed volume was not properly assigned for the destination VSAM data set, try one of the following:

- Specify a destination volume with the volume attribute on the <ARCHDEF> tag.
 - Specify an asterisk ("*") for a volume with the volume attribute of the <ARCHDEF> tag. This indicates to the IDCAMS DEFINE command that an SMS-managed volume should be assigned to the destination data set.
 - Define the destination data set prior to using GIMUNZIP to extract the archive.
-

GIM47900S REQUIRED COMPONENT FILE *filename* WAS NOT FOUND IN ARCHIVE *archive*.

Explanation:

filename name of component file

archive pathname or archid of the archive. If this name exceeds 300 characters in length, only the first 300 characters will appear in the message.

The GIMUNZIP routine failed because the required component file was not found in the indicated archive.

System action: Processing stops.

Programmer response: Review the associated SYSPRINT data set to identify the error. If the name of the missing component file was 'GIMFAF.XML', GIMUNZIP cannot process the archive.

GIM48000S THE *keyword* KEYWORD HAS BEEN SPECIFIED MORE THAN ONCE IN A FILE OR ARCHIVE DEFINITION GROUP IN THE *dataset* DATA SET.

Explanation:

keyword duplicate keyword operand

dataset ddname of the data set

The identified keyword operand was found more than once while GIMZIP was processing a file definition group or while GIMUNZIP was processing an archive definition group in the indicated data set.

System action: Command processing stops.

Programmer response: Correct the syntax by deleting the duplicate keyword, and rerun the job.

GIM48100S GIMZIP PROCESSING FAILED. *infile* IS NOT VALID FOR THE SPECIFIED FILE TYPE OF '*filetype*'.

Explanation:

infile name of the input file. If this name exceeds 300 characters in length, only the first 300 characters will appear in the message.

filetype GIMZIP file type specified

GIMZIP processing failed because the input file attributes were invalid for the file type specified. The input file attributes were not valid based on the following requirements.

- If the file type specified was 'README', the input file must be a file in the UNIX file system or a sequential data set which does not have a record format of VS (variable spanned).
- If the file type specified was 'SMPPTFIN' or 'SMPHOLD', the input file must be a file in the UNIX file system or a sequential data set with a record format of FB (fixed block) and a logical record length of eighty (80) bytes.
- If the file type specified was 'SMPRELF', the input file must be a partitioned (PO) data set or an IEBCOPY unloaded format partitioned data set.

System action: Command processing stops.

Programmer response: Change the appropriate input file attributes or file types, based on the valid GIMZIP combinations, and rerun the job.

GIM48101I THE *attribute* ATTRIBUTE WAS IGNORED BY *routine* WHEN PROCESSING *name*.

Explanation:

attribute

attribute name

routine SMP/E routine being processed

name archid, archive name, data set name, directory name, or file name. If this name exceeds 300 characters in length, only the first 300 characters will appear in the message.

The indicated *attribute* was specified on either the file definition tag during GIMZIP processing or on the archive definition tag during GIMUNZIP processing. The *attribute* was ignored by the indicated routine because it is not used when processing the type of data structure identified by *name* or contained within the archive identified by *name*.

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System action: Processing continues.

Programmer response: None.

GIM48200W *command* **PROCESSING WAS NOT ABLE TO REMOVE THE *pathname* DIRECTORY.**

Explanation:

command

SMP/E command or routine

pathname

the absolute pathname for the directory. If this name exceeds 300 characters in length, only the first 300 characters will appear in this message.

An error occurred while SMP/E attempted to delete the indicated directory.

System action: Processing continues.

Programmer response: If this message is preceded by message GIM43500S, use the information in that message to identify the error. Otherwise, review the associated SYSPRINT data set to identify the error. Delete the directory before rerunning the job.

GIM48200S *progrname* **PROCESSING WAS NOT ABLE TO REMOVE THE *directory* DIRECTORY.**

Explanation:

progrname

SMP/E routine that failed (RECEIVE, GIMUNZIP, or GIMZIP)

directory

name of directory. If this name exceeds 300 characters in length, only the first 300 characters will appear in this message.

The indicated SMP/E routine was unable to remove the specified directory.

System action: Processing stops.

Programmer response: If this message is preceded by message GIM43500S, use the information in that message to identify the error. Otherwise, review the associated SYSPRINT data set to identify the error. Delete the directory before rerunning the job.

GIM48201W *command* **PROCESSING WAS NOT ABLE TO REMOVE THE *pathname* DIRECTORY. SEQUENCE NUMBER *seqno*.**

Explanation:

command

SMP/E command or routine

pathname

the absolute pathname for the directory

seqno

output sequence number

An error occurred while SMP/E attempted to delete the indicated directory. The output sequence number matches the sequence number of the UNIX 'rm' command output in the print file.

Note: SYSPRINT is SMP/E's default print file and is used if no PRINT subentry was specified in the active UTILITY entry for the HFSCOPY utility.

System action: Processing continues.

Programmer response: Check the UNIX rm command output in the print file to determine the cause of the error. The output sequence number may be used as an index into the print file to find the output. Delete the indicated directory.

GIM48300S *enttype entname* **COULD NOT BE SAVED IN THE *library* LIBRARY BECAUSE IT RAN OUT OF SPACE.**

Explanation:*enttype* entry type*entname*

entry name

library ddname of the library

The indicated library ran out of space.

System action: Command processing stops.

Programmer response: Do any of the following:

- Increase the size of the library being processed.
- Define spill data sets for the SMPPTS. A spill data set can be defined using a JCL DD statement or a DDDEF entry. See *SMP/E for z/OS Reference* for information on defining SMPPTS spill data sets.
- Reduce the number of SYSMODs being saved in the SMPPTS by doing a REJECT or by accepting SYSMODs that have already been applied.

Then rerun the job.

GIM48400S *enttype entname* **COULD NOT BE SAVED BECAUSE THE SMPPTS AND ALL OF ITS SPILL DATA SETS RAN OUT OF SPACE.**

Explanation:*enttype* entry type*entname*

entry name

The specified member could not be save because the SMPPTS and all of its spill data sets are out of space or directory blocks.

System action: Command processing stops.

Programmer response: Do any of the following:

- Increase the size of the SMPPTS or one or more of the spill data sets.
- Define additional SMPPTS spill data sets. See *SMP/E for z/OS Reference* for information on defining SMPPTS spill data sets.
- Reduce the number of SYSMODs being saved in the SMPPTS and its spill data sets by doing a REJECT or by accepting SYSMODs that have already been applied.

Then rerun the job.

GIM48500I **THE *oldlib* LIBRARY RAN OUT OF SPACE. SMP/E WILL INSTEAD ATTEMPT TO STORE *enttype entname* IN THE *newlib* LIBRARY.**

Explanation:*oldlib* ddname of library that ran out of space*enttype* entry type*entname*

entry name

newlib ddname of new library

oldlib ran out of space. An attempt is made to save the member in library *newlib* instead.

System action: Processing continues.

Programmer response: See subsequent messages to determine what action, if any, should be taken.

GIM48600S THE DIRECTORY ASSOCIATED WITH THE SMPDIR DD STATEMENT (*directory*) MUST BE EMPTY FOR GIMZIP PROCESSING TO CONTINUE.

Explanation:

directory
name of directory

The indicated directory will be used by GIMZIP to generate a network transportable software package. It must be empty at the start of GIMZIP processing.

System action: Processing stops.

Programmer response: Delete the contents of this directory and rerun the job.

GIM48700S THE *subdir* ATTRIBUTE CANNOT BE SPECIFIED WITH A FILE TYPE OF '*filetype*'.

Explanation:

filetype GIMZIP file type specified

A subdirectory name was specified for a file with a file type of 'SMPPTFIN', 'SMPRELF' or 'SMPHOLD'. A subdirectory name can only be specified for a file with a file type of 'README' or a file with no specified file type.

System action: Processing stops.

Programmer response: Correct the error and rerun the job.

GIM48750S THE *subdir* ATTRIBUTE VALUE CANNOT START WITH 'SMP'.

Explanation: 'SMP', all capitalized, cannot be specified as the first three characters of the subdirectory name.

System action: Processing stops.

Programmer response: Correct the error and rerun the job.

GIM48800I DIRECTORY SPACE FOR THE *oldlib* LIBRARY WAS EXCEEDED DURING AN ATTEMPT TO STORE *enttype* ENTRY *entname*. SMP/E WILL INSTEAD ATTEMPT TO STORE *enttype entname* IN THE *newlib* LIBRARY.

Explanation:

oldlib ddname of library being processed
enttype entry type
entname
entry name
newlib ddname of new library

When SMP/E tried to store the element in the indicated library, it exceeded the number of directory blocks allocated to the library. An attempt is made to save the member in library *newlib* instead.

System action: SMP/E does not store the member. Messages that follow this message show the actions taken by SMP/E.

Programmer response: Increase the directory block allocation for the indicated library if possible. See subsequent messages to determine what other actions, if any, should be taken.

GIM48900S THE PACKAGE ATTRIBUTE FILE DOES NOT CONTAIN AN ENTRY FOR REQUIRED ARCHIVE *archive*.

Explanation:

archive pathname or archid of the archive. If this name exceeds 300 characters in length, only the first 300 characters will appear in the message.

GIMUNZIP could not locate an entry for the indicated archive name in the package attribute file.

System action: Processing stops.

Programmer response: Ensure that the archives listed in the GIMUNZIP SYSIN input stream have a matching entry in the package attribute file within the directory pointed to by the SMPDIR DD statement. Also, ensure that the directory pointed to by the SMPDIR DD statement contains the appropriate package attribute file for the archives listed in the GIMUNZIP SYSIN input stream.

GIM49000S *progrname* **COULD NOT LOCATE THE REQUIRED PACKAGE ATTRIBUTE FILE '*filename*' WITHIN THE DIRECTORY NAMED ON THE *ddname* DD STATEMENT.**

Explanation:

progrname program name
filename file name
ddname ddname

The indicated program could not locate the package attribute file, which is required for processing.

System action: Processing stops.

Programmer response: Ensure that the required package attribute file exists within the parent UNIX file system directory pointed to by the SMPDIR DD statement.

GIM49001S *filetype name* **COULD NOT BE FOUND WITHIN THE DIRECTORY NAMED ON THE *ddname* DD STATEMENT.**

Explanation:

filetype ARCHIVE or ARCHSEG
name file name or archid of the archive file, or the file name of the archive segment. If this name exceeds 300 characters in length, only the first 300 characters will appear in the message.
ddname ddname for the DD statement

GIMUNZIP could not find the indicated file in the directory or could not find the archive file identified by the indicated archid value in the directory.

System action: Processing stops.

Programmer response: Ensure the archive or archid specified as input to the GIMUNZIP service is the desired value. If an archive name was specified, ensure that it exists in the directory. If an archid was specified, ensure that it is the correct archid for the desired archive.

GIM49002S *command* **COMMAND PROCESSING HAS FAILED. SMP/E COULD NOT LOCATE THE REQUIRED PACKAGE ATTRIBUTE FILE *filename* WITHIN THE *package-id* PACKAGE.**

Explanation:

command SMP/E command
filename file name
package-id id for the package in the SMPNTS directory

SMP/E could not find the Package Attribute File in the subdirectory for the indicated package in the SMPNTS directory.

System action: Command processing stops.

Programmer response: Ensure the correct package-id value was specified on the RECEIVE command.

GIM49010S *filetype* **FILE *filename* COULD NOT BE FOUND WITHIN THE *package-id* PACKAGE.**

Explanation:

filetype ARCHIVE, ARCHSEG, SMPHOLD, SMPPTFIN, or SMPRELF
filename file name
package-id id for the package in the SMPNTS directory

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SMP/E could not find the indicated file within the indicated package in the SMPNTS directory.

System action: Command processing stops.

Programmer response: Components of the package being processed are missing and are unable to be processed. The package should be refreshed before trying the command again.

GIM49011S AN ERROR OCCURRED WHILE CREATING ARCHIVE FILE *filename* FROM ITS SEGMENTS.

Explanation:

filename file name

SMP/E was creating an archive file from individual archive segments when an error occurred.

System action: Command processing stops.

Programmer response: It is possible that the directory ran out of space. Ensure that the directory has enough space to process this archive file.

GIM49100S VERIFICATION OF THE HASH VALUE FAILED FOR FILE *name*.

Explanation:

name pathname or archid of the archive file, or the pathname of the archive segment. If this name exceeds 300 characters in length, only the first 300 characters will appear in the message.

The computed hash value of the indicated file did not match its hash value listed in the package attribute file. This could indicate that an error occurred during transmission of the file.

System action: Processing stops.

Programmer response: Refresh the package or contact the provider of the indicated file.

GIM49200S DATA SET *dataset* IS EMPTY. AN EMPTY DATA SET CANNOT BE PART OF A PACKAGE.

Explanation:

dataset data set name

The indicated data set was part of a package defined for GIMZIP processing. GIMZIP found that the data set was empty and this is not allowed. Note that empty means that the data set had no records if it is sequential or that it had no members if it is a PDS or PDSE.

System action: GIMZIP processing stops.

Programmer response: It is likely that the wrong data set was specified as part of the package for GIMZIP processing. If this is the case, correct the name of the data set and rerun the job. If the right data set name was specified, determine why it is empty and correct the problem.

GIM49300I FILE *pathname* HAS BEEN UPDATED WITH *elmtyp* *elmname* FROM SYSMOD *sysmod*. SEQUENCE NUMBER *seqno*.

Explanation:

pathname

the absolute pathname for the file

elmtyp element type

elmname

element name

sysmod SYSMOD ID

seqno output sequence number

The indicated archive file element in *pathname* has been updated with the indicated element update supplied by SYSMOD *sysmod*. The output sequence number matches the sequence number of the jar command output in the print file.

Note: SYSPRINT is SMP/E's default print file and is used if no PRINT subentry was specified in the active UTILITY entry for the HFSCOPY utility.

System action: None.

Programmer response: None.

GIM49400E UPDATE PROCESSING FAILED FOR *elmtype elmname* IN FILE *pathname*. SEQUENCE NUMBER *seqno*.

Explanation:

elmtype element type

elmname

element name

pathname

the absolute pathname for the file

seqno

output sequence number

An error occurred while SMP/E was updating the indicated archive file using the Java jar command. The output sequence number matches the sequence number of the jar command output in the print file.

Note: SYSPRINT is SMP/E's default print file and is used if no PRINT subentry was specified in the active UTILITY entry for the HFSCOPY utility.

System action: Subsequent messages indicate SMP/E's action.

Programmer response: Check the jar command output in the print file to determine the cause of the error. The output sequence number may be used as an index into the print file to find the output. Fix the error and rerun the job.

If the jar command output indicates the update option is not supported ("Illegal option: u"), then ensure Java 2 Technology Edition is available in the SMP/E execution environment. The SMPJHOME DD statement or DDDEF entry should be used to specify the directory where the Java runtime resides. For example, if Java 1.4 is installed in the /usr/lpp/java/J1.4 directory, then the following DD statement should be used:

```
//SMPJHOME DD PATH='/usr/lpp/java/J1.4'
```

GIM49500I *pathname* HAS BEEN DELETED.

Explanation:

pathname

the absolute pathname for the directory or file

SMP/E deleted the indicated directory or file from the UNIX file system.

System action: None.

Programmer response: none.

GIM49600I AN ERROR OCCURRED WHILE SMP/E WAS DELETING *pathname*.

Explanation:

pathname

the absolute pathname for the directory or file

An error occurred while SMP/E was deleting the indicated directory or file from a UNIX file system.

System action: Subsequent messages indicate SMP/E's action.

Programmer response: Check previous SMP/E messages to determine what caused the delete to fail. If subsequent messages indicate this delete failure has caused SYSMOD processing to fail, then fix the error and rerun the job. Otherwise, delete the indicated directory or file.

GIM49700I HFSCOPY PROCESSING TO THE *ddname* LIBRARY WAS SUCCESSFUL FOR *elmttype elmname*. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

ddname ddname of the library being processed
elmttype element type
elmname element name
rtncode utility return code
yy.ddd year and Julian day
hh:mm:ss military hour, minutes, seconds
seqno utility sequence number

The indicated element was successfully copied to the indicated library.

System action: none.

Programmer response: None.

GIM49700W HFSCOPY PROCESSING TO THE *ddname* LIBRARY WAS SUCCESSFUL FOR *elmttype elmname*. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

ddname ddname of the library being processed
elmttype element type
elmname element name
rtncode utility return code
yy.ddd year and Julian day
hh:mm:ss military hour, minutes, seconds
seqno utility sequence number

Because the return code from HFS copy utility processing did not exceed the maximum acceptable return code, processing was considered successful for the indicated element. However, because the return code from HFS copy processing was not zero, processing may not have produced results that you consider acceptable. The utility sequence number matches the sequence number on the utility's SYSPRINT output.

System action: Processing continues.

Programmer response: Check the HFS copy SYSPRINT output to determine whether the results are what you consider acceptable. If the results are acceptable, no further action is necessary. If the results are not acceptable, you must take post-installation steps to achieve acceptable results.

GIM49800I UPDATE PROCESSING FOR SYSMOD *sysmod* WAS SUCCESSFUL FOR *elmttype elmname* IN THE *ddname* LIBRARY. DATE *yy.ddd*- TIME *hh:mm:ss*.

Explanation:

sysmod SYSMOD ID
elmttype element type
elmname element name
ddname ddname of the library being processed
yy.ddd year and Julian day
hh:mm:ss military hour, minutes, seconds

The indicated element has been updated with the element update supplied by SYSMOD *sysmod*.

System action: None.

Programmer response: None.

GIM49900E HFSCOPY PROCESSING TO THE *ddname* LIBRARY FAILED FOR *elmttype elmname*. THE RETURN CODE (*rtncode*) EXCEEDED THE ALLOWABLE VALUE. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

ddname ddname of the library being processed
elmttype element type
elmname element name
rtncode utility return code
yy.ddd year and Julian day
hh:mm:ss military hour, minutes, seconds
seqno utility sequence number

HFSCOPY processing failed for the indicated element.

System action: Subsequent messages indicate SMP/E's action.

Programmer response: Check the utility output in the print file to determine the cause of the error. The utility sequence number may be used as an index into the print file to find the output. Fix the error and rerun the job.

However, if the element in the target directory has been damaged by the failed copy operation and is beyond repair, then determine the last SYSMOD to replace the element, and APPLY REDO that SYSMOD, thus replacing the element. Then you can fix the error and rerun the job.

GIM50001E THERE IS AN ERROR IN *systype* SYSMOD *sysmod*.

Explanation:

systype SYSMOD type
sysmod SYSMOD ID or blank, if unknown

Note: This message immediately follows message GIM203xx, which is immediately preceded by the line that has the syntax error.

System action: SYSMOD processing stops.

Programmer response: Do **one** of the following:

- Look for the specified SYSMOD. Fix the syntax error and rerun the job.
- If you cannot find the SYSMOD in error, use the RECEIVE LIST option to rerun your SMPPTFIN stream. SMP/E will print out the entire SMPPTFIN stream. Fix the syntax error and rerun the job.

GIM50002E THERE IS AN ERROR IN AN UNKNOWN TYPE OF SYSMOD *sysmod*.

Explanation:

sysmod SYSMOD ID or blank, if unknown

Note: This message immediately follows message GIM203xx, which is immediately preceded by the line that has the syntax error.

System action: SYSMOD processing stops.

Programmer response: Do **one** of the following:

- Look for the specified SYSMOD ID. Fix the syntax error and rerun the job.
- If you cannot find the SYSMOD in error, use the RECEIVE LIST option to rerun your SMPPTFIN stream. SMP/E will print out the entire SMPPTFIN stream. Fix the syntax error and rerun the job.

GIM50003E THERE IS AN ERROR IN A ++*mcstype* MCS FOR ELEMENT *elmname* IN *systype* SYSMOD *sysmod*.

Explanation:

mcstype MCS type or blank, if unknown
elmname element name or blank, if unknown

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systype SYSMOD type
sysmod SYSMOD ID or blank, if unknown

Note: This message immediately follows message GIM203xx, which is immediately preceded by the line that has the syntax error.

System action: SYSMOD processing stops.

Programmer response: Do **one** of the following:

- Look for the specified SYSMOD and check the format of the operand on the specified MCS. Fix the syntax error and rerun the job.
- If you cannot find the SYSMOD in error, use the RECEIVE LIST option to rerun your SMPPTFIN stream. SMP/E will print out the entire SMPPTFIN stream. Fix the syntax error and rerun the job.

GIM50004E THERE IS AN ERROR IN AN UNKNOWN MCS FOR *systype* SYSMOD *sysmod*.

Explanation:

systype SYSMOD type
sysmod SYSMOD ID or blank, if unknown

Note: This message immediately follows message GIM203xx, which is immediately preceded by the line that has the syntax error.

System action: SYSMOD processing stops.

Programmer response: Do **one** of the following:

- Look for the specified SYSMOD and check the format of the MCS-type operand on the MCS statement. Fix the syntax error and rerun the job.
- If you cannot find the SYSMOD in error, use the RECEIVE LIST option to rerun your SMPPTFIN stream. SMP/E will print out the entire SMPPTFIN stream. Fix the syntax error and rerun the job.

GIM50005E THERE IS AN ERROR IN A ++*mcstype* MCS FOR AN UNKNOWN ELEMENT IN *systype* SYSMOD *sysmod*.

Explanation:

mcstype MCS type
systype SYSMOD type
sysmod SYSMOD ID or blank, if unknown

Note: This message immediately follows message GIM203xx, which is immediately preceded by the line that has the syntax error.

System action: SYSMOD processing stops.

Programmer response: Do **one** of the following:

- Look for the specified SYSMOD and check the format of the element name on the specified MCS. Fix the syntax error and rerun the job.
- If you cannot find the SYSMOD in error, use the RECEIVE LIST option to rerun your SMPPTFIN stream. SMP/E will print out the entire SMPPTFIN stream. Fix the syntax error and rerun the job.

GIM50006E THERE IS AN ERROR IN A ++IF MCS ASSOCIATED WITH ++VER MCS *number* IN *systype* SYSMOD *sysmod*.

Explanation:

number number of the ++VER MCS
systype SYSMOD type
sysmod SYSMOD ID or blank, if unknown

Note: This message immediately follows message GIM203xx, which is immediately preceded by the line that has the syntax error.

System action: SYSMOD processing stops.

Programmer response: Do **one** of the following:

- Look for the specified SYSMOD and check the specified MCS. Fix the syntax error and rerun the job.
- If you cannot find the SYSMOD in error, use the RECEIVE LIST option to rerun your SMPPTFIN stream. SMP/E will print out the entire SMPPTFIN stream. Fix the syntax error and rerun the job.

GIM50007E THERE IS AN ERROR IN ++VER MCS *number* IN *systype* SYSMOD *sysmod*.

Explanation:

number number of the ++VER MCS
systype SYSMOD type
sysmod SYSMOD ID or blank, if unknown

Note: This message immediately follows message GIM203xx, which is immediately preceded by the line that has the syntax error.

System action: SYSMOD processing stops.

Programmer response: Do **one** of the following:

- Look for the specified SYSMOD and check the specified MCS. Fix the syntax error and rerun the job.
- If you cannot find the SYSMOD in error, use the RECEIVE LIST option to rerun your SMPPTFIN stream. SMP/E will print out the entire SMPPTFIN stream. Fix the syntax error and rerun the job.

GIM50008E THERE IS AN ERROR IN A ++*mcstype* MCS FOR *systype* SYSMOD *sysmod*.

Explanation:

mcstype MCS type
systype SYSMOD type
sysmod SYSMOD ID or blank, if unknown

Note: This message immediately follows message GIM203xx, which is immediately preceded by the line that has the syntax error.

System action: SYSMOD processing stops.

Programmer response: Do **one** of the following:

- Look for the specified SYSMOD and check the specified MCS. Fix the syntax error and rerun the job.
- If you cannot find the SYSMOD in error, use the RECEIVE LIST option to rerun your SMPPTFIN stream. SMP/E will print out the entire SMPPTFIN stream. Fix the syntax error and rerun the job.

GIM50050I *command* PROCESSING FOR SYSMOD *sysmod* ENCOUNTERED THE DESCRIPTION OPERAND ON THE HEADER MCS. THIS OPERAND IS IGNORED SINCE IT IS SUPPORTED ONLY BY OS/390 R7 SMP/E OR HIGHER.

Explanation:

command
 SMP/E command
sysmod SYSMOD name

A SYSMOD MCS contains a description operand, but you are running a level of SMP/E that does not support the description operand.

System action: Command processing continues.

Programmer response: If you wish to make use of the description operand, use OS/390 SMP/E Release 7 or higher. Otherwise, ignore this message.

GIM50051W *command* PROCESSING ENCOUNTERED A ++*mcstype* MCS. THIS MCS IS IGNORED SINCE IT IS SUPPORTED ONLY BY OS/390 RELEASE 7 SMP/E, OR HIGHER.

Explanation:

command
 SMP/E command

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mcstype MCS type

The MCS type being processed is either a ++PRODUCT or ++FEATURE, but you are running a level of SMP/E that does not support that MCS type.

System action: The ++PRODUCT or ++FEATURE MCS is ignored. Processing continues with the next MCS statement.

Programmer response: If you wish to process a ++FEATURE or ++PRODUCT, use OS/390 SMP/E Release 7 or higher. Otherwise, ignore this message.

GIM50052E *command* PROCESSING FAILED FOR SYSMOD *sysmod* BECAUSE IT CONTAINS THE ++*mcstype* MCS. THIS MCS IS ONLY SUPPORTED BY SMP/E VERSION *ver* RELEASE *rel* OR HIGHER.

Explanation:

command

SMP/E command

sysmod SYSMOD name

mcstype MCS type

ver SMP/E version

rel SMP/E release

The SMP/E command being processed has encountered a SYSMOD that contains an MCS type that is supported only in the specified SMP/E release or higher. You are running at a level of SMP/E below this specified level.

System action: SYSMOD processing stops.

Programmer response: If you wish to process this SYSMOD, use the specified level of SMP/E or higher. Otherwise, ignore this message.

GIM50053E *command* PROCESSING FAILED FOR SYSMOD *sysmod* BECAUSE THE ++*mcstype* FOR ELEMENT *elmname* CONTAINS THE *operand* OPERAND. THIS OPERAND IS SUPPORTED ONLY BY OS/390 RELEASE 7 SMP/E, OR HIGHER.

Explanation:

command

SMP/E command

sysmod SYSMOD name

mcstype MCS type

elmname

element name

operand operand

SMP/E processing encountered an operand on an MCS statement that is supported only by SMP/E OS/390 Release 7 or higher.

System action: SYSMOD processing stops.

Programmer response: If you wish to process this SYSMOD, use OS/390 SMP/E Release 7 or higher. Otherwise, ignore this message.

GIM50101S *operand1* IS NOT ALLOWED BECAUSE *operand2* WAS NOT SPECIFIED.

Explanation:

operand1

the first operand

operand2

the second operand

The command being processed specified the first operand without the second one. This is not allowed.

System action: Command processing fails. SMP/E continues to check the syntax in SMP_CNTL.

Programmer response: For more information about which operands must be specified together, see *SMP/E for z/OS Commands*.

Remove or add the desired operands and rerun the job.

GIM50201E *command* PROCESSING FAILED FOR SYSMOD *sysmod* BECAUSE *operand* WAS NOT SPECIFIED.

Explanation:

command

an SMP/E command

sysmod SYSMOD ID

operand operand

The indicated SYSMOD was not processed because an operand that would have allowed it to be processed was not specified.

System action: SYSMOD processing stops. Processing continues with the next SYSMOD.

Programmer response: If you want SMP/E to process the indicated SYSMOD, add the operand stated in the message and rerun the job.

GIM50202E *command* PROCESSING FAILED FOR SYSMOD *sysmod* BECAUSE IT HAS ALREADY BEEN INSTALLED.

Explanation:

command

an SMP/E command

sysmod SYSMOD ID

The indicated SYSMOD was not processed because it has already been installed.

System action: Command processing stops for the indicated SYSMOD.

Programmer response: The indicated SYSMOD has already been applied or accepted, so you must determine if you need to apply or accept the SYSMOD again. In most cases you should not apply or accept the SYSMOD again, therefore, remove the SYSMOD from the SELECT list and rerun the job. If you do want to apply or accept the SYSMOD again, add the REDO operand and rerun the job.

GIM50301S *value* WAS NOT PROCESSED BECAUSE IT IS NOT AN FMIDSET DEFINED IN THE GLOBAL ZONE.

Explanation:

value value

SMP/E tried to determine whether the indicated value is an FMID or an FMIDSET name. The value is not 7 characters long, so it is not an FMID. Therefore, SMP/E checked whether there was an FMIDSET entry defined in the global zone with the same name as this value. However, it did not find any.

System action: Command processing stops.

Programmer response: Perform **one** of the following actions:

- If you meant to specify an FMIDSET name, either correct the value you specified or create the required FMIDSET entry. Then rerun the job.
- If you meant to specify an FMID name, correct the value you specified and rerun the job.

GIM50302E *value* WAS NOT PROCESSED BECAUSE IT IS NOT AN FMIDSET DEFINED IN THE GLOBALZONE CONTAINED IN THE CSI SPECIFIED ON THE FROMCSI OPERAND.

Explanation:

value value from FORFMID operand

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SMP/E tried to determine whether the indicated value is an FMID or an FMIDSET name. The value is not 7 characters long, so it is not an FMID. Therefore, SMP/E checked whether there was an FMIDSET entry defined in the originating GLOBAL zone with the same name as this value. However, it did not find any.

System action: GZONEMERGE processing continues with the next FORFMID value.

Programmer response: Do **one** of the following:

- If you meant to specify an FMIDSET name, either correct or remove the value you specified or create the desired FMIDSET entry. Then rerun the job.
- Otherwise, take no action.

GIM50401T THE CSI PARAMETER IS NOT ALLOWED ON THE GIMSMP EXEC STATEMENT BECAUSE THE SMPCSI DD STATEMENT IS SPECIFIED.

Explanation: There are two ways to have SMP/E allocate the SMPCSI data set that contains the global zone (the master SMPCSI):

- Specify the CSI parameter on the GIMSMP EXEC statement.
- Specify an SMPCSI DD statement in the job.

You can do one or the other, but not both.

System action: SMP/E processing stops.

Programmer response: SMP/E cannot determine which SMPCSI it should use. Do **one** of the following:

- If SMP/E should use the SMPCSI DD statement, rerun the job without the CSI parameter on the EXEC statement.
- If SMP/E should use the value on the CSI parameter, rerun the job without the SMPCSI DD statement.

GIM50501E CONNECT PROCESSING FAILED FOR THE *zonename* ZONE.

Explanation:

zonename

zone name

System action: SYSMOD processing stops.

Programmer response: Fix the error and rerun the job.

GIM50501S CONNECT PROCESSING FAILED FOR THE *zonename* ZONE.

Explanation:

zonename

zone name

System action: Command processing stops.

Programmer response: Fix the error and rerun the job.

GIM50501T CONNECT PROCESSING FAILED FOR THE *zonename* ZONE.

Explanation:

zonename

zone name

System action: SMP/E processing stops.

Programmer response: Fix the error and rerun the job.

GIM50502E FREE PROCESSING FAILED FOR THE *zonename* ZONE.

Explanation:

zonename

zone name

A physical I/O error caused FREE processing to fail for the indicated zone.

System action: SYSMOD processing stops.

Programmer response: Fix the error and rerun the job.

GIM50502T FREE PROCESSING FAILED FOR THE *zonename* ZONE.

Explanation:

zonename
zone name

A physical I/O error caused FREE processing to fail for the indicated zone.

System action: SMP/E processing stops.

Programmer response: Fix the error and rerun the job.

GIM50504W OPEN PROCESSING FAILED FOR THE *zonename* ZONE.

Explanation:

zonename
zone name

During the cross-zone update phase of the APPLY or RESTORE command, SMP/E could not open the indicated zone.

System action: The cross-zone updates are not made for the zone named in the message. Processing continues with the next cross-zone.

Programmer response: Make sure you specified the correct SMPCSI data set name for the indicated target or DLIB zone. This name may be specified either on a DD statement or in a ZONEINDEX subentry in the GLOBALZONE entry.

Fix the error. The Cross-Zone Summary report and the MOVE/RENAME/DELETE report identify the cross-zone updates that need to be done for the zone named in this message. Use a combination of the following to complete the unfinished cross-zone updates identified:

- The LINK MODULE command
- UCLIN updates
- The linkage editor (outside of SMP/E)

GIM50504E OPEN PROCESSING FAILED FOR THE *zonename* ZONE.

Explanation:

zonename
zone name

SMP/E could not open the indicated zone.

System action: SYSMOD processing stops.

Programmer response: Make sure you specified the correct SMPCSI data set name for the indicated target or DLIB zone. This name may be specified either on a DD statement or in a ZONEINDEX subentry in the GLOBALZONE entry.

Fix the error and rerun the job.

GIM50504S OPEN PROCESSING FAILED FOR THE *zonename* ZONE.

Explanation:

zonename
zone name

SMP/E could not open the indicated zone.

System action: Command processing stops.

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Programmer response: Make sure you specified the correct SMPCSI data set name for the indicated target or DLIB zone. This name may be specified either on a DD statement or in a ZONEINDEX subentry in the GLOBALZONE entry.

Fix the error and rerun the job.

GIM50504T OPEN PROCESSING FAILED FOR THE *zonename* ZONE.

Explanation:

zonename

zone name

SMP/E could not open the indicated zone (the global zone).

System action: SMP/E processing stops.

Programmer response: Make sure you specified the correct SMPCSI data set name for the indicated zone. This name may be specified either on the SMPCSI DD statement or on the CSI parameter of the EXEC statement for GIMSMP.

Fix the error and rerun the job.

GIM50505S CLOSE PROCESSING FAILED FOR THE *zonename* ZONE.

Explanation:

zonename

zone name

A physical I/O error caused CLOSE processing to fail for the indicated zone.

System action: Command processing stops.

Programmer response: Fix the error and rerun the job.

GIM50505T CLOSE PROCESSING FAILED FOR THE *zonename* ZONE.

Explanation:

zonename

zone name

A physical I/O error caused CLOSE processing to fail for the indicated zone.

System action: SMP/E processing stops.

Programmer response: Fix the error and rerun the job.

GIM50506E LMOD BUILD PROCESSING WAS UNSUCCESSFUL BECAUSE OPEN PROCESSING FAILED FOR DISTRIBUTION ZONE *zonename*.

Explanation:

zonename

zone name

System action: Command processing stops.

Programmer response: Make sure you specified the correct SMPCSI data set name for the distribution zone. This name may be specified either on a DD statement or in a ZONEINDEX subentry in the GLOBALZONE entry. Fix the error and rerun the job.

GIM50507T SMP/E CANNOT PROCESS ZONE *zonename* BECAUSE THE SMPCSI DATA SET CONTAINS TOO MANY ZONES.

Explanation:

zonename

zone name

System action: SMP/E processing stops.

Programmer response: If you are trying to define a new zone, define it in a different SMPCSI data set. Remember to update the associated zone index in the global zone.

If you are trying to update an existing zone, move it to a different SMPCSI data set. These are some SMP/E commands you can use to do this:

- To add an existing zone to another SMPCSI:
 ZONECOPY
 ZONEEXPORT, UCLIN for the zone index, and ZONEIMPORT
- To delete an existing zone from an SMPCSI:
 ZONEDELETE
 ZONEEXPORT

For more information about these commands and when to use them, see *SMP/E for z/OS Commands*.

GIM50508E *command* PROCESSING FAILED.

Explanation:

command

CLOSE, CONNECT, or FREE

System action: SYSMOD processing stops.

Programmer response: Fix the error and rerun the job.

GIM50508T *command* PROCESSING FAILED.

Explanation:

command

CLOSE, CONNECT, or FREE

System action: SMP/E processing stops.

Programmer response: Fix the error and rerun the job.

GIM50509T AN I/O ERROR OCCURRED WHEN SMP/E WAS TRYING TO LOCATE A RECORD FOR ZONE
zonename.

Explanation:

zonename

zone name

A physical or logical I/O error occurred when SMP/E was trying to find a record for the indicated zone.

System action: SMP/E processing stops.

Programmer response: Subsequent messages explain SMP/E's actions. Find the cause of the error from these messages. Then fix the error and rerun the job.

GIM50601E LINK-EDIT PROCESSING FAILED FOR LMOD *loadmod* IN THE *library* LIBRARY. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd*— TIME *hh:mm:ss* — SEQUENCE NUMBER *seqno* — DELETION WAS ATTEMPTED FOR THE FOLLOWING CSECTS:

Explanation:

loadmod load module name

library ddname of the library

rtncode return code

yy year

ddd Julian day

hh military hour

mm minutes

ss seconds

seqno utility sequence number

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Link-edit processing to remove a module from the indicated load module failed. Message GIM50701 follows this message and identifies which modules and CSECTs were being deleted.

System action: Processing stops for the SYSMOD that caused the module to be deleted.

Programmer response: Do the following:

1. Check the linkage editor output in SYSPRINT to find the cause of error.

Note: If you did not get any utility output, check the value specified for the PRINT subentry in the UTILITY entry. This ddname is used for the SYSPRINT data set. Here are some typical reasons for not getting any utility output:

- The PRINT subentry specifies a DDDEF of DUMMY.
- The PRINT subentry specifies a data set that is sent to a SYSOUT class that suppresses output.

2. Reapply the failing SYSMOD.

GIM50602I LINK-EDIT PROCESSING WAS SUCCESSFUL FOR LMOD *loadmod* IN THE *library* LIBRARY. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd*— TIME *hh:mm:ss* — SEQUENCE NUMBER *seqno* — THE FOLLOWING CSECTS HAVE BEEN DELETED:

Explanation:

loadmod load module name
library ddname of the library
rtncode return code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number

Link-edit processing to remove a module from the indicated load module was successful. Message GIM50701 follows this message and identifies the modules and CSECTs that were deleted.

System action: Processing continues.

Programmer response: None.

Note: A return code of 12 is normal when the linkage editor replaces a dummy CSECT.

GIM50603E LINK-EDIT PROCESSING FAILED FOR LMOD *loadmod* IN THE *library* LIBRARY. ABEND *abncode* OCCURRED WHILE PROCESSING *library*. THE *library* LIBRARY RAN OUT OF SPACE. DATE *yy.ddd*— TIME *hh:mm:ss* — SEQUENCE NUMBER *seqno* — DELETION WAS ATTEMPTED FOR THE FOLLOWING CSECTS:

Explanation:

loadmod load module name
library ddname of the library
abncode abend code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number

Link-edit processing to remove a module from the indicated LMOD failed. Message GIM50701 follows this message and identifies which modules and CSECTs were being deleted.

System action: Processing stops for the SYSMOD that caused the module to be deleted.

Programmer response: Do the following:

1. Increase the size of the indicated library.
2. Reapply the failing SYSMOD.

GIM50701I CSECT *csect* IN DLIB MODULE *modname* IN SYSMOD *sysmod*.

Explanation:

csect CSECT name
modname module name
sysmod SYSMOD ID

This message lists the module and CSECTs within that module that were deleted from the load module identified in message GIM50601E or GIM50602I. SYSMOD *sysmod* is the SYSMOD that caused the module to be deleted from the load module.

System action: None.

Programmer response: None.

GIM50801W ZONE *zonename* WAS NOT USED BECAUSE IT IS NOT DEFINED BY A ZONEINDEX SUBENTRY IN THE GLOBAL ZONE.

Explanation:

zonename zone name

During the cross-zone update phase of the APPLY or RESTORE command, SMP/E could not find a ZONEINDEX subentry for the zone specified on an SMP/E command—for example:

- The BOUNDARY operand on the SET command
- The RELATED subentry (in a TARGETZONE or DLIBZONE entry) used during APPLY command processing
- The XZLMOD operand of a MOD entry

System action: Cross-zone updates are not made for the zone named in the message. Processing continues with the next cross-zone.

Programmer response: The Cross-Zone Summary report and the MOVE/RENAME/DELETE report identify what cross-zone updates need to be done for the zone named in this message. Use a combination of the following to complete the unfinished cross-zone updates identified:

- The LINK MODULE command
- UCLIN updates
- The linkage editor (outside of SMP/E)

GIM50801E ZONE *zonename* WAS NOT USED BECAUSE IT IS NOT DEFINED BY A ZONEINDEX SUBENTRY IN THE GLOBAL ZONE.

Explanation:

zonename zone name

The zone listed was specified on the API QUERY zone parameter. A ZONEINDEX subentry could not be found for this zone. Therefore, the query could not be processed.

System action: Command processing stops after syntax checking is complete.

Programmer response: Fix the zone parameter or use UCLIN to define a ZONEINDEX subentry for the zone. Then rerun the calling program.

GIM50801S ZONE *zonename* WAS NOT USED BECAUSE IT IS NOT DEFINED BY A ZONEINDEX SUBENTRY IN THE GLOBAL ZONE.

Explanation:

zonename zone name

SMP/E could not find a ZONEINDEX subentry for a zone needed for an SMP/E command—for example:

- The BOUNDARY operand of the SET command

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- The FORZONE, ZONES, or ZONESET operand of the REPORT command
- Within a ZONESET used with the ACCEPT, APPLY, REJECT, or RESTORE command
- The RELATED subentry (in a TARGETZONE or DLIBZONE entry) used during APPLY, ACCEPT, or RESTORE command processing
- The input zone on the ZONECOPY command
- The originating zone on the ZONEMERGE command
- The XZGROUP operand on an APPLY, ACCEPT, or RESTORE command
- The XZLMOD subentry of a MOD entry
- The ZONEGROUP operand of the RECEIVE command
- The RECZGRP or RECEXZGRP subentries of the OPTIONS entry.

System action: Command processing stops. Processing continues with the next valid SET or RESETRC command.

Programmer response: Do one of the following:

- If you want SMP/E to use the indicated zone, use UCLIN to define a ZONEINDEX subentry for the zone. It may also be necessary to set up the zone itself. Once the preparation work is complete, rerun the job.
- If you don't want SMP/E to use the indicated zone, remove the zone from the area causing the command termination and rerun the job.

GIM50802E LOAD MODULE BUILD PROCESSING STOPPED BECAUSE DISTRIBUTION ZONE *zonename* IS NOT DEFINED BY A ZONEINDEX SUBENTRY IN THE GLOBAL ZONE.

Explanation:

zonename

zone name

During APPLY processing, SMP/E needed to check the related distribution zone for a module that is part of a load module being built. However, the distribution zone defined as the related zone is not defined by a ZONEINDEX subentry in the global zone.

System action: SMP/E also issues the following messages:

- GIM67401E or GIM67402E, which lists the load modules that failed
- GIM67501I, which lists the modules required to complete the load modules
- GIM22601I or GIM22601E, which lists the SYSMODs that failed because the load module failed

Programmer response: Do one of the following:

- If you want SMP/E to process the indicated zone, use UCLIN to define a ZONEINDEX subentry for the zone. Then rerun the job.
- Otherwise, take no action.

GIM50803I A NULL LIST WAS SPECIFIED FOR THE XZGROUP OPERAND. NO CROSS-ZONE REQUISITE CHECKING WILL BE DONE.

Explanation: Because the user has specifically requested that no zone group is to be established, cross-zone requisite checking is not being done.

System action: Command processing continues.

Programmer response: None.

GIM50804S *program* PROCESSING FAILED BECAUSE ZONE *name* IS NOT DEFINED BY A ZONEINDEX SUBENTRY IN THE GLOBAL ZONE IN *data set*.

Explanation:

program

SMP/E routine name

name zone name

data set SMPCSI data set name

SMP/E processing failed because the indicated zone is not defined in the global zone of the indicated SMPCSI data set.

System action: Processing stops.

Programmer response: Correct or remove the zone name from the TARGET control statement, and rerun the job.

GIM50805S *program* PROCESSING FAILED BECAUSE ZONE *name* IN *data set* IS NOT A TARGET ZONE.

Explanation:

program

SMP/E routine name

name zone name

data set SMPCSI data set name

SMP/E processing failed because the indicated zone is not a target zone. Only target zones may be specified on TARGET control statements.

System action: Processing stops.

Programmer response: Correct or remove the zone name from the TARGET control statement, and rerun the job.

GIM50806W NO ZONES WERE APPLICABLE FOR CROSS-ZONE REQUISITE CHECKING FOR THE *command* COMMAND.

Explanation:

command

ACCEPT, APPLY, or RESTORE

After checking all zones and ZONESETs for the command, SMP/E could not find any applicable zones for the current command. SMP/E uses only one type of zone for each command:

- APPLY uses only TARGET zones
- ACCEPT uses only DLIB zones
- RESTORE uses only TARGET zones

System action: Command processing continues.

Programmer response: Ensure that the ZONESETs and zones specified or used implicitly have the correct zones in them.

GIM50808I *zonetype* ZONE *zonename* WILL BE USED FOR CROSS-ZONE REQUISITE CHECKING.

Explanation:

zonetype

TARGET or DLIB

zonename

zone name

The indicated zone will be used for cross-zone requisite checking.

System action: Command processing continues.

Programmer response: None.

GIM50809S XZGROUP MAY NOT BE SPECIFIED AS A NULL LIST IF THE XZREQ OPERAND IS ALSO SPECIFIED.

Explanation: The XZGROUP operand was specified as a null list (that is, XZGROUP()) and the XZREQ operand was also specified. A zone group must be established to make XZREQ effective.

System action: Command processing terminates.

Programmer response: Recode the command so that the conflict does not exist and resubmit it.

GIM50810W THE XZREQ OPERAND WAS SPECIFIED ON THE *command* COMMAND BUT SINCE NO ZONES WERE APPLICABLE FOR CROSS-ZONE REQUISITE CHECKING, THE XZREQ OPERAND WILL BE IGNORED.

Explanation:

command

ACCEPT or APPLY

After checking all zones and ZONESETs for the command, SMP/E could not find any applicable zones for the current command. Because processing for the XZREQ operand requires a non-empty zone group, XZREQ processing is ignored for the current command.

System action: Command processing continues.

Programmer response: Ensure that the ZONESETs and zones specified or used implicitly have the correct zones in them.

GIM50811E LOAD MODULE BUILD PROCESSING STOPPED BECAUSE THERE IS NO ZONE DEFINITION ENTRY FOR RELATED ZONE *zonename*.

Explanation:

zonename

zone name

During the load module build phase of command processing, SMP/E could not find the related zone in the CSI data set identified by the ZONEINDEX subentry of the zone. The related zone name is defined in the TARGETZONE entry of the set-to zone.

System action: Command processing stops.

Programmer response: Ensure that the indicated zone is defined with the correct CSI data set in the ZONEINDEX subentry in the global zone, and that the correct related zone name is specified in the TARGETZONE entry of the set-to zone, and then rerun the job.

GIM50811S LOAD MODULE BUILD PROCESSING STOPPED BECAUSE THERE IS NO ZONE DEFINITION ENTRY FOR RELATED ZONE *zonename*.

Explanation:

zonename

zone name

During the load module build phase of command processing, SMP/E could not find the related zone in the CSI data set identified by the ZONEINDEX subentry of the zone. The related zone name is defined in the TARGETZONE entry of the set-to zone.

System action: Command processing stops.

Programmer response: Ensure that the indicated zone is defined with the correct CSI data set in the ZONEINDEX subentry in the global zone, and that the correct related zone name is specified in the TARGETZONE entry of the set-to zone, and then rerun the job.

GIM50812E LOAD MODULE BUILD PROCESSING STOPPED BECAUSE THE RELATED ZONE *zonename* IS NOT A DLIB ZONE.

Explanation:

zonename

zone name

During the load module build phase of command processing, SMP/E discovered that the zone related to the set-to target zone is not a dlib zone. The related zone must be a dlib zone.

System action: Command processing stops.

Programmer response: Ensure the correct related zone name is specified in the TARGETZONE entry of the set-to zone, and then rerun the job.

GIM50812S LOAD MODULE BUILD PROCESSING STOPPED BECAUSE THE RELATED ZONE *zonename* IS NOT A DLIB ZONE.

Explanation:

zonename

zone name

During the load module build phase of command processing, SMP/E discovered that the zone related to the set-to target zone is not a dlib zone. The related zone must be a dlib zone.

System action: Command processing stops.

Programmer response: Ensure the correct related zone name is specified in the TARGETZONE entry of the set-to zone, and then rerun the job.

GIM50901S A SET COMMAND IS REQUIRED BEFORE THE *command* COMMAND.

Explanation:

command

an SMP/E command

There was no SET command before the indicated command. Therefore, SMP/E does not know which zone to process.

System action: Command processing fails. SMP/E checks the syntax of the subsequent commands. Processing continues with the next SET command.

Programmer response: Put a SET command in SMPCNTL before the command that requires it. This will point SMP/E to the zone that it is going to process. Then rerun the job.

GIM50902S SET COMMAND PROCESSING FAILED. DATA IN SMPCNTL UP TO THE NEXT SET COMMAND WILL ONLY BE SYNTAX-CHECKED.

Explanation: An error occurred when SMP/E tried to process a SET command in the SMPCNTL data set. Other messages describe the specific error.

System action: Command processing fails. SMP/E checks the syntax of the subsequent commands. Processing continues with the next SET command.

Programmer response: Fix the error for the SET command and rerun the job.

GIM50903I PROCESSING FOR THE *member* MEMBER IN THE SMPPARM DATA SET HAS FAILED.

Explanation:

member member name, either GIMDDALC or GIMEXITS

An error occurred when SMP/E tried to process the specified member in the SMPPARM data set. Previous messages describe the specific error.

The GIMDDALC member is used to define allocations for certain types of data sets to be used by SMP/E. The GIMEXITS member is used to identify the exit routine programs to be given control at SMP/E exit points. See the section on GIMEXITS in *SMP/E for z/OS Reference* for details.

System action: Command processing fails.

Programmer response: Correct the error and rerun the job.

GIM50904S ALLOCATION FAILED FOR DATA SET *dataset* SPECIFIED ON A GIMEXITS CONTROL STATEMENT.

Explanation:

dataset data set name

The indicated data set could not be allocated. The data set name was specified on a GIMEXITS control statement in the GIMEXITS member of the SMPPARM data set. Previous messages describe the specific allocation error.

The GIMEXITS member is used to identify the exit routine programs to be given control at SMP/E exit points. See the section on GIMEXITS in *SMP/E for z/OS Reference* for details.

System action: Command processing fails.

Programmer response: Correct the error and rerun the job.

GIM50905S EXIT ROUTINE *exitname* SPECIFIED ON A GIMEXITS CONTROL STATEMENT WAS NOT FOUND.

Explanation:

exitname
exit routine name

The indicated exit routine could not be found. The exit routine was specified on a GIMEXITS control statement in the GIMEXITS member of the SMPPARM data set. If a data set name was also specified on the control statement, then the exit routine could not be found in the specified data set. If no data set name was specified, the exit routine could not be found using the normal program search (STEPLIB, JOBLIB, link list datasets).

The GIMEXITS member is used to identify the exit routine programs to be given control at SMP/E exit points. See the section on GIMEXITS in *SMP/E for z/OS Reference* for details.

System action: Command processing fails.

Programmer response: Do one of the following:

- If you specified an incorrect exit routine name, or an incorrect data set name, correct one or both of them and rerun the job.
 - If the exit routine is not available, either specify the data set in which the exit routine resides on the GIMEXITS control statement, or add the exit routine to the JOBLIB, STEPLIB, or a link list dataset. Then rerun the job.
-

GIM51001E THE *subtype* SUBENTRY IS NOT IN *enttype* ENTRY *entname*.

Explanation:

subtype subentry type
enttype entry type
entname
entry name

The indicated subentry was specified on a UCL statement but does not currently exist in the entry.

System action: Processing for this UCL statement stops. UCLIN processing continues with the next statement.

Programmer response: Fix the error and rerun the statement.

GIM51001I THE *subtype* SUBENTRY IS NOT IN *enttype* ENTRY *entname*.

Explanation:

subtype subentry type
enttype entry type
entname
entry name

A UCL statement attempted to totally delete the indicated subentry from an entry, but the subentry does not exist.

System action: SMP/E treats the deletion as if it had occurred and processes the remainder of the command.

Programmer response: Ensure that the requested entry and subentry are correct. If not, fix the command and rerun.

GIM51101S SMP/E PROCESSING STOPPED BECAUSE IT COULD NOT DETERMINE WHICH ZONE TO UPDATE FOR UCLIN PROCESSING.

Explanation: Module GIMMPUCD could not determine the zone to update for UCLIN processing.

System action: SMP/E processing stops.

Programmer response: Report the error to your support group.

GIM51201E THE SPECIFIED ENTRY TYPE IS ONLY ALLOWED FOR A *zonetype* ZONE.

Explanation:

zonetype

zone type

One of the entry types specified is not allowed for the zone being processed. It is only allowed for the zone type indicated in the message.

System action: Processing for the UCL statement stops.

Programmer response: Check *SMP/E for z/OS Commands* to determine which entry types can be used for which zones.

Do **one** of the following:

- Change the zone specified on the SET command.
- Change the operand on the command being processed.

Then rerun the job.

GIM51202S THE UTILITY OPERAND IS ONLY ALLOWED FOR THE GLOBAL ZONE.

Explanation: The UTILITY operand was specified on the ZONEEDIT command, but the global zone was not specified on the SET command. Because UTILITY entries only exist in the global zone, the global zone must be specified.

System action: Command processing stops.

Programmer response: Change the zone specified on the SET command. Then rerun the job.

GIM51301E THE *operand* OPERAND EXCEEDS THE 26-CHARACTER MAXIMUM.

Explanation:

operand DSPREFIX or TLIBPREFIX

This message is issued during UCLIN processing when a UCLIN statement specified a DSPREFIX or a TLIBPREFIX that has more than 26 characters.

System action: Processing stops for the statement in error. Processing continues with the next UCLIN statement.

Programmer response: Fix the UCLIN statement and rerun the job.

GIM51301S THE *operand* OPERAND EXCEEDS THE 26-CHARACTER MAXIMUM.

Explanation:

operand RFPREFIX

This message is issued during RECEIVE processing when the RFPREFIX operand has more than 26 characters.

System action: Command processing stops.

Programmer response: Fix the RFPREFIX and rerun the job.

GIM51401W THERE IS NO *enttype* ENTRY FOR *entname*.

Explanation:

enttype entry type (OPTIONS)

entname

entry name

SMP/E did not find the indicated OPTIONS entry in the zone definition entry. (An OPTIONS entry is needed for certain commands to set up page length and PEMAX values.) This error occurred either during processing for the LIST, UNLOAD, or UCLIN command, or one of the zone commands, or during the cross-zone phase of APPLY or RESTORE processing.

System action: One of the following occurs:

- If the error did not occur during cross-zone processing, command processing continues using the default values.
- If the error occurred during cross-zone processing, any updates to the cross-zone will not be done. Processing continues with the next zone.

Programmer response: Do one of the following:

- If the error did not occur during cross-zone processing, no action is required. However, you may want to either define the missing entry in the global zone or change the zone definition entry to specify an existing entry.
- If the error occurred during cross-zone processing, see the Cross-Zone Summary report and the MOVE/RENAME/DELETE report to determine which cross-zone updates were not done. Use the information from those reports to create a LINK MODULE command (or, for ++RENAME, a UCLIN command) to update the indicated load modules.

GIM51401S THERE IS NO *enttype* ENTRY FOR *entname*.

Explanation:

enttype entry type

entname

entry name

SMP/E did not find the indicated entry. (For example, an OPTIONS entry is needed for certain commands to set up page length and PEMAX values.) Here are some typical errors:

- An OPTIONS entry specified on the SET command could not be found.
- The OPTIONS entry needed for JCLIN processing could not be found.
- An entry other than an OPTIONS entry could not be found.

System action: Command processing stops. SMP/E continues to check the SMPCNTL output for syntax.

Programmer response: Use UCLIN to create the missing entry. Then rerun the job.

GIM51501I *enttype entname* WAS MOVED TO A NEW DISTLIB AND DELETED FROM DISTLIB *distlib*.

Explanation:

enttype entry type

entname

entry name

distlib name of the old distribution library

The indicated element was moved to a new distribution library when a function SYSMOD was installed.

System action: The element is deleted from the indicated data set.

Programmer response: None.

GIM51601S THE *command* COMMAND WAS NOT PROCESSED BECAUSE THE SET COMMAND SPECIFIED A *zonetype* ZONE.

Explanation:*command*

an SMP/E command

zonetype

zone type

The indicated command cannot be processed for the type of zone that was specified on the SET command.

System action: Command processing stops. SMP/E continues to check SMP_CNTL input for syntax.

Programmer response: Do the following:

1. Determine which types of zones may be processed by the subsequent commands.
2. Make any necessary changes to the SET command or subsequent commands.
3. Rerun the job.

GIM51602S THE *command* COMMAND DID NOT PROCESS THE GLOBAL ZONE BECAUSE THE SET COMMAND SPECIFIED A *zonetype* ZONE.

Explanation:*command*

an SMP/E command

zonetype

zone type

The SET command did not specify the global zone, but the indicated command specified the global zone as the input zone. This is not allowed.

System action: Command processing stops. SMP/E continues to check SMP_CNTL input for syntax.

Programmer response: Do the following:

1. Determine which types of zones may be processed by the subsequent commands.
2. Make any necessary changes to the SET command or subsequent commands.
3. Rerun the job.

GIM51603S THE *command* COMMAND WAS NOT PROCESSED BECAUSE OF A CONFLICT IN ZONE TYPES. THE SET COMMAND SPECIFIED A *zonetype1* ZONE, BUT THE INPUT ZONE IS A *zonetype2* ZONE.

Explanation:*command*

an SMP/E command

zonetype1

zone type

zonetype2

zone type

The input zone and the SET BOUNDARY zone are incompatible for the specified command. The following chart shows the combinations that are allowed:

| SET BOUNDARY Zone Types | Input Zone Types | |
|-------------------------|------------------|------|
| | Target | DLIB |
| Global | | |
| Target | X | |
| DLIB | X | X |

System action: Command processing stops. SMP/E continues to check SMP_CNTL input for syntax.

Programmer response: Specify a valid combination of zones and rerun the job.

GIM51605E *value* WAS NOT PROCESSED BECAUSE *value* IS NOT DEFINED AS AN FMID SUBENTRY IN THE GLOBALZONE ENTRY IN THE GLOBAL ZONE CONTAINED IN THE CSI SPECIFIED ON THE FROMCSI OPERAND.

Explanation:

value value from FORFMID operand

A value specified on the FORFMID operand of the GZONEMERGE command was 7 characters long and was not an FMIDSET value. Therefore, SMP/E interprets the value as a function SYSMOD name. However, when SMP/E tried to validate this value by checking to see if it existed in the FMID subentry list of the GLOBALZONE entry of the originating CSI, a matching FMID subentry was not found.

Note: The originating CSI is the CSI specified on the FROMCSI operand.

System action: GZONEMERGE processing continues with the next FORFMID value.

Programmer response: Check the input specified on the FORFMID operand of the GZONEMERGE command and correct the indicated value(s).

Rerun the GZONEMERGE command with the corrected FORFMID value(s).

GIM51606S THE DATA SET NAME SPECIFIED ON THE FROMCSI OPERAND CANNOT BE THE SAME AS THE DATA SET CONTAINING THE DESTINATION GLOBAL ZONE.

Explanation: The CSI data set name specified on the FROMCSI operand of the GZONEMERGE command was the same as the CSI data set name that contains the current GLOBAL zone specified on the SET command.

System action: Command processing stops.

Programmer response: Fix the GZONEMERGE command so that the originating GLOBAL zone data set name specified on the FROMCSI operand points to a different GLOBAL zone CSI data set name than the set-to GLOBAL zone CSI data set name. Then rerun the job.

GIM51607S THE FROMCSI OPERAND IS REQUIRED ON THE GZONEMERGE COMMAND.

Explanation: The FROMCSI operand is missing from the GZONEMERGE command.

System action: Command processing stops.

Programmer response: Add the required FROMCSI operand to the GZONEMERGE command and return the job.

GIM51608S THE ORIGINATING SMPPTS DATA SET CANNOT BE ALLOCATED FOR GZONEMERGE PROCESSING. THERE IS NO DDDEF ENTRY FOR SMPPTS DEFINED IN THE GLOBAL ZONE IN CSI *fromcsi_value*.

Explanation:

fromcsi_value

value CSI data set name containing originating GLOBAL zone

The GZONEMERGE command requires a DDDEF for the SMPPTS data set in the originating GLOBAL zone when either the CONTENT or FORFMID operands are specified, or when all entries are being merged.

System action: Command processing stops.

Programmer response: Add the required FROMCSI operand to the GZONEMERGE command and return the job.

GIM51609S THE ORIGINATING SMPPTS DATA SET AND ANY ORIGINATING SMPPTS SPILL DATA SETS MUST BE DIFFERENT FROM THE DESTINATION SMPPTS DATA SET AND ANY DESTINATION SMPPTS SPILL DATA SETS.

Explanation: The originating SMPPTS data set or one of the originating SMPPTS spill data sets matches the destination SMPPTS data set or one of the destination SMPPTS spill data sets.

System action: Command processing stops.

Programmer response: Change the SMPPTS data set names so that they are different. Then rerun the job.

GIM51610S ALLOCATION FAILED FOR THE ORIGINATING *dddef* DATA SET. THE DATA SET DEFINED USING DDDEF *dddef* IN THE ORIGINATING GLOBAL ZONE IN CSI *csiname* COULD NOT BE ALLOCATED.

Explanation:

dddef DDDEF name

csiname Name of CSI data set that contains the originating GLOBAL zone

An error occurred while allocating the originating SMPPTS data set or an originating SMPPTS spill data set. Previous messages contain specific information about the problem.

System action: Command processing stops.

Programmer response: Fix the error and rerun the job.

GIM51611S ALLOCATION FAILED FOR THE DATA SET *dataset* SPECIFIED ON THE *operand* OPERAND

Explanation:

dataset Name of global zone CSI data set.

operand Operand

An allocation error occurred for the data set specified on the command. Previous messages contain specific information about the problem.

System action: Command processing stops.

Programmer response: Ensure the correct global zone CSI data set name is specified and rerun the command.

GIM51701S THE *command* COMMAND WAS NOT PROCESSED BECAUSE NO SREL WAS SPECIFIED IN THE ZONE DEFINITION ENTRY.

Explanation:

command

SMP/E command

SMP/E could not process the indicated command because no SREL is defined in the zone definition entry.

System action: Command processing fails. SMP/E continues to check SMP_CNTL input for syntax.

Programmer response: Use UCLIN to define the proper SREL values in the zone definition entry. Then rerun the job.

GIM51702E THE *command* COMMAND WAS NOT PROCESSED BECAUSE NO RELATED ZONE WAS SPECIFIED IN THE ZONE DEFINITION ENTRY.

Explanation:

command

SMP/E command

SMP/E could not process the indicated command because no related zone is defined in the zone definition entry.

System action: Processing continues. SMP/E continues to check SMP_CNTL input for syntax.

Programmer response: Use UCLIN to define the proper RELATED value in the zone definition entry. Then rerun the job.

GIM51702S THE *command* COMMAND WAS NOT PROCESSED BECAUSE NO RELATED ZONE WAS SPECIFIED IN THE ZONE DEFINITION ENTRY.

Explanation:

command

SMP/E command

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SMP/E could not process the indicated command because no related zone is defined in the zone definition entry.

System action: Command processing stops. SMP/E continues to check SMP_CNTL input for syntax.

Programmer response: Use UCLIN to define the proper RELATED value in the zone definition entry. Then rerun the job.

GIM51703E THE *command* COMMAND WAS NOT PROCESSED BECAUSE NO *zonetype* ZONE WAS SPECIFIED ON THE *operand* OPERAND.

Explanation:

command

SMP/E command

zonetype

zone type

operand

operand

The command could not be processed because no zone of the required type was specified on the indicated operand. For example, this message is issued for the LIST command when the NOACCEPT operand does not specify a distribution zone and the SET command does not specify a target zone.

System action: Command processing fails.

Programmer response: Specify the required type of zone on the indicated operand or on the SET command, as appropriate. Then rerun the job.

GIM51801W ZONE *zonename* IS DEFINED AS A *zonetype1* ZONE IN THE ZONEINDEX SUBENTRY. THIS CONFLICTS WITH THE ZONE TYPE OF *zonetype2*.

Explanation:

zonename

zone name

zonetype1

zone type defined in the ZONEINDEX subentry

zonetype2

zone type

During the cross-zone update phase of the APPLY or RESTORE command, SMP/E determined that the zone type specified in the ZONEINDEX subentry conflicts with the zone type indicated in SMP/E's internal records.

System action: Cross-zone updates are not made for the zone named in the message. Processing continues with the next cross-zone.

Programmer response: Determine which of the zone types is correct. Then, if necessary, do **one** of the following:

- If the zone type specified in the ZONEINDEX subentry is incorrect, use UCLIN to fix the ZONEINDEX subentry. Then rerun the job.
- If the zone type in SMP/E's internal records is incorrect, use ZONEDELETE to delete the zone, followed by UCLIN to recreate the zone with the correct zone type. Then rerun the job.
- The Cross-Zone Summary report and the MOVE/RENAME/DELETE report identifies which cross-zone updates need to be done for the zone named in this message. Use a combination of the following to complete the unfinished cross-zone updates identified:
 - The LINK MODULE command
 - UCLIN updated
 - The linkage editor (outside of SMP/E)

GIM51801S ZONE *zonename* IS DEFINED AS A *zonetype1* ZONE IN THE ZONEINDEX SUBENTRY. THIS CONFLICTS WITH THE ZONE TYPE OF *zonetype2*.

Explanation:

zonename

zone name

zonetype1

zone type defined in the ZONEINDEX subentry

zonetype2
zone type

The zone type specified in the ZONEINDEX subentry conflicts with the zone type indicated in SMP/E's internal records.

System action: Command processing stops.

Programmer response: Determine which of the zone types is correct. Then do **one** of the following:

- If the zone type specified in the ZONEINDEX subentry is incorrect, use UCLIN to fix the ZONEINDEX subentry. Then rerun the job.
- If the zone type in SMP/E's internal records is incorrect, use ZONEDELETE to delete the zone, followed by UCLIN to recreate the zone with the correct zone type. Then rerun the job.
- Rerun the job.

GIM51901E A *++mcstype* MCS IS NOT ALLOWED WITHIN A SYSMOD.

Explanation:

mcstype MCS type (++RELEASE or ++NULL)

During RECEIVE processing, SMP/E found the indicated MCS within a SYSMOD. This MCS is only allowed in SMPHOLD.

System action: SMP/E does not receive the SYSMOD.

Programmer response: Remove the indicated MCS from the SYSMOD and, if necessary, add it to SMPHOLD. Then run RECEIVE again.

GIM52001E SYSMOD *sysmod1* CONTAINS A ++HOLD MCS WHICH SPECIFIES SYSMOD *sysmod2*. SYSMOD *sysmod2* IS NOT SUPERSEDED BY *sysmod1*.

Explanation:

sysmod1

SYSMOD ID

sysmod2

SYSMOD ID

During RECEIVE processing, SMP/E found a ++HOLD MCS within a SYSMOD. However, the SYSMOD specified on that MCS was not the same as the SYSMOD that SMP/E was receiving.

You can use a ++HOLD within a SYSMOD only to hold the containing SYSMOD. The SYSMOD specified on the ++HOLD must be the same as the SYSMOD specified on the header MCS or it must be superseded on all ++VER MCS.

System action: SMP/E does not receive the SYSMOD.

Programmer response: If you mean to hold the containing SYSMOD, change the SYSMOD specified on the ++HOLD MCS so that it is either the same as the SYSMOD specified on the header MCS of the containing SYSMOD or is the same as a SYSMOD superseded by the containing SYSMOD (if there are multiple ++VER MCS in the SYSMOD, then each must supersede the SYSMOD).

If you don't want to hold the containing SYSMOD, remove the ++HOLD MCS.

Once you have corrected the error, rerun the RECEIVE job.

GIM52101E THE *++mcstype* MCS SPECIFIES MORE THAN ONE HOLD CATEGORY. THIS IS NOT ALLOWED.

Explanation:

mcstype MCS type (++HOLD or ++RELEASE)

The indicated MCS specified one of the following:

- More than one HOLD category (ERROR, FIXCAT, SYSTEM, or USER)
- The same HOLD category more than once

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System action:

- If SMP/E was processing a ++HOLD within a SYSMOD, SYSMOD processing stops.
- If SMP/E was processing the MCS from SMPHOLD, MCS processing stops.

Programmer response: Fix the indicated MCS and rerun the command.

GIM52200I AN ERROR OCCURRED WHILE SMP/E WAS CREATING *pathname*.

Explanation:

pathname

the absolute pathname for the directory or file

An error occurred while SMP/E was creating the indicated directory or file in a UNIX file system.

System action: Subsequent messages indicate SMP/E's action.

Programmer response: Check previous SMP/E messages to determine what caused the create to fail. Fix the error and rerun the job.

GIM52301E THE *command* COMMAND SPECIFIES OPERANDS THAT ARE NOT ALLOWED FOR THE ZONE SPECIFIED ON THE SET COMMAND.

Explanation:

command

LIST or UNLOAD

The indicated command specifies entries that cannot exist in the zone being processed. Therefore, the operands for these entries are not allowed.

System action: Command processing stops. Processing continues with the next command.

Programmer response: Do **one** of the following:

- To process the entries that were specified, specify the correct zone on the SET command.
- To process the zone specified on the SET command, change the entries that are specified on the indicated command.

The following list shows the entries that **cannot** be specified for the indicated zone types. Make sure **not** to specify the operands with the zone types under which they are listed. For more information about which operands are allowed for which types of zones, see *SMP/E for z/OS Commands*.

• Operands Not Allowed for Global Zone:

- ASSEM
- BACKUP
- BYP,BYPASS
- Data element entries
- DEL,DELETE
- DLIB
- DZONE,DLIBZONE
- LMOD
- MAC
- MOD
- NOSUP
- RES,RESTORE
- SRC
- SUP
- TZONE,TARGETZONE

• Operands Not Allowed for Target Zone:

- DZONE,DLIBZONE
- FEATURE
- FMSET,FMIDSET
- GZONE,GLOBALZONE
- OPTIONS
- PRODUCT

- UTILITY
- ZONESET
- **Operands Not Allowed for Distribution Zone:**
 - FEATURE
 - FMSET,FMIDSET
 - GZONE,GLOBALZONE
 - OPTIONS
 - PRODUCT
 - RES,RESTORE
 - TZONE,TARGETZONE
 - UTILITY
 - ZONESET

GIM52401I UCLIN PROCESSING IS COMPLETE FOR *zonetype* **ZONE** *zonename*.

Explanation:

zonetype

zone type

zonename

zone name

UCLIN finished processing for the indicated zone.

System action: Processing continues.

Programmer response: None.

GIM52402I UCLIN PROCESSING IS COMPLETE FOR THE GLOBAL ZONE.

Explanation: UCLIN finished processing for the global zone.

System action: Processing continues.

Programmer response: None.

GIM52501W A PERIOD IS MISSING AFTER THE LAST *command* **COMMAND. ONE IS ASSUMED.**

Explanation:

command

ENDUCL or ENDZONEEDIT

The indicate command was followed by an end-of-file. The period after the command is missing.

System action: All prior UCLIN or ZONEEDIT processing was completed. A message follows to show whether command processing was successful. Processing continues.

Programmer response: Do **one** of the following:

- If a subsequent message indicates that an error occurred, fix the error and rerun the job.
- Otherwise, take no action.

GIM52601E THE UCL STATEMENT AND THE SET COMMAND REFER TO DIFFERENT ZONE NAMES. THE ZONE NAMES MUST BE THE SAME.

Explanation: The UCL statement points to a zone name that is not the same as the zone name specified on the SET command.

System action: SMP/E processing for this statement stops. Processing continues with the next UCL statement.

Programmer response: Do **one** of the following:

- Change the zone specified UCL statement and rerun the job.
- Change the zone specified on the SET BOUNDARY command and rerun the job.

GIM52602E THE UCL STATEMENT AND THE SET COMMAND REFER TO DIFFERENT ZONE TYPES. THE ZONE TYPES MUST BE THE SAME.

Explanation: The UCL statement points to a zone type that is not the same as the zone type specified on the SET command.

System action: SMP/E processing for this statement stops. Processing continues with the next UCL statement.

Programmer response: Do **one** of the following:

- Change the zone specified UCL statement and rerun the job.
 - Change the zone specified on the SET BOUNDARY command and rerun the job.
-

GIM52701E THE DSNAME EXCEEDS THE 44-CHARACTER MAXIMUM.

Explanation: An operand on a UCL statement specifies a data set name that has more than 44 characters.

System action: Processing stops for the UCL statement in error. Processing continues with the next UCL statement.

Programmer response: Fix the operand, then rerun the job.

GIM52701S THE DSNAME EXCEEDS THE 44-CHARACTER MAXIMUM.

Explanation: An operand on a command specifies a data set name that has more than 44 characters.

System action: Processing stops for the command in error. Processing continues with the next command.

Programmer response: Fix the operand, then rerun the job.

GIM52702I THE CSI PARAMETER ON THE GIMSMP EXEC STATEMENT SPECIFIES A DATA SET NAME THAT EXCEEDS THE 44-CHARACTER MAXIMUM.

Explanation: The CSI parameter specifies a data set name that has more than 44 characters.

System action: SMP/E processing stops.

Programmer response: Correct the CSI parameter on the EXEC statement, then rerun the job.

GIM52703S PATHNAME *pathname* TO BE DYNAMICALLY ALLOCATED TO DDNAME *ddname* EXCEEDS THE 255-CHARACTER MAXIMUM.

Explanation:

pathname

pathname that is to be dynamically allocated to a DD statement

ddname ddname to which the path was to be allocated

The indicated pathname needs to be allocated to a ddname for SMP/E processing, but exceeds the 255-character limit allowed by dynamic allocation. This error may occur when:

- GIMUNZIP needs to allocate the GIMPAF.XML file or a GIMFAF.XML file and the pathname specified with the SMPDIR or SMPWKDIR DD statement is too long.
- RECEIVE processing needs to allocate a GIMPAF.XML file or an SMPPTFIN or SMPHOLD file within a network package and the combination of the pathname specified with the SMPNTS DD statement plus the user assigned package id subdirectory name, or SMPWKDIR DD statement is too long.

System action: The component of SMP/E issuing this message ends.

Programmer response:

- For GIMUNZIP processing, shorten the pathname specified by the SMPDIR or SMPWKDIR DD statement. This can be done by:
 - copying or moving the network package from its current location in a UNIX file system to a new location where the length of the pathname needed to access the network package is shorter.
 - creating a shorter symbolic link for the pathname used on the SMPDIR DD and then substituting the symbolic link for the original pathname value.

Implement the solution best for your system and rerun the GIMUNZIP job.

- For RECEIVE processing, shorten the combination of the pathname specified by the SMPNTS DD statement plus the value of the package id subdirectory, or the pathname specified by the SMPWKDIR DD statement. This can be done by:
 - specifying a different pathname for the SMPNTS DD statement, a shorter package id value, or both, for RECEIVE processing.
 - specifying a different pathname for the SMPWKDIR DD statement for RECEIVE processing.
 - creating a shorter symbolic link for the place-name used on the SMPNTS or SMPWKDIR DD statement and possibly also specifying a shorter package id value for RECEIVE processing.

Implement the solution best for your system and rerun the RECEIVE job.

Note: As a rule of thumb, if the pathname specified by the SMPDIR or SMPNTS DD statement is no more than 100 characters long, then there should be no problem dynamically allocating files within the specified path of a UNIX file system for GIMUNZIP or RECEIVE processing.

GIM52801E THE LOW-LEVEL QUALIFIER OF THE SMPCSI DATA SET NAME MUST BE CSI.

Explanation: The lowest-level qualifier for an SMPCSI data set name must be CSI. The SMPCSI data set name specified did not meet this requirement.

System action: For the UCLIN command, processing stops for the UCLIN statement in error, and processing continues with the next UCL statement. For GIMAPI, processing stops.

Programmer response: Fix the UCL statement or GIMAPI parameter. Then rerun the job.

GIM52801S THE LOW-LEVEL QUALIFIER OF THE SMPCSI DATA SET NAME MUST BE CSI.

Explanation: The lowest-level qualifier for an SMPCSI data set name must be CSI. The SMPCSI data set name specified on a command did not meet this requirement.

System action: Processing stops for the command in error. Processing continues with the next command.

Programmer response: Fix the command. Then rerun the job.

GIM52801T THE LOW-LEVEL QUALIFIER OF THE SMPCSI DATA SET NAME MUST BE CSI.

Explanation: The lowest-level qualifier for an SMPCSI data set name must be CSI. The SMPCSI data set name specified on the EXEC statement for SMP/E did not meet this requirement.

System action: SMP/E processing stops.

Programmer response: Fix the EXEC parameter. Then rerun the job.

GIM52901E THE UCL DEL STATEMENT CANNOT DELETE ZONES. USE THE ZONEDELETE COMMAND INSTEAD.

Explanation: The UCL DEL statement seemed to indicate that an entire zone should be deleted. The UCL DEL statement can delete entries within zones, and subentries within entries. However, it cannot delete an entire zone.

System action: Processing stops for the statement in error. Processing continues with the next UCL statement.

Programmer response: Do **one** of the following:

- If you meant to delete a target or distribution zone, use the ZONEDELETE command instead.
- If you meant to delete an entry or subentry, fix the error and rerun this statement.

GIM53201E A SPECIFIED OPERAND IS NOT ALLOWED FOR THE GLOBAL ZONE.

Explanation: One of the operands specified is not allowed for the global zone.

System action: Processing for the UCL statement stops. Processing continues with the next statement.

Programmer response: Check *SMP/E for z/OS Commands* to determine which operands can be used for which zones.

Do **one** of the following:

- Change the zone specified on the SET command.

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- Change the operand on the command being processed.

Then rerun the job.

GIM53300E LINK PROCESSING FAILED FOR LOAD MODULE *loadmod* BECAUSE NONE OF THE MODULES INCLUDED IN *loadmod* HAVE BEEN INSTALLED.

Explanation:

loadmod LMOD name

None of the modules included in the specified load module have been installed. The modules are identified in messages GIM67301W or GIM67302W. The LMOD entry in the target zone may only have been defined during JCLIN processing. Therefore the modules and load module were never installed in any target library.

System action: Processing stops for the load module.

Programmer response: Determine if the load module is really needed in its target libraries:

- If it is then APPLY a SYSMOD that contains the modules included in the load module. Once the SYSMOD is applied the load module will be placed in its target libraries.
- If the load module is not needed in the target library, the error can be ignored.

GIM53300W LINK PROCESSING FAILED FOR LOAD MODULE *loadmod* BECAUSE NONE OF THE MODULES INCLUDED IN *loadmod* HAVE BEEN INSTALLED.

Explanation:

loadmod LMOD name

None of the modules included in the specified load module have been installed. The modules are identified in messages GIM67301W or GIM67302W. The LMOD entry in the target zone may only have been defined during JCLIN processing. Therefore the modules and load module were never installed in any target library.

System action: Processing stops for the load module.

Programmer response: Determine if the load module is really needed in its target libraries:

- If it is then APPLY a SYSMOD that contains the modules included in the load module. Once the SYSMOD is applied the load module will be placed in its target libraries.
- If the load module is not needed in the target library, the error can be ignored.

GIM53901E THE LIST NOACCEPT COMMAND MUST SPECIFY A DLIB ZONE. THE LIST NOAPPLY COMMAND MUST SPECIFY A TARGET ZONE.

Explanation: A zone was specified on the indicated LIST command, but it was not the correct type.

System action: Command processing stops.

Programmer response: Specify the correct zone type or operand and rerun the command.

GIM54001E *type* REASON IDS ARE NOT ALLOWED ON A ++HOLD MCS WITHIN A SYSMOD.

Explanation:

type HOLD type (ERROR, FIXCAT, or USER)

When SMP/E was receiving a SYSMOD, it encountered a ++HOLD MCS that specified the indicated HOLD type. This is not allowed. The only type of reason ID allowed within a SYSMOD is a SYSTEM hold.

System action: SMP/E did not receive the SYSMOD.

Programmer response: Move the ++HOLD MCS to SMPHOLD and rerun the RECEIVE command.

GIM54002E A USER REASON ID IS NOT ALLOWED ON A ++HOLD MCS WITHIN A SYSMOD.

Explanation: When SMP/E was receiving a SYSMOD, it encountered a ++HOLD MCS that specified a USER reason ID. This is not allowed. The only type of reason ID allowed within a SYSMOD is a SYSTEM hold.

System action: SMP/E did not receive the SYSMOD.

Programmer response: Move the ++HOLD MCS to SMPHOLD and rerun the RECEIVE command.

GIM54101I DYNAMIC ALLOCATION FOR *library* WAS SUCCESSFUL – *parameters***Explanation:**

library ddname of the library

parameters

allocation parameters

SMP/E successfully allocated the indicated data set.

System action: Processing continues.

Programmer response: None.

GIM54201I DYNAMIC ALLOCATION FOR *library1* WAS SUCCESSFUL. THE FOLLOWING LIBRARIES WERE CONCATENATED: *ddname,...,ddname*.**Explanation:**

library1 ddname of the library that was allocated

ddname,...,ddname

ddnames of the libraries that were concatenated

The indicated libraries were successfully concatenated during dynamic allocation of the specified library. If there are more than 13 libraries concatenated, this message shows the first 13 libraries, followed by **(PART 1)**. Additional messages list the remaining libraries, followed by **(PART 2)**, **(PART 3)**, and so on, until all the libraries have been listed.

System action: Processing continues.

Programmer response: None.

GIM54301I DYNAMIC DEALLOCATION WAS SUCCESSFUL FOR *library*.**Explanation:**

library ddname of the library

SMP/E successfully freed the indicated library.

System action: Processing continues.

Programmer response: None.

GIM54401W DYNAMIC DEALLOCATION FAILED FOR *dataset*.**Explanation:**

dataset one of the following:

- If the SMPDLIB data set is being deallocated, this is the data set name.
- If another data set is being deallocated, this is the ddname of the data set.

SMP/E attempted to free a data set but the return code from dynamic allocation indicated that the data set was not freed.

System action: Processing continues.

Programmer response: None.

GIM54501I ALLOCATION FAILED FOR *library* BECAUSE THERE IS NO DD STATEMENT IN THE JCL AND NO DDDEF ENTRY IN THE GLOBAL ZONE.

Explanation:

library ddname of the library

If this is in the form SMP#####, the library is part of a concatenation. Message GIM54601 shows the ddname of the library for which the concatenation was done.

SMP/E was trying to allocate the indicated data set but could not find the required DD statement or DDDEF entry.

System action: A subsequent message identifies the system action.

Programmer response: If necessary in the future, do **one** of the following, then rerun the job:

- Add the required DDDEF entry to the zone.
- Include the DD statement in the JCL used to run SMP/E.

GIM54501W ALLOCATION FAILED FOR *library* BECAUSE THERE IS NO DD STATEMENT IN THE JCL AND NO DDDEF ENTRY IN THE GLOBAL ZONE.

Explanation:

library ddname of the library

If this is in the form SMP#####, the library is part of a concatenation. Message GIM54601 shows the ddname of the library for which the concatenation was done.

SMP/E was trying to allocate the indicated data set but could not find the required DD statement or DDDEF entry.

System action: A subsequent message identifies the system action.

Programmer response: If necessary, do **one** of the following, then rerun the job:

- Add the required DDDEF entry to the zone.
- Include the DD statement in the JCL used to run SMP/E.

GIM54501E ALLOCATION FAILED FOR *library* BECAUSE THERE IS NO DD STATEMENT IN THE JCL AND NO DDDEF ENTRY IN THE GLOBAL ZONE.

Explanation:

library ddname of the library

If this is in the form SMP#####, the library is part of a concatenation. Message GIM54601 shows the ddname of the library for which the concatenation was done.

SMP/E was trying to allocate the indicated data set but could not find the required DD statement or DDDEF entry.

System action: A subsequent message identifies the system action.

Programmer response: Do **one** of the following:

- Add the required DDDEF entry to the zone.
- Include the DD statement in the JCL used to run SMP/E.

Then rerun the job.

GIM54501S ALLOCATION FAILED FOR *library* BECAUSE THERE IS NO DD STATEMENT IN THE JCL AND NO DDDEF ENTRY IN THE GLOBAL ZONE.

Explanation:

library ddname of the library

If this is in the form SMP#####, the library is part of a concatenation. Message GIM54601 shows the ddname of the library for which the concatenation was done.

SMP/E was trying to allocate the indicated data set but could not find the required DD statement or DDDEF entry.

System action: A subsequent message identifies the system action.

Programmer response: Do **one** of the following:

- Add the required DDDEF entry to the zone.
- Include the DD statement in the JCL used to run SMP/E.

Then rerun the job.

GIM54501T ALLOCATION FAILED FOR *library* BECAUSE THERE IS NO DD STATEMENT IN THE JCL AND NO DDDEF ENTRY IN THE GLOBAL ZONE.

Explanation:

library ddname of the library

If this is in the form SMP#####, the library is part of a concatenation. Message GIM54601 shows the ddname of the library for which the concatenation was done.

SMP/E was trying to allocate the indicated data set but could not find the required DD statement or DDDEF entry.

System action: A subsequent message identifies the system action.

Programmer response: Do **one** of the following:

- Add the required DDDEF entry to the zone.
- Include the DD statement in the JCL used to run SMP/E.

Then rerun the job.

GIM54502I ALLOCATION FAILED FOR *library* BECAUSE THERE IS NO DD STATEMENT IN THE JCL AND NO DDDEF ENTRY IN *zonetype* ZONE *zonename*.

Explanation:

library ddname of the library

If this is in the form SMP#####, the library is part of a concatenation. Message GIM54601 shows the ddname of the library for which the concatenation was done.

zonetype

TARGET or DLIB

zonename

zone name

SMP/E was trying to allocate the indicated data set but could not find the required DD statement or DDDEF entry.

System action: A subsequent message identifies the system action.

Programmer response: If necessary in the future, do **one** of the following, then rerun the job:

- Add the required DDDEF entry to the zone.
- Include the DD statement in the JCL used to run SMP/E.

GIM54502W ALLOCATION FAILED FOR *library* BECAUSE THERE IS NO DD STATEMENT IN THE JCL AND NO DDDEF ENTRY IN *zonetype* ZONE *zonename*.

Explanation:

library ddname of the library

If this is in the form SMP#####, the library is part of a concatenation. Message GIM54601 shows the ddname of the library for which the concatenation was done.

zonetype

TARGET or DLIB

zonename

zone name

SMP/E was trying to allocate the indicated data set but could not find the required DD statement or DDDEF entry.

System action: A subsequent message identifies the system action.

Programmer response: If necessary, do **one** of the following, then rerun the job:

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- Add the required DDDEF entry to the zone.
- Include the DD statement in the JCL used to run SMP/E.

GIM54502E ALLOCATION FAILED FOR *library* BECAUSE THERE IS NO DD STATEMENT IN THE JCL AND NO DDDEF ENTRY IN *zonetype* **ZONE** *zonename*.

Explanation:

library ddname of the library

If this is in the form SMP#####, the library is part of a concatenation. Message GIM54601 shows the ddname of the library for which the concatenation was done.

zonetype

TARGET or DLIB

zonename

zone name

SMP/E was trying to allocate the indicated data set but could not find the required DD statement or DDDEF entry.

System action: A subsequent message identifies the system action.

Programmer response: Do **one** of the following:

- Add the required DDDEF entry to the zone.
- Include the DD statement in the JCL used to run SMP/E.

Then rerun the job.

GIM54502S ALLOCATION FAILED FOR *library* BECAUSE THERE IS NO DD STATEMENT IN THE JCL AND NO DDDEF ENTRY IN *zonetype* **ZONE** *zonename*.

Explanation:

library ddname of the library

If this is in the form SMP#####, the library is part of a concatenation. Message GIM54601 shows the ddname of the library for which the concatenation was done.

zonetype

TARGET or DLIB

zonename

zone name

SMP/E was trying to allocate the indicated data set but could not find the required DD statement or DDDEF entry.

System action: A subsequent message identifies the system action.

Programmer response: Do **one** of the following:

- Add the required DDDEF entry to the zone.
- Include the DD statement in the JCL used to run SMP/E.

Then rerun the job.

GIM54502T ALLOCATION FAILED FOR *library* BECAUSE THERE IS NO DD STATEMENT IN THE JCL AND NO DDDEF ENTRY IN *zonetype* **ZONE** *zonename*.

Explanation:

library ddname of the library

If this is in the form SMP#####, the library is part of a concatenation. Message GIM54601 shows the ddname of the library for which the concatenation was done.

zonetype

TARGET or DLIB

zonename

zone name

SMP/E was trying to allocate the indicated data set but could not find the required DD statement or DDDEF entry.

System action: A subsequent message identifies the system action.

Programmer response: Do **one** of the following:

- Add the required DDDEF entry to the zone.
- Include the DD statement in the JCL used to run SMP/E.

Then rerun the job.

GIM54601I DYNAMIC ALLOCATION FAILED FOR *library1* BECAUSE *library2* IS PART OF THE *library1* CONCATENATION BUT WAS NOT ALLOCATED.

Explanation:

library1 ddname of the library being allocated

library2 ddname of a library that was part of the concatenation

The indicated library could not be allocated because allocation failed for one of the libraries that is concatenated to create the indicated library. Additional messages, such as GIM545xx, GIM54701, or GIM57601, indicate why the concatenated library failed.

System action: A subsequent message identifies the system action.

Programmer response: If necessary in the future, fix the error for the *library2* library and rerun the job.

GIM54601W DYNAMIC ALLOCATION FAILED FOR *library1* BECAUSE *library2* IS PART OF THE *library1* CONCATENATION BUT WAS NOT ALLOCATED.

Explanation:

library1 ddname of the library being allocated

library2 ddname of a library that was part of the concatenation

The indicated library could not be allocated because allocation failed for one of the libraries that is concatenated to create the indicated library. Additional messages, such as GIM545xx, GIM54701, or GIM57601, indicate why the concatenated library failed.

System action: A subsequent message identifies the system action.

Programmer response: If necessary, fix the error for the *library2* library and rerun the job.

GIM54601E DYNAMIC ALLOCATION FAILED FOR *library1* BECAUSE *library2* IS PART OF THE *library1* CONCATENATION BUT WAS NOT ALLOCATED.

Explanation:

library1 ddname of the library being allocated

library2 ddname of a library that was part of the concatenation

The indicated library could not be allocated because allocation failed for one of the libraries that is concatenated to create the indicated library. Additional messages, such as GIM545xx, GIM54701, or GIM57601, indicate why the concatenated library failed.

System action: A subsequent message identifies the system action.

Programmer response: Fix the error for the *library2* library and rerun the job.

GIM54601S DYNAMIC ALLOCATION FAILED FOR *library1* BECAUSE *library2* IS PART OF THE *library1* CONCATENATION BUT WAS NOT ALLOCATED.

Explanation:

library1 ddname of the library being allocated

library2 ddname of a library that was part of the concatenation

The indicated library could not be allocated because allocation failed for one of the libraries that is concatenated to create the indicated library. Additional messages, such as GIM545xx, GIM54701, or GIM57601, indicate why the concatenated library failed.

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System action: A subsequent message identifies the system action.

Programmer response: Fix the error for the *library2* library and rerun the job.

GIM54601T DYNAMIC ALLOCATION FAILED FOR *library1* BECAUSE *library2* IS PART OF THE *library1* CONCATENATION BUT WAS NOT ALLOCATED.

Explanation:

library1 ddname of the library being allocated

library2 ddname of a library that was part of the concatenation

The indicated library could not be allocated because allocation failed for one of the libraries that is concatenated to create the indicated library. Additional messages, such as GIM545xx, GIM54701, or GIM57601, indicate why the concatenated library failed.

System action: A subsequent message identifies the system action.

Programmer response: Fix the error for the *library2* library and rerun the job.

GIM54701I *svc99fn* FAILED FOR *library* – *errmsg*.

Explanation:

svc99fn SVC99 function that failed

library ddname of the library

errmsg the text of the error message from the message processing facility of SVC 99 that shows the reason for the failure

An error occurred during processing of an SVC99 (the dynamic allocation SVC) function for the indicated library.

Note: This message is issued for each buffer of information returned from the message processing facility of SVC 99.

System action: A subsequent message identifies the system action.

Programmer response: If necessary in the future, fix the error and rerun the job.

Note: Multiple SYSPRINT data sets may be allocated for an APPLY or RESTORE command that has cross-zone work to be done. If allocation fails for SYSPRINT, you need to use the File Allocation report to determine if the SYSPRINT allocation was for the set-to zone or whether it was for a cross-zone. Fix the SYSPRINT allocation that was in error.

GIM54701W *svc99fn* FAILED FOR *library* – *errmsg*.

Explanation:

svc99fn SVC99 function that failed

library ddname of the library

errmsg the text of the error message from the message processing facility of SVC 99 that shows the reason for the failure

An error occurred during processing of an SVC99 (the dynamic allocation SVC) function for the indicated library.

Note: This message is issued for each buffer of information returned from the message processing facility of SVC 99.

System action: A subsequent message identifies the system action.

Programmer response: If necessary, fix the error and rerun the job.

Note: Multiple SYSPRINT data sets may be allocated for an APPLY or RESTORE command that has cross-zone work to be done. If allocation fails for SYSPRINT, you need to use the File Allocation report to determine if the SYSPRINT allocation was for the set-to zone or whether it was for a cross-zone. Fix the SYSPRINT allocation that was in error.

GIM54701E *svc99fn* **FAILED FOR** *library* – *errmsg*.

Explanation:

svc99fn SVC99 function that failed

library ddname of the library

errmsg the text of the error message from the message processing facility of SVC 99 that shows the reason for the failure

An error occurred during processing of an SVC99 (the dynamic allocation SVC) function for the indicated library.

Note: This message is issued for each buffer of information returned from the message processing facility of SVC 99.

System action: A subsequent message identifies the system action.

Programmer response: Fix the error and rerun the job.

Note: Multiple SYSPRINT data sets may be allocated for an APPLY or RESTORE command that has cross-zone work to be done. If allocation fails for SYSPRINT, you need to use the File Allocation report to determine if the SYSPRINT allocation was for the set-to zone or whether it was for a cross-zone. Fix the SYSPRINT allocation that was in error.

GIM54701S *svc99fn* **FAILED FOR** *library* – *errmsg*.

Explanation:

svc99fn SVC99 function that failed

library ddname of the library

errmsg the text of the error message from the message processing facility of SVC 99 that shows the reason for the failure

An error occurred during processing of an SVC99 (the dynamic allocation SVC) function for the indicated library.

Note: This message is issued for each buffer of information returned from the message processing facility of SVC 99.

System action: A subsequent message identifies the system action.

Programmer response: Fix the error and rerun the job.

Note: Multiple SYSPRINT data sets may be allocated for an APPLY or RESTORE command that has cross-zone work to be done. If allocation fails for SYSPRINT, you need to use the File Allocation report to determine if the SYSPRINT allocation was for the set-to zone or whether it was for a cross-zone. Fix the SYSPRINT allocation that was in error.

GIM54701T *svc99fn* **FAILED FOR** *library* – *errmsg*.

Explanation:

svc99fn SVC99 function that failed

library ddname of the library

errmsg the text of the error message from the message processing facility of SVC 99 that shows the reason for the failure

An error occurred during processing of an SVC99 (the dynamic allocation SVC) function for the indicated library.

Note: This message is issued for each buffer of information returned from the message processing facility of SVC 99.

System action: A subsequent message identifies the system action.

Programmer response: Fix the error and rerun the job.

Note: Multiple SYSPRINT data sets may be allocated for an APPLY or RESTORE command that has cross-zone work to be done. If allocation fails for SYSPRINT, you need to use the File Allocation report to determine if the SYSPRINT allocation was for the set-to zone or whether it was for a cross-zone. Fix the SYSPRINT allocation that was in error.

GIM54801I ALLOCATION WAS NOT ATTEMPTED FOR *library* BECAUSE A PREVIOUS ALLOCATION ATTEMPT IN THIS ZONE FAILED.

Explanation:

library ddname of the library

Although the indicated library was required for command processing, SMP/E did not try to dynamically allocate it because a previous allocation attempt failed for that library.

During processing, SMP/E keeps track of all dynamic allocation attempts from one SET command to the next. When an allocation fails, SMP/E will not try that allocation again. The next SET command, however, resets the allocation history and lets SMP/E try the allocation again.

System action: A subsequent message identifies the system action.

Programmer response: If necessary in the future, do **one** of the following:

- Add the required DDDEF entry to the specified zone.
- Include the DD statement in the JCL used for SMP/E.

Then issue another SET command and rerun the failing command.

GIM54801W ALLOCATION WAS NOT ATTEMPTED FOR *library* BECAUSE A PREVIOUS ALLOCATION ATTEMPT IN THIS ZONE FAILED.

Explanation:

library ddname of the library

Although the indicated library was required for command processing, SMP/E did not try to dynamically allocate it because a previous allocation attempt failed for that library.

During processing, SMP/E keeps track of all dynamic allocation attempts from one SET command to the next. When an allocation fails, SMP/E will not try that allocation again. The next SET command, however, resets the allocation history and lets SMP/E try the allocation again.

System action: A subsequent message identifies the system action.

Programmer response: If necessary, do **one** of the following:

- Add the required DDDEF entry to the specified zone.
- Include the DD statement in the JCL used for SMP/E.

Then issue another SET command and rerun the failing command.

GIM54801E ALLOCATION WAS NOT ATTEMPTED FOR *library* BECAUSE A PREVIOUS ALLOCATION ATTEMPT IN THIS ZONE FAILED.

Explanation:

library ddname of the library

Although the indicated library was required for command processing, SMP/E did not try to dynamically allocate it because a previous allocation attempt failed for that library.

During processing, SMP/E keeps track of all dynamic allocation attempts from one SET command to the next. When an allocation fails, SMP/E will not try that allocation again. The next SET command, however, resets the allocation history and lets SMP/E try the allocation again.

System action: A subsequent message identifies the system action.

Programmer response: Do **one** of the following:

- Add the required DDDEF entry to the specified zone.
- Include the DD statement in the JCL used for SMP/E.

Then issue another SET command and rerun the failing command.

GIM54801S ALLOCATION WAS NOT ATTEMPTED FOR *library* BECAUSE A PREVIOUS ALLOCATION ATTEMPT IN THIS ZONE FAILED.

Explanation:

library ddname of the library

Although the indicated library was required for command processing, SMP/E did not try to dynamically allocate it because a previous allocation attempt failed for that library.

During processing, SMP/E keeps track of all dynamic allocation attempts from one SET command to the next. When an allocation fails, SMP/E will not try that allocation again. The next SET command, however, resets the allocation history and lets SMP/E try the allocation again.

System action: A subsequent message identifies the system action.

Programmer response: Do **one** of the following:

- Add the required DDDEF entry to the specified zone.
- Include the DD statement in the JCL used for SMP/E.

Then issue another SET command and rerun the failing command.

GIM54801T ALLOCATION WAS NOT ATTEMPTED FOR *library* BECAUSE A PREVIOUS ALLOCATION ATTEMPT IN THIS ZONE FAILED.

Explanation:

library ddname of the library

Although the indicated library was required for command processing, SMP/E did not try to dynamically allocate it because a previous allocation attempt failed for that library.

During processing, SMP/E keeps track of all dynamic allocation attempts from one SET command to the next. When an allocation fails, SMP/E will not try that allocation again. The next SET command, however, resets the allocation history and lets SMP/E try the allocation again.

System action: A subsequent message identifies the system action.

Programmer response: Do **one** of the following:

- Add the required DDDEF entry to the specified zone.
- Include the DD statement in the JCL used for SMP/E.

Then issue another SET command and rerun the failing command.

GIM54901I *library* WAS ALLOCATED BY THE USER AS SYSIN/SYSOUT.

Explanation:

library ddname of the library

The indicated data set was allocated outside of SMP/E, instead of dynamically by SMP/E.

- For background jobs, SMP/E found a DD statement in the JCL used to run SMP/E.
- For foreground processing, SMP/E found a file that was already allocated.

System action: None.

Programmer response: None. SMP/E writes this message to the SMPLOG data set for record-keeping purposes only. The message lets you use SMPLOG to verify that SMP/E directed updates to the correct data sets and volumes at any point in time.

GIM54902I *library* WAS ALLOCATED BY THE USER AS A DUMMY DATA SET.

Explanation:

library ddname of the library

The indicated data set was allocated outside of SMP/E, instead of dynamically by SMP/E.

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- For background jobs, SMP/E found a DD statement in the JCL used to run SMP/E.
- For foreground processing, SMP/E found a file that was already allocated.

System action: Processing continues.

Programmer response: No action is required.

SMP/E writes this message to the SMPLOG data set. The message enables you to use SMPLOG to verify that SMP/E directed updates to the correct data sets and volumes at any point in time.

GIM54902S *library* WAS ALLOCATED BY THE USER AS A DUMMY DATA SET.

Explanation:

library ddname of the library

An enqueue was attempted on a dummy data set. The indicated data set was allocated outside of SMP/E, instead of dynamically by SMP/E.

- For background jobs, SMP/E found a DD statement in the JCL used to run SMP/E.
- For foreground processing, SMP/E found a file that was already allocated.

System action: Command processing stops.

Programmer response: Specify a valid data set name for the data set and rerun the job.

SMP/E writes this message to the SMPLOG data set. The message enables you to use SMPLOG to verify that SMP/E directed updates to the correct data sets and volumes at any point in time. (This message is also written to SMPDOUT.)

GIM54903I *library* WAS ALLOCATED BY THE USER – *parameters*

Explanation:

library ddname of the library

parameters

allocation parameters

The indicated data set was allocated outside of SMP/E, instead of dynamically by SMP/E.

- For background jobs, SMP/E found a DD statement in the JCL used to run SMP/E.
- For foreground processing, SMP/E found a file that was already allocated.

System action: None.

Programmer response: None. SMP/E writes this message to the SMPLOG data set for record-keeping purposes only. The message enables you to use SMPLOG to verify that SMP/E directed updates to the correct data sets and volumes at any point in time.

GIM55000E LINK PROCESSING FAILED FOR LOAD MODULE *loadmod* BECAUSE THE *ddname* LIBRARY IS OUT OF SPACE.

Explanation:

loadmod LMOD name

ddname ddname of library

LINK processing failed because the indicated library ran out of space.

System action: Processing stops for the load module.

Programmer response: Increase the size of the indicated library and rerun the LINK MODULE command for this load module.

GIM55101I ZONE *zonename* WAS SUCCESSFULLY DELETED.

Explanation:

zonename

zone name

SMP/E deleted from the SMPCSI data set all the entries that were in the indicated zone.

System action: Processing continues.

Programmer response: None.

GIM55201I THE ZONEINDEX SUBENTRY FOR *zonename* WAS DELETED.

Explanation:

zonename
zone name

SMP/E deleted the indicated ZONEINDEX subentry.

System action: Processing continues.

Programmer response: None.

GIM55202W THE ZONEINDEX SUBENTRY FOR *zonename* WAS NOT DELETED. SMP/E COULD NOT OBTAIN ACCESS TO THE GLOBAL ZONE.

Explanation:

zonename
zone name

SMP/E was not able to delete the indicated ZONEINDEX subentry.

System action: Processing continues.

Programmer response: Use UCLIN to delete the ZONEINDEX subentry.

GIM55301W SMP/E COULD NOT ALLOCATE THE SMPPARM DATA SET TO CHECK FOR OPCODE VALUES. SMP/E USED THE DEFAULT SET OF OPCODE DEFINITIONS.

Explanation: During JCLIN processing, SMP/E could not allocate the SMPPARM data set, which contains members that list valid assembler OPCODEs. SMP/E uses this list of OPCODEs when it is scanning the assembler steps to distinguish valid OPCODEs from macro invocations.

Because SMP/E could not get the OPCODE lists from SMPPARM, SMP/E continues processing, using SMP/E's default set of OPCODE definitions. .

System action: Processing continues.

Programmer response: Do **one** of the following:

- Rerun the job with an SMPPARM DD statement.
- If message GIM55503I appears, determine whether the default method caused any errors. If so, use UCLIN to delete the incorrect entry.

The following is an example of how to use UCLIN to delete a MAC entry:

```
UCLIN.
DEL MAC(macname)
...
GENASM(genasm).
ENDUCL.
```

where:

- *macname* is the name of the macro from GIM55503I.
- *asment* is the name of the ASSEM entry from GIM55503I.

GIM55401W MEMBER *member* IS NOT IN THE SMPPARM DATA SET. SMP/E USED THE DEFAULT SET OF OPCODE DEFINITIONS.

Explanation:

member name of an OPCODE member

GIM55402W

During JCLIN processing of an assembler step, SMP/E needed to determine whether a character string was a macro or an OP CODE. The OP CODE member was not found. Therefore, SMP/E used the default set of OP CODE definitions.

System action: Processing continues.

Programmer response: Do **one** of the following:

- Check the member name, correct it if necessary, and rerun the job.
- If the required member is missing, code one, and rerun the job.
- Check the SMPPARM DD statement to ensure that it identifies the proper data set name. If not, correct it and rerun the job.
- If message GIM55503I appears, determine whether the default method caused any errors. If so, use UCLIN to delete the incorrect entry.

The following is an example of how to use UCLIN to delete a MAC entry:

```
UCLIN.  
DEL MAC(macname)  
    ...  
    GENASM(genasm).  
ENDUCL.
```

where:

- *macname* is the name of the macro from GIM55503I.
- *genasm* is the name of the ASSEM entry from GIM55503I.

GIM55402W MEMBER *member* IS NOT IN THE SMPPARM DATA SET. SMP/E USED ONLY THE OPCODES IN THE GIMOPCDE MEMBER.

Explanation:

member name of an OP CODE member

During JCLIN processing of an assembler step, SMP/E needed to determine whether a character string was a macro or an OP CODE. In this case, the user specified to look in member *macname* in SMPPARM. However, SMP/E could not find member *macname*, but it did find GIMOPCDE. As a result, SMP/E used only the OPCODEs in the GIMOPCDE member, not the member *macname* specified on the JCLIN command or the ++JCLIN MCS.

System action: Processing continues.

Programmer response: Do **one** of the following:

- Check the member name, correct it if necessary, and rerun the job.
- Add the member to the SMPPARM data set and rerun the job.
- Check the SMPPARM DD statement to ensure that it identifies the proper data set name. If not, correct it and rerun the job.
- If message GIM55503I appears, determine whether the default method caused any errors. If so, use UCLIN to delete the incorrect entry.

The following is an example of how to use UCLIN to delete a MAC entry:

```
UCLIN.  
DEL MAC(macname)  
    ...  
    GENASM(genasm).  
ENDUCL.
```

where:

- *macname* is the name of the macro from GIM55503I.
- *genasm* is the name of the ASSEM entry from GIM55503I.

GIM55503I *charstr* FOUND IN ASSEMBLY *asmname* INPUT IS CONSIDERED A MACRO BECAUSE IT IS NOT A DEFINED OPCODE.

Explanation:*charstr* character string*asmname*

name of the assembly

An assembler instruction could not be found either in the list of definitions provided by a user-supplied OPCODE member or in the SMP/E default set of OPCODE definitions.

System action: Processing continues.

Programmer response: Do **one** of the following:

- Fix the error shown in GIM55301W, GIM55401W, or GIM55402W.
- Determine whether the default method caused any errors. If so, use UCLIN to delete the incorrect entry.

The following is an example of how to use UCLIN to delete a MAC entry:

UCLIN.**DEL MAC**(*macname*)

...

GENASM(*genasm*).**ENDUCL.**

where:

- *macname* is the name of the macro.
- *genasm* is the name of the ASSEM entry.

GIM55601I *dataset* WAS NOT DEFINED. PROCESSING CONTINUES USING SYSPRINT INSTEAD.

Explanation:*dataset* ddname of the missing library or the ddname/zone where the allocation was used

During the invocation of a utility program, SMP/E used the PRINT value in the associated UTILITY entry to determine what SYSPRINT data set to use. However, there was no DD statement or DDDEF entry to allocate the indicated data set. Instead of stopping utility processing, SMP/E used the SYSPRINT data set for the output.

This is normal processing because the PRINT subentry is optional in the UTILITY entry.

System action: Processing continues.

Programmer response: You do not need to do anything for the current SMP/E run. However, you can fix the problem for subsequent processing by doing one of the following for the missing data set:

- Add a DDDEF entry to the applicable zones
- Add a DD statement to the JCL used to run SMP/E

Note: If this message was issued during the cross-zone processing of APPLY or RESTORE, the only way to fix the problem for future SMP/E runs is to add a DDDEF entry. Adding a DD statement will **not** resolve the problem.

GIM55801S THE *command* COMMAND SPECIFIED THE ZONE NAME *zonename*. THIS DOES NOT MATCH THE ZONE SPECIFIED ON THE PREVIOUS SET COMMAND.

Explanation:*command*

SMP/E command

zonename

zone name

System action: Command processing stops.

Programmer response: Check which zone name is correct. Fix the error and rerun the job.

GIM55802S THE *command* COMMAND SPECIFIED A *zonetype* ZONE. THIS CONFLICTS WITH THE ZONE TYPE OF THE ZONE SPECIFIED ON THE PREVIOUS SET COMMAND.

Explanation:*command*

SMP/E command

zonetype

DLIB or TARGET

The zone type specified on the command being processed conflicts with the zone type specified on the previous SET command. This message may be issued when an operand conflicts with the previous SET command — for example, when the ZONEDELETE command specifies the TARGETZONE operand and the previous SET command specifies a DLIB zone.

System action: Command processing stops.

Programmer response: Check which zone type is correct. Fix the error and rerun the job.

GIM55901E THE CONCAT OPERAND IS MUTUALLY EXCLUSIVE WITH ALL OTHER DDDEF ENTRY OPERANDS.

Explanation: A UCL statement for a DDDEF entry specified the CONCAT operand along with other operands. This is not allowed.

System action: Processing stops for the statement in error. Processing continues with the next statement.

Programmer response: Decide whether you want to define a real library or a concatenation. Specify the appropriate operands and rerun the job.

GIM56001E SMP/E DOES NOT ALLOW MORE THAN 123 DDDEFS ON THE CONCAT OPERAND.

Explanation: More than 123 names were specified on the CONCAT operand. This is more than SMP/E allows to be defined in a DDDEF.

Note: DFSMS/MVS sets its own limits on how many data sets can be concatenated. The actual limit depends on the kind of data sets to be concatenated (partitioned data sets or PDSEs) and the total number of extents for partitioned data sets. The DFSMS/MVS limit will very likely be less than 123 data sets. Therefore, although specifying 123 or fewer names on the CONCAT operand will prevent SMP/E from issuing message GIM56001E, other error messages (such as GIM54701E) may be issued later if the DFSMS/MVS limit is exceeded.

System action: Processing stops for the statement in error. Processing continues with the next statement.

Programmer response: Fix the statement to reduce the number of DDDEF names specified in the CONCAT operand to the **lesser** of 123 or the limit set by DFSMS/MVS. (See *z/OS DFSMS Using Data Sets*, SC23-6855, to determine the maximum number of data sets you can concatenate.) Then rerun the job.

GIM56101S A ZONE SPECIFIED ON THE *operand* OPERAND MUST BE A *zonetype1* ZONE. *zonename* IS A *zonetype2* ZONE.

Explanation:*operand* PURGE or TARGETZONE*zonetype1*

DLIB or TARGET

zonename

zone name

zonetype2

TARGET or DLIB

The indicated zone is not the correct type for the operand on which it was specified.

System action: Command processing stops.

Programmer response: Either:

- Remove the zone from the indicated operand, or

- Replace it with a zone of the correct type for that operand, or
- Replace the indicated operand with an operand compatible with the specified zone.

Then rerun the job.

GIM56200S SEGMENTED ARCHIVE FILES HAVE BEEN FOUND IN THE DIRECTORY NAMED ON THE *ddname* DD STATEMENT. SEGMENTED ARCHIVE FILES ARE SUPPORTED ONLY BY SMP/E VERSION 3 RELEASE 2 OR HIGHER.

Explanation:

ddname ddname for the DD statement

GIMUNZIP encountered segmented archive files. Segmented archives can only be processed by SMP/E Version 3 Release 2 or higher.

System action: Command processing stops.

Programmer response: Upgrade your level of SMP/E to obtain a version of GIMUNZIP that can process segmented archives.

GIM56301E RELATED ZONE *zonename* MUST BE A *zonetype* ZONE.

Explanation:

zonename

zone name

zonetype

zone type

The identified zone was specified as the related dlib zone in the TARGETZONE entry for a target zone. However, the ZONEINDEX entry in the global zone identifies this zone as a target zone.

System action: When issued from z/OSMF, the specified data set will be flagged in error. The application will continue to collect information about the software instance to be deployed, but the identified zone will not be included in subsequent processing and deployment will not occur until this error is resolved.

Programmer response: Either change the related zone in the TARGETZONE entry of the target zone, or fix the ZONEINDEX entry in the global zone. Then retry the application.

GIM56301S RELATED ZONE *zonename* MUST BE A *zonetype* ZONE.

Explanation:

zonename

zone name

zonetype

zone type

System action: Command processing stops.

Programmer response: Check that the related zone for the zone being processed is the correct type:

- If a DLIB zone is being processed, the related zone must be a target zone.
- If a target zone is being processed, the related zone must be a DLIB zone.

Specify the correct type of zone as the related zone. Then rerun the job.

GIM56401S *name* HAS ALREADY BEEN SPECIFIED ON EITHER THE SELECT OR EXCLUDE OPERAND.

Explanation:

name SYSMOD ID or FMIDSET

The indicated SYSMOD or FMIDSET name was repeated in one of the following ways:

1. It was specified more than once on the SELECT operand,
2. It was specified more than once on the EXCLUDE operand, or
3. It was specified on both the SELECT and EXCLUDE operands.

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None of these are allowed.

System action: Command processing stops.

Programmer response: Specify the SYSMOD or FMIDSET name only once. Then rerun the job.

GIM56402E SYSMOD *sysmod* WAS SPECIFIED MORE THAN ONCE ON A ++ASSIGN MCS. THIS IS NOT ALLOWED.

Explanation:

sysmod SYSMOD ID

System action: Processing stops for the ++ASSIGN statement. Processing continues with the next MCS statement.

Programmer response: Use UCLIN to add the source ID to the entry for the affected SYSMODs.

GIM56403S SYSMOD ID *sysmod* HAS ALREADY BEEN SPECIFIED FOR THE *reasonid* REASON ID ON THE HOLDSYSTEM BYPASS OPTION.

Explanation:

sysmod SYSMOD ID

reasonid reason ID

The indicated SYSMOD ID was specified more than once for the indicated reason ID on the HOLDSYSTEM BYPASS option. If the reason ID is specified more than once for the HOLDSYSTEM BYPASS option, be sure that the SYSMOD ID appears in only one of the SYSMOD ID lists associated with each reason ID specification.

System action: Command processing stops.

Programmer response: Remove the incorrect value. Then rerun the job.

GIM56404S *value* HAS ALREADY BEEN SPECIFIED ON THE *option* BYPASS OPTION.

Explanation:

value reason ID, SYSMOD ID or class

option BYPASS option

The indicated value was specified more than once on the indicated BYPASS option.

Note:

1. For the HOLDSYSTEM BYPASS option, the reason ID may be specified multiple times only if each occurrence identifies a list of exception SYSMOD IDs. A reason ID may not appear both by itself and with a list of SYSMOD IDs. Additionally, a SYSMOD ID may not appear more than once for any given reason ID.
2. For the XZIFREQ BYPASS option, the SYSMOD id may be specified multiple times only if each occurrence identifies an associated zone name. A SYSMOD ID may not appear both by itself and as part of a SYSMOD/zone pair. Additionally, each SYSMOD/zone pair must be unique.

System action: Command processing stops.

Programmer response: Remove the incorrect value. Then rerun the job.

GIM56405S ZONE *zonename* HAS ALREADY BEEN SPECIFIED FOR THE *sysmod* SYSMOD ID ON THE XZIFREQ BYPASS OPTION.

Explanation:

zonename

zone name

sysmod SYSMOD ID

The indicated zone name was specified more than once for the indicated SYSMOD ID on the XZIFREQ BYPASS option.

System action: Command processing stops.

Programmer response: Remove the incorrect value. Then rerun the job.

GIM56501I THE *subtype* SUBENTRY WAS ADDED INSTEAD OF REPLACED BECAUSE IT DID NOT EXIST.

Explanation:

subtype subentry type

A UCL statement attempted to replace the indicated subentry, but the subentry does not exist. SMP/E assumed that you wanted to add the subentry.

System action: SMP/E processes the subentry as if ADD were specified.

Programmer response: None.

GIM566I JOB *jobname* HAS BEEN WAITING *mm* MINUTES FOR PACKAGE ID RESOURCE *package*.

Explanation:

jobname job name

mm time the task has been waiting (a multiple of 30 minutes)

package package id value

The PROCESS=WAIT parameter was specified on the EXEC statement for SMP/E, which indicates that SMP/E should wait for a required resource if it is not immediately available. The job being processed needs the indicated package id resource, which is currently being used by another iteration of SMP/E. The job will continue to wait until the resource is available or until you cancel the job.

System action: None.

Programmer response: None, unless you decide to cancel the job.

GIM56601E ENTRY *entname* WAS NOT ADDED BECAUSE IT ALREADY EXISTS.

Explanation:

entname

entry name

The indicated entry already exists, so SMP/E cannot add it.

System action: Processing stops for the statement in error. Processing continues with the next statement.

Programmer response: Specify the correct entry name and rerun the job.

GIM56701E THERE IS AN ERROR IN A *++mcstype* MCS FOR SYSMOD *sysmod* IN SMPHOLD.

Explanation:

mcstype MCS type (++HOLD or ++RELEASE)

sysmod SYSMOD ID

Another message immediately precedes this message to describe the specific error.

System action: Processing stops for the MCS that is in error.

Programmer response: Check the operands on the indicated MCS. Fix the error and rerun the job.

GIM56702E THERE IS AN ERROR IN A *++mcstype* MCS IN SMPHOLD. THE SYSMOD IS UNKNOWN.

Explanation:

mcstype MCS type (++HOLD or ++RELEASE)

Message GIM203xx immediately precedes this message and shows that the line immediately before that message has a syntax error.

System action: Processing stops for the MCS that is in error.

Programmer response: Check the operands on the indicated MCS. Fix the error and rerun the job.

GIM56703E THERE IS AN ERROR IN A ++NULL MCS IN SMPHOLD.

Explanation: Message GIM203xx immediately precedes this message and shows that the line immediately before that message has a syntax error.

System action: Processing stops for the MCS that is in error.

Programmer response: Check the operands on the indicated MCS. Fix the error and rerun the job.

GIM56704E THERE IS AN ERROR IN AN UNKNOWN MCS IN SMPHOLD.

Explanation: Message GIM203xx immediately precedes this message and shows that the line immediately before that message has a syntax error.

System action: Processing stops for the MCS that is in error.

Programmer response: Check the operands on the indicated MCS. Fix the error and rerun the job.

GIM56801E A SUBENTRY VALUE WAS SPECIFIED MORE THAN ONCE FOR THE *subtype* SUBENTRY. THIS IS NOT ALLOWED.

Explanation:
subtype subentry type

The same value was specified more than once on the indicated subentry.

System action: Processing stops for the statement in error. Processing continues with the next statement.

Programmer response: Remove the duplicate value and rerun the statement.

GIM56901S A UCL STATEMENT FOR THE ZONEINDEX SUBENTRY CONTAINS AN ERROR. THE REMAINING UCL STATEMENTS UP TO THE ENDUCL COMMAND WERE NOT PROCESSED.

Explanation: SMP/E found an error while processing a ZONEINDEX change. Because it considers this a critical error that can cause unpredictable results, it did not process the subsequent UCL statements.

System action: All UCLIN processing stops. However, SMP/E checks the syntax of the subsequent UCL statements.

Programmer response: Fix the statement in error and rerun all the statements that were not processed.

GIM57001E THE PARM SUBENTRY EXCEEDS THE 100-CHARACTER MAXIMUM.

Explanation: More than 100 characters were specified on the PARM subentry. This is not allowed.

System action: Processing stops for the statement in error. Processing continues with the next statement.

Programmer response: Fix the statement in error and rerun the job.

GIM57001T THE PARM SUBENTRY EXCEEDS THE 100-CHARACTER MAXIMUM.

Explanation: More than 100 characters were specified on the PARM subentry. This is not allowed.

System action: SMP/E processing stops.

Programmer response: Fix the statement in error and rerun the job.

GIM57101E CONCAT IS NOT ALLOWED WHEN OTHER SUBENTRIES ALREADY EXIST IN THE DDDEF ENTRY.

Explanation: The CONCAT operand was specified on a UCL statement to update an existing DDDEF entry that contains other subentries. This is not allowed.

System action: Processing stops for the statement in error. Processing continues with the next statement.

Programmer response: Fix the statement in error and rerun the job.

GIM57201E OTHER SUBENTRIES ARE NOT ALLOWED WHEN CONCAT ALREADY EXISTS IN THE DDDEF ENTRY.

Explanation: Other operands were specified on a UCL statement to update an existing DDDEF entry that contains the CONCAT subentry. This is not allowed.

System action: Processing stops for the statement in error. Processing continues with the next statement.

Programmer response: Fix the statement in error and rerun the job.

GIM57301E THE UCL STATEMENT FOR THE *enttype* ENTRY MUST CONTAIN AT LEAST ONE SUBENTRY OPERAND.

Explanation:

enttype entry type

The indicated statement does not contain enough information for UCLIN processing.

System action: Processing stops for the statement in error. Processing continues with the next statement.

Programmer response: Add the desired operands to the statement and rerun the job.

GIM57302S THE GIMDDALC CONTROL STATEMENT FOR THE *dataset* DATA SET MUST CONTAIN AT LEAST ONE OPERAND.

Explanation:

dataset ddname

A GIMDDALC control statement does not contain enough information for SMP/E to use the control statement. This message is immediately preceded by the line with the error.

Note: SMP/E checks only columns 1 through 72. If any data is specified beyond column 72, SMP/E ignores it and indicates an error in the statement.

System action: Command processing stops.

Programmer response: Correct the control statement and rerun the job.

GIM57303S THE GIMDDALC CONTROL STATEMENT FOR THE *dataset* DATA SET HAS ALREADY BEEN FOUND. ONLY ONE GIMDDALC CONTROL STATEMENT IS ALLOWED FOR EACH DATA SET.

Explanation:

dataset ddname

A GIMDDALC control statement for the indicated data set was already found in the GIMDDALC member. Only one control statement may be specified for each data set.

System action: Command processing stops.

Programmer response: Remove the duplicate control statement and rerun the job.

GIM57304S THE GIMEXITS CONTROL STATEMENT FOR THE *exitpnt* EXIT POINT HAS ALREADY BEEN FOUND. ONLY ONE GIMEXITS CONTROL STATEMENT IS ALLOWED FOR EACH EXIT POINT.

Explanation:

exitpnt exit point identifier

A GIMEXITS control statement for the indicated exit point was already found in the GIMEXITS member. Only one control statement may be specified for each exit point.

System action: Command processing stops.

Programmer response: Remove the duplicate control statement and rerun the job.

GIM57501E THE BACKUP OPERAND IS NOT ALLOWED WITH OTHER LIST OPERANDS.

Explanation: If BACKUP is specified on the LIST command, no other operands are allowed.

System action: Command processing stops.

Programmer response: Fix the error and rerun the job. For more information about the syntax of SMP/E commands, see *SMP/E for z/OS Commands*.

GIM57601I DYNAMIC ALLOCATION FAILED FOR *library1* BECAUSE IT CONCATENATES THE *library2* DDDEF ENTRY, WHICH CONCATENATES OTHER DATA SETS. THIS IS NOT ALLOWED.

Explanation:

library1 ddname of the library being allocated

library2 ddname of the library being concatenated

The DDDEF entry for the library being allocated concatenated another library, which also concatenated libraries. This is not allowed. You cannot nest concatenated libraries.

System action: Processing continues.

Programmer response: If necessary in the future, fix the DDDEF entry for the library being allocated so that it does not include other concatenation DDDEF entries. Then rerun the job.

GIM57601W DYNAMIC ALLOCATION FAILED FOR *library1* BECAUSE IT CONCATENATES THE *library2* DDDEF ENTRY, WHICH CONCATENATES OTHER DATA SETS. THIS IS NOT ALLOWED.

Explanation:

library1 ddname of the library being allocated

library2 ddname of the library being concatenated

The DDDEF entry for the library being allocated concatenated another library, which also concatenated libraries. This is not allowed. You cannot nest concatenated libraries.

System action: Processing continues.

Programmer response: If necessary, fix the DDDEF entry for the library being allocated so that it does not include other concatenation DDDEF entries. Then rerun the job.

GIM57601E DYNAMIC ALLOCATION FAILED FOR *library1* BECAUSE IT CONCATENATES THE *library2* DDDEF ENTRY, WHICH CONCATENATES OTHER DATA SETS. THIS IS NOT ALLOWED.

Explanation:

library1 ddname of the library being allocated

library2 ddname of the library being concatenated

The DDDEF entry for the library being allocated concatenated another library, which also concatenated libraries. This is not allowed. You cannot nest concatenated libraries.

System action: SYSMOD processing stops.

Programmer response: Fix the DDDEF entry for the library being allocated so that it does not include other concatenation DDDEF entries. Then rerun the job.

GIM57601S DYNAMIC ALLOCATION FAILED FOR *library1* BECAUSE IT CONCATENATES THE *library2* DDDEF ENTRY, WHICH CONCATENATES OTHER DATA SETS. THIS IS NOT ALLOWED.

Explanation:

library1 ddname of the library being allocated

library2 ddname of the library being concatenated

The DDDEF entry for the library being allocated concatenated another library, which also concatenated libraries. This is not allowed. You cannot nest concatenated libraries.

System action: Command processing stops.

Programmer response: Fix the DDDEF entry for the library being allocated so that it does not include other concatenation DDDEF entries. Then rerun the job.

GIM57601T DYNAMIC ALLOCATION FAILED FOR *library1* BECAUSE IT CONCATENATES THE *library2* DDDEF ENTRY, WHICH CONCATENATES OTHER DATA SETS. THIS IS NOT ALLOWED.

Explanation:

library1 ddname of the library being allocated

library2 ddname of the library being concatenated

The DDDEF entry for the library being allocated concatenated another library, which also concatenated libraries. This is not allowed. You cannot nest concatenated libraries.

System action: SMP/E processing stops.

Programmer response: Fix the DDDEF entry for the library being allocated so that it does not include other concatenation DDDEF entries. Then rerun the job.

GIM57701T AN I/O ERROR OCCURRED DURING *command* PROCESSING FOR THE *dataset* DATA SET.

Explanation:

command

type of processing being done (READ, WRITE, STOW, BLDL, OPEN, CLOSE)

dataset ddname of the data set.

SMP/E was processing a non-VSAM data set (a sequential data set or the directory of a partitioned data set) when it encountered an I/O error. This error may have been indicated by one of the following:

- The return code from a STOW or BLDL operation
- The SYNAD exit for READ and WRITE operations

System action: SMP/E's action depends on the following:

- The data set where SMP/E detected the I/O error
- The processing that SMP/E had already done

Subsequent messages show SMP/E's action. The action may range from stopping SYSMOD processing to stopping SMP/E processing.

Programmer response: Find the cause of the error from the message. Check for correct DCB information on the input DD statement (especially for a non-labeled tape). Fix the error and rerun the SMP/E job.

GIM57702T AN I/O ERROR OCCURRED DURING *command* PROCESSING FOR *mentype* MEMBER *memname* IN THE *dataset* DATA SET.

Explanation:

command

type of processing being done (READ, WRITE, STOW, BLDL, OPEN, CLOSE)

mentype

member type

memname

member name

dataset ddname of the data set

SMP/E was processing a non-VSAM data set (a member of a partitioned data set) when it encountered an I/O error. This error may have been indicated by one of the following:

- The return code from a STOW or BLDL operation
- The SYNAD exit for READ and WRITE operations

Note that if the member name is greater than 300 characters, only the first 300 characters are placed in the message.

System action: SMP/E's action depends on the following:

- The data set where SMP/E detected the I/O error

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- The processing that SMP/E had already done

Subsequent messages show SMP/E's action. The action may range from stopping SYSMOD processing to stopping SMP/E processing.

Programmer response: Find the cause of the error from the message. Fix the error and rerun the SMP/E job.

GIM57703T AN I/O ERROR OCCURRED DURING *command* PROCESSING FOR *mentype* MEMBER *memname* IN THE *dataset* DATA SET. APPROXIMATE TTR=*ttr*.

Explanation:

command

type of processing being done (READ, WRITE, STOW, BLDL, OPEN, CLOSE)

mentype

member type

memname

member name

dataset ddname of the data set

ttr

TTR where the error was detected:

- For READ operations, the TTR is from the first record for the indicated member.
- For WRITE operations, the TTR is from the DCB where SMP/E did the last write.

SMP/E was processing a non-VSAM data set (a member of a partitioned data set) when it encountered an I/O error. This error may have been indicated by one of the following:

- The return code from a STOW or BLDL operation
- The SYNAD exit for READ and WRITE operations

System action: SMP/E's action depends on the following:

- The data set where SMP/E detected the I/O error
- The processing that SMP/E had already done

Subsequent messages show SMP/E's action. The action may range from continuing processing to stopping SMP/E processing.

Programmer response: Find the cause of the error from the message. Fix the error and rerun the SMP/E job.

GIM57801E THE *operand* OPERAND IS NOT ALLOWED ON THE *command* COMMAND.

Explanation:

operand operand

command

SMP/E command

An operand that is not allowed was specified on the indicated command.

System action: Command processing stops.

Programmer response: Remove the operand from the command and rerun the job.

GIM57802I THE *operand* OPERAND IS NO LONGER ALLOWED FOR THE *command* COMMAND.

Explanation:

operand operand

command

SMP/E command

The operand was supported in past releases of SMP/E, but is no longer used.

System action: Processing continues.

Programmer response: To prevent this message, remove the operand from the command.

GIM57802E THE *operand* OPERAND IS NO LONGER ALLOWED FOR THE *command* COMMAND.

Explanation:

operand operand
command
 SMP/E command

The operand was supported in past releases of SMP/E, but is no longer used.

System action: SMP/E does not process any of the changes for this UCL statement.

Programmer response: Remove the operand, and rerun the command.

GIM57901S SMPCSI DATA SET *dataset* IS OUT OF SPACE.

Explanation:

dataset data set name

This message is issued in either of the following cases:

- The indicated SMPCSI data set is full.
- There is not enough room on the DASD where the indicated SMPCSI data set resides.

System action: Command processing stops.

Programmer response: Do **one** of the following:

- If the indicated SMPCSI data set is full, use IDCAMS (the AMS utility) to obtain additional space. You have several options:
 - **REPRO.** Allocate a new, larger CSI and use the AMS REPRO command to copy the old data set that is out of space into the new one.
 - **ADDVOLUMES.** Use the AMS ALTER ADDVOLUMES command to add another volume to the CSI.
 - **EXPORT and IMPORT.** Use the AMS IMPORT and EXPORT commands to move the old CSI to a new, larger CSI.
 1. Export the SMPCSI data set to a sequential data set.
 2. Delete the original SMPCSI data set.
 3. Define a new SMPCSI data set with the same name and more space.
 4. Import the exported data set into the new data set.
- If there is not enough room on the DASD, delete and compress data sets on that DASD as appropriate to free up space.

Then rerun the job.

Note: If the job fails again after you have taken steps to get more space, the reason could be that SMP/E updated or created CSI entries before processing stopped for the original abend. If this was the case:

1. Check which element entries (including LMOD entries) were affected by the processing. The Element Summary report from your first attempt to run the job will help you with this step.
 2. Use UCLIN to undo changes to updated entries and to delete any entries that were created.
 3. Then rerun the job.
-

GIM58000S *command* COMMAND PROCESSING FAILED. THE *package-id* PACKAGE CONTAINS ARCHIVE FILES THAT HAVE BEEN SEGMENTED. SEGMENTED ARCHIVE FILES ARE SUPPORTED ONLY BY SMP/E VERSION 3 RELEASE 2 OR HIGHER.

Explanation:

command
 SMP/E command
package-id
 id for the package being received

The specified SMP/E command was attempting to process a package that contained segmented archive files. Segmented archive files can only be processed by SMP/E Version 3 Release 2 or higher.

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System action: Command processing continues.

Programmer response: Upgrade your level of SMP/E to a version that can process segmented archives.

GIM58101I *progrname* IS NOT ALLOWED FOR THE *utiltype* UTILITY BECAUSE IT IS NOT DEFINED IN GIMUTTBL.

Explanation:

progrname

program name

utiltype utility type

System action: Processing continues.

Programmer response: No action is required.

GIM58101W *progrname* IS NOT ALLOWED FOR THE *utiltype* UTILITY BECAUSE IT IS NOT DEFINED IN GIMUTTBL.

Explanation:

progrname

program name

utiltype utility type

System action: Cross-zone updates are not made for the zone named in the message. Processing continues with the next cross-zone.

Programmer response: If you want to define the program for the indicated utility, add it to GIMUTTBL. For more information, see the GIMUTTBL chapter in *SMP/E for z/OS Reference*. Then use the Cross-Zone Summary report and the MOVE/RENAME/DELETE report to determine which cross-zone updates were not done. Create a LINK MODULE command (or, for ++RENAME, a UCLIN command) to update the indicated load modules.

GIM58101S *progrname* IS NOT ALLOWED FOR THE *utiltype* UTILITY BECAUSE IT IS NOT DEFINED IN GIMUTTBL.

Explanation:

progrname

program name

utiltype utility type

System action: Command processing stops.

Programmer response: If you want to define the program for the indicated utility, add it to GIMUTTBL. For more information, see the GIMUTTBL chapter in *SMP/E for z/OS Reference*. Then rerun the job.

GIM58201S ZONE *zonename* WAS NOT RENAMED BECAUSE THERE IS NO ZONEINDEX SUBENTRY FOR IT.

Explanation:

zonename

zone name

System action: ZONERENAME processing stops.

Programmer response: Do **one** of the following:

- Make sure the zone is specified correctly on the command.
- Make sure there is a ZONEINDEX subentry for the zone in the GLOBALZONE entry.

Then rerun the command.

GIM58301S *zonename1* WAS NOT RENAMED BECAUSE THERE IS ALREADY A ZONEINDEX SUBENTRY FOR THE NEW NAME *zonename2*.

Explanation:

zonename1

current zone name

zonename2
new zone name

SMP/E tried to rename the indicated zone but could not. The new zone name is already defined by a ZONEINDEX subentry.

System action: ZONERENAME processing stops.

Programmer response: Do **one** of the following:

- Make sure the zone is specified correctly on the command.
- Check whether the indicated ZONEINDEX subentry defines an existing zone.
 - If so, choose a different new name for the zone being renamed.
 - If not, use UCLIN to delete the ZONEINDEX subentry for the new zone name.

Then rerun the job.

GIM58401S *zonename1* WAS NOT RENAMED BECAUSE THE NEW ZONE NAME *zonename2* ALREADY EXISTS IN SMPCSI DATA SET *dataset*.

Explanation:

zonename1
name of the zone being renamed

zonename2
new zone name

dataset SMPCSI data set name associated with the ddname specified on the NEWDATASET operand

SMP/E tried to rename the zone that was copied into the indicated data set. However, there are already records for a zone with the new name in that data set.

System action: ZONERENAME processing stops.

Programmer response: To get rid of the unwanted records, do the following:

1. Use UCLIN to add a ZONEINDEX subentry for the new zone name and the indicated data set.
2. Make sure that you do not need the records in the indicated data set.
3. Use ZONEDELETE to delete the new zone name from the data set.
4. Rerun the ZONERENAME command.

GIM58501I ZONE *zonename1* CANNOT BE RENAMED TO *zonename2*.

Explanation:

zonename1
current zone name

zonename2
new zone name

The indicated zone could not be renamed. Previous messages show why not.

System action: ZONERENAME processing stops.

Programmer response: Correct the errors shown by previous error messages and rerun the ZONERENAME command.

GIM58601I ZONE *zonename1* WAS RENAMED TO *zonename2*.

Explanation:

zonename1
old zone name

zonename2
new zone name

The indicated zone was successfully renamed.

System action: Processing continues.

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Programmer response: None.

GIM58701I ZONE *zonename1* WAS RENAMED TO *zonename2* IN SMPCSI DATA SET *dataset*.

Explanation:

zonename1

old zone name

zonename2

new zone name

dataset SMPCSI data set name associated with the ddname specified on the NEWDATASET operand

The indicated zone was successfully renamed in the data set specified on the NEWDATASET operand.

System action: Processing continues.

Programmer response: None.

GIM58801S THERE IS A ZONEINDEX SUBENTRY FOR *zonename* BUT THE ZONE DOES NOT EXIST IN THE SMPCSI DATA SET.

Explanation:

zonename

zone name

SMP/E found a ZONEINDEX subentry for the indicated zone. However, there are no entries for the zone (no zone definition entry and no other types of entries) in the SMPCSI data set that SMP/E checked.

- If NEWDATASET was specified, SMP/E checked the specified SMPCSI data set.
- Otherwise, SMP/E checked the SMPCSI data set specified in the ZONEINDEX subentry.

System action: ZONERENAME processing stops.

Programmer response: Make sure to specify the correct zone to be renamed. Use the LIST command to check the following:

- If you specify the NEWDATASET operand, make sure the zone exists in the SMPCSI data set specified by NEWDATASET.
- If you do not specify NEWDATASET, make sure the zone exists in the SMPCSI data set specified by the ZONEINDEX subentry in the global zone.

Then rerun the job.

GIM58900S *command* PROCESSING HAS BEEN STOPPED. SMP/E WOULD HAVE MADE A CHANGE TO THE *zonename* ZONE THAT CAN NOT BE PROCESSED COMPLETELY BY PRIOR LEVELS OF SMP/E. USE THE UPGRADE COMMAND TO ALLOW SMP/E TO MAKE SUCH CHANGES.

Explanation:

command

command being processed

zonename

name of the current zone being processed

The command being processed would have made a change to the indicated zone or related data sets that cannot be processed properly by prior release levels of SMP/E. Such changes are sometimes necessary to support new and improved capabilities in SMP/E. For example, a new type of element requires a new entry type in the zone, and new entry types are typically not understood nor processed correctly by prior levels of SMP/E that have not been specifically updated to do so.

SMP/E issues this message and stops command processing to give you control in determining when such a change should be made.

System action: Command processing stops.

Programmer response: Run the UPGRADE command to update the UPGLEVEL subentry for indicated zone, and then rerun the failing job. The UPGRADE command allows SMP/E to make changes to the zone that may be

incompatible with prior SMP/E release levels. After such changes are made, you will likely not have full SMP/E functions available for the zone when using a prior release level of SMP/E.

If the command being processed is the ZONEMERGE command, the UPGRADE command must be run using a level of SMP/E that is equal to or higher than the UPGLEVEL subentry found in the zone entry of the originating zone specified on the ZONEMERGE command. For example, if the UPGLEVEL subentry of the zone entry for the originating zone is 34.00, then the UPGRADE command must be run using SMP/E 3.4 or higher.

GIM58901E *command* **PROCESSING FAILED FOR SYSMOD *sysmodid*. SYSMOD *sysmodid* WOULD HAVE CAUSED A CHANGE TO THE *zonename* ZONE THAT CAN NOT BE PROCESSED COMPLETELY BY PRIOR LEVELS OF SMP/E. USE THE UPGRADE COMMAND TO ALLOW SMP/E TO MAKE SUCH CHANGES.**

Explanation:

command

command being processed

sysmodid

SYSMOD ID

zonename

name of the current zone being processed

The indicated SYSMOD would have caused a change to the indicated zone or related data sets that may not be processed properly by prior release levels of SMP/E. Such changes are sometimes necessary to support new and improved capabilities in SMP/E. For example, a new type of element requires a new entry type in the zone, and new entry types are typically not understood nor processed correctly by prior levels of SMP/E that have not been specifically updated to do so.

SMP/E issues this message and fails command processing for the SYSMOD to give you control in determining when such a change should be made.

System action: SYSMOD processing stops.

Programmer response: Run the UPGRADE command to update the UPGLEVEL subentry for the indicated zone, and then rerun the failing job. The SYSMOD cannot be processed until you use the UPGRADE command. The UPGRADE command allows SMP/E to make changes to the zone that might be incompatible with prior SMP/E release levels. After such changes are made, you will likely not have full SMP/E functions available for the zone when using a prior release level of SMP/E.

GIM58902S **SMP/E CANNOT ASSIGN SOURCEID *sourceid* TO ANY SYSMODS BECAUSE IT WOULD MAKE A CHANGE TO THE *zonename* ZONE THAT CANNOT BE PROCESSED COMPLETELY BY PRIOR LEVELS OF SMP/E. USE THE UPGRADE COMMAND TO ALLOW SMP/E TO MAKE SUCH CHANGES.**

Explanation:

sourceid source ID

zonename

name of the current zone being processed

A sourceid value greater than 8 characters in length or containing a character other than uppercase alphabetic (A-Z), numeric (0-9), or national (@, #, \$) was found on the SOURCEID operand of the RECEIVE command. SMP/E did not process this sourceid because it cannot be processed properly by prior release levels of SMP/E.

SMP/E issues this message and fails command processing. You can then determine when the change should be made.

System action: Command processing stops.

Programmer response: Either:

- Run the UPGRADE command to update the UPGLEVEL subentry of the indicated zone, and then rerun the job. The UPGRADE command allows SMP/E to make changes to the zone that might be incompatible with prior SMP/E releases. After such changes are made, you are likely to lose some SMP/E functions for the zone when using a prior release level of SMP/E.

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- Remove the SOURCEID operand from the command.
- Modify the specified sourceid value to be 8 characters or less in length, and to contain only uppercase alphabetic (A-Z), numeric (0-9) or national (@, #, \$) characters.

GIM58903W SMP/E COULD NOT PROCESS A ++*mcs* MCS BECAUSE IT WOULD HAVE MADE A CHANGE TO THE *zonename* ZONE THAT CANNOT BE PROCESSED COMPLETELY BY PRIOR LEVELS OF SMP/E. USE THE UPGRADE COMMAND TO ALLOW SMP/E TO MAKE SUCH CHANGES.

Explanation:

mcs MCS type (either ++ASSIGN or ++HOLD FIXCAT)

zonename

name of the current zone being processed

If the indicated MCS is ++ASSIGN, then a sourceid value greater than 8 characters in length or containing a character other than uppercase alphabetic (A-Z), numeric (0-9), or national (@,#,\$) was found on a ++ASSIGN MCS. SMP/E did not process this sourceid because it cannot be processed properly by prior releases of SMP/E.

If the indicated MCS is ++HOLD FIXCAT, then SMP/E did not process the HOLD statement because it cannot be processed properly by prior releases of SMP/E.

SMP/E issues this message and ignores the indicated MCS. You can then determine when a change should be made.

System action: Command processing continues. The sourceid is not assigned to any SYSMODs, or the HOLD statement is not received.

Programmer response: The UPGRADE command allows SMP/E to make changes to the zone that might be incompatible with prior SMP/E release levels. After such changes are made, you will likely not have full SMP/E functions available for the zone when using a prior release level of SMP/E.

For ++ASSIGN and sourceids, see the RECEIVE Summary Report to determine which sourceid values were not assigned because of the inappropriate UPGRADE level. If it is necessary for the specified sourceid to be assigned, run the UPGRADE command to update the UPGLEVEL subentry of the indicated zone, and then rerun the job. Any SYSMODs that had already been received are not received again. However, the sourceid value is assigned to those SYSMODs.

For ++HOLD FIXCAT, if you want to receive and use them, run the UPGRADE command to update the UPGLEVEL subentry of the indicated zone, and then rerun the job. Any SYSMODs that had already been received will not be received again. However, the ++HOLD FIXCAT statements will be received.

GIM58904E *command* PROCESSING FAILED FOR SYSMOD *sysmodid*. SYSMOD *sysmodid* CONTAINS A SOURCEID VALUE THAT CANNOT BE PROCESSED BY THE CURRENT RELEASE OF SMP/E. THIS DATA IS SUPPORTED ONLY BY SMP/E VERSION *ver* RELEASE *rel* OR HIGHER.

Explanation:

operand command or MCS operand

sysmodid

SYSMOD name

ver SMP/E version needed for processing

rel SMP/E release needed for processing

When a SYSMOD is applied or accepted, a SYSMOD entry is created in the target or distribution zone and it contains the SOURCEID subentries from the global zone SYSMOD entry. The indicated SYSMOD had been received into the global zone using the indicated level of SMP/E (or higher). The SYSMOD entry contains a SOURCEID subentry value that cannot be processed completely by the current level of SMP/E. Such a sourceid value is greater than 8 characters in length or contains a character other than uppercase alphabetic (A-Z), numeric (0-9) or national (@, #, \$)

System action: SYSMOD processing stops.

Programmer response: Rerun the command using the indicated SMP/E level or higher.

GIM58905E *command* PROCESSING FAILED FOR SYSMOD *sysmodid*. The SYSMOD ENTRY IN THE GLOBAL ZONE FOR SYSMOD *sysmodid* CONTAINS A SOURCEID SUBENTRY THAT WOULD HAVE CAUSED A CHANGE TO THE *zonename* ZONE THAT CANNOT BE PROCESSED COMPLETELY BY PRIOR LEVELS OF SMP/E. USE THE UPGRADE COMMAND TO ALLOW SMP/E TO MAKE SUCH CHANGES.

Explanation:*command*

SMP/E command

sysmodid

SYSMOD ID

zonename

name of the current zone being processed

When a SYSMOD is applied or accepted, a SYSMOD entry is created in the target or distribution zone and it contains the SOURCEID subentries from the global zone SYSMOD entry. However, the indicated SYSMOD entry in the global zone contains a SOURCEID value that cannot be processed completely by prior levels of SMP/E. Creating the SYSMOD entry in the target of distribution zone would have made that zone incompatible with prior levels of SMP/E.

SMP/E issues this message and fails command processing for the SYSMOD to give you control in determining when such a change should be made.

System action: SYSMOD processing stops.

Programmer response: Run the UPGRADE command to update the UPLEVEL subentry for the indicated zone, and then rerun the failing job. The SYSMOD cannot be processed until you use the UPGRADE command. The UPGRADE command allows SMP/E to make changes to the zone that might be incompatible with prior SMP/E release levels. After such changes are made, you will likely not have full SMP/E functions available for the zone when using a prior release level of SMP/E.

GIM58906S *command* PROCESSING FAILED. SMP/E CANNOT ACCURATELY SELECT SYSMODS FOR PROCESSING USING THE SOURCEID VALUES IMPLICITLY SPECIFIED ON THE SOURCEID OR EXSRCID OPERANDS. ONE OR MORE SYSMODS IN THE GLOBAL ZONE CONTAINS A SOURCEID VALUE THAT CANNOT BE PROCESSED BY THE CURRENT RELEASE OF SMP/E. THE SOURCEIDS ARE SUPPORTED ONLY BY SMP/E VERSION 3 RELEASE 5 OR HIGHER.

Explanation:*command*

SMP/E command

The global zone contains one or more SYSMOD entries that contain a sourceid value that cannot be processed by the current level of SMP/E. Because the SOURCEID or EXSRCID operand was specified on the command with an implicit value (one containing the '*' character), SMP/E cannot properly perform SYSMOD selection.

System action: SYSMOD processing stops.

Programmer response: Perform one of the following actions:

1. Rerun the job using SMP/E V3R5 or higher.
2. Explicitly specify the sourceid values on the SOURCEID and EXSRCID operands (do not use the '*' character).
3. Do not specify the SOURCEID or EXSRCID operands.

Note: Completing one of the preceding actions will allow SMP/E to complete the SYSMOD selection phase of command processing. However, options 2 and 3 might still result in a failure because the current level of SMP/E cannot process certain sourceid values. If a selected SYSMOD contains a sourceid value in its global zone entry, and this sourceid value cannot be processed by the current release of SMP/E, command processing will fail for that SYSMOD.

GIM59001S ZONE *zonename* WAS NOT RENAMED BECAUSE THE NEW ZONE NAME AND THE OLD ZONE NAME ARE THE SAME.

Explanation:

zonename

zone name

System action: ZONERENAME processing stops.

Programmer response: Specify a different value for the new name of the zone and rerun the job.

GIM59100W THE UPGRADE COMMAND IS ONLY SUPPORTED BY SMP/E VERSION 3 RELEASE 2 OR HIGHER. THE COMMAND IS IGNORED.

Explanation: The UPGRADE command is only supported in SMP/E Version 3 Release 2 or higher.

System action: The UPGRADE command is ignored and SMP/E processing continues.

Programmer response: If you intended to use the UPGRADE command, rerun the job using a higher level of SMP/E that supports the UPGRADE command. Otherwise, no response is required.

GIM59201S THE GLOBAL ZONE CANNOT BE RENAMED.

Explanation: The ZONERENAME command tried to change the name of the global zone. This is not allowed. The name of the global zone must be *GLOBAL*.

System action: ZONERENAME processing stops.

Programmer response: None. You cannot rename the global zone.

GIM59202S "GLOBAL" IS NOT ALLOWED AS THE NEW NAME FOR A ZONE.

Explanation: The ZONERENAME command tried to change the name of a zone to *GLOBAL*. This is not allowed. Only the global zone may have that name.

System action: ZONERENAME processing stops.

Programmer response: Change the value specified as the new name for the zone and rerun the job.

GIM59203E "GLOBAL" IS NOT ALLOWED AS A ZONESET NAME.

Explanation: *GLOBAL* was specified as a ZONESET name on the command being processed. This is not allowed.

System action: Processing of the UCL statement stops. Processing continues with the next UCL statement.

Programmer response: Specify a valid ZONESET name and rerun the job.

GIM59301S THE TOTYPE(TARGET) OPERAND WAS NOT PROCESSED BECAUSE *zonename* IS ALREADY DEFINED AS A TARGET ZONE IN THE ZONEINDEX SUBENTRY.

Explanation:

zonename

zone name

The TOTYPE(TARGET) operand was specified on the ZONERENAME command to change the zone being renamed from a distribution zone to a target zone. However, the ZONEINDEX subentry for that zone indicates that it is already a target zone.

System action: ZONERENAME processing stops.

Programmer response: Do **one** of the following:

- If the zone you want to rename is a distribution zone, change the ZONEINDEX subentry to show that the zone is a distribution zone.
- If the zone you want to rename is a target zone, remove the TOTYPE(TARGET) operand from the ZONERENAME command.

Then rerun the job.

GIM59302S THE TOTYPE(TARGET) OPERAND WAS NOT PROCESSED BECAUSE *zonename* IS ALREADY DEFINED BY A TARGET ZONE ENTRY.

Explanation:

zonename
zone name

The TOTYPE(TARGET) operand was specified on the ZONERENAME command to change the zone being renamed from a distribution zone to a target zone. However, there is a TARGETZONE entry for that zone, which indicates that it is already a target zone.

System action: ZONERENAME processing stops.

Programmer response: Do **one** of the following:

- If the zone you want to rename is a distribution zone, delete the TARGETZONE entry and create a DLIBZONE entry to show that the zone is a distribution zone.
- If the zone you want to rename is a target zone, remove the TOTYPE(TARGET) operand from the ZONERENAME command.

Then rerun the job.

GIM59401S THE NEWDATASET OPERAND MUST NOT SPECIFY THE DATA SET THAT CURRENTLY CONTAINS THE ZONE TO BE RENAMED.

Explanation: The NEWDATASET operand indicates that a zone was copied into a new data set, and that the copy is to be renamed. However, the value that was specified on the NEWDATASET operand is the same as the data set that currently contains the original zone. This is not allowed.

System action: ZONERENAME processing stops.

Programmer response: Do **one** of the following:

- If you want to rename the original zone in its current data set, delete the NEWDATASET operand from the ZONERENAME command and use the SAMEDATASET operand instead.
- If you want to rename the copy of the zone in the new data set, make sure the new data set name is different from the name of the data set that contains the original zone.

Then rerun the job.

GIM59501I OPTIONS SUBENTRY *subentval* WAS ADDED.

Explanation:

subentval
subentry value

When SMP/E renamed the zone being processed, it added the indicated OPTIONS subentry to the zone definition entry.

System action: None.

Programmer response: None.

GIM59502I THE OPTIONS SUBENTRY WAS CHANGED TO *subentval*.

Explanation:

subentval
new subentry value

When SMP/E renamed the zone being processed, it also changed the OPTIONS subentry in the zone definition entry.

System action: None.

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Programmer response: None.

GIM59503I RELATED SUBENTRY *subentval* WAS ADDED.

Explanation:

subentval
subentry value

When SMP/E renamed the zone being processed, it added the indicated RELATED subentry to the zone definition entry.

System action: None.

Programmer response: None.

GIM59504I THE RELATED SUBENTRY WAS CHANGED TO *subentval*.

Explanation:

subentval
new subentry value

When SMP/E renamed the zone being processed, it also changed the RELATED subentry in the zone definition entry.

System action: None.

Programmer response: None.

GIM59505I A ZONE DEFINITION ENTRY WAS ADDED FOR *zonename*.

Explanation:

zonename
zone name

When SMP/E processed the indicated zone, it found that the zone was not empty but did not contain a zone definition entry. Because the OPTIONS or RELATED operand was specified on the ZONERENAME command, SMP/E added a zone definition entry when it renamed the zone.

System action: None.

Programmer response: None.

GIM59601I ENQ WAS INITIATED FOR EXCLUSIVE USE OF *dataset* FOR *command* PROCESSING.

Explanation:

dataset name of SMPCSI or SMPPTS data set or a package id value
command
SMP/E command

GIMSMP issues this message to SMPLOG. The message indicates that the named SMP/E command is about to try to get the named resource, but that there is a possibility that another SMP/E command may already have the resource.

System action: Processing continues.

Programmer response: None.

GIM59602I ENQ WAS SUCCESSFUL FOR EXCLUSIVE USE OF *dataset* FOR *command* PROCESSING.

Explanation:

dataset name of SMPCSI or SMPPTS data set or a package id value
command
SMP/E command

GIMSMP issues this message to SMPLOG. The message indicates that the named SMP/E command has acquired the named resource.

System action: Processing continues.

Programmer response: None.

GIM59603I ENQ WAS SUCCESSFUL FOR SHARED USE OF *dataset* FOR *command* PROCESSING.

Explanation:

dataset name of the SMPCSI data set or SMPPTS data set

command

SMP/E command

SMP/E writes this message to the SMPLOG data set each time it enqueues an SMPCSI data set.

System action: Processing continues.

Programmer response: None.

GIM59604S ENQ FAILED FOR EXCLUSIVE USE OF *resource* FOR *command* PROCESSING.

Explanation:

resource package id value

command

SMP/E command or service routine name

The indicated SMP/E command or service routine needed the named resource in order to receive the files of a GIMZIP package. Since another SMP/E task was using the resource, the current SMP/E task cannot use it and must therefore stop its processing.

System action: Processing stops.

Programmer response: If the job was not submitted by accident, rerun it when the resource is not being used by another iteration of SMP/E.

GIM59604W ENQ FAILED FOR EXCLUSIVE USE OF *dataset* FOR *command* PROCESSING.

Explanation:

dataset name of the SMPCSI data set or SMPPTS data set

command

SMP/E command

SMP/E writes this message to the SMPLOG data set each time it enqueues an SMPCSI data set.

System action: The current phase of the command being processed stops. Command processing may stop.

Programmer response: Check that the data set is not being used by another user.

GIM59605S ENQ FAILED FOR SHARED USE OF *dataset* FOR *command* PROCESSING.

Explanation:

dataset name of the CSI data set or the SMPPTS data set

command

SMP/E or GIMAPI command

SMP/E writes this message to the SMPLOG for batch command processing or places it in a message buffer for GIMAPI command processing if another user had exclusive use of the data set.

System action: The current phase of the command being processed stops. Command processing may stop.

Programmer response: Check that the data set is not being used by another user.

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GIM59605W ENQ FAILED FOR SHARED USE OF *dataset* FOR *command* PROCESSING.

Explanation:

dataset name of the SMPCSI data set or SMPPTS data set

command

SMP/E command

SMP/E writes this message to the SMPLOG data set if another user had exclusive use of the data set.

System action: The current phase of the command being processed stops. Command processing may stop.

Programmer response: Check that the data set is not being used by another user.

GIM59606I DEQ WAS SUCCESSFUL FOR EXCLUSIVE USE OF *dataset* FOR *command* PROCESSING.

Explanation:

dataset name of SMPCSI or SMPPTS data set or a package id value

command

SMP/E command

GIMSMP issues this message to SMPLOG. The message indicates that the named SMP/E command has freed a previously gotten resource.

System action: Processing continues.

Programmer response: None.

GIM59607I DEQ WAS SUCCESSFUL FOR SHARED USE OF *dataset* FOR *command* PROCESSING.

Explanation:

dataset name of the SMPCSI data set or SMPPTS data set

command

SMP/E command

SMP/E writes this message to the SMPLOG data set each time it dequeues an SMPCSI data set.

System action: Processing continues.

Programmer response: None.

GIM59608I ENQ WAS INITIATED FOR SHARED USE OF *dataset* FOR *command* PROCESSING.

Explanation:

dataset name of the SMPCSI data set or SMPPTS data set

command

SMP/E command

SMP/E writes this message to the SMPLOG data set each time it enqueues an SMPCSI data set.

System action: Processing continues.

Programmer response: None.

GIM59701I THE GLOBAL ZONE WAS UPDATED WITH CHANGES FROM THE *zonename* ZONE.

Explanation:

zonename

zone name

If this message was issued for APPLY, ACCEPT, or RESTORE processing, SMP/E updated the global zone with changes for this command.

If this message was issued for SET processing, then during previous processing for the indicated zone, SMP/E was not able to get access to the global zone in order to make the required updates. As a result, these pending changes

had been saved in the zone. The zone was processed again by the SET command, and this time SMP/E was able to get access to the global zone. These changes have now been added to the global zone.

System action: None.

Programmer response: None.

GIM59801W THE GLOBAL ZONE WAS NOT UPDATED WITH CHANGES FROM THE *zonename* ZONE.

Explanation:

zonename

zone name

At the end of processing for the indicated zone, SMP/E was not able to get access to the global zone in order to make the required updates. As a result, these pending changes have been saved in the zone. The next time the zone is processed, SMP/E will try to add the changes to the global zone.

System action: None.

Programmer response: None is required. However, if you do not want to wait to synchronize the indicated zone with the global zone, do the following now:

1. Specify the indicated zone on the SET command.
2. Run a command (such as LIST) to process that zone.

GIM59801E THE GLOBAL ZONE WAS NOT UPDATED WITH CHANGES FROM THE *zonename* ZONE.

Explanation:

zonename

zone name

At the end of processing for the indicated zone, SMP/E was not able to get access to the global zone in order to make the required updates. As a result, these pending changes have been saved in the zone. The next time the zone is processed, SMP/E will try to add the changes to the global zone.

System action: None.

Programmer response: None is required. However, if you do not want to wait to synchronize the indicated zone with the global zone, do the following now:

1. Specify the indicated zone on the SET command.
2. Run a command (such as LIST) to process that zone.

GIM59801S THE GLOBAL ZONE WAS NOT UPDATED WITH CHANGES FROM THE *zonename* ZONE.

Explanation:

zonename

zone name

At the end of processing for the indicated zone, SMP/E was not able to get access to the global zone in order to make the required updates. As a result, these pending changes have been saved in the zone. The next time the zone is processed, SMP/E will try to add the changes to the global zone.

System action: None.

Programmer response: None is required. However, if you do not want to wait to synchronize the indicated zone with the global zone, do the following now:

1. Specify the indicated zone on the SET command.
2. Run a command (such as LIST) to process that zone.

GIM59801T THE GLOBAL ZONE WAS NOT UPDATED WITH CHANGES FROM THE *zonename* ZONE.

Explanation:

zonename

zone name

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At the end of processing for the indicated zone, SMP/E was not able to get access to the global zone in order to make the required updates. As a result, these pending changes have been saved in the zone. The next time the zone is processed, SMP/E will try to add the changes to the global zone.

System action: None.

Programmer response: None is required. However, if you do not want to wait to synchronize the indicated zone with the global zone, do the following now:

1. Specify the indicated zone on the SET command.
2. Run a command (such as LIST) to process that zone.

GIM599I JOB *jobname* HAS BEEN WAITING *mm* MINUTES FOR DATA SET *dataset*.

Explanation:

jobname job name

mm time the task has been waiting (a multiple of 30 minutes)

dataset name of the SMPCSI data set or the SMPPTS data set

The PROCESS=WAIT parameter was specified on the EXEC statement for SMP/E, which indicates that SMP/E should wait for a required SMPCSI or SMPPTS data set if it is not available.

The job being processed needs the indicated data set, which is currently being used. The job will continue to wait until all the required data sets are available or until you cancel the job.

System action: None.

Programmer response: None, unless you decide to cancel the job.

GIM6001S *command* PROCESSING FAILED BECAUSE AN SMPCSI OR SMPPTS DATA SET WAS NOT AVAILABLE.

Explanation:

command

SMP/E command

The PROCESS=END parameter was specified on the EXEC statement for SMP/E, which indicates that SMP/E should wait 10 minutes for a required data set and fail if the data set is not available after that time is up. One of the following happened:

- The job being processed needs one or more SMPCSI data sets. However, one or more of these data sets has been in use for the past 10 minutes.
- The job being processed needs the SMPPTS data set or an SMPPTS spill data set. However, the data set has been in use for the past 10 minutes.

System action: Command processing stops.

Programmer response: Do **one** of the following:

- Wait until the required data set is available.
- Change PROCESS=END to PROCESS=WAIT.
- Remove the PROCESS=END parameter and allow the default of PROCESS=WAIT to take effect.

Then rerun the job.

GIM6002S GIMXSID PROCESSING FAILED BECAUSE A DATA SET IS NOT AVAILABLE. GIMXSID WAITED *nnnn* MINUTES FOR ALL DATA SETS TO BECOME AVAILABLE.

Explanation:

nnnn number of minutes

GIMXSID processing failed because an SMPCSI data set was in use by another SMP/E task and was not available. The data set is identified in a preceding message. GIMXSID waited for *nnnn* minutes for all the data sets to become available.

System action: Processing stops.

Programmer response: Do one of the following, then rerun the job.

- Increase the number of minutes specified on the WAIT option for GIMXSID. If WAIT is not specified, GIMXSID will wait 60 minutes for all data sets.
- Ensure other SMP/E tasks and jobs are not using the indicated data set.

GIM60101S PURGE IS NOT ALLOWED ON A ZONEEXPORT COMMAND FOR THE GLOBAL ZONE.

Explanation: PURGE was specified on a ZONEEXPORT command for the global zone. The PURGE operand indicates that when the specified zone is exported, SMP/E should delete that zone from its SMPCSI data set. However, PURGE is not allowed for the global zone.

System action: Command processing stops.

Programmer response: Do **one** of the following:

- If you want to export the global zone, remove the PURGE operand from the command and rerun the job.
- If you want to delete the global zone, you must use Access Method Services to delete the SMPCSI data set that contains it.

GIM60201I ZONE *zonename* WAS SUCCESSFULLY WRITTEN TO OUTFILE *dataset*.

Explanation:

zonename

zone name

dataset ddname of the output data set

SMP/E successfully copied the indicated zone to the OUTFILE data set.

You should be aware that after this message is issued, an error may occur when SMP/E is deleting the exported zone. However, this does not affect the data that was copied to the OUTFILE data set. This information can still be processing by the ZONEIMPORT command.

System action: None.

Programmer response: None.

GIM60301S THE ZONE TYPES ARE INCOMPATIBLE. THE RECEIVING ZONE *zonename1* IS A *zonetype1* ZONE AND THE INPUT ZONE *zonename2* IS A *zonetype2* ZONE.

Explanation:

zonename1

first zone name

zonetype1

first zone type

zonename2

second zone name

zonetype2

second zone type

The indicated zone types are not a valid combination. The following combinations are allowed for input zones and receiving zones:

| Input Zone | Receiving Zone |
|--|-------------------|
| Distribution zone | Distribution zone |
| Distribution zone | Target zone |
| Target zone | Target zone |
| Note: | |
| 1. You cannot copy or import a target zone into a distribution zone. | |
| 2. A global zone cannot be an input or receiving zone. | |

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System action: Command processing stops. No data is moved.

Programmer response: Specify a valid combination of zones and rerun the job.

GIM60401S THE SET BOUNDARY ZONE *zonename1* AND THE INTO ZONE *zonename2* HAVE DIFFERENT NAMES.

Explanation:

zonename1

first zone name

zonename2

second zone name

The INTO zone for the command being processed is supposed to be the same as the zone specified on the SET command. However, the names are different.

System action: Command processing stops.

Programmer response: Specify the same zone on the INTO operand and the SET command. Then rerun the job.

GIM60402S THE SET BOUNDARY ZONE *zonename1* AND THE INPUT ZONE *zonename2* HAVE DIFFERENT NAMES.

Explanation:

zonename1

first zone name

zonename2

second zone name

The input zone for the command being processed is supposed to be the same as the zone specified on the SET command. However, the names are different.

System action: Command processing stops.

Programmer response: Specify the same zone on the SET command and the command being processed. Then rerun the job.

GIM60501S THE INTO ZONE *zonename* ALREADY EXISTS IN SMPCSI DATA SET *dataset*.

Explanation:

zonename

zone name

dataset data set name

When SMP/E is importing a zone, the receiving zone (INTO zone) cannot already exist in the SMPCSI data set being processed.

System action: Command processing stops. SMP/E does not move any data.

Programmer response: Do **one** of the following:

- Specify a different receiving zone on the command.
- Delete the indicated receiving zone.

Then rerun the command.

GIM60601S THE GLOBAL ZONE WAS NOT IMPORTED INTO *dataset* BECAUSE THAT DATA SET ALREADY CONTAINS A ZONE.

Explanation:

dataset data set name

When the global zone is being imported, no other zones may be defined in the receiving SMPCSI data set. However, the indicated SMPCSI data set already contains a zone.

System action: Command processing stops. SMP/E does not move any data.

Programmer response: Do **one** of the following:

- Use a different receiving SMPCSI.
- Delete the existing zones.

Then rerun the command.

GIM60701S ZONEIMPORT PROCESSING FOR ZONE *zonename* FROM INFILE *dataset* IS INCOMPLETE.

Explanation:

zonename

zone name

dataset ddname of the INFILE data set

An end-of-file on the INFILE data set occurred before SMP/E read the special terminating data record. This could be due to an I/O error or because ZONEEXPORT stopped before it was complete.

System action: Command processing stops. SMP/E deleted all data that it imported.

Programmer response: Do **one** of the following:

- If a previous error shows that an I/O error on the INFILE data set caused the problem, use a different input device to rerun the job.
- If SMP/E produced an I/O error, check the results of the ZONEEXPORT processing that created the INFILE data set. If the zone was not successfully exported, rerun the ZONEEXPORT command to create a new INFILE data set.
- If you cannot determine the problem, export the original zone to create a new INFILE data set.

Then rerun the ZONEIMPORT command.

GIM60801I THE ZONE TYPE FOR *zonename* WAS CHANGED FROM DLIB TO TARGET.

Explanation:

zonename

zone name

The zone being processed was changed from a DLIB zone to a target zone.

System action: None.

Programmer response: None.

GIM60801W THE ZONE TYPE OF *zonename* WAS CHANGED FROM DLIB TO TARGET.

Explanation:

zonename

zone name

The zone being processed was changed from a DLIB zone to a target zone.

System action: None.

Programmer response: None.

GIM60901W THERE IS NO ZONE DEFINITION ENTRY FOR ZONE *zonename*.

Explanation:

zonename

zone name

During the cross-zone update phase of the APPLY or RESTORE command, SMP/E could not find a zone definition entry for the zone being processed.

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System action: Cross-zone updates are not made for the zone named in the message. Processing continues with the next cross-zone.

Programmer response: Do the following:

1. Make sure the indicated zone is the one you want to process.
2. If necessary, create a zone definition entry for the zone.
3. The Cross-Zone Summary report and the MOVE/RENAME/DELETE report will identify what cross-zone updates need to be done for the zone named in this message. Use a combination of the following to complete the unfinished cross-zone updates identified:
 - The LINK command
 - UCLIN updates
 - The linkage editor (outside of SMP/E)

GIM60901S THERE IS NO ZONE DEFINITION ENTRY FOR ZONE *zonename*.

Explanation:

zonename
zone name

SMP/E could not find a zone definition entry for the zone being processed.

System action: Command processing stops.

Programmer response: Do the following:

1. Make sure the indicated zone is the one you want to process.
2. If necessary, create a zone definition entry for the zone.
3. Rerun the command.

GIM61001S *enttype* IS NOT ALLOWED ON THE ZONEEDIT COMMAND. THE ENTRY TYPE MUST BE DDDEF, UTILITY, OR XZENTRIES.

Explanation:

enttype entry type

The only entry types that may be specified on a ZONEEDIT command are DDDEF, UTILITY, and XZENTRIES. None of these was specified on the command being processed.

System action: Command processing stops.

Programmer response: Do **one** of the following:

- To change DDDEF, UTILITY, or XZENTRIES information, reenter the ZONEEDIT command with the correct entry type.
- To change any other type of entry, use the UCLIN command.

GIM61101S THE *operand* OPERAND IS NOT ALLOWED WHEN ZONEEDIT *enttype* IS REQUESTED.

Explanation:

operand operand name
enttype entry type

The command being processed specified an operand that is not valid for the entry type specified on the ZONEEDIT command.

System action: Command processing stops. No changes were made.

Programmer response: Specify an operand that is allowed for the entry type chosen on the ZONEEDIT command and rerun the job. For more information on the operands that may be specified for a particular entry, see *SMP/E for z/OS Commands*.

GIM61201E *elmname* WAS NOT MOVED BECAUSE SYSMOD *sysmod* CONTAINS MORE THAN ONE ++MOVE MCS TO MOVE *elmname* INTO THE SAME LIBRARY *library*. THIS IS NOT ALLOWED.

Explanation:*elmname*

element name

sysmod SYSMOD ID*library* ddname of the library

The same element cannot be moved from two different libraries into the same library.

System action: SYSMOD processing stops.

Programmer response:

- If there are two copies of the element, keep the ++MOVE MCS for one of them. Then delete the other by doing the following:
 - For an LMOD, use a ++DELETE MCS.
 - For other elements, specify the DELETE operand on the ++MOD, ++MAC, or ++SRC MCS.
- If there is only one copy of the element, remove the extra ++MOVE MCS.

Then rerun the job.

GIM61301S THE NAME OF THE ZONE ON THE ZONEIMPORT COMMAND (*zonename1*) IS DIFFERENT FROM THE NAME OF THE ZONE IN THE INFILE DATA SET (*zonename2*). THE NAMES MUST BE THE SAME.

Explanation:*zonename1*

first zone name

zonename2

second zone name

SMP/E cannot import the indicated zone because there are two different zone names. This may happen if:

- The wrong zone was specified on the ZONEIMPORT command
- The wrong ddname was specified on the INFILE operand

System action: ZONEIMPORT processing stops.

Programmer response: Do **one** of the following:

- Specify the correct zone name on the ZONEIMPORT command.
- Specify the ddname of the INFILE data set that contains the correct zone.

Then rerun the job.

GIM61401S THE INFILE DATA SET IS NOT IN THE FORMAT EXPECTED FOR THE ZONEIMPORT COMMAND.

Explanation: SMP/E cannot process the INFILE data set because it is not in the expected format. For example, it may not have been created by the ZONEEXPORT command, or an error may have occurred while it was being created by the ZONEEXPORT command.

System action: ZONEIMPORT processing stops.

Programmer response: Do **one** of the following:

- If the INFILE operand does not specify the intended data set, specify the correct data set and rerun the job.
 - If the INFILE operand does specify the intended data set, use ZONEEXPORT to recreate the data set. Then rerun the job using the new output from ZONEEXPORT.
-

GIM61501W THE NAME OF THE IMPORTED ZONE WAS CHANGED FROM *zonename1* TO *zonename2*.

Explanation:

zonename1

old zone name

zonename2

new zone name

The INTO operand on the ZONEIMPORT command specifies a different zone name from the zone in the INFILE data set. Therefore, when SMP/E imported the zone, it changed the zone name to the value specified on the INTO operand.

System action: None.

Programmer response: None.

GIM61601S *command* PROCESSING FAILED BECAUSE THE INPUT ZONE AND RECEIVING ZONE HAVE THE SAME NAME (*zonename*).

Explanation:

command

SMP/E command

zonename

zone name

For the specified command, the input zone and receiving (INTO) zone must have different names. However, the same name was specified for both the input zone and the receiving zone.

System action: Command processing stops.

Programmer response: Specify a different zone name on the INTO operand and rerun the command.

GIM61701E *elmttype elmname* WAS NOT MOVED BY SYSMOD *sysmod* BECAUSE IT DOES NOT EXIST IN THE SPECIFIED *library* LIBRARY.

Explanation:

elmttype element type

elmname

element name

sysmod SYSMOD ID

library ddname of the library

There was an entry for the indicated element in the target or distribution zone, but the element does not exist in the specified library. It may have been moved, renamed, or deleted outside of SMP/E, or its entry may have been created using UCLIN or JCLIN. Note that if an element name is greater than 300 characters, only the first 300 characters are placed in the message.

System action: SYSMOD processing stops.

Programmer response: First determine why the element does not exist in the library.

- If it was moved, deleted, or renamed outside of SMP/E, reconstruct it in the specified library.
- If the entry was created using UCLIN or JCLIN, decide whether to create the member in the library or to delete the entry from the zone.

Then rerun the job.

GIM61702W *enttype entname* WAS NOT RENAMED BY SYSMOD *sysmod* BECAUSE *entname* DOES NOT EXIST IN THE SPECIFIED *library* LIBRARY.

Explanation:

enttype entry type

entname

entry name

sysmod SYSMOD ID
library ddname of the library

There was an entry for the indicated member in the target zone, but the member does not exist in the specified library. It may have been moved, renamed, or deleted outside of SMP/E, or its entry may have been created using UCLIN or JCLIN.

If the message identifies an LMOD and indicates SMPLTS as the library, the LMOD entry has CALLLIBS subentries, and the LMOD should exist in the SMPLTS data set. It may have been moved, renamed, or deleted from the SMPLTS library outside of SMP/E, or its CALLLIBS subentries may have been created using UCLIN or JCLIN.

If the message identifies a side deck, the LMOD entry for the same-named load module has a SIDE DECK LIBRARY subentry, and the side deck should exist in the specified library. It may have been moved, renamed, or deleted from the library outside of SMP/E, or its side deck library subentry may have been created using UCLIN or JCLIN.

System action: SYSMOD processing continues, but SMP/E cannot rename the identified member.

Programmer response:

- If an LMOD does not exist in the SMPLTS library, determine if the CALLLIBS subentries in the LMOD entry are valid.
 - If they **are not** valid, use UCLIN to delete them.
 - If they **are** valid, SMP/E attempts to reconstruct the SMPLTS version of the LMOD the next time the LMOD is serviced.
- If a definition side deck member does not exist in the specified library, determine if the side deck library subentry in the LMOD entry is valid.
 - If it **is not** valid, use UCLIN to delete it.
 - If it **is** valid, the binder will reconstruct the definition side deck the next time the LMOD is link-edited by SMP/E.

GIM61702E LMOD *elmname* WAS NOT RENAMED BY SYSMOD *sysmod* BECAUSE *elmname* DOES NOT EXIST IN THE SPECIFIED *library* LIBRARY.

Explanation:

elmname element name
sysmod SYSMOD ID
library ddname of the library

There was an entry for the indicated LMOD in the target zone, but the LMOD does not exist in the specified library. It may have been moved, renamed, or deleted outside of SMP/E, or its entry may have been created using UCLIN or JCLIN.

System action: SYSMOD processing stops.

Programmer response: Determine why the LMOD is missing from its target library:

- If it was moved, deleted, or renamed outside of SMP/E, reconstruct it in the specified library.
- If the entry was created using UCLIN or JCLIN, decide whether to create the member in the library or to delete the entry from the zone.

Then rerun the job.

GIM61703W *enttype entname* WAS NOT DELETED BY SYSMOD *sysmod* BECAUSE *elmname* DOES NOT EXIST IN THE SPECIFIED *library* LIBRARY.

Explanation:

enttype ALIAS or LMOD
entname entry name
sysmod SYSMOD ID
library ddname of the library

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There was an entry for the indicated alias or LMOD in the target or distribution zone, but the alias or LMOD does not exist in the specified library. It may have been moved, renamed, or deleted outside of SMP/E, or its entry may have been created using UCLIN or JCLIN.

System action: SYSMOD processing stops.

Programmer response: First determine why the element does not exist in the library.

- If it was moved, deleted, or renamed outside of SMP/E, reconstruct it in the specified library.
- If the entry was created using UCLIN or JCLIN, decide whether to create the member in the library or to delete the entry from the zone.

Then rerun the job.

GIM61704E *elmname* WAS NOT MOVED BY SYSMOD *sysmod* BECAUSE *elmname* DOES NOT EXIST IN THE SPECIFIED *library* LIBRARY.

Explanation:

elmname

element name

sysmod SYSMOD ID

library ddname of the library

The indicated element does not exist in the specified library. (Because of an internal SMP/E error, SMP/E could not determine the element type.) It may have been moved, renamed, or deleted outside of SMP/E, or its entry may have been created using UCLIN or JCLIN.

System action: SYSMOD processing stops.

Programmer response: First determine why the element does not exist in the library.

- If it was moved, deleted, or renamed outside of SMP/E, reconstruct it in the specified library.
- If the entry was created using UCLIN or JCLIN, decide whether to create the member in the library or to delete the entry from the zone.

Then rerun the job.

GIM61705E ALIAS *alias* WAS NOT DELETED BY SYSMOD *sysmod* BECAUSE THE ALIAS IS GREATER THAN EIGHT CHARACTERS IN LENGTH AND RESIDES IN LIBRARY *library*, WHICH IS A PDSE.

Explanation:

alias alias name

sysmod SYSMOD that contains the ++DELETE MCS

library ddname of the library

++DELETE processing failed for the indicated alias. Note that if the alias name is greater than 300 characters, only the first 300 characters are placed in the message.

System action: SYSMOD processing stops for the indicated SYSMOD.

Programmer response: A ++DELETE MCS cannot be used to delete an alias that is greater than eight characters in length from a PDSE. In order to delete the alias, the SYSMOD must be built in the following manner:

- Supply JCLIN that defines the load module whose alias needs to be deleted. The JCLIN must not specify an ALIAS control statement for the alias to be deleted.
- Supply a ++MOD for a module that is included in the load module.

This SYSMOD causes SMP/E to link-edit the load module, which results in the long name alias being deleted, because it was not specified on an ALIAS control statement.

GIM61706E LMOD *loadmod* WAS NOT MOVED FROM *library1* TO *library2* FOR SYSMOD *sysmod* BECAUSE ITS LINK-EDIT CONTROL STATEMENTS INDICATE THAT IT HAS ASSOCIATED SYMBOLIC LINKS.

Explanation:

loadmod load module name
library1 from library name
library2 to library name
sysmod SYSMOD ID

The indicated load module resides in a UNIX file system and cannot be moved because it has symbolic links. The symbolic links may become invalid if the load module is moved.

System action: SYSMOD processing stops.

Programmer response: If you are trying to install an IBM-supplied SYSMOD, call IBM for guidance in resolving the problem.

If you are installing a ++USERMOD, do one of the following:

- Use ++DELETE to entirely delete the load module and then redefine it with JCLIN and rebuild it by supplying at least one of its modules (more may be needed if SMP/E cannot find all the needed modules).
- Move the load module outside of SMP/E processing and properly resolve its symbolic links for its new location. Use UCLIN to correct the LMOD entry in the CSI so that its SYSLIB and symbolic link information is correct.

GIM61707E LMOD *loadmod* WAS NOT RENAMED FOR SYSMOD *sysmod* BECAUSE ITS LINK-EDIT CONTROL STATEMENTS INDICATE THAT IT HAS ASSOCIATED SYMBOLIC LINKS.

Explanation:

loadmod load module name
sysmod SYSMOD ID

The indicated load module resides in a UNIX file system and cannot be renamed because it has symbolic links. The symbolic links may become invalid if the load module is renamed.

System action: SYSMOD processing stops.

Programmer response: If you are trying to install an IBM supplied SYSMOD, call IBM for guidance in resolving the problem.

If you are installing a ++USERMOD, do one of the following:

- Use ++DELETE to entirely delete the load module and then redefine it with its new name with updated JCLIN and rebuild it by supplying at least one of its modules (more may be needed if SMP/E cannot find all the needed modules).
- Rename the load module outside of SMP/E processing and properly resolve its symbolic links for its new name. Use UCLIN to delete the old LMOD entry and to create a new LMOD entry that has the correct name and symbolic link information.

GIM61801E THE ++MOVE MCS FOR *member* IN SYSMOD *sysmod* SPECIFIES THE SAME LIBRARY (*library*) FOR BOTH *libtypes*. THIS IS NOT ALLOWED.

Explanation:

member member name
sysmod SYSMOD ID
library ddname of the library
libtypes "DISTLIB AND TODISTLIB" or "SYSLIB AND TOSYSLIB"

SMP/E cannot move a member from one library to that same library.

System action: SYSMOD processing stops.

Programmer response: Do **one** of the following:

- If the member is supposed to be moved, specify different ddnames for the current and new libraries.
- If the member is not supposed to be moved, delete the ++MOVE MCS.

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Then rerun the job.

GIM61901I *elmttype elmname* **WAS NOT MOVED BY SYSMOD** *sysmod* **BECAUSE** *elmname* **IS NOT IN THE** *zonename* **ZONE.**

Explanation:

elmttype element type
elmname element name
sysmod SYSMOD ID
zonename zone name

SMP/E did not find an entry for the element in the indicated zone, so no processing was done.

System action: Processing continues.

Programmer response: No action is needed.

GIM61901W *elmttype elmname* **WAS NOT MOVED BY SYSMOD** *sysmod* **BECAUSE** *elmname* **IS NOT IN THE** *zonename* **ZONE.**

Explanation:

elmttype element type
elmname element name
sysmod SYSMOD ID
zonename zone name

SMP/E did not find an entry for the element in the indicated zone, so no processing was done.

System action: Processing continues.

Programmer response: No action is needed.

GIM61902W *elmttype elmname* **WAS NOT RENAMED BY SYSMOD** *sysmod* **BECAUSE** *elmname* **IS NOT IN THE** *zonename* **ZONE.**

Explanation:

elmttype element type
elmname element name
sysmod SYSMOD ID
zonename zone name

SMP/E did not find an entry for the element in the indicated zone, so no processing was done.

System action: The system action depends on the processing being done:

- If you are restoring an entry for a renamed LMOD, processing stops.
- Otherwise, processing continues.

Programmer response: If processing stops, add the missing entry and rerun the job. Otherwise, no action is needed.

GIM61903W *elmttype elmname* **WAS NOT DELETED BY SYSMOD** *sysmod* **BECAUSE IT IS NOT IN THE** *zonename* **ZONE.**

Explanation:

elmttype element type
elmname element name
sysmod SYSMOD ID

zonename
zone name

SMP/E did not find an entry for the element in the indicated zone, so there was nothing to delete. Note that if the element name is greater than 300 characters, only the first 300 characters are placed in the message.

System action: Processing continues.

Programmer response: None.

GIM61904I *elmname* WAS NOT MOVED BY SYSMOD *sysmod* BECAUSE *elmname* IS NOT IN THE *zonename* ZONE.

Explanation:

elmname
element name
sysmod SYSMOD ID
zonename
zone name

SMP/E did not find an entry for the element in the indicated zone, so no processing was done. (Because of an internal SMP/E error, SMP/E could not determine the element type.)

System action: Processing continues.

Programmer response: No action is needed.

GIM61904W *elmname* WAS NOT MOVED BY SYSMOD *sysmod* BECAUSE *elmname* IS NOT IN THE *zonename* ZONE.

Explanation:

elmname
element name
sysmod SYSMOD ID
zonename
zone name

SMP/E did not find an entry for the element in the indicated zone, so no processing was done. (Because of an internal SMP/E error, SMP/E could not determine the element type.)

System action: Processing continues.

Programmer response: If you want to move the missing entry, add it to the zone and rerun the job. Otherwise, no action is needed.

GIM61904E *elmname* WAS NOT MOVED BY SYSMOD *sysmod* BECAUSE *elmname* IS NOT IN THE *zonename* ZONE.

Explanation:

elmname
element name
sysmod SYSMOD ID
zonename
zone name

During ACCEPT processing for an element with DISTLIB changes, SMP/E did not find an entry for the element in the indicated zone, so no processing was done. (Because of an internal SMP/E error, SMP/E could not determine the element type.)

System action: SYSMOD processing stops.

Programmer response: Add the missing entry and rerun the job.

GIM61905W *elmname* WAS NOT RENAMED BY SYSMOD *sysmod* BECAUSE *elmname* IS NOT IN THE *zonename* ZONE.

Explanation:

elmname
element name
sysmod SYSMOD ID
zonename
zone name

SMP/E did not find an entry for the element in the indicated zone, so no processing was done. (Because of an internal SMP/E error, SMP/E could not determine the element type.)

System action: The system action depends on the processing being done:

- If you are restoring an entry for a renamed LMOD, processing stops.
- Otherwise, processing continues.

Programmer response: If processing stops, add the missing entry and rerun the job. Otherwise, no action is needed.

GIM61906W *elmname* WAS NOT DELETED BY SYSMOD *sysmod* BECAUSE *elmname* IS NOT IN THE *zonename* ZONE.

Explanation:

elmname
element name
sysmod SYSMOD ID
zonename
zone name

SMP/E did not find an entry for the element in the indicated zone, so there was nothing to delete. (Because of an internal SMP/E error, SMP/E could not determine the element type.)

System action: Processing continues.

Programmer response: None.

GIM62001I *elmtypelmname* WAS MOVED BY SYSMOD *sysmod* FROM *librtypelibrary1* TO *library2*.

Explanation:

elmtypelmname element type
elmname
element name
sysmod SYSMOD ID
librtypelibrary1 DISTLIB or SYSLIB
library1 ddname of the old library
library2 ddname of the new library

The element was successfully moved from the old library to the new one. Note that if the element name is greater than 300 characters, only the first 300 characters are placed in the message.

System action: None.

Programmer response: None.

GIM62002I *elmname* WAS MOVED BY SYSMOD *sysmod* FROM *librtypelibrary1* TO *library2*.

Explanation:

elmname
element name
sysmod SYSMOD ID
librtypelibrary1 DISTLIB or SYSLIB
library1 ddname of the old library
library2 ddname of the new library

The element was successfully moved from the old library to the new one. (Because of an internal SMP/E error, SMP/E could not determine the element type.)

System action: None.

Programmer response: None.

GIM62101E THE *operand1* OPERAND IS REQUIRED BECAUSE THE *operand2* OPERAND WAS SPECIFIED ON THE ++MOVE MCS IN SYSMOD *sysmod*.

Explanation:

operand1 missing operand
operand2 specified operand
sysmod SYSMOD ID

The indicated operand, *operand1*, is required because the second operand, *operand2*, was specified. However, *operand1* was missing from the ++MOVE MCS.

System action: SYSMOD processing stops.

Programmer response: Add the missing operand to the ++MOVE MCS, then rerun the job.

GIM62102E THE *operand1* OPERAND IS NOT ALLOWED BECAUSE THE *operand2* OPERAND WAS SPECIFIED ON THE ++MOVE MCS IN SYSMOD *sysmod*.

Explanation:

operand1 first operand
operand2 second operand
sysmod SYSMOD ID

The indicated operands are mutually exclusive. However, they were specified on the same ++MOVE MCS.

System action: SYSMOD processing stops.

Programmer response: Specify the correct operands on the ++MOVE MCS, then rerun the job.

GIM62201E THE ++*mcstype* MCS IS OUT OF SEQUENCE.

Explanation:

mcstype MCS type.

The indicated MCS is out of order in the SMPPTFIN data set.

System action: SYSMOD processing stops.

Programmer response: See *SMP/E for z/OS Reference* or *z/OS Packaging Rules* to determine the correct order for the MCS statements. Make any necessary changes, then rerun the job.

GIM62300S *program* PROCESSING FAILED BECAUSE A *stmt* CONTROL STATEMENT FOR *data set* HAS ALREADY BEEN FOUND. ONLY ONE *stmt* CONTROL STATEMENT IS ALLOWED FOR EACH DATA SET.

Explanation:

program SMP/E routine name
stmt control statement type
data set data set name

SMP/E processing failed because the indicated data set was specified on multiple control statements.

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System action: Processing stops.

Programmer response: Remove or correct the duplicate control statement and rerun the job.

GIM62401E A MEMBER TYPE OPERAND IS REQUIRED ON THE ++*mcstype* MCS FOR *elmname* IN SYSMOD *sysmod*.

Explanation:

mcstype MCS type

elmname

element name

sysmod SYSMOD ID

The indicated MCS did not specify the type of member to be moved.

System action: SYSMOD processing stops. The SYSMOD is not received.

Programmer response: Add the required operand and rerun the job.

GIM62402E A LIBRARY TYPE OPERAND IS REQUIRED ON THE ++*mcstype* MCS FOR *elmname* IN SYSMOD *sysmod*.

Explanation:

mcstype MCS type

elmname

element name

sysmod SYSMOD ID

The indicated MCS did not specify the libraries to be processed.

System action: SYSMOD processing stops. The SYSMOD is not received.

Programmer response: Add the required operand and rerun the job.

GIM62403E A *operand* OPERAND IS REQUIRED ON THE ++*mcstype* MCS FOR *elmname* IN SYSMOD *sysmod*.

Explanation:

operand operand

mcstype MCS type

elmname

element name

sysmod SYSMOD ID

The indicated MCS statement did not specify a required value:

- A ++DELETE MCS must specify the library from which the load module should be deleted.
- A ++RENAME MCS must specify the new name of the load module.

System action: SYSMOD processing stops. The SYSMOD is not received.

Programmer response: Add the required operand and rerun the job.

GIM62404E THE *operand1* OPERAND IS REQUIRED BECAUSE THE *operand2* OPERAND WAS SPECIFIED ON THE ++*mcstype* MCS IN SYSMOD *sysmod*.

Explanation:

operand1

required operand

operand2

specified operand

mcstype MCS type

sysmod SYSMOD ID

The indicated MCS statement specified the RFDSNPFX operand. This operand is valid only for SYSMODs packaged in RELFILE format. However, the MCS did not specify the FILES operand, which is how you indicate to SMP/E that a SYSMOD is packaged in RELFILE format.

System action: SYSMOD processing stops. The SYSMOD is not received.

Programmer response: Add the required operand and rerun the job.

GIM62405E THE *operand1* OPERAND IS REQUIRED BECAUSE THE *operand2* OPERAND WAS SPECIFIED ON THE ++*mcstype* MCS FOR *elmname* IN SYSMOD *sysmod*.

Explanation:

operand1

required operand

operand2

specified operand

mcstype MCS type

elmname

element name

sysmod SYSMOD ID

The indicated MCS for the indicated element specified the *operand2* operand. When the *operand2* operand is specified on this MCS, the *operand1* operand must also be specified. For instance, if the SYMLINK operand is specified on any hierarchical file system element MCS, then the SYMPATH operand must also be specified (the reverse of this is also true).

System action: SYSMOD processing stops.

Programmer response: Add the required operand and rerun the job.

GIM62501T *value* IS NOT A DEFINED DUMP POINT.

Explanation:

value dump ID or VPLFUNCT value

The dump ID or VPLFUNCT value specified on the DEBUG command is not a defined dump point.

System action: Command processing stops.

Programmer response: Specify a valid dump ID or VPLFUNCT value on the DEBUG command and rerun the job.

GIM62502T MESSAGE ID *msgid* IS NOT AN SMP/E MESSAGE.

Explanation:

msgid message ID

The message ID specified on the DEBUG command is not an SMP/E message. For example, it did not start with GIM.

System action: Command processing stops.

Programmer response: Specify a valid message ID on the DEBUG command and rerun the job.

GIM62601E CURRENT DATA SET NAME *dataset1* WAS NOT CHANGED BECAUSE THE NEW NAME *dataset2* EXCEEDS THE 44-CHARACTER MAXIMUM.

Explanation:

dataset1 current data set name

dataset2 new data set name

A data set name can have up to 44 characters, including periods and the user ID, if it is appended to the beginning. The new name would have been too long, so the data set name was not changed.

System action: Command processing stops.

Programmer response: Specify a new data set name that is less than or equal to 44 characters and rerun the job.

GIM62602S THE DATA SET NAME DERIVED BY REPLACING THE HIGH-LEVEL QUALIFIER OF FILE *filename* WITH THE PREFIX VALUE OF *prefix* CREATES A NAME WHICH EXCEEDS THE 44-CHARACTER MAXIMUM.

Explanation:

filename file name value found in file attribute file of archived file
prefix prefix value specified in an archive definition group

A data set name can have up to 44 characters, including periods. The data set name derived by replacing the high-level qualifier of the file name value with the prefix value given causes the data set name to be too long.

System action: GIMUNZIP processing stops.

Programmer response: Use a shorter prefix value (or no prefix value at all) to extract the archived file.

GIM62701W THE ++*mcstype* MCS FOR *enttype* ENTRY *entname* IN SYSMOD *sysmod* WAS NOT PROCESSED BECAUSE THE *operand* VALUE DOES NOT MATCH THE EXISTING *operand* VALUE.

Explanation:

mcstype MCS type
enttype entry type
entname entry name
sysmod SYSMOD ID
operand operand

SMP/E detected a value specified on the indicated MCS that did not match the value currently in the indicated entry. Note that if the entry name is greater than 300 characters, then only the first 300 characters are placed in the message.

System action: SYSMOD processing continues. However, when processing a ++DELETE MCS, the load module will not be deleted from any of its system libraries.

Programmer response: No action is required.

GIM62701E THE ++*mcstype* MCS FOR *enttype* ENTRY *entname* IN SYSMOD *sysmod* WAS NOT PROCESSED BECAUSE THE *operand* VALUE DOES NOT MATCH THE EXISTING *operand* VALUE.

Explanation:

mcstype MCS type
enttype entry type
entname entry name
sysmod SYSMOD ID
operand operand

SMP/E detected a value specified on the indicated MCS that did not match the value currently in the indicated entry.

System action: SYSMOD processing stops.

Programmer response: Specify the correct value on the MCS and rerun the job.

GIM62702W THE ++*mcstype* MCS FOR ENTRY *entname* IN SYSMOD *sysmod* WAS NOT PROCESSED BECAUSE THE *operand* VALUE DOES NOT MATCH THE EXISTING *operand* VALUE.

Explanation:

mcstype MCS type
entname entry name
sysmod SYSMOD ID
operand operand

SMP/E detected a value specified on the indicated MCS that did not match the value currently in the indicated entry. (Because of an internal SMP/E error, SMP/E could not determine the entry type.)

System action: SYSMOD processing continues. However, when a ++DELETE MCS is being processed, the load module will not be deleted from any of its system libraries.

Programmer response: No action is required.

GIM62702E THE ++*mcstype* MCS FOR ENTRY *entname* IN SYSMOD *sysmod* WAS NOT PROCESSED BECAUSE THE *operand* VALUE DOES NOT MATCH THE EXISTING *operand* VALUE.

Explanation:

mcstype MCS type

entname

entry name

sysmod SYSMOD ID

operand operand

SMP/E detected a value specified on the indicated MCS that did not match the value currently in the indicated entry. (Because of an internal SMP/E error, SMP/E could not determine the entry type.)

System action: SYSMOD processing stops.

Programmer response: Specify the correct value on the MCS and rerun the job.

GIM62801I SMP/E WILL NOT USE STORAGE ABOVE 16MB BECAUSE SMP/E WAS LINK-EDITED WITH A LINKAGE EDITOR THAT DOES NOT RECOGNIZE AMODE.

Explanation: SMP/E will not use storage above the 16-megabyte virtual line because the SMP/E load module (GIMSMP) was not link-edited using a linkage editor that supports the AMODE parameter.

System action: SMP/E continues processing, using storage below 16 megabytes.

Programmer response: To allow SMP/E to use storage above the 16 megabyte line, the SMP/E load module (GIMSMP) must be link-edited using a linkage editor that supports the AMODE parameter, such as an IBM DFP linkage editor.

GIM62901I LMOD *loadmod1* WAS RENAMED TO *loadmod2* IN THE *library* LIBRARY BY SYSMOD *sysmod*.

Explanation:

loadmod1

old LMOD name

loadmod2

new LMOD name

library ddname of the library

sysmod SYSMOD ID

The LMOD was successfully renamed.

System action: None.

Programmer response: None.

GIM63100S ARCHIVE *archive* COULD NOT BE EXTRACTED INTO EXISTING DATA SET *dataset* BECAUSE THE DATA SET ORGANIZATION OF THE DATA SET IS *dsorg1* AND DOES NOT MATCH THE *dsorg2* ORGANIZATION OF THE ORIGINAL DATA IN THE ARCHIVE.

Explanation:

archive pathname or archid of the archive. If this name exceeds 300 characters in length, only the first 300 characters will appear in this message.

dataset destination data set name

dsorg1 destination data set organization

dsorg2 original data set organization

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The extract failed because the data set organizations do not match.

System action: Processing stops.

Programmer response: Specify a different destination data set and rerun the job.

GIM63101S ARCHIVE *archive* COULD NOT BE EXTRACTED INTO EXISTING DATA SET *dataset* BECAUSE THE DATA SET IS NOT A *clustertype* VSAM CLUSTER.

Explanation:

archive pathname or archid of the archive. If this name exceeds 300 characters in length, only the first 300 characters will appear in this message.

dataset destination data set name

clustertype

ESDS, KSDS, LDS, or RRDS

The extract failed because the archived data set and the destination data set are not compatible. The destination must be a VSAM cluster of the indicated type and it is not.

System action: Processing stops.

Programmer response: Specify a different destination data set and rerun the job.

GIM63201I *enttype entname* WAS DELETED FROM THE *library* LIBRARY BY SYSMOD *sysmod*.

Explanation:

enttype ALIAS or LMOD

entname

entry name

library ddname of the library

sysmod SYSMOD ID

The alias or LMOD was successfully deleted. Note that if the alias name is greater than 300 characters in length, only the first 300 characters are placed in the message.

System action: None.

Programmer response: None.

GIM63301E SYSMOD *sysmod* WAS NOT RESTORED BECAUSE IT CONTAINS A ++DELETE MCS.

Explanation:

sysmod SYSMOD ID

When the indicated SYSMOD was installed, SMP/E deleted one or more load modules. Because load modules cannot be rebuilt, they cannot be restored.

System action: RESTORE processing stops.

Programmer response: None.

GIM63401S ZONESET *zoneset* IS NOT DEFINED IN THE GLOBAL ZONE.

Explanation:

zoneset ZONESET name

The indicated ZONESET is not defined in the global zone.

System action: Command processing stops.

Programmer response: Make sure the ZONESET name you specified is correct. If the ZONESET name is incorrect, enter a different ZONESET name or fix the spelling. If the ZONESET name is correct, use the UCLIN command or the Administration Dialogs to define the ZONESET entry in the global zone.

GIM63501S THE ZONE WAS NOT COPIED BECAUSE THE INPUT SMPCSI AND THE RECEIVING SMPCSI ARE THE SAME.

Explanation: The zone was not copied because the input and receiving zones must be in different SMPCSI data sets.

System action: ZONECOPY processing stops.

Programmer response: Do **one** of the following:

- Define the receiving zone in another SMPCSI, then rerun the ZONECOPY command.
- Use ZONEMERGE or ZONEEXPORT and ZONEIMPORT to copy the zone in the same SMPCSI.

GIM63600S *name* COULD NOT BE EXTRACTED FROM ARCHIVE *archive* BECAUSE IT ALREADY EXISTS AND *replace="YES"* WAS NOT SPECIFIED.

Explanation:

name destination data set or file. If this name exceeds 200 characters in length, only the first 200 characters will appear in this message.

archive pathname or archid of the archive. If this name exceeds 200 characters in length, only the first 200 characters will appear in this message.

The archive could not be extracted into the specified destination data set or file because the data set or file already exists and *replace="YES"* was not specified.

System action: Processing stops.

Programmer response: Specify a data set or file that does not exist or specify *replace="YES"* to replace it during the extract.

GIM63700I THE ORIGINAL DATA SET IN ARCHIVE *archive* HAS THE FOLLOWING ATTRIBUTES: *LRECL=lrecl, RECFM=recfm, BLKSIZE=blksize*.

Explanation:

archive pathname or archid of the archive. If this name exceeds 300 characters in length, only the first 300 characters will appear in this message.

lrecl data set's record length

recfm data set's record format

blksize data set's block size.

An error occurred during processing of the specified archive file. Previous messages describe the specific error.

This message displays the attributes of the data set saved in the specified archive file.

System action: Previous messages indicate system action.

Programmer response: None.

GIM63800W ATTRIBUTE *attribute* WAS SPECIFIED ON ONE OR MORE *tagname* TAGS FOR *routine*. THIS ATTRIBUTE IS SUPPORTED ONLY BY SMP/E VERSION 3 RELEASE 3 OR HIGHER.

Explanation:

attribute name of the attribute found in the file or archive definition tag

tagname <FILEDEF> or <ARCHDEF>

routine GIMZIP or GIMUNZIP

The specified attribute is supported only by SMP/E Version 3 Release 3 or higher.

System action: The attribute will be ignored and processing continues.

Programmer response: If it is important that the attribute not be ignored, rerun the job using SMP/E Version 3 Release 3 or higher.

GIM63800S ATTRIBUTE *attribute* WAS SPECIFIED ON ONE OR MORE *tagname* TAGS FOR *routine*. THIS ATTRIBUTE IS SUPPORTED ONLY BY SMP/E VERSION 3 RELEASE 3 OR HIGHER.

Explanation:

attribute name of attribute
tagname tag name
routine routine used

The specified attribute is supported only by SMP/E Version 3 Release 3 or higher.

System action: Processing stops.

Programmer response: Rerun the job using SMP/E Version 3 Release 3 or higher; or remove all instances of the specified attribute from the input for routine.

GIM63801S AN ATTEMPT WAS MADE TO PROCESS A VSAM DATA SET, OR A FILE OR DIRECTORY USING *routine*. THESE ARE SUPPORTED ONLY BY SMP/E VERSION 3 RELEASE 3 OR HIGHER.

Explanation:

routine GIMZIP or GIMUNZIP

The specified routine attempted to process a VSAM data set, or a file or directory in a UNIX file system. This type of data is supported only in SMP/E Version 3 Release 3 or higher.

System action: Processing stops.

Programmer response: Rerun the job using SMP/E Version 3 Release 3.

GIM63802I ARCHIVE NAMES UP TO 756 CHARACTERS IN LENGTH ARE SUPPORTED ONLY BY SMP/E VERSION 3 RELEASE 3 OR HIGHER.

Explanation: GIMUNZIP attempted to process an archive file whose name exceeds the allowable length of 557 characters. SMP/E Version 3 Release 3 or higher supports archive names up to 756 characters in length.

System action: Processing stops.

Programmer response: If the archive name is not more than 756 characters, rerun the job using the indicated level of SMP/E.

GIM63901S THE *operand* OPERAND IS REQUIRED ON THE *command* COMMAND.

Explanation:

operand operand
command SMP/E command

The indicated command could not be processed because a required operand was missing.

System action: Command processing stops.

Programmer response: Add the missing operand and rerun the job.

GIM64001E JOBCARD MEMBER *memname* IS NOT IN THE *library* LIBRARY. A JCL COMMENT WILL BE GENERATED EACH TIME A JOB CARD IS REQUIRED.

Explanation:

memname member name
library ddname of the library

The JOBCARD operand was specified on the GENERATE command to indicate the library that contains the job card to be used for the GENERATE output. SMP/E checked the library for the specified member (or a member called JOBCARD, if no member name was specified), but no member was found. As a result, a comment will be inserted in the GENERATE output each time a job card is required.

System action: GENERATE processing continues.

Programmer response: Do **one** of the following:

- Add a job card member to the indicated data set and rerun the GENERATE command.
- Edit the GENERATE output to find the JCL comments inserted by SMP/E. (The format of the JCL comment is described under the GENERATE command in *SMP/E for z/OS Commands*.) Replace the JCL comment with a valid job card.

GIM64101E NO ASSEMBLER STEP WAS GENERATED FOR MOD *modname* BECAUSE THERE IS NO ASSOCIATED ASSEM OR SRC ENTRY.

Explanation:

modname
module name

SMP/E found a MOD entry with a DISTLIB of SYSPUNCH, showing that the module is not in any distribution library. Instead, the module is in source format, which SMP/E must assemble each time it processes the module.

SMP/E normally gets the source text from one of the following:

- A target zone ASSEM entry with the same name as the MOD entry
- A target zone SRC entry with the same name as the MOD entry

For the indicated module, SMP/E could not find an ASSEM or SRC entry. Therefore, SMP/E could not generate the assembler step for the module.

System action: GENERATE processing continues.

Programmer response: Do **one** of the following:

- If the MOD entry is no longer required, delete it.
- If the MOD entry is still required, run the appropriate JCLIN to add an ASSEM entry or SRC entry to the target zone. Then rerun GENERATE.

GIM64201E MOD *modname* WAS NOT INCLUDED IN THE LINK-EDIT STEP FOR LMOD *loadmod* BECAUSE *modname* CANNOT BE ASSEMBLED.

Explanation:

modname
module name
loadmod load module name

SMP/E could not assemble the indicated module, as shown in message GIM64101E. As a result, there is no object deck to link-edit into the indicated load module.

System action: SMP/E will generate a link-edit step for the load module without the module.

Programmer response: See message GIM64101E to find out why the module was not assembled and do **one** of the following:

- Correct the problem and rerun the GENERATE command.
- Add an assembly step to the GENERATE output and link-edit the INCLUDE card in the load module link step.

GIM64301W A JOB STEP WAS GENERATED TO COPY *elmtyp* *elmname* FROM *distlib* TO *targlib*. *elmtyp* ENTRY *elmname* HAS NO FMID AND THEREFORE MIGHT NOT HAVE BEEN INSTALLED. AN ERROR WILL OCCUR IF *elmname* IS NOT IN *distlib*.

Explanation:

elmtyp element type
elmname
element name

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distlib ddname of the distribution library
targlib ddname of the target library

SMP/E assumes that every element in the target zone was part of a function that SMP/E installed in the target zone. Each element entry identifies the function (FMID) for which it was installed.

In this case, the indicated element entry does not have an FMID subentry. Therefore, SMP/E is not sure whether the element was ever really installed.

System action: SMP/E generates a copy step for the indicated element. However, you may get an error when you run the GENERATE output if the element is not in the distribution library.

Programmer response: Do **one** of the following:

- If the element is still required, add the appropriate FMID to the element entry.
- If the element is no longer required, delete the element entry.

GIM64401W A JOB STEP WAS GENERATED TO COPY MOD *elmname* TO LMOD *loadmod* IN LIBRARY *library*. MOD ENTRY *elmname* HAS NO FMID AND THEREFORE MIGHT NOT HAVE BEEN INSTALLED. AN ERROR WILL OCCUR IF MOD *elmname* IS NOT IN THE DISTRIBUTION LIBRARY.

Explanation:

elmname element name
loadmod load module name
library ddname of the library where the load module resides

SMP/E assumes that every element in the target zone was part of a function that SMP/E installed in the target zone. Each element entry identifies the function (FMID) for which it was installed.

In this case, the indicated element entry does not have an FMID subentry. Therefore, SMP/E is not sure whether the element was ever really installed.

System action: SMP/E generates a copy step for the indicated element. However, you may get an error when you run the GENERATE output if the element is not in the distribution library.

Programmer response: Do **one** of the following:

- If the function that owns the module is installed in the target zone being processed, add the appropriate FMID to the element entry. Enter **LIST MOD XREF** to find out which SYSMODs affect the module. Then enter **LIST SYSMOD** for these SYSMODs to find out which FMID they apply to. This is the FMID you should add to the element entry.
- If the function that owns the module is installed in a different target zone, do nothing. This situation exists when one function includes a module from another function. During JCLIN processing, SMP/E creates a MOD entry for the module. However, because SMP/E never installs the module in this zone, SMP/E never adds the FMID subentry.
- If the element is no longer required, delete the element entry.

GIM64402W A JOB STEP WAS GENERATED TO LINK-EDIT MOD *elmname* TO LMOD *loadmod* IN LIBRARY *library*. MOD ENTRY *elmname* HAS NO FMID AND THEREFORE MIGHT NOT HAVE BEEN INSTALLED. AN ERROR WILL OCCUR IF MOD *elmname* IS NOT IN THE DISTRIBUTION LIBRARY.

Explanation:

elmname element name
loadmod load module name
library ddname of the library where the load module resides

SMP/E assumes that every element in the target zone was part of a function that SMP/E installed in the target zone. Each element entry identifies the function (FMID) for which it was installed.

In this case, the indicated element entry does not have an FMID subentry. Therefore, SMP/E is not sure whether the element was ever really installed.

System action: SMP/E generates a link-edit step to include the element in the specified load module. However, you may get an error when you run the GENERATE output if the element is not in the distribution library.

Programmer response: Do **one** of the following:

- If the function that owns the module is installed in the target zone being processed, add the appropriate FMID to the element entry. Enter **LIST MOD XREF** to find out which SYSMODs affect the module. Then enter **LIST SYSMOD** for these SYSMODs to find out which FMID they apply to. This is the FMID you should add to the element entry.
- If the function that owns the module is installed in a different target zone, do nothing. This situation exists when one function includes a module from another function. During JCLIN processing, SMP/E creates a MOD entry for the module. However, because SMP/E never installs the module in this zone, SMP/E never adds the FMID subentry.
- If the element is no longer required, delete the element entry.

GIM64501W NO LINK-EDIT STEPS WERE GENERATED FOR LMOD *loadmod* BECAUSE NO MOD ENTRIES SPECIFY *loadmod* AS AN LMOD SUBENTRY.

Explanation:

loadmod load module name

An LMOD entry is in the target zone, but none of the MOD entries show that the module was part of that load module.

System action: Because SMP/E does not know what modules make up the load module, SMP/E cannot schedule a link-edit. GENERATE processing continues.

Programmer response: Do **one** of the following:

- Add LMOD subentries to the appropriate MOD entries and rerun the GENERATE command.
- If SMP/E does not need the load module anymore, delete it.

GIM64601E A COMMENT WAS GENERATED FOR THE *jclname* JCL STATEMENT IN STEP *stepname* OF JOB *jobname* BECAUSE THERE IS NO DDDEF ENTRY FOR *dddef*.

Explanation:

jclname name of the JCL statement

stepname

step name

jobname job name

dddef DDDEF name

SMP/E could not get the information to generate the specified JCL statement.

System action: SMP/E generated a JCL comment to replace the JCL statement it needed. The format of the JCL comment is described in the chapter on the GENERATE command in *SMP/E for z/OS Commands*. GENERATE processing continues, but the output job will not run unless you fix the error.

Programmer response: Do **one** of the following:

- Add the required DDDEF entry and rerun the GENERATE command.
- Edit the GENERATE output to add the required JCL statement in place of the comments.

GIM64602E A COMMENT WAS GENERATED FOR THE *jclname* JCL STATEMENT IN STEP *stepname* OF JOB *jobname* BECAUSE THE DDDEF ENTRY FOR *stepname* DOES NOT CONTAIN A PATH SUBENTRY.

Explanation:

jclname name of the JCL statement

stepname

step name

jobname job name

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The HFSINST job copies hierarchical file system elements to UNIX file system target libraries. Therefore, the DDDEF entry defining the target library must contain the PATH subentry that indicates a UNIX file system library.

System action: SMP/E generated a JCL comment to replace the JCL statement it needed. The format of the JCL comment is described in the chapter on the GENERATE command in *SMP/E for z/OS Commands*. GENERATE processing continues, but the output job will not run unless you fix the error.

Programmer response: Do one of the following:

- Add the required PATH subentry to the *stepname* DDDEF entry, then rerun the GENERATE command.
- Edit the GENERATE output to add the required PATH operand in place of the comments.

GIM64603E NO SELECT STATEMENT WAS GENERATED FOR *elmttype elmname* IN STEP *stepname* OF JOB *jobname*. *enttype* ENTRY *entname* IS NEEDED TO PROCESS *elmttype elmname*, BUT IS NOT IN THE *zonename* ZONE.

Explanation:

elmttype element type

elmname

element name

stepname

step name

jobname job name

enttype entry type (DDDEF or SHELLSCR)

entname

entry name

zonename

zone name

The indicated element specifies a shell script to be invoked to complete the installation of the element. Either no entry exists in the zone for the specified shell script element, or the DDDEF entry for the library that contains the shell script is not in the zone. Both entries are needed to process the element.

System action: SMP/E does not generate a GIMIAP SELECT statement for the indicated element.

Programmer response: Add the required entry and rerun the GENERATE command.

GIM64604E NO SELECT STATEMENT WAS GENERATED FOR *elmttype elmname* IN STEP *stepname* OF JOB *jobname*. DDDEF ENTRY *entname* IS NEEDED TO PROCESS *elmttype elmname*, BUT DDDEF ENTRY *entname* DOES NOT CONTAIN A PATH SUBENTRY.

Explanation:

elmttype element type

elmname

element name

stepname

step name

jobname job name

entname

DDDEF entry name

The indicated element specifies a shell script to be invoked to complete the installation of the element, but the shell script does not reside in a UNIX file system. The DDDEF entry for the library that contains the shell script must specify a path in a UNIX file system.

System action: SMP/E does not generate a GIMIAP SELECT statement for the indicated element.

Programmer response: Ensure that the indicated DDDEF entry specifies a path in a UNIX file system. Rerun the GENERATE command.

GIM64605E NO SELECT STATEMENT WAS GENERATED FOR *elmttype elmname* IN STEP *stepname* OF JOB *jobname* BECAUSE THE LENGTH OF THE EXECUTION PARAMETER STRING (I.E., THE EPARM VALUE) EXCEEDS THE MAXIMUM LENGTH OF 65,535 BYTES.

Explanation:*elmttype* element type*elmname*

element name

stepname

step name

jobname job name

SMP/E attempted to process the indicated element, but when SMP/E built the execution parameter string for invoking the hierarchical file system copy utility, the 65,535 byte limit for the EPARM string was exceeded.

System action: SMP/E does not generate a GIMIAP SELECT statement for the indicated element.

Programmer response: Contact the IBM Support Center.

GIM64700I FILE *name* ALREADY EXISTS AND WILL NOT BE TRANSFERRED.

Explanation:*name* the file name of the file

The subject file already exists in the package directory and therefore does not need to be transferred from the FTP server.

System action: Processing continues.

Programmer response: None.

GIM64801E NO JOB STEP WAS GENERATED FOR *enttype entname* BECAUSE *entname* HAS NO DISTLIB SUBENTRY.

Explanation:*enttype* entry type*entname*

entry name

SMP/E assumes that all elements exist in a distribution library. However, SMP/E found an entry that did not have a DISTLIB subentry. Because the output of the GENERATE command indicates how to create elements in the target libraries by using elements in the distribution libraries, SMP/E could not process the indicated element.

System action: SMP/E did not generate a job step for the indicated element.

Programmer response: Use UCLIN to add the DISTLIB subentry to the element entry, then rerun the GENERATE command.

GIM64901E NO JOBS WERE GENERATED BECAUSE NO ELEMENTS WERE SELECTED FOR THE FORFMID OPERAND.

Explanation: The FORFMID operand was specified to limit which elements are included in the jobs produced by the GENERATE command. However, SMP/E found no elements owned by the indicated FMIDs. As a result, it did not generate any jobs.

System action: Processing continues.

Programmer response: Specify a valid FMID or delete the FORFMID operand, then rerun the GENERATE command.

GIM64902E NO JOBS WERE GENERATED BECAUSE NO ELEMENTS IN THE TARGET ZONE WERE SELECTED FOR INSTALLATION.

Explanation: As part of GENERATE processing, SMP/E checked the target zone for elements to be reinstalled. However, either none of the elements in the target zone were eligible, or the target zone contained no elements at all. As a result, SMP/E did not generate any jobs.

System action: Processing continues.

Programmer response: Do **one** of the following:

- If the SET command does not specify the correct target zone, specify the correct zone and rerun the GENERATE command.
- If the SET command does specify the correct target zone, use JCLIN to add the required entries to the zone. The best way to process the JCLIN is to build a SYSMOD that contains a ++JCLIN MCS, and either include the JCLIN inline after the MCS, or put it in a data set pointed to by the TXLIB or RELFILE operand on the MCS. That way, if you have a problem with those JCLIN changes, you can remove them by restoring the SYSMOD in which they were packaged.

GIM65001I STEP *stepname* IN JOB *jobname* WAS NOT PROCESSED BECAUSE *programe* WAS NOT SPECIFIED AS A UTILITY ON THE JCLIN COMMAND.

Explanation:

stepname

step name

jobname job name

programe

program or procedure name

SMP/E encountered the indicated program or procedure name in the JCLIN being processed, but it did not recognize the name as a valid utility.

System action: This step is not processed. Processing continues with the next step.

Programmer response:

- Make sure the name is spelled correctly.
- Check whether it is necessary for SMP/E to recognize the name. During JCLIN processing, SMP/E needs to process only information used to create or update element entries. Utilities for other types of statements do not need to be recognized. If the program listed in the message is one of the following types of utilities, you must define it to SMP/E:
 - Assembler
 - Linkage editor
 - Copy
 - Update

For more information about defining a utility to SMP/E, see the descriptions of UTILITY entries and OPTIONS entries in *SMP/E for z/OS Reference*.

If the program does not need to be recognized by SMP/E at this point, no action is necessary.

- If SMP/E should process this step and update the target zone with information from the utility statements, specify the program on the appropriate JCLIN operand, and rerun the job.

GIM65001W STEP *stepname* IN JOB *jobname* WAS NOT PROCESSED BECAUSE *programe* WAS NOT SPECIFIED AS A UTILITY ON THE JCLIN COMMAND.

Explanation:

stepname

step name

jobname job name

programe

program or procedure name

SMP/E encountered the indicated program or procedure name in the JCLIN being processed, but it did not recognize the name as a valid utility.

System action: This step is not processed. Processing continues with the next step.

Programmer response:

- Make sure the name is spelled correctly.
- Check whether it is necessary for SMP/E to recognize the name. During JCLIN processing, SMP/E needs to process only information used to create or update element entries. Utilities for other types of statements do not need to be recognized. If the program listed in the message is one of the following types of utilities, you must define it to SMP/E:
 - Assembler
 - Linkage editor
 - Copy
 - Update

For more information about defining a utility to SMP/E, see the descriptions of UTILITY entries and OPTIONS entries in *SMP/E for z/OS Reference*.

If the program does not need to be recognized by SMP/E at this point, no action is necessary.

- If SMP/E should process this step and update the target zone with information from the utility statements, specify the program on the appropriate JCLIN operand, and rerun the job.

GIM65002I STEP *stepname* IN JOB *jobname* WAS NOT PROCESSED BECAUSE *programe* WAS NOT SPECIFIED AS A UTILITY ON THE ++JCLIN MCS IN SYSMOD *sysmod*.

Explanation:

stepname

step name

jobname job name

programe

program or procedure name

sysmod SYSMOD ID

SMP/E encountered the indicated program or procedure name in the JCLIN being processed, but it did not recognize the name as a valid utility.

System action: This step is not processed. Processing continues with the next step.

Programmer response:

- Make sure the name is spelled correctly.
- Check whether it is necessary for SMP/E to recognize the name. During JCLIN processing, SMP/E needs to process only information used to create or update element entries. Utilities for other types of statements do not need to be recognized. If the program listed in the message is one of the following types of utilities, you must define it to SMP/E:
 - Assembler
 - Linkage editor
 - Copy
 - Update

For more information about defining a utility to SMP/E, see the descriptions of UTILITY entries and OPTIONS entries in *SMP/E for z/OS Reference*.

If the program does not need to be recognized by SMP/E at this point, no action is necessary.

- If SMP/E should process this step and update the target zone with information from the utility statements, specify the program on the appropriate JCLIN operand, and rerun the job.

GIM65002W STEP *stepname* IN JOB *jobname* WAS NOT PROCESSED BECAUSE *progrname* WAS NOT SPECIFIED AS A UTILITY ON THE ++JCLIN MCS IN SYSMOD *sysmod*.

Explanation:

stepname step name
jobname job name
progrname program or procedure name
sysmod SYSMOD ID

SMP/E encountered the indicated program or procedure name in the JCLIN being processed, but it did not recognize the name as a valid utility.

System action: This step is not processed. Processing continues with the next step.

Programmer response:

- Make sure the name is spelled correctly.
- Check whether it is necessary for SMP/E to recognize the name. During JCLIN processing, SMP/E needs to process only information used to create or update element entries. Utilities for other types of statements do not need to be recognized. If the program listed in the message is one of the following types of utilities, you must define it to SMP/E:
 - Assembler
 - Linkage editor
 - Copy
 - Update

For more information about defining a utility to SMP/E, see the descriptions of UTILITY entries and OPTIONS entries in *SMP/E for z/OS Reference*.

If the program does not need to be recognized by SMP/E at this point, no action is necessary.

- If SMP/E should process this step and update the target zone with information from the utility statements, specify the program on the appropriate JCLIN operand, and rerun the job.

GIM65101S ZONE *zonename* IS AN EMPTY ZONE.

Explanation:

zonename zone name

The command being processed specifies a zone that has no data.

System action: Command processing stops.

Programmer response: Check the zone name and do **one** of the following:

- If the zone name is correct, build the zone and rerun the command.
- If the zone name is incorrect, change the zone name and rerun the command.

GIM65201S CSI *dataset* DOES NOT CONTAIN A GIMZPOOL RECORD.

Explanation:

dataset data set name

The indicated data set cannot be processed because it was not initialized with the GIMZPOOL record.

System action: Command processing stops.

Programmer response: Check the data set name and do **one** of the following:

- If you specified the correct name, do the following:
 1. Initialize the data set with a GIMZPOOL record.
 2. Create the zones to be processed.
 3. Rerun the job.

- If you specified the incorrect name, change the data set name and rerun the job.

GIM65301S THE *operand* OPERAND WAS SPECIFIED MORE THAN ONCE ON A ZONEEDIT CHANGE STATEMENT. THIS IS NOT ALLOWED.

Explanation:

operand operand name

The same operand was specified more than once on a single ZONEEDIT CHANGE statement. This is not allowed.

System action: Command processing stops. No changes were made.

Programmer response: Fix the CHANGE statement to specify the value only once. If there is more than one change for the same subentry, code a CHANGE statement for each change. Then rerun the job.

GIM65401W THE ZONE DESCRIPTION EXCEEDS THE 500-BYTE MAXIMUM. ONLY THE FIRST 500 BYTES WERE SAVED.

Explanation: SMP/E only allows 500 bytes of data in a zone description. This includes blanks, as well as shift-in and shift-out characters for double-byte character set input (such as kanji characters). The zone description being processed was too long. These are some possible causes:

- More than 500 bytes of data were entered (including blanks between words and shift-in and shift-out characters).
- SMP/E added shift-in and shift-out characters to double-byte character set input because the input spanned multiple records. This caused the zone description to go over 500 bytes.

System action: SMP/E saves the first 500 bytes of the zone description, and processing continues.

Programmer response: To check what was saved as the zone description, run the LIST command for the zone definition entry that contains the zone description. If the zone description that was saved is acceptable, no action is required. Otherwise, enter UCLIN REP to replace the saved description with a new, shorter one.

GIM65402I THE size ATTRIBUTE FOR FILE *archive* WILL NOT BE GENERATED IN THE PACKAGE ATTRIBUTE FILE SINCE THE VALUE IS GREATER THAN 99,999,999,999.

Explanation:

archive pathname of the archive file. If this name exceeds 300 characters in length, only the first 300 characters will appear in the message.

GIMZIP is omitting the size attribute for the indicated file in the package attribute file, because the number of bytes in the file is greater than the maximum value for a size attribute (which is 99,999,999,999).

System action: Processing continues.

Programmer response: None

GIM65403I THE size ATTRIBUTE FOR THE PACKAGE WILL NOT BE GENERATED IN THE PACKAGE ATTRIBUTE FILE SINCE THE VALUE IS GREATER THAN 99,999,999,999.

Explanation: GIMZIP is omitting the size attribute for the package in the package attribute file, because the number of bytes in the package is greater than the maximum value for a size attribute (which is 99,999,999,999).

System action: Processing continues.

Programmer response: None.

GIM65404I THE files ATTRIBUTE FOR THE PACKAGE WILL NOT BE GENERATED IN THE PACKAGE ATTRIBUTE FILE SINCE THE VALUE IS GREATER THAN 9,999.

Explanation: GIMZIP is omitting the files attribute for the package in the package attribute file, because the number of files in the package is greater than the maximum value for a files attribute (which is 9,999).

System action: Processing continues.

Programmer response: None.

GIM65405I THE *originalsize* ATTRIBUTE FOR FILE *archive* WILL NOT BE GENERATED IN THE PACKAGE ATTRIBUTE FILE SINCE THE VALUE IS GREATER THAN 99,999,999,999.

Explanation:

archive pathname of the archive file. If this name exceeds 300 characters in length, only the first 300 characters will appear in the message.

The original file that was archived into the archive file is allocated to more than 99,999,999,999 bytes. Because the maximum value for an *originalsize* attribute is 99,999,999,999, GIMZIP has omitted the *originalsize* attribute for the identified archive file in the package attribute file.

System action: Processing continues.

Programmer response: None

GIM65406I THE *originalsize* ATTRIBUTE FOR THE PACKAGE WILL NOT BE GENERATED IN THE PACKAGE ATTRIBUTE FILE SINCE THE VALUE IS GREATER THAN 99,999,999,999.

Explanation: The sum of the values for *originalsize* attributes on ARCHDEF tags in the package exceeds 99,999,999,999. Because the maximum value for an *originalsize* attribute is 99,999,999,999, GIMZIP has omitted the *originalsize* attribute from the package attribute file.

System action: Processing continues.

Programmer response: None.

GIM65501S ZONE *zonename* IN THE FORZONE OPERAND IS NOT DEFINED IN THE *zoneset* ZONESET.

Explanation:

zonename

zone name

zoneset entry name

The indicated zone was specified in the FORZONE operand of the REPORT command but is not defined in the specified ZONESET. All zones in the FORZONE operand must be defined in the ZONESET being used.

System action: REPORT processing stops.

Programmer response: Do **one** of the following:

- Remove the zone name from the FORZONE operand.
- Add the zone name to the ZONESET using UCLIN.

Then rerun the REPORT command.

GIM65601S SMP/E ASSUMED THAT ALL THE ZONES IN THE ZONESET WERE *zonetype1* ZONES. *zonename* IS A *zonetype2* ZONE.

Explanation:

zonetype1

DLIB or TARGET

zonename

zone name

zonetype2

TARGET or DLIB

When no zone type operand is specified on the REPORT command, all the zones in the ZONESET being used must be the same type. However, the indicated zone is not the same type as other zones in the ZONESET.

System action: REPORT processing stops.

Programmer response: Do **one** of the following:

- Specify the TARGETZONE or DLIBZONE operand on the REPORT command to indicate which type of zones in the ZONESET should be processed.
- Redefine the ZONESET so that all the zones in it are the same type.

Then rerun the REPORT command.

GIM65701E LOAD MODULE BUILD PROCESSING STOPPED BECAUSE DISTRIBUTION ZONE *zonename* WAS NOT AVAILABLE.

Explanation:

zonename
zone name

SMP/E is trying to build a load module in a target library using modules in the related distribution library. However, the distribution zone for that library is not available because another user already has access to the SMPCSI data set that contains it.

System action: SMP/E stops building the load modules for which it needs the distribution zone. It also issues the following messages:

- GIM674xx, which lists the load modules that failed
- GIM67501I, which lists the modules SMP/E requires to complete the load modules
- GIM22601I or GIM22601E, which lists the SYSMODs that failed because load modules failed

Programmer response: When the other user is done with the data set that contains the required distribution zone, rerun the job.

GIM65801E MODULE *modname* IS NEEDED TO BUILD THE FOLLOWING LOAD MODULES FOR SYSMOD *sysmod* BUT IS NOT FOUND. THE MODULE IS NOT IN DISTRIBUTION ZONE *zonename*.

Explanation:

modname
module name
sysmod SYSMOD ID
zonename
zone name

SMP/E required the specified module to build load modules, but SMP/E could not find the module in the distribution zone.

SMP/E also did not search in the SMPPTS data set for the SYSMOD that last replaced the module in the target system because the module was either previously assembled, or was updated since its last replacement (contains a UMID). If the SYSMOD that last replaced the module could be used and was found in the SMPPTS, the copy of the module within the SYSMOD would be included during link edit operations.

Message GIM65905 follows this message and identifies the load module that could not be built.

System action: SYSMOD processing stops.

Programmer response: If the SYSMOD containing a copy of the indicated module has not yet been accepted into the specified distribution zone, accept it so SMP/E can find the module in the distribution zone, then rerun the job.

GIM65802E MODULE *modname* IS NEEDED TO BUILD THE FOLLOWING LOAD MODULES FOR SYSMOD *sysmod1* BUT IS NOT FOUND. THE MODULE IS NOT IN DISTRIBUTION ZONE *zonename*, AND SYSMOD *sysmod2* WHICH LAST REPLACED THE MODULE IS NOT IN THE SMPPTS.

Explanation:

modname
module name
sysmod1
SYSMOD ID
zonename
zone name
sysmod2
module's target zone RMID

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SMP/E required the specified module to build load modules, but SMP/E could not find the module in the distribution zone.

SMP/E also could not find in the SMPPTS data set SYSMOD *sysmod2*, which last replaced the module in the target system. This SYSMOD is the module's target zone RMID. If the SYSMOD was found in the SMPPTS, the copy of the module within the SYSMOD would be included during link edit operations.

Message GIM65905 follows this message and identifies the load modules that could not be built.

System action: SYSMOD processing stops.

Programmer response: Do one of the following, then rerun the job.

1. If the SYSMOD containing a copy of the indicated module has not yet been accepted into the specified distribution zone, then accept it so SMP/E can find the module in the distribution zone.
2. RECEIVE into the global zone and SMPPTS data set SYSMOD *sysmod2*, which last replaced the module in the target system. SMP/E will then find and use the module in the SMPPTS data set.

GIM65803E LINK PROCESSING FAILED FOR LOAD MODULE *loadmod* BECAUSE MODULE *modname* IS NEEDED TO BUILD *loadmod* BUT IS NOT FOUND. THE MODULE IS NOT IN DISTRIBUTION ZONE *zonename*.

Explanation:

loadmod load module name

modname

module name

zonename

zone name

SMP/E needed the specified module to build the specified load module, but SMP/E could not find the module in the distribution zone.

SMP/E also did not search in the SMPPTS data set for the SYSMOD that last replaced the module in the target system because the module was either previously assembled, or was updated since its last replacement (contains a UMID). If the SYSMOD that last replaced the module could be used and was found in the SMPPTS, the copy of the module within the SYSMOD would be included during link edit operations.

System action: Processing stops for the load module.

Programmer response: If the SYSMOD containing a copy of the indicated module has not yet been accepted into the specified distribution zone, accept it so SMP/E can find the module in the distribution zone, then rerun the job.

GIM65804E LINK PROCESSING FAILED FOR LOAD MODULE *loadmod* BECAUSE MODULE *modname* IS NEEDED TO BUILD *loadmod* BUT IS NOT FOUND. THE MODULE IS NOT IN DISTRIBUTION ZONE *zonename*, AND SYSMOD *sysmod* WHICH LAST REPLACED THE MODULE IS NOT IN THE SMPPTS.

Explanation:

loadmod load module name

modname

module name

zonename

zone name

sysmod module's target zone RMID

SMP/E needed the specified module to build the specified load module, but SMP/E could not find the module in the distribution zone.

SMP/E also could not find in the SMPPTS data set the SYSMOD *sysmod* that last replaced the module in the target system. This SYSMOD is the module's target zone RMID. If the SYSMOD was found in the SMPPTS, the copy of the module within the SYSMOD would be included during link edit operations.

System action: Processing stops for the load module.

Programmer response: Do one of the following, then rerun the job.

1. RECEIVE into the global zone and SMPPTS data set the SYSMOD *sysmod* that last replaced the module in the target system. SMP/E will then find and use the module in the SMPPTS data set.
2. If the SYSMOD containing a copy of the indicated module has not yet been accepted into the specified distribution zone, then accept it so SMP/E can find the module in the distribution zone.

GIM65901E MODULE *modname* IS NEEDED TO BUILD THE FOLLOWING LOAD MODULES FOR SYSMOD *sysmod* BUT CAN NOT BE USED. ITS DISTRIBUTION ZONE *umidtype dzumid* IS DIFFERENT FROM THE TARGET ZONE *umidtype tzumid*.

Explanation:

modname

module name

sysmod SYSMOD ID

umidtype

FMID, RMID, or UMID

dzumid distribution zone FMID or RMID. This field is blank if *umidtype* is UMID.

tzumid target zone FMID or RMID. This field is blank if *umidtype* is UMID.

SMP/E required the specified module to build load modules. It found the module in the distribution zone, but the module was at the wrong service level. A module may have different service levels in the target zone and the distribution zone if any service is applied to the target zone and not accepted in the distribution zone.

SMP/E also did not search in the SMPPTS data set for the SYSMOD that last replaced the module in the target system because the module was either previously assembled, or was updated since its last replacement (contains a UMID). If the SYSMOD that last replaced the module could be used and was found in the SMPPTS, the copy of the module within the SYSMOD would have been included during link edit operations.

Message GIM65905 follows this message and identifies the load modules that could not be built.

System action: SYSMOD processing stops.

Programmer response: List the module in the target and distribution zones and compare the FMID, RMID, and UMIDs. (If the message indicated an FMID or RMID mismatch, the UMIDs may also mismatch.) Then you may be able to use the ACCEPT or RESTORE commands to synchronize the target zone and distribution zone either restoring or accepting the module's target zone FMID, RMID, or UMID (whichever was indicated as causing the mismatch). This will allow SMP/E to find a usable copy of the module in the distribution zone when you rerun the job.

GIM65902E MODULE *modname* IS NEEDED TO BUILD THE FOLLOWING LOAD MODULES FOR SYSMOD *sysmod1* BUT CAN NOT BE USED. ITS DISTRIBUTION ZONE *umidtype dzumid* IS DIFFERENT FROM THE TARGET ZONE *umidtype tzumid*, AND SYSMOD *sysmod2* WHICH LAST REPLACED THE MODULE IS NOT IN THE SMPPTS.

Explanation:

modname

module name

sysmod1

SYSMOD ID

umidtype

FMID, RMID, or UMID

dzumid distribution zone FMID or RMID. This field is blank if *umidtype* is UMID.

tzumid target zone FMID or RMID. This field is blank if *umidtype* is UMID.

sysmod2

module's target zone RMID

SMP/E required the specified module to build load modules. It found the module in the distribution zone, but the module was at the wrong service level. A module may have different service levels in the target zone and the distribution zone if any service is applied to the target zone and not accepted in the distribution zone.

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SMP/E also could not find in the SMPPTS data set SYSMOD *sysmod2* that last replaced the module in the target system. This SYSMOD is the module's target zone RMID. If the SYSMOD was found in the SMPPTS, the copy of the module within the SYSMOD would be included during link edit operations.

Message GIM65905 follows this message and identifies the load modules that could not be built.

System action: SYSMOD processing stops.

Programmer response: Do one of the following and rerun the job:

1. RECEIVE into the Global zone and SMPPTS data set SYSMOD *sysmod2* that last replaced the module in the target system. SMP/E will then find and use the module in the SMPPTS data set when you rerun the job.
2. List the module in the target and distribution zones and compare the FMID, RMID, and UMIDs. (If the message indicated an FMID or RMID mismatch, the UMIDs may also mismatch.) You may then be able to use the ACCEPT or RESTORE commands to synchronize the target zone and distribution zone either restoring or accepting the module's target zone FMID, RMID, or UMID (whichever was indicated as causing the mismatch). This will allow SMP/E to find a usable copy of the module in the distribution zone when you rerun the job.

GIM65903I MODULE *modname* IS NEEDED TO BUILD THE FOLLOWING LOAD MODULES FOR SYSMOD *sysmod* BUT THE SMPTLIB DATA SET COULD NOT BE ALLOCATED.

Explanation:

modname

module name

sysmod SYSMOD ID

SMP/E required the specified module to build load modules, but the library that contains the module could not be allocated.

SMP/E attempted to use the copy of the module within the SYSMOD that last replaced the module in the target system. This SYSMOD is the module's target zone RMID. The SYSMOD exists in the SMPPTS data set and the module was packaged on a RELFILE data set, therefore SMP/E attempted to allocate the corresponding SMPTLIB data set. If allocated, the module would be included from the SMPTLIB data set during link edit operations. However, the data set could not be allocated.

Message GIM65905 follows this message and identifies the load modules that could not be built.

System action: SYSMOD processing stops.

Programmer response: Correct the allocation error described in previous messages and rerun the job.

GIM65904I *membtype* *membname* IN THE *library* LIBRARY IS NEEDED TO BUILD THE FOLLOWING LOAD MODULES FOR SYSMOD *sysmod* BUT *library* COULD NOT BE ALLOCATED.

Explanation:

membtype

member type

membname

member name

library library ddname

sysmod SYSMOD ID

SMP/E required the specified member to build load modules, but the library that contains the member could not be allocated. This member could be any one of the following:

Source element

In this case, SMP/E attempted to assemble the source element to obtain a copy of a module to build the indicated load module. However, the library where the source element resides could not be allocated.

Module element

In this case, either:

- SMP/E attempted to use the copy of the module within the module's distribution library to build the indicated load module. However, the distribution library could not be allocated.
- SMP/E attempted to use the copy of the module within the SYSMOD that last replaced the module in the target system. This SYSMOD is the module's target zone RMID. The SYSMOD exists in the SMPPTS data

set and the module was packaged in either an LKLIB or TXLIB data set, therefore SMP/E attempted to allocate the data set. If allocated, the module would be included from the data set during link edit operations. However, the data set could not be allocated.

Load module

In this case, load module *memname* contains only one module. This module is needed to build other load modules, therefore SMP/E attempted to use this module. However, the library that contains load module *memname* could not be allocated.

GIM65905I – LOAD MODULE *loadmod*.

Explanation:

loadmod load module name

This message identifies a load module that could not be completely built because of a condition described by the preceding messages.

System action: None.

Programmer response: None.

GIM65906E LINK PROCESSING FAILED FOR LOAD MODULE *loadmod* BECAUSE MODULE *modname* IS NEEDED TO BUILD *loadmod* BUT CAN NOT BE USED. ITS DISTRIBUTION ZONE *umidtype dzumid* IS DIFFERENT FROM THE TARGET ZONE *umidtype tzumid*.

Explanation:

loadmod load module name

modname

module name

umidtype

FMID, RMID, or UMID

dzumid distribution zone FMID or RMID. This field is blank if *umidtype* specified UMID.

tzumid target zone FMID or RMID. This field is blank if *umidtype* specified UMID.

SMP/E needed the specified module to build the specified load module. It found the module in the distribution zone, but the module was at the wrong service level. A module may have different service levels in the target zone and the distribution zone if any service is applied to the target zone and not accepted in the distribution zone.

SMP/E also did not search in the SMPPTS data set for the SYSMOD that last replaced the module in the target system because the module was either previously assembled, or was updated since its last replacement (contains a UMID). If the SYSMOD that last replaced the module could be used and was found in the SMPPTS, the copy of the module within the SYSMOD would have been included during link edit operations.

System action: Processing stops for the load module.

Programmer response: List the module in the target and distribution zones and compare the FMID, RMID, and UMIDs. (If the message indicated an FMID or RMID mismatch, the UMIDs may also mismatch.) Then you may be able to use the ACCEPT or RESTORE commands to synchronize the target zone and distribution zone either restoring or accepting the module's target zone FMID, RMID, or UMID (whichever was indicated as causing the mismatch). This will allow SMP/E to find a usable copy of the module in the distribution zone when you rerun the job.

GIM65907E LINK PROCESSING FAILED FOR LOAD MODULE *loadmod* BECAUSE MODULE *modname* IS NEEDED TO BUILD *loadmod* BUT CAN NOT BE USED. ITS DISTRIBUTION ZONE *umidtype dzumid* IS DIFFERENT FROM THE TARGET ZONE *umidtype tzumid*, AND SYSMOD *sysmod* WHICH LAST REPLACED THE MODULE IS NOT IN THE SMPPTS.

Explanation:

loadmod load module name

modname

module name

umidtype

FMID, RMID, or UMID

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dzumid distribution zone FMID or RMID. This field is blank if *umidtype* specified UMID.
tzumid target zone FMID or RMID. This field is blank if *umidtype* specified UMID.
sysmod module's target zone RMID

SMP/E needed the specified module to build the specified load module. It found the module in the distribution zone, but the module was at the wrong service level. A module may have different service levels in the target zone and the distribution zone if any service is applied to the target zone and not accepted in the distribution zone.

SMP/E also could not find in the SMPPTS data set SYSMOD *sysmod* that last replaced the module in the target system. This SYSMOD is the module's target zone RMID. If the SYSMOD was found in the SMPPTS, the copy of the module within the SYSMOD would be included during link edit operations.

System action: Processing stops for the load module.

Programmer response: Do one of the following and rerun the job.

1. RECEIVE into the Global zone and SMPPTS data set SYSMOD *sysmod*, which last replaced the module in the target system. SMP/E will then find and use the module in the SMPPTS data set when you rerun the job.
2. List the module in the target and distribution zones and compare the FMID, RMID, and UMIDs. (If the message indicated an FMID or RMID mismatch, the UMIDs may also mismatch.) You may then be able to use the ACCEPT or RESTORE commands to synchronize the target zone and distribution zone either restoring or accepting the module's target zone FMID, RMID, or UMID (whichever was indicated as causing the mismatch). This will allow SMP/E to find a usable copy of the module in the distribution zone when you rerun the job.

GIM65908E LINK PROCESSING FAILED FOR LOAD MODULE *loadmod* BECAUSE MODULE *modname* IS NEEDED TO BUILD *loadmod* BUT ITS SMPTLIB DATA SET COULD NOT BE ALLOCATED.

Explanation:

loadmod load module name
modname
 module name

SMP/E needed the specified module to build the specified load module, but the library that contains the module could not be allocated.

SMP/E attempted to use the copy of the module within the SYSMOD that last replaced the module in the target system. This SYSMOD is the module's target zone RMID. The SYSMOD exists in the SMPPTS data set and the module was packaged on a RELFILE data set, therefore SMP/E attempted to allocate the corresponding SMPTLIB data set. If allocated, the module would be included from the SMPTLIB data set during link edit operations. However, the data set could not be allocated.

System action: Processing stops for the load module.

Programmer response: Correct the allocation error described in previous messages and rerun the job.

GIM65909E LINK PROCESSING FAILED FOR LOAD MODULE *loadmod* BECAUSE *mentype memname* IN THE *ddname* LIBRARY IS NEEDED TO BUILD *loadmod* BUT *ddname* COULD NOT BE ALLOCATED.

Explanation:

loadmod load module name
mentype
 member type
memname
 member name
ddname library ddname

SMP/E required the specified member in order to build the specified load module, but the library that contains the member could not be allocated. This member could be any one of the following:

Source element — In this case, SMP/E attempted to assemble the source element in order to obtain a copy of a module to build the indicated load module. However, the library where the source element resides could not be allocated.

Module element — In this case, either:

- SMP/E attempted to use the copy of the module within the module's distribution library to build the indicated load module. However, the distribution library could not be allocated.
- SMP/E attempted to use the copy of the module within the SYSMOD that last replaced the module in the target system. This SYSMOD is the module's target zone RMID. The SYSMOD exists in the SMPPTS data set and the module was packaged in either an LKLIB or TXLIB data set, therefore SMP/E attempted to allocate the data set. If allocated, the module would be included from the data set during link edit operations. However, the data set could not be allocated.

Load module — In this case, load module *memname* contains only one module. This module is needed to build other load modules, therefore SMP/E attempted to use this module. However, the library that contains load module *memname* could not be allocated.

System action: Processing stops for the load module.

Programmer response: Correct the allocation error described in previous messages and rerun the job.

GIM65910E LINK PROCESSING FAILED FOR LOAD MODULE *loadmod*. MODULE *modname* IS NEEDED TO BUILD *loadmod*, BUT COULD NOT BE ASSEMBLED BECAUSE *ddname* COULD NOT BE ALLOCATED.

Explanation:

loadmod load module name

modname

module name

ddname ddname of the library

SMP/E needed the specified module to build the specified load module, but the module could not be assembled because *ddname* could not be allocated.

System action: Processing stops for the load module.

Programmer response: Correct the allocation error described in previous messages and rerun the job.

GIM65911E MODULE *modname* IS NEEDED TO BUILD THE FOLLOWING LOAD MODULES FOR SYSMOD *sysmod* BUT IS NOT FOUND. THE MODULE'S DISTRIBUTION LIBRARY *ddname* COULD NOT BE ALLOCATED.

Explanation:

modname

module name

sysmod SYSMOD ID

ddname ddname of the library

SMP/E needed the specified module to build load modules, but SMP/E could not allocate the module's distribution library.

SMP/E also did not search in the SMPPTS data set for the SYSMOD that last replaced the module in the target system because the module was either previously assembled or was updated since its last replacement (the module contains a UMID). If the SYSMOD that last replaced the module could be used and was found in the SMPPTS, the copy of the module within the SYSMOD would be included during link edit operations.

Message GIM65905I follows this message and identifies the load modules that could not be built.

System action: SYSMOD processing stops.

Programmer response: Correct the allocation error described in the follow on messages and rerun the job.

GIM65912E MODULE *modname* IS NEEDED TO BUILD THE FOLLOWING LOAD MODULES FOR SYSMOD *sysmod1* BUT IS NOT FOUND. THE MODULE'S DISTRIBUTION LIBRARY *ddname* COULD NOT BE ALLOCATED, AND SYSMOD *sysmod2* WHICH LAST REPLACED THE MODULE IS NOT IN THE SMPPTS.

Explanation:

modname

module name

sysmod1

SYSMOD ID

ddname module's distribution library

sysmod2

module's target zone RMID

SMP/E needed the specified modules to build load module, but SMP/E could not allocate the module's distribution library.

SMP/E also could not find in the SMPPTS data set SYSMOD *sysmod2* which last replaced the module in the target system. This SYSMOD is the module's target zone RMID. If the SYSMOD was found in the SMPPTS, the copy of the module within the SYSMOD would be included during link edit operations.

Message GIM65905I follows this message and identifies the load modules that could not be built.

System action: SYSMOD processing stops.

Programmer response: Do one of the following, then rerun the job.

- RECEIVE into the global zone and SMPPTS data set SYSMOD *sysmod2*, which last replaced the module in the target system. SMP/E will then find and use the module in the SMPPTS data set.
- Fix the allocation error for the module's distribution library.

GIM65913E LINK PROCESSING FAILED FOR LOAD MODULE *loadmod* BECAUSE MODULE *modname* IS NEEDED TO BUILD *loadmod* BUT CANNOT NOT BE USED. ITS DISTRIBUTION LIBRARY *ddname* COULD NOT BE ALLOCATED.

Explanation:

loadmod load module name

modname

module name

ddname module's distribution library

SMP/E needed the specified module to build the specified load module, but SMP/E could not allocate the module's distribution library.

SMP/E also did not search in the SMPPTS data set for the SYSMOD that last replaced the module in the target system because the module was either previously assembled or was updated since its last replacement (the module contains a UMID). If the SYSMOD that last replaced the module could be used and was found in the SMPPTS, the copy of the module within the SYSMOD would be included during link edit operations.

System action: Processing stops for this load module.

Programmer response: Correct the allocation error and rerun the job.

GIM65914E LINK PROCESSING FAILED FOR LOAD MODULE *loadmod* BECAUSE MODULE *modname* IS NEEDED TO BUILD *loadmod* BUT CANNOT BE USED. ITS DISTRIBUTION LIBRARY *ddname* COULD NOT BE ALLOCATED, AND SYSMOD *sysmod* WHICH LAST REPLACED THE MODULE IS NOT IN THE SMPPTS.

Explanation:

loadmod load module name

modname

module name

ddname module's distribution library

sysmod module's target zone RMID

SMP/E needed the specified module to build the specified load modules, but SMP/E could not allocate the module's distribution library.

SMP/E also could not find in the SMPPTS data set the SYSMOD *sysmod* that last replaced the module in the target system. This SYSMOD is the module's target zone RMID. If the SYSMOD was found in the SMPPTS, the copy of the module within the SYSMOD would be included during link edit operations.

System action: Processing stops for the load module.

Programmer response: Do one of the following, then rerun the job.

- RECEIVE into the global zone and SMPPTS data set the SYSMOD *sysmod* that last replaced the module in the target system. SMP/E will then find and use the module in the SMPPTS data set.
- Fix the allocation error for the module's distribution library.

GIM65915E MOD *modname* IS NEEDED TO BUILD THE FOLLOWING LOAD MODULES FOR SYSMOD *sysmod* BUT AN ERROR WAS FOUND IN THE SMPPTS DATA SET.

Explanation:

modname

module name

sysmod sysmod name

The specified module was needed to build load modules for the indicated SYSMOD. SMP/E attempted to use a copy of the module from a SYSMOD in the SMPPTS data set that last replaced the module. However, the module was not found in the SYSMOD in the SMPPTS data set or the SYSMOD has been corrupted.

Message GIM65905I follows this message and identifies the load modules that could not be built.

System action: SYSMOD processing stops.

Programmer response: Message GIM39802E precedes message GIM65915E and identifies the SYSMOD in the SMPPTS data set that has been corrupted. Receive this SYSMOD again into the global zone and the SMPPTS data set and rerun the job.

GIM66001I THE JCLIN CROSS-REFERENCE REPORT WAS FORMATTED IN ONE COLUMN BECAUSE SMP/E COULD NOT OBTAIN ENOUGH STORAGE FOR TWO COLUMNS.

Explanation: SMP/E does not have enough storage to format the JCLIN Cross-Reference report in two columns. Single-column format will be used.

System action: None.

Programmer response: None.

GIM66101I THE JCLIN CROSS-REFERENCE REPORT WAS FORMATTED IN ONE COLUMN BECAUSE SMP/E COULD NOT OBTAIN ENOUGH STORAGE FOR TWO COLUMNS.

Explanation: SMP/E does not have enough storage to format the JCLIN Cross-Reference report in two columns. Single column format will be used.

System action: None.

Programmer response: None.

GIM66201S THERE ARE NO *enttype* ENTRIES IN THE *zonename* ZONE.

Explanation:

enttype DDDEF or UTILITY

zonename

zone name

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The DDDEF or UTILITY entry to be changed does not exist in the indicated zone.

System action: Command processing stops.

Programmer response:

1. Check whether the specified zone is the one you want to change.
2. If the zone is correct, check to see if the job or command to define the entries was successful. If not, then either rerun that job or command, or use UCLIN to create the entries.

GIM66301E THE ACCJCLIN SUBENTRY IS ONLY ALLOWED FOR A DLIBZONE ENTRY.

Explanation: ACCJCLIN was specified on a UCL statement to control whether inline JCLIN is saved at ACCEPT time. However, the UCL statement did not specify a DLIBZONE entry.

System action: SMP/E does not change the ACCJCLIN value. Processing continues with the next command.

Programmer response: Specify the appropriate DLIBZONE entry on the UCL statement and run the UCLIN again.

GIM66400I THE TRANSFER IS COMPLETE FOR FILE *name*.

Explanation:

name the file name of the file

The subject file has been transferred from the FTP server into the package directory.

System action: Processing continues.

Programmer response: None.

GIM66501E *value* WAS SPECIFIED MORE THAN ONCE ON THE *operand* OPERAND OF THE ++*mcstype* MCS FOR *elmname* IN SYSMOD *sysmod*. THIS IS NOT ALLOWED.

Explanation:

value operand value

operand operand type

mcstype MCS type

elmname

element name

sysmod SYSMOD ID

The indicated MCS specifies the same operand value more than once.

System action: The SYSMOD is not received.

Programmer response: Remove the duplicate value and rerun the job.

GIM66601E *operand* VALUE *value* IS THE SAME AS THE ELEMENT NAME ON THE ++*mcstype* MCS FOR *elmname* IN SYSMOD *sysmod*. THESE VALUES MUST BE DIFFERENT.

Explanation:

operand operand type

value operand value

mcstype MCS type

elmname

element name

sysmod SYSMOD ID

The indicated operand value must be different from the element name.

System action: The SYSMOD is not received.

Programmer response: Change the operand value or the element name specified on the indicated MCS, as appropriate, and rerun the job.

GIM66701T DUMPON IS REQUIRED WITH THE SNAP OPERAND.

Explanation: To get a SNAP dump, you must enter DUMPON, a dump ID, and SNAP on the DEBUG command. However, DUMPON was missing from the command being processed.

System action: DEBUG processing stops.

Programmer response: Add the DUMPON operand, then rerun the job.

GIM66801E *enttype1* ENTRY *entname* WAS NOT DELETED FROM THE *dataset* DATA SET BECAUSE THERE IS NO CORRESPONDING *enttype2* ENTRY FOR *entname* IN THE *zonename* TARGET ZONE.**Explanation:***enttype1*

MTSMAC or STSSRC

entname

entry name

dataset SMPMTS or SMPSTS*enttype2*

MAC or SRC

zonename

zone name

During CLEANUP processing, SMP/E could not delete the specified entry, because no corresponding entry existed in the target zone.

System action: CLEANUP processing continues.

Programmer response: None.

GIM66802E BACKUP ENTRIES FOR *sysmod* WERE NOT DELETED FROM THE SMPSCDS DATA SET BECAUSE THERE IS NO CORRESPONDING SYSMOD ENTRY FOR *sysmod* IN THE *zonename* TARGET ZONE.**Explanation:***sysmod* SYSMOD ID*zonename*

zone name

During CLEANUP processing, SMP/E could not delete the specified entry, because no corresponding entry existed in the target zone.

System action: CLEANUP processing continues.

Programmer response: None.

GIM66901E THE *operand* OPERAND EXCEEDS THE *number*-VALUE MAXIMUM ON THE *mcstype* MCS FOR *elmname* IN SYSMOD *sysmod*.**Explanation:***operand* FMID or SYSLIB*number* 10 (for FMID) or 2 (for SYSLIB)*mcstype* ++MOVE (for FMID) or ++DELETE (for SYSLIB)*elmname*

element name

sysmod SYSMOD ID

The number of values entered on the specified MCS statement exceeds the maximum allowed.

System action: SYSMOD processing stops.

Programmer response: Fix the MCS statement so that it specifies an allowable number of values for the indicated operand. Then rerun the job.

GIM67001E THE SAME VALUE (*zonename*) WAS SPECIFIED FOR THE RELATED ZONE AND FOR THE ZONE ON THE SET COMMAND. THESE VALUES MUST BE DIFFERENT.

Explanation:

zonename
zone name

On the UCLIN command used to define a TARGETZONE or DLIBZONE entry, the RELATED zone name was the same as the zone name specified on the SET command.

System action: Command processing stops. Processing continues with the next command.

Programmer response: Correct the values so they are not the same. Then rerun the command.

GIM67002S THE SAME VALUE (*value*) WAS SPECIFIED FOR THE OUTFILE DDNAME AND FOR THE ZONE ON THE SET COMMAND. THESE VALUES MUST BE DIFFERENT.

Explanation:

value specified value

On the ZONEEXPORT command, the OUTFILE ddname was the same as the zone name specified on the SET command.

System action: Command processing stops.

Programmer response: Correct the values so they are not the same. Then rerun the command.

GIM67003S THE SAME VALUE (*value*) WAS SPECIFIED FOR THE INFILE DDNAME AND FOR THE ZONE ON THE SET COMMAND. THESE VALUES MUST BE DIFFERENT.

Explanation:

value specified value

On the ZONEIMPORT command, the INFILE ddname was the same as the zone name specified on the SET command.

System action: Command processing stops.

Programmer response: Correct the values so they are not the same. Then rerun the command.

GIM67101I THE REMAINING CHANGE STATEMENTS UP TO THE ENDZONEEDIT COMMAND WILL NOT BE PROCESSED.

Explanation: A severe error occurred during ZONEEDIT processing (the return code was 12 or higher).

System action: SMP/E skips to the ENDZONEEDIT command without processing any more ZONEEDIT CHANGE statements.

Programmer response: See "ZONEEDIT return codes" on page 500 for a description of ZONEEDIT return codes. Fix the indicated problem and rerun the job.

GIM67201E LOAD MODULE BUILD PROCESSING STOPPED BECAUSE NO RELATED DISTRIBUTION ZONE IS DEFINED FOR TARGET ZONE *zonename*.

Explanation:

zonename
zone name

While building a load module in a target library, SMP/E needed to check the related distribution zone for a required module. However, no related distribution zone is defined for the target zone.

System action: SMP/E stops building load modules that need the missing distribution zone. It also issues the following messages:

- GIM674xx, which lists the load modules that failed

- GIM67501I, which lists the modules SMP/E requires to complete the load modules
- GIM22601I or GIM22601E, which lists the SYSMODs that failed because load modules failed

Programmer response: Specify the related distribution zone in the TARGETZONE entry and rerun the job.

GIM67301W LOAD MODULE *loadmod* IN SYSLIB *syslib* DOES NOT INCLUDE MODULE *modname* BECAUSE *modname* HAS NOT BEEN INSTALLED.

Explanation:

loadmod load module name
syslib SYSLIB value
modname
 module name

A module that SMP/E needs to build the indicated load module has not been installed. As a result, the load module is link-edited without the missing module.

System action: Processing continues.

Programmer response: Link-edit the module into the load module outside SMP/E.

GIM67302W LOAD MODULE *loadmod* IN SYSLIBS *syslib1* AND *syslib2* DOES NOT INCLUDE MODULE *modname* BECAUSE *modname* HAS NOT BEEN INSTALLED.

Explanation:

loadmod load module name
syslib1 SYSLIB value
syslib2 SYSLIB value
modname
 module name

A module that SMP/E needs to build the indicated load module has not been installed. As a result, the load module is link-edited without the missing module.

System action: Processing continues.

Programmer response: Link-edit the module into the load module outside SMP/E.

GIM67401E LOAD MODULE *loadmod* WAS NOT BUILT IN SYSLIB *syslib*.

Explanation:

loadmod load module name
syslib SYSLIB value

SMP/E stopped building the indicated load module because of a previous error. Check for messages (such as GIM67201E) that explain this error.

System action: Load module processing ends. SMP/E issues the following related messages:

- GIM67501I, which lists the modules SMP/E requires to complete the load module
- GIM22601I or GIM22601E, which lists the SYSMODs that failed because load modules failed

Programmer response: Correct the error indicated in the other messages and rerun the job.

GIM67402E LOAD MODULE *loadmod* WAS NOT BUILT IN SYSLIBS *syslib1* AND *syslib2*.

Explanation:

loadmod load module name
syslib1 SYSLIB value
syslib2 SYSLIB value

SMP/E stopped building the indicated load module because of a previous error. Check for messages (such as GIM67201E) that explain this error.

System action: Load module processing ends. SMP/E issues the following related messages:

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- GIM67501I, which lists the modules SMP/E requires to complete the load module
- GIM22601I or GIM22601E, which lists the SYSMODs that failed because load modules failed

Programmer response: Correct the error indicated in the other messages and rerun the job.

GIM67501I MODULE *modname* IS REQUIRED FOR LOAD MODULE *loadmod*.

Explanation:

modname

module name

loadmod load module name

Because of a previous error, SMP/E cannot get the modules it needs to build the indicated load module. This message lists these modules. A previous message (such as GIM65701E or GIM67201E) tells what error is preventing SMP/E from getting the modules.

System action: Processing for the indicated load module stops. Processing continues for other load modules and SYSMODs.

Programmer response: Correct the error indicated in the other messages and rerun the job.

GIM67601I SMPTLIB *dataset* WAS CATALOGED ON VOLUME *volser*.

Explanation:

dataset data set name

volser volume serial number

During RECEIVE processing, SMP/E cataloged an existing SMPTLIB data set on the indicated volume.

System action: Processing continues.

Programmer response: None.

GIM67602I SMPTLIB *dataset* WAS DELETED FROM VOLUME *volser*.

Explanation:

dataset data set name

volser volume serial number

During command processing, SMP/E deleted an existing SMPTLIB from the indicated volume.

System action: Processing continues.

Programmer response: None.

GIM67701I LOG RECORDING WAS SWITCHED TO SMPOUT BECAUSE SMPLOGA DOES NOT HAVE THE SAME BLKSIZE VALUE AS SMPLOG.

Explanation: Because the SMPLOG data set is full, SMP/E tried to record log data in SMPLOGA. However, SMPLOGA does not have the same block size as SMPLOG. SMP/E is therefore using SMPOUT.

System action: Processing continues.

Programmer response: Make sure the SMPLOG and SMPLOGA data sets have the same block size.

GIM67801T DUMPOFF IS NOT ALLOWED FOR *value* BECAUSE *value* IS ALREADY OFF.

Explanation:

value dump ID or VPLFUNCT value

The DEBUG command specified DUMPOFF for a dump ID or VPLFUNCT value that was already turned off.

System action: DEBUG processing stops.

Programmer response: Rerun the job without turning off the specified dump points.

GIM67802T DUMPOFF IS NOT ALLOWED FOR MSGIDS BECAUSE DUMPMSG IS ALREADY OFF.

Explanation: The DEBUG command specified DUMPOFF for all message IDs, but DUMPMSG was already turned off.

System action: DEBUG processing stops.

Programmer response: Rerun the job without turning off the specified dump points.

GIM67901W MOD ENTRY *entname* CONTAINS THE SAME VALUE (*subval*) FOR THE TALIAS AND LMOD SUBENTRIES. THE TALIAS SUBENTRY WAS IGNORED AND SHOULD BE DELETED.

Explanation:

entname

entry name

subval subentry value

The indicated MOD entry specified the same value for the TALIAS and LMOD subentries. This is not allowed.

System action: GENERATE ignores the TALIAS subentry and builds a step to copy the module to the indicated LMOD.

Programmer response: Use the UCLIN DEL statement to delete the TALIAS subentry from the MOD entry.

GIM68001I THE DUMP ID FOR *msgid* IS *dumpid*.

Explanation:

msgid SMP/E message number

dumpid dump ID

This is an informational message issued for the DEBUG DUMPMSG command. SMP/E will associate the indicated dump ID with the dump that was requested for the SMP/E message.

System action: Processing continues.

Programmer response: None.

GIM68100S DATA SET *dataset* COULD NOT BE EXTRACTED FROM ARCHIVE *archive* BECAUSE COPY PROCESSING FAILED. THE RETURN CODE FROM THE COPY UTILITY WAS *rtncode*.

Explanation:

dataset original data set name

archive pathname or archid of the archive. If this name exceeds 300 characters in length, only the first 300 characters will appear in this message.

rtncode return code

An error occurred while attempting to copy the archive file into the destination data set.

System action: Processing stops.

Programmer response: Review the SYSPRINT output to determine the cause of the error. The output from the failing invocation of the copy utility should be at the very end of the SYSPRINT output.

One likely cause of failure is that the attributes of the original data set in the archive are incompatible with the attributes of the destination data set. Review the data set's attributes to ensure that they are compatible. The attributes of the original data set are displayed in message GIM63700I which immediately follows this message.

GIM68200E PROCESSING FAILED FOR THE *command* UNIX SYSTEM SERVICE COMMAND.

Explanation:

command

UNIX System Service command that failed

SMP/E attempted to use the identified UNIX System Service command, but a failure occurred.

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System action: Subsequent messages indicate SMP/E's action.

Programmer response: Check the command output in the SYSPRINT data set to determine the cause of the error. Fix the error and rerun the job.

If an abend occurred during job execution, or there is no output in SYSPRINT, then ensure the SCEERUN library is either in the link list or in the job's STEPLIB or JOBLIB.

GIM68301I ARCHIVE *archive* WILL BE EXTRACTED INTO THE DATA SET *dataset* THAT IS CATALOGED ON VOLUME *volume1*, EVEN THOUGH THE <ARCHDEF> TAG FOR THE ARCHIVE SPECIFIED VOLUME *volume2*, BECAUSE THE DATA SET WAS NOT FOUND ON VOLUME *volume2*.

Explanation:

archive pathname or archid of the archive. If the name exceeds 300 characters in length, only the first 300 characters will appear in this message

dataset destination data set name

volume1

volume on which the data set is cataloged

volume2

volume specified on <ARCHDEF> tag

GIMUNZIP will extract the archive into the existing cataloged data set, even though the volume specified on the <ARCHDEF> tag does not match the volume on which the data set was allocated.

System action: Processing continues.

Programmer response: None

GIM68400I *command* PROCESSING FAILED FOR SYSMOD *sysmod*. AN ELEMENT HAS BEEN DELETED DURING COMPRESS PROCESSING THAT HAS NOT BEEN REINSTALLED.

Explanation:

command

APPLY, ACCEPT, or RESTORE

sysmod SYSMOD ID

The command is terminating due to a previously noted error and termination processing has found that the indicated SYSMOD contains an unprocessed replacement part which was deleted from its library during COMPRESS processing.

System action: The named SYSMOD will be marked in ERROR on the SYSMOD Status Report.

Programmer response: Fix the error that is causing the command to terminate and rerun the command to install the SYSMOD(s) that have failed.

GIM68500S *command* COMMAND PROCESSING HAS FAILED BECAUSE NO ORDER ENTRY NAMES ARE AVAILABLE FOR USE.

Explanation:

command

SMP/E command

The indicated command attempted to create a new ORDER entry in the global zone by generating a name for the entry, but all possible names are already used. ORDER entry names are of the form **ORDnnnnn** where *nnnnn* is between 00001 and 99999.

System action: Command processing stops.

Programmer response: To allow SMP/E to generate ORDER entry names, you must delete one or more existing order entries in the global zone. Use the UCLIN command or the ORDER Dialogs to delete ORDER entries, then rerun the job.

In addition, you can use the ORDER Retention (ORDERRET) subentry of the OPTIONS entry to indicate how long ORDER entries in the global zone will be retained. During RECEIVE ORDER command processing, ORDER entries

will be deleted from the global zone if the entry is older than the active retention period (ORDER Retention subentry value).

GIM68600E ORDER ENTRY *entname* COULD NOT BE MERGED BECAUSE AN ENTRY WITH THE SAME NAME EXISTS IN THE DESTINATION GLOBAL ZONE AND A UNIQUE ORDER ENTRY NAME COULD NOT BE GENERATED.

Explanation:

entname

ORDER entry name

The GZONEMERGE command attempted to merge the indicated ORDER entry into the destination global zone but an entry with the same name already exists. SMP/E attempted to generate a new name for the entry, but all possible names are already used. ORDER entry names are of the form **ORD***nnnnn* where *nnnnn* is between 00001 and 99999.

System action: Processing stops for the entry.

Programmer response: To allow SMP/E to generate ORDER entry names you must delete one or more existing order entries in the destination global zone. Use the UCLIN command or the ORDER Dialogs to delete ORDER entries, then rerun the job.

In addition, you can use the ORDER Retention (ORDERRET) subentry of the OPTIONS entry to indicate how long ORDER entries in the global zone will be retained. During RECEIVE ORDER command processing, ORDER entries will be deleted from the global zone if the entry is older than the active retention period (ORDER Retention subentry value).

GIM68700I ORDER *entname* HAS BEEN SENT TO THE SERVER AT *location*.

Explanation:

entname

ORDER entry name

location URL for the server

The RECEIVE command created a HOLDDATA or PTF order request based on the specified operands and the request was accepted by the server. The server will now begin processing the order.

System action: Processing continues.

Programmer response: None.

GIM68800S RECEIVE FROMNTS PROCESSING HAS FAILED. THE PACKAGE FOR ORDER ENTRY *entname* CANNOT BE RECEIVED BECAUSE IT HAS NOT YET BEEN DOWNLOADED.

Explanation:

entname

ORDER entry name

The subject ORDER entry name was specified on the FROMNTS operand of the RECEIVE command to instruct SMP/E to receive the HOLDDATA and/or PTFs in the package for the order. The package for an ORDER entry specified on the FROMNTS operand must be in the SMPNTS directory. However, the specified ORDER entry has a status of PENDING; the package for this order has not yet been downloaded and stored in the SMPNTS directory.

System action: Command processing stops.

Programmer response: Do one of the following and rerun the job:

- Ensure the correct ORDER entry name is specified on the FROMNTS operand.
- Specify the PENDING operand of RECEIVE instead of FROMNTS to allow SMP/E to download the package for this order.

GIM68900S RECEIVE FROMNTS PROCESSING HAS FAILED. THE PACKAGE FOR ORDER ENTRY *entname* CANNOT BE RECEIVED BECAUSE THE ORDER IS IN ERROR.

Explanation:

entname

ORDER entry name

The subject ORDER entry name was specified on the FROMNTS operand of the RECEIVE command to instruct SMP/E to receive the HOLDDATA and/or PTFs in the package for the order. The package for an ORDER entry specified on the FROMNTS operand must be in the SMPNTS directory. However, the specified ORDER has a status of ERROR; an error was previously detected for this order and the package has not been downloaded or stored in the SMPNTS directory.

System action: Command processing stops.

Programmer response: Ensure the correct ORDER entry name is specified on the FROMNTS operand and rerun the job.

GIM69000E THE DATA WAS NOT TRANSFORMED BECAUSE THE OPEN MACRO FAILED FOR THE *dataset* DATA SET.

Explanation:

dataset ddname of the data set that could not be opened

The indicated data set is required for GIMDTS. However, the specified data set name is incorrect.

System action: GIMDTS processing stops.

Programmer response: Do **one** of the following:

- If the JCL was missing a DD statement for the data set, add one.
- If the data set name was incorrect, specify the correct name.

Then rerun the job.

GIM69001E THE DATA WAS NOT TRANSFORMED BECAUSE THE *dataset* DATA SET IS MISSING.

Explanation:

dataset ddname of the missing data set

The indicated data set is required for GIMDTS. However, the JCL contained no DD statement for that data set.

System action: GIMDTS processing stops.

Programmer response: Add a DD statement for the data set and rerun the job.

GIM69002E THE DATA WAS NOT TRANSFORMED BECAUSE THE ATTRIBUTES OF THE *dataset* DATA SET ARE NOT SUPPORTED.

Explanation:

dataset ddname of the data set

GIMDTS does not transform data if the SYSUT1 or SYSUT2 data set does not have the correct attributes.

The SYSUT1 data set must have the following attributes:

- It must be a sequential data set or a member of a PDS.
- The record format (RECFM) must be F, FA, FM, FB, FBA, FBM, V, VA, VM, VB, VBA, or VBM.
- The input must not contain spanned records.

The SYSUT2 data set must have the following attributes:

- It must be a sequential data set or a member of a PDS.
- It must be on DASD.
- The record format (RECFM) must be F or FB.
- The logical record length (LRECL) must be 80.

System action: GIMDTS processing stops.

Programmer response: Redefine the data set with the correct attributes and rerun the job.

GIM69003E THE DATA WAS NOT TRANSFORMED BECAUSE THE GETMAIN MACRO FAILED FOR THE WORK AREAS.

Explanation: GIMDTS was not able to obtain the storage required to process the input records.

System action: GIMDTS processing stops.

Programmer response: Increase the value specified for the REGION parameter on the JOB or EXEC statement. Then rerun the job.

GIM69004T THE DATA WAS NOT TRANSFORMED BECAUSE OF AN I/O ERROR. SYNAD INFORMATION FOLLOWS – *jobname,stepname,unit address,device type,ddname,operation attempted,error description,actual track address and block number,access method*

Explanation: An I/O error occurred when GIMDTS tried to get records from SYSUT1 or write records to SYSUT2.

System action: GIMDTS processing stops.

Programmer response: Use the error description and other information supplied in the message to find the cause of the error. Fix the error and rerun the job.

GIM69005W THE SYSUT2 DATA SET WAS NOT BLOCKED OR HAD A BLOCKSIZE THAT WAS NOT A MULTIPLE OF 80. IT HAS BEEN BLOCKED WITH A BLOCKSIZE OF 3200.

Explanation: GIMDTS requires a SYSUT2 data set that has fixed-block records and a BLKSIZE value that is a multiple of 80. If the record format of the SYSUT2 data set is fixed but not blocked (RECFM=F), GIMDTS changes the RECFM value to FB and the BLKSIZE value to 3200. If the BLKSIZE value of the SYSUT2 data set is not a multiple of 80, GIMDTS changes the BLKSIZE value to 3200.

System action: GIMDTS processing continues.

Programmer response: None.

GIM69006I *sysut1* WAS TRANSFORMED INTO *sysut2*.

Explanation:

sysut1 data set name of the SYSUT1 data set

sysut2 data set name of the SYSUT2 data set

GIMDTS successfully processed the records from the SYSUT1 data set. It either transformed the input from the SYSUT1 data set into the SYSUT2 data set, or copied the input from SYSUT1 into SYSUT2, if the records did not need to be transformed.

System action: GIMDTS processing continues.

Programmer response: None.

GIM69007E THE DATA WAS NOT TRANSFORMED BECAUSE THE SYSUT1 DATA SET WAS EMPTY.

Explanation: The data set indicated by the SYSUT1 DD statement did not contain any records for GIMDTS to process.

System action: GIMDTS processing stops.

Programmer response: Make sure the SYSUT1 DD statement specifies the data set that contains the input for GIMDTS. Then rerun the job.

GIM69008I GIMDTS PROCESSING IS COMPLETE. THE HIGHEST RETURN CODE IS *rtncode*.

Explanation:

rtncode the highest return code from GIMDTS processing. GIMDTS may issue the following return codes:

- 00 The input data was processed successfully.
- 04 The SYSUT2 data set was reblocked.
- 08 The input data was not processed successfully.
- 16 An I/O error occurred.

System action: If the return code was 00 or 04, GIMDTS processing continued normally. If the return code was 08 or 16, GIMDTS processing stopped.

Programmer response: See the other messages that were issued by GIMDTS to determine what action to take.

GIM69009E *elmtyp elmname* COULD NOT BE RETRANSFORMED BECAUSE THE *attribute OF value1* FOR LIBRARY *library* CONFLICTS WITH THE ORIGINAL *attribute OF value2* FOR THE DATA.

Explanation:

elmtyp element type

elmname
element name

attribute
attribute type (RECFM or LRECL)

value1 attribute value for the library

library library ddname

value2 attribute value for the transformed element

When SMP/E was installing the indicated element, it compared the attributes of the library where the element should be installed and the original attributes of element, which are indicated in the records included with the transformed element. Because these attributes do not match, SMP/E did not retransform the element back to its original format and did not install the element in the indicated library.

System action: SYSMOD processing stops.

Programmer response: Check the program directory for the product that supplies the element to find out the correct RECFM and LRECL values required for the library where the element should be installed. Specify these values for the library and rerun the job.

GIM69010E AN ERROR OCCURRED IN RETRANSFORMATION OF *elmtyp elmname* ON THE *library* LIBRARY. DATA HAS BEEN LOST.

Explanation:

elmtyp element type

elmname
element name

library data set name of the library where the element should be installed

When SMP/E was installing the indicated element, it compared the actual amount of transformed data and the amount indicated in the records included with the transformed element. Because these numbers do not match, SMP/E did not retransform the element back to its original format and did not install the element in the indicated library.

System action: SYSMOD processing stops.

Programmer response: This error usually indicates the transformed data has been truncated. Try obtaining a new copy of the SYSMOD that contains transformed data and rerunning the job. If the error still occurs, then report the error to your support group.

GIM69011I RETRANSFORMATION OF *elmtype elmname* ON LIBRARY *library* WAS UNSUCCESSFUL FOR SYSMOD *sysmod*.

Explanation:*elmtype* element type*elmname*

element name

library data set name of the library where the element should be installed*sysmod* SYSMOD ID that supplied the element

The indicated element had been transformed by GIMDTS and was packaged inline. When SMP/E tried to install the element, it did not retransform the element back to its original format. A previous message gives the reason for this failure.

System action: SYSMOD processing stops.

Programmer response: See the description of the related previous message for the action you should take.

GIM69012I RETRANSFORMATION OF *elmtype elmname* ON LIBRARY *library* WAS SUCCESSFUL FOR SYSMOD *sysmod*.

Explanation:*elmtype* element type*elmname*

element name

library data set name of the library where the element was installed*sysmod* SYSMOD ID that supplied the element

The indicated element had been transformed by GIMDTS and was packaged inline. SMP/E retransformed the element back to its original format and installed it in the indicated library.

System action: Processing continues.

Programmer response: None.

GIM69013S THE ZONES TO BE COMPARED HAVE NO MATCHING SREL.

Explanation: The zone definitions specified on the REPORT SYSMODS command did not contain any matching SREL values. As a result, none of the SYSMODs in the input zone are applicable to the comparison zone.

System action: Command processing stops.

Programmer response: Check whether the correct zones were specified on the command being processed.

- If the zones were specified correctly, no report can be produced. No further action is required.
 - If the zones were not specified correctly, specify the correct zone names and rerun the command.
-

GIM69014S THE *zonename* ZONE WAS SPECIFIED ON THE *operand* OPERAND BUT IT DOES NOT EXIST.

Explanation:*zonename*

zone name

operand COMPAREDTO or INZONE

The specified zone does not exist for one of the following reasons:

- There is no ZONEINDEX subentry for the zone in the global zone.
- The zone is not defined in the data set indicated by its ZONEINDEX subentry.

System action: Command processing stops.

Programmer response: Check whether the correct zone was specified on the indicated operand.

- If the zone was specified correctly, then perhaps the wrong global zone was being used. If so, specify the correct CSI data set for the global zone on the EXEC statement for SMP/E or on the SMPCSI DD statement and rerun the command.

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- If the zone was not specified correctly, specify the correct zone name and rerun the command.

GIM69015E THE GLOBAL ZONE IS NOT ALLOWED AS THE VALUE OF THE *operand* OPERAND.

Explanation:

operand RECZGRP or RECEXZGRP

GLOBAL is not allowed as the zone name specified on the indicated operand. You must specify the name of the target or distribution zone.

System action: Processing stops for the UCL statement.

Programmer response: Fix the UCL statement and rerun the job.

GIM69015S THE GLOBAL ZONE IS NOT ALLOWED AS THE VALUE OF THE *operand* OPERAND.

Explanation:

operand COMPAREDTO, INZONE, or XZGROUP

GLOBAL is not allowed as a value for the indicated operand. For the INZONE and COMPAREDTO operands, you must specify the name of a target or distribution zone. For the XZGROUP operand, you must specify the name of a target zone, a distribution zone, or a ZONESET entry.

System action: Command processing stops.

Programmer response: Specify a valid value for the indicated operand and rerun the command.

GIM69016S THE INZONE AND COMPAREDTO OPERANDS SPECIFIED THE SAME ZONE.

Explanation: The same zone was specified on both the INZONE and COMPAREDTO operands. The REPORT SYSMODS command does not compare a zone to itself.

System action: Command processing stops.

Programmer response: Specify different zones on the INZONE and COMPAREDTO operands. Make sure these are names of target or distribution zones and then rerun the command.

GIM69017S THE *zonename* ZONE WAS SPECIFIED ON THE *operand* OPERAND BUT IT CONTAINED NO SYSMOD ENTRIES.

Explanation:

zonename

zone name

operand COMPAREDTO or INZONE

The indicated zone contains no SYSMOD entries. The REPORT SYSMODS command only compares zones that contain at least one SYSMOD entry.

System action: Command processing stops.

Programmer response: Check whether the correct zone was specified on the indicated operand.

- If the zone was specified correctly, no report can be produced. No further action is required.
- If the zone was not specified correctly, specify the correct zone name and rerun the command.

GIM69022I WHEN THE CONTENT OF AN ORDER IS HOLDDATA THEN THE HOLDDATA SELECTION OPERAND IS ASSUMED AND THE SYSMODS SELECTION OPERAND IS IGNORED.

Explanation: If CONTENT(HOLDDATA) is specified on the RECEIVE ORDER command, the resulting order will contain only HOLDDATA. Therefore, the HOLDDATA selection operand on the RECEIVE command will be implicitly specified to indicate HOLDDATA is to be processed and stored in the global zone, and the SYSMODS selection operand on the RECEIVE command will be ignored because the order's package will not contain any SYSMODs.

Similarly, for the FROMNTS operand on the RECEIVE command, if an ORDER entry name is specified and the

content for that ORDER is HOLDDATA, then the package for that ORDER will contain only HOLDDATA. Therefore, and once again, the HOLDDATA selection operand on the RECEIVE command will be implicitly specified to indicate HOLDDATA is to be processed and stored in the global zone, and the SYSMODS selection operand on the RECEIVE command will be ignored because the order's package will not contain any SYSMODS.

Note: If neither the SYSMODS nor HOLDDATA operands were specified on the RECEIVE command, they are specified by default.

System action: RECEIVE command processing continues, but the absence of the HOLDDATA operand and the presence of the SYSMODS operand are ignored.

Programmer response: None.

GIM69031E SMP/E COULD NOT ADD SYSLIB *syslib* TO *enttype entname* BECAUSE THE MAXIMUM NUMBER OF SYSLIB SUBENTRIES WOULD HAVE BEEN EXCEEDED.

Explanation:

syslib SYSLIB name
enttype entry type (DLIB, LMOD, or element)
entname entry name

SMP/E tried to add a new SYSLIB subentry to the indicated entry. However, by adding this new SYSLIB subentry, the maximum number of SYSLIB subentries would have been exceeded.

- DLIB entries may contain one or two SYSLIB subentries.
- LMOD entries may contain one or two SYSLIB subentries.
- Element entries may contain only one SYSLIB subentry.

As a result, SMP/E did not add the new SYSLIB subentry to the entry.

System action: SMP/E ignores the duplicate UCL statement, and processing continues with the next statement.

Programmer response: If you want to replace an existing SYSLIB subentry with the new SYSLIB value, use the UCL REP statement instead of the UCL ADD statement.

- If the entry contains only one SYSLIB subentry, replace the existing value with the new value. For example:

```
UCLIN.
REP MAC(MAC01)
   SYSLIB(new-value)
ENDUCL.
```

- If the entry contains two SYSLIB subentries, replace the existing list with the new list. For example:

```
UCLIN.
REP LMOD(MOD01)
   SYSLIB(old-value,new-value)
ENDUCL.
```

GIM69032S SOURCEID *sourceid* HAS ALREADY BEEN SPECIFIED ON EITHER THE SOURCEID OR EXSRCID OPERAND.

Explanation:

sourceid SOURCEID value

The indicated SOURCEID value was repeated in one of these ways:

- It was specified more than once on the SOURCEID operand.
- It was specified more than once on the EXSRCID operand.
- It was specified on both the SOURCEID and EXSRCID operands.

None of these are allowed.

System action: Command processing stops.

Programmer response: Specify the SOURCEID value only once. Then rerun the job.

GIM69033E *enttype entname* WAS NOT RENAMED BY SYSMOD *sysmod* BECAUSE *entname* ALREADY EXISTS IN THE SPECIFIED *library* LIBRARY.

Explanation:

enttype entry type
entname entry name
sysmod SYSMOD ID
library ddname of the library

There was no entry for the indicated member in the target or distribution zone, but the member does exist in the specified library. It may have been added, moved, or renamed outside of SMP/E, or its entry may have been deleted by UCLIN.

System action: SYSMOD processing stops.

Programmer response: First determine why the member is in the library.

- If it was added, moved, or renamed outside of SMP/E, reconstruct the entry in the appropriate zones.
- If it was added by SMP/E using a different element type, decide whether to move the member to a new library, or delete it from the library.
- If the entry was deleted by UCLIN, decide whether to reconstruct the entry or delete the member from the library.

Then rerun the job.

GIM69034S ZONE *zonename1* WAS NOT RENAMED BECAUSE THE NEW ZONE NAME (*zonename2*) IS THE SAME AS THE NAME FOR A TIEDTO ZONE.

Explanation:

zonename1 name of zone to be renamed
zonename2 new zone name

The new zone name is the same as the name for a TIEDTO zone. This is not allowed.

System action: Command processing stops. Processing continues with the next command.

Programmer response: Choose a different new name for the zone to be renamed. Then rerun the command.

GIM69035E THE SAME VALUE (*zonename*) WAS SPECIFIED FOR THE TIEDTO ZONE AND FOR THE ZONE ON THE SET COMMAND. THESE VALUES MUST BE DIFFERENT.

Explanation:

zonename zone name

On the UCLIN command used to define a TARGETZONE entry, the TIEDTO zone name was the same as the zone name specified on the SET command.

System action: Command processing stops. Processing continues with the next command.

Programmer response: Correct values so they are not the same.

GIM69036E THE *subtype1* SUBENTRY FOR *enttype entname* WILL NOT BE DELETED BECAUSE *entname* CONTAINS *subtype2* SUBENTRIES.

Explanation:

subtype1 XZLMODP or XZMODP
enttype MOD or LMOD
entname MOD name or LMOD name

subtype2
XZLMOD or XZMOD

The XZLMODP and XZMODP subentry indicators tell SMP/E that a module is included in a LMOD in a different zone or that an LMOD contains modules from another zone. The deletion of the XZLMODP or the XZMODP subentries is not allowed if SMP/E determines that (a) the module is included in a LMOD in a different zone, or (b) the LMOD contains modules from a different zone, because this deletion causes the entry to be incorrect.

System action: Command processing stops. Processing continues with the next command.

Programmer response: Rework the command so that the XZMODP or XZLMODP subentry is not deleted. Then rerun the command, if necessary.

GIM69037E THE *subtype1* SUBENTRY FOR *enttype entname* WILL NOT BE ADDED BECAUSE AFTER PROCESSING IS COMPLETE NO *subtype2* SUBENTRY WILL EXIST FOR *entname*.

Explanation:

subtype1
XZLMODP or XZMODP
enttype MOD or LMOD
entname
MOD name or LMOD name
subtype2
XZLMOD or XZMOD

The XZLMODP and XZMODP subentry indicators tell SMP/E that a module is included in a LMOD in a different zone or that an LMOD contains modules from another zone. The addition of the XZLMODP or the XZMODP subentries is not allowed if SMP/E determines that (a) the module is not included in a LMOD in a different zone, or (b) the LMOD does not contain modules from a different zone, because this addition causes the entry to be incorrect.

System action: Command processing stops. Processing continues with the next command.

Programmer response: Rework the command so that the XZMODP or XZLMODP subentry is not added. Then rerun the command, if necessary.

GIM69038E THE SAME VALUE (*zonename*) WAS SPECIFIED FOR THE ZONE CONTAINING THE CROSS-ZONE *entname* AND FOR THE ZONE ON THE SET COMMAND. THESE VALUES MUST BE DIFFERENT.

Explanation:

zonename
zone name
entname
LMOD or MOD

On the UCLIN command used to update the XZLMOD subentry of the MOD entry or the XZMOD subentry of the LMOD entry, the zone containing the cross-zone MOD or LMOD is the same as the zone specified on the previous SET command.

System action: Command processing stops. Processing continues with the next command.

Programmer response: Correct the zone values so they are not the same. Then rerun the command.

GIM69039E UCLIN PROCESSING FAILED BECAUSE EXISTING XZMOD SUBENTRIES INDICATE THAT MODULE *modname* EXISTS IN ZONE *zonename1*, BUT THE CURRENT COMMAND INDICATES THAT ZONE *zonename2* SHOULD CONTAIN MODULE *modname*.

Explanation:

modname
MOD name
zonename1
zone name from XZMOD subentries

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zonename2

zone name from command

This error occurs when an XZMOD record already exists in the zone for the LMOD. This indicates that the module resides in a different zone from the one specified on the UCLIN statement.

System action: Processing stops for the statement in error. Processing continues with the next statement.

Programmer response: Correct values so that only one zone is specified for the module. Then rerun the command.

GIM69040E THE *operand* OPERAND IS ONLY ALLOWED FOR A *zonetype* ZONE.

Explanation:

operand operand

zonetype

zone type

An operand specified on the command being processed is not valid for the type of zone specified on the previous SET command.

System action: SYSMOD processing stops.

Programmer response: Either change the operand, or change the zone specified on the previous SET command. Then rerun the job.

GIM69040S THE *operand* OPERAND IS ONLY ALLOWED FOR A *zonetype* ZONE.

Explanation:

operand operand

zonetype

zone type

An operand specified on the command being processed is not valid for the type of zone specified on the previous SET command.

System action: Command processing stops.

Programmer response: Either change the operand, or change the zone specified on the previous SET command. Then rerun the job.

GIM69041S CONDITIONAL CHANGES ARE NOT ALLOWED WHEN ZONEEDIT *enttype* IS SPECIFIED.

Explanation:

enttype entry type

Conditional ZONEEDIT CHANGE statements are not allowed for the specified entry.

System action: Command processing stops.

Programmer response: Fix the CHANGE statement so that it is no longer conditional. Then rerun the job.

GIM69042S AN ASTERISK ("*") IS NOT ALLOWED FOR THE FROM VALUE OF A CHANGE STATEMENT FOR ZONEVALUE.

Explanation: Specifying an asterisk for the *from-value* causes SMP/E to change the existing value to the new value. However, when the CHANGE statement is for ZONEVALUE, it is possible to have more than one existing zone name. As a result, if an asterisk were specified for the *from-value*, SMP/E would not be able to determine which of the existing values to update.

System action: Command processing stops.

Programmer response: Fix the CHANGE statement so that an asterisk is no longer specified for the *from-value*. Then rerun the job.

GIM69043S THE SAME VALUE (*zonename*) WAS SPECIFIED FOR THE CROSS-ZONE NAME AND FOR THE ZONE ON THE SET COMMAND. THESE VALUES MUST BE DIFFERENT.

Explanation:*zonename*

zone name

On the ZONEEDIT command for ZONEVALUE, the *to-value* is the same as the zone name specified on the SET command. This is not allowed.

System action: Command processing stops. Processing continues with the next command.

Programmer response: Correct the values so they are not the same. Then rerun the command.

GIM69044W A TIEDTO SUBENTRY WAS FOUND FOR ZONE *zonename*.

Explanation:*zonename*

zone name

This message serves as a reminder that corrective action may be needed to keep the zone identified in the message and the current zone connected properly.

System action: Processing continues.

Programmer response: To keep the zones properly connected, you can use the ZONEEDIT command or UCLIN to update the cross-zone information in either the zone identified by the message, the current (set-to) zone, or both zones. For details on ZONEEDIT and UCLIN, see *SMP/E for z/OS Commands*.

GIM69045W *enttype1 entname1* IN ZONE *zonename1* CONTAINS AN *subtype* SUBENTRY INDICATING A CROSS-ZONE RELATIONSHIP WITH *enttype2 entname2* IN ZONE *zonename2*.

Explanation:*enttype1*

MOD or LMOD

entname1

MOD name or LMOD name

zonename1

zone name

subtype XZLMOD or XZMOD*enttype2*

LMOD or MOD

entname2

LMOD name or MOD name

zonename2

cross-zone name

This message serves as a reminder that corrective action may be needed to keep the cross-zone identified in the message and the current zone connected properly.

System action: Processing continues.

Programmer response: To keep the zones properly connected, you can use the ZONEEDIT command or UCLIN to update the cross-zone information in either the zone identified by the message, the current (set-to) zone, or both zones. For details on ZONEEDIT and UCLIN, see *SMP/E for z/OS Commands*.

GIM69046W LMOD *loadmod* CONTAINS MOD *modname* FROM ZONE *zonename*. MOD *modname* WILL NOT BE INCLUDED IN THE LINK-EDIT STEP FOR LMOD *loadmod*.

Explanation:*loadmod* name of the load module containing cross-zone information*modname*

name of the module that is controlled by another zone

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zonename

name of the zone that controls the module

During GENERATE processing, a load module was encountered that contains a module from another zone. GENERATE will not include the cross-zone module in the load module.

System action: Processing continues.

Programmer response: If you want the cross-zone module to be part of the load module, use the LINK MODULE command to link-edit the cross-zone module into the load module created by running the generated JCL.

GIM69047E *enttype1 entname1* CONTAINS AN *subtype* SUBENTRY INDICATING A CROSS-ZONE RELATIONSHIP WITH *enttype2 entname2* IN ZONE *zonename*. THIS SUBENTRY WAS NOT ADDED TO THE INTO ZONE BECAUSE THE CROSS-ZONE NAME MATCHES THE INTO ZONE NAME (*zonename*).

Explanation:

enttype1

MOD or LMOD

entname1

MOD name or LMOD name

subtype XZLMOD or XZMOD

enttype2

LMOD or MOD

entname2

LMOD name or MOD name

zonename

cross-zone name (same as INTO zone name)

This message indicates that if the subentry had been added, the zone specified on the INTO operand would have been the same as one of its cross-zones. This is not allowed.

System action: Command processing continues. The subentry is not added to the INTO zone.

Programmer response: Do the following:

1. Use the ZONEDELETE command to delete the INTO zone.
2. List all the remaining ZONEINDEX subentries (to avoid duplicates).
3. Define a new ZONEINDEX subentry for the INTO zone (with a new and unique zone name).

GIM69048S *enttype* ENTRY *entname* IS NEEDED FOR LINK PROCESSING BUT IS NOT IN ZONE *zonename*.

Explanation:

enttype entry type (MOD or LMOD)

entname

MOD name or LMOD name

zonename

cross-zone name, set-to zone name, or name of the DLIB zone related to the cross-zone

Entry *entname* is needed to process the LINK MODULE command, but it either is not in the indicated zone, or it exists only as an entry containing just XZMOD or XZLMOD subentries.

System action: LINK processing stops.

Programmer response: Make sure the correct entry name is specified on the LINK MODULE command.

GIM69049S *enttype entname* IS NEEDED FOR LINK PROCESSING BUT THE ENTRY IN *zonetype* ZONE *zonename* DOES NOT CONTAIN BOTH AN FMID AND AN RMID.

Explanation:

enttype entry type (MOD)

entname

entry name

zonetype
zone type
zonename
zone name

Entry *entname* exists in the indicated zone, but it does not contain both an FMID value and an RMID value. Therefore, it is not really installed in the zone and cannot be processed by the LINK MODULE command.

System action: LINK processing stops.

Programmer response: Install *entname* and rerun the LINK MODULE command.

GIM69050S LMOD *loadmod* FOR MOD *modname* IN ZONE *zonename* IS NEEDED FOR LINK PROCESSING BUT IS NOT INSTALLED IN A SYSTEM LIBRARY.

Explanation:

loadmod LMOD name
modname
MOD name
zonename
cross-zone name from FROMZONE operand

SMP/E determined that the indicated LMOD contained a usable copy of module *modname* in the indicated cross-zone. However, the load module does not exist in any of the SYSLIBs defined in the LMOD entry.

System action: LINK processing stops.

Programmer response: Make sure that LMOD entry *loadmod* contains the correct SYSLIB subentries.

GIM69051S LMOD *loadmod* IS NEEDED FOR LINK PROCESSING BUT IS MARKED AS BEING COPIED.

Explanation:

loadmod LMOD name

LMOD *loadmod* is a single-module load module. The LINK MODULE command does not add another module to a copied module. Copied load modules do not have any linkage editor control statements that allow for the proper management of a multiple-module load module.

System action: LINK processing stops.

Programmer response: Check that the correct LMOD name has been specified on the LINK MODULE command:

- If the LMOD name was specified correctly, it cannot be link-edited.
- If the LMOD name was not specified correctly, specify the correct LMOD name and rerun the command.

GIM69052S SMP/E WILL NOT LINK MOD *modname* FROM ZONE *zonename1* INTO LMOD *loadmod* BECAUSE THIS MOD WAS PREVIOUSLY INCLUDED FROM ZONE *zonename2*.

Explanation:

modname
module name
zonename1
FROMZONE value specified on LINK MODULE command
loadmod load module name
zonename2
current cross-zone value for module

You cannot link MOD *modname* into LMOD *loadmod* because another MOD by the same name (but from a different zone) was previously linked into that LMOD.

System action: LINK processing stops.

Programmer response: Check that the correct MOD name and FROMZONE value are specified on the LINK MODULE command.

GIM69053I LINK PROCESSING WAS SUCCESSFUL FOR LMOD *loadmod* IN SYSLIB *syslib*. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

loadmod LMOD name
syslib SYSLIB value
rtncode return code
yy.ddd year and Julian day
hh:mm:ss
military hour, minutes, seconds
seqno utility sequence number

LINK processing completed successfully with the indicated return code. The utility sequence number matches the sequence number on the utility's SYSPRINT output.

System action: Processing continues.

Programmer response: No action is required.

GIM69053W LINK PROCESSING WAS SUCCESSFUL FOR LMOD *loadmod* IN SYSLIB *syslib*. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

loadmod LMOD name
syslib SYSLIB value
rtncode return code
yy.ddd year and Julian day
hh:mm:ss
military hour, minutes, seconds
seqno utility sequence number

LINK processing completed successfully with the indicated return code. The utility sequence number matches the sequence number on the utility's SYSPRINT output.

System action: Processing continues.

Programmer response: No action is required. However, because the return code indicates that an error may have occurred, you should check the utility output to verify that the results are acceptable.

GIM69054E LINK PROCESSING FAILED FOR LMOD *loadmod* IN SYSLIB *syslib*. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

loadmod LMOD name
syslib SYSLIB value
rtncode return code
yy.ddd year and Julian day
hh:mm:ss
military hour, minutes, seconds
seqno utility sequence number

LINK processing failed with the indicated return code. The utility sequence number matches the sequence number on the utility's SYSPRINT output.

System action: The return code determines the system action.

Programmer response: See the utility output for the cause of the error. Fix the error and rerun the LINK MODULE command for this load module.

Note: If you did not get any utility output, check the value specified for the PRINT subentry in the UTILITY entry. This ddname is used for the SYSPRINT data set. Here are some typical reasons for not getting any utility output:

- The PRINT subentry specifies a DDDEF of DUMMY.
- The PRINT subentry specifies a data set that is sent to a SYSOUT class that suppresses output.

GIM69055W MOD *modname* IN ZONE *zonename1* WILL NOT BE LINKED INTO LMOD *lmodname* IN ZONE *zonename2* BECAUSE CROSS-ZONE UPDATES ARE BEING DEFERRED.

Explanation:

modname
MOD name

zonename1
zone specified on current SET command

lmodname
LMOD name

zonename2
cross-zone name for load module

The indicated module has been changed by SMP/E and is contained in a cross-zone load module. However, the cross-zone load module was not updated with the new version of this module because the TARGETZONE entry for the load module zone indicates that cross-zone updates should be deferred.

System action: Command processing continues.

Programmer response: Use the LINK MODULE command to update the cross-zone load module.

GIM69056W CROSS-ZONE PROCESSING WILL NOT BE DONE FOR LMOD *loadmod* IN ZONE *zonename* BECAUSE LMOD *loadmod* DOES NOT EXIST IN ZONE *zonename*.

Explanation:

loadmod LMOD name

zonename
cross-zone name for load module

At least one module in the set-to zone refers to the indicated LMOD and was updated by the current APPLY or RESTORE command. SMP/E attempted to update the cross-zone LMOD but could not find it in the indicated cross-zone.

System action: Command processing continues.

Programmer response: Use the Cross-Zone Summary report to determine what cross-zone work was not done and the action you may need to take to complete the cross-zone work.

GIM69057W LMOD *loadmod* IN ZONE *zonename1* DOES NOT REFER TO MOD *modname* IN ZONE *zonename2*. CROSS-ZONE UPDATE PROCESSING TO LMOD *loadmod* FOR MOD *modname* WILL NOT BE ATTEMPTED.

Explanation:

loadmod LMOD name

zonename1
cross-zone name for load module

modname
MOD name

zonename2
zone specified on the current SET command

The indicated module has been changed by SMP/E and is contained in a cross-zone load module. However, the cross-zone load module entry does not indicate that it contains the module. The cross-zone load module was not updated with the new version of the module.

System action: Command processing continues.

Programmer response: If the cross-zone load module should contain the module, use the LINK MODULE command to update the LMOD with the indicated MOD.

GIM69058W CROSS-ZONE UPDATE PROCESSING WILL NOT BE ATTEMPTED FOR LMOD *loadmod* IN ZONE *zonename* BECAUSE SYSLIB *library* COULD NOT BE ALLOCATED.

Explanation:*loadmod* LMOD name*zonename*

cross-zone name

library library for load module

Cross-zone updates were not made to the indicated LMOD because SMP/E could not allocate a library for the LMOD.

System action: Command processing continues.

Programmer response: Fix the allocation problem. Use the Cross-Zone Summary report to determine what cross-zone work was not done for the LMOD and the action you may need to take to complete the cross-zone work.

GIM69059W MOD *modname* IN ZONE *zonename1* WILL NOT BE LINKED INTO LMOD *lmodname* IN ZONE *zonename2* BECAUSE SMP/E COULD NOT FIND A USABLE COPY OF THE MODULE CONTAINING THE ZAP.

Explanation:*modname*

MOD name

zonename1

zone specified on the current SET command

lmodname

LMOD name

zonename2

cross-zone name for load module

The indicated module has been changed by SMP/E and is contained in a cross-zone load module. However, SMP/E could not find a usable copy of the module containing the ZAP to include in the cross-zone load module. As a result, the load module was not updated to include the ZAP.

System action: Command processing continues.

Programmer response: If the cross-zone load module should contain the updated module, use the LINK MODULE command to update the cross-zone LMOD with an updated copy of the indicated module.

Note: One way to obtain a copy of the updated module from the distribution library is to accept the SYSMOD that contains the module with the ZAP.

GIM69060W MOD *modname* IN ZONE *zonename1* WILL BE LINKED INTO LMOD *lmodname* IN ZONE *zonename2* BUT UPDATES TO THIS MOD BY SYSMOD *sysmod* WILL NOT BE INCLUDED.

Explanation:*modname*

MOD name

zonename1

zone specified on the current SET command

lmodname

LMOD name

zonename2

cross-zone name for load module

sysmod ID of SYSMOD that supplied the ZAP

The indicated module was both updated and replaced by SMP/E and is contained in a cross-zone load module. However, the module does not exist on the target library as a single-CSECT load module. As a result, the copy of the module that SMP/E used to update the cross-zone load module does not contain the updates made to the module by the indicated SYSMOD.

System action: Command processing continues.

Programmer response: If the cross-zone load module should contain the updated module, use the LINK MODULE command to update the cross-zone LMOD with an updated copy of the indicated module.

Note: One way to obtain a copy of the updated module from the distribution library is to accept the SYSMOD that contained the module with the ZAP.

GIM69061W LINK-EDIT PROCESSING FAILED FOR MOD *modname* IN LMOD *loadmod* IN ZONE *zonename* IN SYSLIB *syslib*. THE RETURN CODE WAS *rtncode*.

Explanation:

modname MOD name
loadmod LMOD name
zonename cross-zone name for load module
syslib SYSLIB ddname
rtncode return code

An error occurred during link-edit processing for the indicated module and load module.

Note: Date, time, and sequence number information is **not** generated for this utility completion message, because the volume of utility output for the cross-zone processing of the APPLY and RESTORE commands is expected to be small.

System action: Command processing continues.

Programmer response: See the utility output for the cause of the error. Fix the error and use the LINK MODULE command to update the LMOD with the indicated MOD.

Note: If you did not get any utility output, check the value specified for the PRINT subentry in the UTILITY entry. This ddname is used for the SYSPRINT data set. Here are some typical reasons for not getting any utility output:

- The PRINT subentry specifies a DDDEF of DUMMY.
- The PRINT subentry specifies a data set that is sent to a SYSOUT class that suppresses output.

GIM69062I LINK-EDIT PROCESSING WAS SUCCESSFUL FOR MOD *modname* IN LMOD *loadmod* IN ZONE *zonename* IN SYSLIB *syslib*. THE RETURN CODE WAS *rtncode*.

Explanation:

modname MOD name
loadmod LMOD name
zonename cross-zone name for load module
syslib SYSLIB ddname
rtncode return code

Link-edit processing completed successfully for the indicated module and load module.

Note: Date, time, and sequence number information is **not** generated for this utility completion message, because the volume of utility output for the cross-zone processing of the APPLY and RESTORE commands is expected to be small.

System action: Command processing continues.

Programmer response: No action is required.

GIM69063W MOD *modname* WILL NOT BE DELETED FROM LMOD *loadmod* IN ZONE *zonename* BECAUSE CROSS-ZONE UPDATES ARE BEING DEFERRED.

Explanation:

modname MOD name

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loadmod LMOD name
zonename
cross-zone name for load module

SMP/E processing has deleted the indicated module, which is contained in a cross-zone load module. However, because the indicated target zone specifies that cross-zone updates should be deferred, the module was not deleted from the cross-zone load module.

System action: Command processing continues.

Programmer response: If desired, delete the module from the cross-zone load module outside of SMP/E.

GIM69064W MODULE *modname* WILL BE LINK-EDITED BUT ITS SERVICE LEVEL OR FMID IN THE DISTRIBUTION ZONE IS DIFFERENT FROM THAT IN THE TARGET ZONE.

Explanation:

modname
module name

The LINK MODULE command required the specified module to build a load module. It found the module in the distribution zone, but the module was either at a different service level or was supplied by a different function SYSMOD. In spite of this discrepancy, the LINK MODULE command included the module.

System action: The load module was link-edited with the module on the distribution zone. The load module may be regressed or have an incorrect module in it.

Programmer response: If the load module was regressed or is incorrect because of the inclusion of the module from the distribution zone, link-edit the correct version of the module into the LMOD outside SMP/E.

GIM69065W PROGRAM *programe* WAS REQUIRED FOR SMP/E *command* CROSS-ZONE PROCESSING BUT WAS NOT AVAILABLE.

Explanation:

programe
name of utility program
command
command name

To do cross-zone processing, SMP/E checks the OPTIONS entry for the cross-zone to determine the names of the UTILITY entries to be used for cross-zone processing. SMP/E determined that the indicated program is required for cross-zone processing, but is currently not available.

System action: Cross-zone processing for the current zone fails. Cross-zone processing continues with the next zone.

Programmer response: Use the Cross-Zone Summary report and the MOVE/RENAME/DELETE report to determine which cross-zone updates were not done. With the information in those reports, create a LINK MODULE command (or, for ++RENAME changes, a UCLIN command) to update the indicated load modules.

GIM69066I LMOD *loadmod* FOR MOD *modname* IS NOT IN ZONE *zonename*.

Explanation:

loadmod LMOD name
modname
MOD name
zonename
cross-zone name

Entry *loadmod* is needed for LINK processing but does not exist in the indicated zone.

System action: Command processing continues.

Programmer response: Check that the MOD entry specifies the correct LMOD.

- If the MOD is contained in the LMOD, add the LMOD entry to the cross-zone.
- If the MOD is not in the LMOD, delete the LMOD subentry from the MOD entry in the cross-zone.

GIM69067S AN ERROR OCCURRED WHEN SMP/E TRIED TO UPDATE MOD ENTRY *modname* IN ZONE *zonename* TO SHOW THAT LMOD *loadmod1* WAS RENAMED TO *loadmod2*.

Explanation:

modname
module name

zonename
cross-zone

loadmod1
old LMOD name

loadmod2
new LMOD name

SMP/E ++RENAME processing has renamed the indicated load module that contains a cross-zone module. However, SMP/E could not update the cross-zone module entry to rename the cross-zone load module subentry.

System action: Cross-zone processing fails.

Programmer response: Update the cross-zone module entry using UCLIN.

GIM69068W MOD *modname* IN ZONE *zonename* WAS NOT UPDATED TO SHOW THAT LMOD *loadmod1* WAS RENAMED TO *loadmod2* BECAUSE CROSS-ZONE UPDATES ARE BEING DEFERRED.

Explanation:

modname
module name

zonename
cross-zone name for module

loadmod1
old load module name

loadmod2
new load module name

SMP/E ++RENAME processing has renamed the indicated load module, which contains a cross-zone module. However, SMP/E did not update the cross-zone MOD entry to rename the cross-zone load module subentry because the TARGETZONE entry specifies that cross-zone updates should be deferred.

System action: Command processing continues.

Programmer response: Update the cross-zone MOD entry using UCLIN.

GIM69069W CROSS-ZONE PROCESSING WILL NOT BE ATTEMPTED FOR LMOD *loadmod* IN ZONE *zonename* BECAUSE THE CALLLIBS FOR LMOD *loadmod* COULD NOT BE ALLOCATED

Explanation:

loadmod load module name

zonename
cross-zone name

Cross-zone updates were not attempted for the indicated load module because SMP/E could not allocate the load module's CALLLIBS.

System action: Processing continues.

Programmer response: Correct the allocation error identified in earlier messages. Use the Cross-Zone Summary report to determine what cross-zone processing was not performed for the load module, and the action you may need to take to complete the cross-zone work.

GIM69070S *operand value* HAS ALREADY BEEN SPECIFIED.

Explanation:

operand operand
value operand value

The indicated operand value was previously specified on the command.

System action: Command processing stops.

Programmer response: Remove the duplicate specification and rerun the job.

GIM69071S THE SAME VALUE (*zonename*) WAS SPECIFIED FOR THE FROMZONE OPERAND AND FOR THE ZONE ON THE SET COMMAND. THESE VALUES MUST BE DIFFERENT.

Explanation:

zonename
FROMZONE value

The FROMZONE value specified on the LINK MODULE command cannot be the same as the zone specified on the current SET command.

System action: LINK processing stops.

Programmer response: Correct the syntax of the LINK MODULE command and rerun the job.

GIM69072S THE *command* COMMAND WAS NOT PROCESSED BECAUSE THE FROMZONE IS NOT A TARGET ZONE.

Explanation:

command
LINK

The FROMZONE value specified on the LINK MODULE command must be for a target zone.

System action: LINK processing stops.

Programmer response: Correct the syntax of the LINK MODULE command and rerun the job.

GIM69073I MOD *modname* IN ZONE *zonename* WAS SUCCESSFULLY UPDATED TO SHOW THAT LMOD *loadmod1* WAS RENAMED TO *loadmod2*.

Explanation:

modname
module name
zonename
cross-zone name
loadmod1
old load module name
loadmod2
new load module name

SMP/E ++RENAME processing renamed the indicated load module, which contains a cross-zone module. SMP/E updated the cross-zone MOD entry to rename the XZLMOD subentry.

System action: Command processing continues.

Programmer response: No action is required.

GIM69074S *enttype entname* IS NEEDED FOR LINK PROCESSING BUT IS NOT INSTALLED IN THE *library* LIBRARY.

Explanation:*enttype* entry type (MOD)*entname*

module name

library ddname of the distribution library

SMP/E was unable to find a copy of *entname* to use for LINK processing.

System action: LINK processing stops.

Programmer response: Install *entname* in the indicated library and rerun the LINK MODULE command.

GIM69075W LMOD *loadmod* IN ZONE *zonename* DOES NOT EXIST IN SYSLIB *syslib*. CROSS-ZONE UPDATE PROCESSING WILL NOT BE ATTEMPTED FOR LMOD *loadmod* IN ZONE *zonename*.

Explanation:*loadmod* load module name*zonename*

cross-zone name

syslib ddname of SYSLIB data set

SMP/E could not update the cross-zone load module because it does not exist in the indicated SYSLIB data set.

System action: Command processing continues.

Programmer response: Determine why the LMOD does not exist in the SYSLIB and fix the problem.

Use the Cross-Zone Summary report to determine the cross-zone work that was not done for the LMOD and what action you may have to take to complete the cross-zone work.

GIM69076E UCLIN PROCESSING FAILED BECAUSE THE XZMOD OPERAND SPECIFIED THE SAME MODULE (*modname*) FOR MORE THAN ONE ZONE.

Explanation:*modname*

module name

Two or more zones were specified to contain the same module. Here is an example of a UCLIN command that can create this error:

UCLIN.

ADD LMOD(*lmod1*) XZMOD((*mod1,zone1*), (*mod1,zone2*)).

ENDUCL.

System action: Processing stops for the statement in error. Processing continues with the next statement.

Programmer response: Correct the UCL statement so only one zone is specified for the module. Then rerun the command.

GIM69077S AN I/O ERROR OCCURRED WHEN SMP/E WAS TRYING TO LOCATE *enttype entname* IN CROSS-ZONE *zonename*.

Explanation:*enttype* entry type (LMOD)*entname*

load module name

zonename

cross-zone name

SMP/E was unable to complete cross-zone update processing for the indicated load module because of an I/O error.

System action: Command processing fails.

GIM69078W • GIM69081S

Programmer response: Fix the I/O error.

GIM69078W LMOD *loadmod* CONTAINS A MODULE CONTROLLED BY ANOTHER ZONE AND MODULES THAT WERE NOT SELECTED TO BE INSTALLED. THE CURRENT LOAD MODULE WILL BE INCLUDED IN THE LINK-EDIT STEP FOR THE NEW LOAD MODULE.

Explanation:

loadmod name of the load module containing cross-zone information and nonselected modules

During GENERATE processing, a load module was encountered that contains a module from another zone. This was indicated by message GIM69046W. Additionally, not all the modules in that load module were selected to be installed. Because there are nonselected modules, the link-edit step generated for this load module will have a control card to include the current load module. The inclusion of the current load module may make the cross-zone module part of the new load module.

System action: Processing continues.

Programmer response: If you want the cross-zone module to be part of the load module, there are two possible responses:

- If the level of the cross-zone module in the current load module is correct, no action is needed.
- If the level of the cross-zone module is not correct, use the LINK MODULE command to link-edit the cross-zone module into the load module created by running the generated JCL.

GIM69079S *command* PROCESSING STOPPED BECAUSE NO RELATED DISTRIBUTION ZONE IS DEFINED FOR TARGET ZONE *zonename*.

Explanation:

command

command name

zonename

zone name

SMP/E could not process the indicated command because no related distribution zone was defined in the TARGETZONE entry.

System action: Command processing stops.

Programmer response: Determine the name of the related distribution zone and use UCLIN or the SMP/E Administration dialogs to add the correct RELATED value to the TARGETZONE entry. Then rerun the job.

GIM69080S *command* PROCESSING STOPPED BECAUSE DISTRIBUTION ZONE *zonename* WAS NOT AVAILABLE.

Explanation:

command

command name

zonename

zone name

SMP/E could not process the indicated command because another user already has access to the CSI data set containing the required distribution zone.

System action: Command processing stops.

Programmer response: When the other user is done with the CSI data set containing the required distribution zone, rerun the job.

GIM69081S SMP/E WILL NOT LINK MOD *modname* FROM ZONE *zonename* INTO LMOD *loadmod* BECAUSE THIS LMOD ALREADY CONTAINS A MOD WITH THE SAME NAME.

Explanation:

modname

module name

zonename
 cross-zone name
loadmod load module name

You cannot link the indicated module into the load module because a module with the same name is already included in this LMOD.

System action: LINK processing stops.

Programmer response: Check that the correct MOD name was specified on the LINK MODULE command.

GIM69082W LMOD *loadmod* IS NEEDED FOR LINK PROCESSING BUT IS NOT INSTALLED IN SYSLIB *syslib*.

Explanation:

loadmod load module name
syslib SYSLIB ddname

The LINK MODULE command will not link-edit any cross-zone modules into the indicated load module because the load module was not found in the indicated SYSLIB.

System action: Command processing continues.

Programmer response: Check that the LMOD entry specifies the correct SYSLIB.

GIM69083S NO LINKS WERE PROCESSED FOR THIS LINK COMMAND.

Explanation: The link-edit utility was not invoked to do any processing for this LINK MODULE command because of circumstances identified in previous messages.

System action: LINK processing stops.

Programmer response: Refer to previous messages.

GIM69084E THE *subtype* SUBENTRY FOR *enttype entname* FROM ZONE *zonename* WAS NOT ADDED BECAUSE IT ALREADY EXISTS.

Explanation:

subtype XZMOD or XZLMOD
enttype MOD or LMOD
entname
 name of cross-zone module or load module
zonename
 cross-zone name

A UCL statement tried to add the indicated subentry to an entry, but the subentry was already there. Either the entry or subentry is incorrect.

System action: SMP/E does not process any of the changes for this UCL statement.

Programmer response: Fix the UCL statement and rerun the job.

GIM69085E THE *subtype* SUBENTRY FOR *enttype entname* FROM ZONE *zonename* WAS NOT DELETED BECAUSE IT DOES NOT EXIST.

Explanation:

subtype XZMOD or XZLMOD
enttype MOD or LMOD
entname
 name of cross-zone module or load module
zonename
 cross-zone name

A UCL statement tried to delete the indicated subentry from an entry, but the subentry was not there.

GIM69086I • GIM69087I

System action: SMP/E does not process any of the changes for this UCL statement.

Programmer response: Rerun the UCL statement without the specified subentry.

GIM69086I MOD *modname* FROM SYSMOD *sysmod* WILL BE DELETED FROM LMOD *loadmod* IN ZONE *zonename*.

Explanation:

modname

module name

sysmod ID of SYSMOD containing the module

loadmod load module name

zonename

cross-zone name

The SYSMOD being processed deletes the indicated module, which contains XZLMOD subentries. As a result, SMP/E has selected the indicated module as a candidate for cross-zone updates during APPLY processing. If processing is successful, the module is deleted from the indicated load module. (During CHECK processing, this message indicates the cross-zone update processing that would occur.)

System action: Command processing continues.

Programmer response: Use the Element Summary report, the Cross-Zone Summary report, and the messages issued during the cross-zone phase of APPLY processing to determine if the cross-zone work identified by this message was done. If the cross-zone work was not done, you may have to complete the cross-zone work using a combination of the LINK MODULE command, the UCLIN command, or the linkage editor outside of SMP/E.

If the cross-zone work was not done but the Element Summary report indicates that MOD *modname* from SYSMOD *sysmod* was **not** successfully deleted, no intervention is required to complete the cross-zone work. The cross-zone work is done automatically once the module has been successfully deleted by a subsequent APPLY job.

If the cross-zone work was not done and the Element Summary report indicates that MOD *modname* from SYSMOD *sysmod* was successfully deleted, you may have to complete the cross-zone work identified by this message. Use messages issued during the cross-zone phase of the APPLY command to determine what action should be taken.

GIM69087I MOD *modname* FROM SYSMOD *sysmod* WILL BE REPLACED IN LMOD *loadmod* IN ZONE *zonename*.

Explanation:

modname

module name

sysmod ID of SYSMOD containing the module

loadmod load module name

zonename

cross-zone name

The SYSMOD being processed replaces the indicated module, which contains XZLMOD subentries. As a result, SMP/E has selected the indicated module as a candidate for cross-zone updates during APPLY processing. If processing is successful, the module is replaced in the indicated load module. (During CHECK processing, this message indicates the cross-zone update processing that would occur.)

System action: Command processing continues.

Programmer response: Use the Element Summary report, the Cross-Zone Summary report, and the messages issued during the cross-zone phase of APPLY processing to determine if the cross-zone work identified by this message was done. If the cross-zone work was not done, you may have to complete the cross-zone work using a combination of the LINK MODULE command, the UCLIN command, or the linkage editor outside of SMP/E.

If the cross-zone work was not done but the Element Summary report indicates that MOD *modname* from SYSMOD *sysmod* was **not** successfully applied, no intervention is required to complete the cross-zone work. The cross-zone work is done automatically once the module has been successfully applied.

If the cross-zone work was not done and the Element Summary report indicates that MOD *modname* from SYSMOD *sysmod* was successfully applied, you may have to complete the cross-zone work identified by this message. Use messages issued during the cross-zone phase of the APPLY command to determine what action should be taken.

GIM69088I ZAP FOR MOD *modname* FROM SYSMOD *sysmod* WILL BE INCLUDED IN LMOD *loadmod* IN ZONE *zonename*.

Explanation:

modname
 module name
sysmod ID of SYSMOD containing the module
loadmod load module name
zonename
 cross-zone name

The SYSMOD being processed updates the indicated module, which contains XZLMOD subentries. As a result, SMP/E has selected the indicated module as a candidate for cross-zone updates during APPLY or RESTORE processing. If processing is successful, the module is updated in the indicated load module. (During CHECK processing, this message indicates the cross-zone update processing that would occur.)

System action: Command processing continues.

Programmer response: Use the Element Summary report, the Cross-Zone Summary report, and the messages issued during the cross-zone phase of APPLY or RESTORE processing to determine if the cross-zone work identified by this message was done. If the cross-zone work was not done, you may have to complete the cross-zone work using a combination of the LINK MODULE command, the UCLIN command, or the linkage editor outside of SMP/E.

If the cross-zone work was not done but the Element Summary report indicates that the ZAP for MOD *modname* from SYSMOD *sysmod* was **not** successfully applied or restored, no intervention is required to complete the cross-zone work. The cross-zone work is done automatically once the ZAP for the module has been successfully applied or restored.

If the cross-zone work was not done and the Element Summary report indicates that the ZAP for MOD *modname* from SYSMOD *sysmod* was successfully applied or restored, you may have to complete the cross-zone work identified by this message. Use messages issued during the cross-zone phase of command processing to determine what action should be taken.

GIM69089I MOD *modname* FROM SYSMOD *sysmod* WILL NOT BE DELETED FROM LMOD *loadmod* IN ZONE *zonename*.

Explanation:

modname
 module name
sysmod ID of SYSMOD containing the module
loadmod load module name
zonename
 cross-zone name

The SYSMOD being processed deletes the indicated module, which contains XZLMOD subentries. However, because the module is no longer a candidate for APPLY processing, it is no longer a candidate for cross-zone update processing. As a result, it is not deleted from the indicated load module.

System action: Command processing continues.

Programmer response: No action is required. See the APPLY output for more information about the module status.

GIM69090I MOD *modname* FROM SYSMOD *sysmod* WILL NOT BE REPLACED IN LMOD *loadmod* IN ZONE *zonename*.

Explanation:

modname
 module name
sysmod ID of SYSMOD containing the module
loadmod load module name
zonename
 cross-zone name

GIM69091I • GIM69094I

The SYSMOD being processed replaces the indicated module, which contains XZLMOD subentries. However, because the module is no longer a candidate for APPLY processing, it is no longer a candidate for cross-zone update processing. As a result, it is not replaced in the indicated load module.

System action: Command processing continues.

Programmer response: No action is required. See the APPLY output for more information about the module status.

GIM69091I ZAP FOR MOD *modname* FROM SYSMOD *sysmod* WILL NOT BE INCLUDED IN LMOD *loadmod* IN ZONE *zonename*.

Explanation:

modname

module name

sysmod ID of SYSMOD containing the module

loadmod load module name

zonename

cross-zone name

The SYSMOD being processed updates the indicated module, which contains XZLMOD subentries. However, the module is no longer a candidate for cross-zone update processing because it is no longer a candidate for APPLY or RESTORE processing. As a result, it is not updated in the indicated load module.

System action: Command processing continues.

Programmer response: No action is required. See the APPLY or RESTORE output for more information about the module status.

GIM69092I CROSS-ZONE PROCESSING WILL NOT BE DONE BECAUSE THERE ARE NO CROSS-ZONE UPDATES REQUIRED.

Explanation: APPLY or RESTORE processing found no modules that needed to be deleted, updated, or replaced in load modules residing in zones other than the current set-to zone.

System action: Command processing continues.

Programmer response: No action is required.

GIM69093W MOD *modname* IN ZONE *zonename* WILL NO LONGER BE INCLUDED IN LMOD *loadmod*. A LINK COMMAND IS NEEDED TO INCLUDE MOD *modname* IN LMOD *loadmod*.

Explanation:

modname

module name

zonename

cross-zone name

loadmod load module name

The indicated load module is being created by JCLIN. This load module previously existed and contained a module from a different zone. JCLIN processing does not include the cross-zone module when rebuilding the module.

System action: Command processing continues.

Programmer response: If it is necessary to include the indicated cross-zone module in this load module, create and run a LINK MODULE command to reestablish the linkage.

GIM69094I MOD *modname* IN ZONE *zonename* WILL BE UPDATED TO SHOW THAT LMOD *loadmod1* WAS RENAMED TO *loadmod2*.

Explanation:

modname

module name

zonename

cross-zone name

loadmod1
old load module name
loadmod2
new load module name

The indicated load module has been renamed in the set-to zone. However, this load module contains cross-zone modules. The cross-zone subentries in the MOD entries in the cross-zone will be updated to show the new load module name.

System action: Command processing continues.

Programmer response: No action is required if APPLY or RESTORE processing is successful.

If an error occurs (an SMP/E failure or a system failure) and SMP/E does not automatically make this change, use the information in this message to update the XZLMOD information

GIM69095W *enttype1 entname1* IN ZONE *zonename1* CONTAINS AN *subtype* SUBENTRY INDICATING A CROSS-ZONE RELATIONSHIP WITH *enttype2 entname2* IN ZONE *zonename2*. THIS SUBENTRY WAS NOT MERGED INTO ZONE *zonename3* BECAUSE *enttype1 entname1* ONLY EXISTS AS A STUB ENTRY IN ZONE *zonename1*.

Explanation:

enttype1
MOD or LMOD
entname1
MOD name or LMOD name
zonename1
FROM zone name
subtype XZLMOD or XZMOD
enttype2
LMOD or MOD
entname2
LMOD name or MOD name
zonename2
cross-zone name
zonename3
INTO zone name

During ZONEMERGE processing, SMP/E found a stub entry in the FROM zone.

- If a MOD entry is being processed, this stub indicates that module *entname1* used to be part of the load module named in the message. (SMP/E assumes that the module no longer exists because no base entry was found for the module in the FROM zone.)
- If an LMOD entry is being processed, this stub indicates that LMOD *entname1* used to contain the module named in the message. (SMP/E assumes that the load module no longer exists because no base entry was found for the LMOD in the FROM zone.)

The XZMOD or XZLMOD subentry from the stub entry is not merged into the INTO zone because it is not part of an existing base LMOD or MOD entry.

System action: Processing continues.

Programmer response: No action is required.

GIM69096W *enttype1 entname1* IN ZONE *zonename1* CONTAINS AN *subtype* SUBENTRY INDICATING A CROSS-ZONE RELATIONSHIP WITH *enttype2 entname2* IN ZONE *zonename2*. THIS SUBENTRY WAS MERGED INTO ZONE *zonename3*.

Explanation:

enttype1
MOD or LMOD
entname1
MOD name or LMOD name

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zonename1
FROM zone name
subtype XZLMOD or XZMOD
enttype2
LMOD or MOD
entname2
LMOD name or MOD name
zonename2
cross-zone name
zonename3
INTO zone name

This message serves as a reminder that corrective action may be needed to keep the cross-zone identified in the message and the INTO zone connected properly.

System action: Processing continues.

Programmer response: To keep the zones properly connected, you may need to update cross-zone information in either or both of the following:

- The INTO zone
- The cross-zone identified by the message

GIM69097E *enttype1 entname1* IN ZONE *zonename1* CONTAINS AN *subtype* SUBENTRY INDICATING A CROSS-ZONE RELATIONSHIP WITH *enttype2 entname2* IN ZONE *zonename2*. THIS SUBENTRY WAS NOT MERGED INTO ZONE *zonename3* BECAUSE THE CROSS-ZONE NAME MATCHES THE INTO ZONE NAME.

Explanation:

enttype1
MOD or LMOD
entname1
MOD name or LMOD name
zonename1
FROM zone name
subtype XZLMOD or XZMOD
enttype2
LMOD or MOD
entname2
LMOD name or MOD name
zonename2
cross-zone name
zonename3
INTO zone name

During ZONEMERGE processing, SMP/E found the indicated cross-zone subentry in the FROM zone. The cross-zone specified by this subentry to contain the LMOD or the module is the same as the INTO zone. This is not allowed; therefore, the cross-zone subentry was not merged into the INTO zone.

System action: Processing continues. SMP/E attempts to merge the rest of the data in the zone.

Programmer response: The wrong zone was specified for either the INTO or the FROM zone. Correct either or both of these values and rerun the job.

Note: You may have to replace the INTO zone with a backup copy from tape, because it is likely that the INTO zone has been updated by the ZONEMERGE command.

GIM69098E THE TARGET ZONE CONTAINS A TIEDTO SUBENTRY FOR ZONE *zonename*. THIS SUBENTRY WAS NOT ADDED TO THE INTO ZONE BECAUSE THE CROSS-ZONE NAME MATCHES THE INTO ZONE NAME (*zonename*).

Explanation:

zonename
cross-zone name and INTO zone name

This message indicates that if the subentry had been added, the zone specified on the INTO operand would have been the same as one of its TIEDTO zones. This is not allowed.

System action: Command processing continues. The subentry is not added to the INTO zone.

Programmer response: Do the following:

1. Use the ZONEDELETE command to delete the INTO zone.
2. List all the remaining ZONEINDEX subentries (to avoid duplicates).
3. Define a new ZONEINDEX subentry for the INTO zone and use a new, unique zone name.

GIM69099S *enttype1 entname1* CONTAINS AN *subtype* SUBENTRY INDICATING A CROSS-ZONE RELATIONSHIP WITH *enttype2 entname2* IN ZONE *zonename*. ZONERENAME PROCESSING FAILED BECAUSE THE CROSS-ZONE NAME MATCHES THE NEW ZONE NAME (*zonename*).

Explanation:

enttype1
MOD or LMOD
entname1
MOD name or LMOD name
subtype XZLMOD or XZMOD
enttype2
LMOD or MOD
entname2
LMOD name or MOD name
zonename
cross-zone name and new zone name

This message indicates that if ZONERENAME processing had been done, the new zone name would have been the same as one of its cross-zones. This is not allowed.

System action: Command processing fails. Processing continues with the next command.

Programmer response: Do the following:

1. List all the remaining ZONEINDEX subentries (to avoid duplicates).
2. Choose a new, unique zone name for the new name of the zone.

GIM69100S THE ZONE VALUE IN AN *subtype* SUBENTRY FOR *enttype1 entname1* WAS NOT CHANGED TO *zonename*. *enttype1 entname1* ALREADY CONTAINS AN *subtype* SUBENTRY FOR *enttype2 entname2* IN ZONE *zonename*.

Explanation:

subtype XZLMOD or XZMOD
enttype1
MOD or LMOD
entname1
MOD name or LMOD name
zonename
new ZONEVALUE name
enttype2
MOD or LMOD
entname2
MOD name or LMOD name

The ZONEEDIT command was issued to change the zone name associated with cross-zone subentries in the current target zone. However, the MOD or LMOD entry already contains both of the following:

- A cross-zone subentry with the old ZONEVALUE specified on the ZONEEDIT CHANGE statement
- A cross-zone subentry with the new ZONEVALUE specified on the ZONEEDIT CHANGE statement

Changing the subentry with the old ZONEVALUE creates a duplicate cross-zone subentry.

System action: Command processing stops. The ZONEEDIT Summary report is issued to show which entries and subentries were updated.

Programmer response: Specify that the correct ZONEVALUE was specified.

- If the correct ZONEVALUE was specified, use the SMP/E administration dialogs or the UCLIN command to correct any erroneous cross-zone information.
- If an incorrect ZONEVALUE was specified, use the SMP/E administration dialogs or the UCLIN command to undo changes in all entries that were updated because of the current ZONEEDIT CHANGE statement. (Use the ZONEEDIT Summary report to determine which entries were changed.)

Then rerun the ZONEEDIT command and specify the correct ZONEVALUE on the ZONEEDIT CHANGE statement.

GIM69101S THE ZONE VALUE IN A TIEDTO SUBENTRY WAS NOT CHANGED TO *zonename1*. ZONE *zonename2* ALREADY CONTAINS A TIEDTO SUBENTRY FOR ZONE *zonename1*.

Explanation:

zonename1

new ZONEVALUE name

zonename2

name of current target zone

The ZONEEDIT command was issued to change the zone name associated with cross-zone subentries in the current target zone. However, the current target zone already contains both of the following:

- A TIEDTO subentry for the old ZONEVALUE specified on the ZONEEDIT CHANGE statement
- A TIEDTO subentry for the new ZONEVALUE specified on the ZONEEDIT CHANGE statement

Changing the subentry with the old ZONEVALUE would have created a duplicate TIEDTO subentry.

System action: Command processing stops. The ZONEEDIT Summary report is issued to show which entries were updated.

Programmer response: Specify that the correct ZONEVALUE was specified.

- If the correct ZONEVALUE was specified, use the SMP/E administration dialogs or the UCLIN command to correct any erroneous cross-zone information.
- If an incorrect ZONEVALUE was specified, use the SMP/E administration dialogs or the UCLIN command to undo changes in all entries that were updated because of the current ZONEEDIT CHANGE statement. (Use the ZONEEDIT Summary report to determine what entries were changed.)

Then rerun the ZONEEDIT command and specify the correct ZONEVALUE on the ZONEEDIT CHANGE statement.

GIM69102I ALLOCATION FAILED FOR *library* BECAUSE THERE IS NO DDDEF ENTRY FOR *ddname* IN *zonetype* ZONE *zonename*.

Explanation:

library SMP/E-generated ddname used to allocate the library

ddname name of missing DDDEF entry

zonetype

TARGET or DLIB

zonename

zone name

SMP/E was trying to allocate the indicated data set but could not find the required DDDEF entry.

System action: A subsequent message identifies the system action.

Programmer response: If you want to avoid this problem in the future, add the required DDDEF to the zone named in the message before running this job. (See subsequent messages for details.)

Note: Adding a JCL DD statement for the specified library would **not** satisfy the allocation request. A DDDEF entry **must** be used.

GIM69102W ALLOCATION FAILED FOR *library* BECAUSE THERE IS NO DDDEF ENTRY FOR *ddname* IN *zonetype* ZONE *zonename*.

Explanation:

library SMP/E-generated ddname used to allocate the library

ddname name of missing DDDEF entry

zonetype

TARGET or DLIB

zonename

zone name

SMP/E was trying to allocate the indicated data set but could not find the required DDDEF entry.

System action: A subsequent message identifies the system action.

Programmer response: If you need to correct this problem, add the required DDDEF to the zone named in the message. Then rerun the job if necessary. (See subsequent messages for details.)

Note: Adding a JCL DD statement for the specified library would **not** satisfy the allocation request. A DDDEF entry **must** be used.

GIM69102E ALLOCATION FAILED FOR *library* BECAUSE THERE IS NO DDDEF ENTRY FOR *ddname* IN *zonetype* ZONE *zonename*.

Explanation:

library SMP/E-generated ddname used to allocate the library

ddname name of missing DDDEF entry

zonetype

TARGET or DLIB

zonename

zone name

SMP/E was trying to allocate the indicated data set but could not find the required DDDEF entry.

System action: A subsequent message identifies the system action.

Programmer response: Add the required DDDEF to the zone named in the message. Then rerun the job if necessary. (See subsequent messages for details.)

Note: Adding a JCL DD statement for the specified library would **not** satisfy the allocation request. A DDDEF entry **must** be used.

GIM69102S ALLOCATION FAILED FOR *library* BECAUSE THERE IS NO DDDEF ENTRY FOR *ddname* IN *zonetype* ZONE *zonename*.

Explanation:

library SMP/E-generated ddname used to allocate the library

ddname name of missing DDDEF entry

zonetype

TARGET or DLIB

zonename

zone name

SMP/E was trying to allocate the indicated data set but could not find the required DDDEF entry.

System action: A subsequent message identifies the system action.

Programmer response: Add the required DDDEF to the zone named in the message. Then rerun the job if necessary. (See subsequent messages for details.)

Note: Adding a JCL DD statement for the specified library would **not** satisfy the allocation request. A DDDEF entry **must** be used.

GIM69102T ALLOCATION FAILED FOR *library* BECAUSE THERE IS NO DDDEF ENTRY FOR *ddname* IN *zonetype* ZONE *zonename*.

Explanation:

library SMP/E-generated *ddname* used to allocate the library

ddname name of missing DDDEF entry

zonetype

TARGET or DLIB

zonename

zone name

SMP/E was trying to allocate the indicated data set but could not find the required DDDEF entry.

System action: A subsequent message identifies the system action.

Programmer response: Add the required DDDEF to the zone named in the message. Then rerun the job if necessary. (See subsequent messages for details.)

Note: Adding a JCL DD statement for the specified library would **not** satisfy the allocation request. A DDDEF entry **must** be used.

GIM69103W SMP/E WAS UNABLE TO UPDATE MOD ENTRY *modname* IN ZONE *zonename* TO SHOW THAT LMOD *loadmod1* WAS RENAMED TO *loadmod2* BECAUSE THE CSI DATA SET CONTAINING ZONE *zonename* IS NOT AVAILABLE.

Explanation:

modname

module name

zonename

cross-zone name

loadmod1

old load module name

loadmod2

new load module name

The indicated MOD entry in the cross-zone was not updated with the new load module name, because the CSI data set containing the cross-zone is not available.

System action: Command processing continues.

Programmer response: When the CSI data set containing the cross-zone is available, use the UCLIN command to update the LMOD subentry in the indicated MOD entry.

GIM69104E MOD *modname* FROM SYSMOD *sysmod* WILL NOT BE INCLUDED IN LMOD *loadmod* BECAUSE A MODULE WITH THE SAME NAME FROM ZONE *zonename* IS ALREADY INCLUDED IN THIS LMOD.

Explanation:

modname

module name

sysmod ID of the SYSMOD containing the module

loadmod load module name

zonename

cross-zone name

During APPLY or RESTORE processing, the indicated module could not be included in the indicated LMOD, because that LMOD already contains a MOD of the same name from the cross-zone.

System action: Processing stops for the SYSMOD containing the module. If the SYSMOD is a function, command processing also stops.

Programmer response: If the SYSMOD must be installed, take one of the following actions:

- Remove the cross-zone relationship by using the UCLIN command to delete the cross-zone information. Then link the load module outside of SMP/E to delete the cross-zone module from the load module.
- If you created the SYSMOD in question, you can edit the SYSMOD and delete the indicated module. Then rerun the APPLY command for this SYSMOD.

GIM69105S LINK PROCESSING FAILED BECAUSE ZONE *zonename* RELATED TO FROMZONE *fromzone* IS NOT A DLIB ZONE.

Explanation:

zonename

related zone for the FROMZONE

fromzone

FROMZONE name

The zone related to the FROMZONE must be a DLIB zone.

System action: Command processing stops.

Programmer response: Use the SMP/E Administration dialogs or UCLIN to specify the correct related zone in the FROMZONE zone definition entry.

GIM69106I THE TIEDTO SUBENTRY FOR ZONE *zonename1* WILL BE DELETED FROM ZONE *zonename2* BECAUSE THERE IS NO LONGER A CROSS-ZONE RELATIONSHIP BETWEEN THE TWO ZONES.

Explanation:

zonename1

cross-zone name

zonename2

set-to zone name

The TIEDTO relationship between the two zones no longer exists. The TIEDTO subentry for the cross-zone will be deleted from the target zone.

System action: Command processing continues.

Programmer response: No action is required.

GIM69107I DYNAMIC ALLOCATION WAS SUCCESSFUL FOR *library* USING DDDEF *ddname* FROM ZONE *zonename* - *allocparms*.

Explanation:

library SMP/E-generated *ddname* used to allocate the library

ddname DDDEF name

zonename

zone name

allocparms

allocation parameters

This message is issued during LINK processing or the cross-zone phase of APPLY or RESTORE processing. SMP/E successfully allocated the indicated data set.

System action: Processing continues.

Programmer response: No action is required.

GIM69108I DYNAMIC DEALLOCATION WAS SUCCESSFUL FOR *library*, WHICH WAS ALLOCATED USING DDDEF *ddname* FROM ZONE *zonename*.

Explanation:

library SMP/E-generated *ddname* used to allocate the library

ddname DDDEF name

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zonename

zone name

This message is issued during LINK MODULE command processing or the cross-zone phase of APPLY or RESTORE processing. SMP/E successfully freed the indicated library.

System action: Processing continues.

Programmer response: No action is required.

GIM69109I ALLOCATION WAS NOT ATTEMPTED FOR *library* BECAUSE A PREVIOUS ALLOCATION ATTEMPT FOR *ddname* IN ZONE *zonename* FAILED.

Explanation:

library SMP/E-generated ddname used to allocate the library

ddname DDDEF name

zonename

zone name

Although the indicated library was required for command processing, SMP/E did not try to dynamically allocate it because a previous allocation attempt failed for that library.

During processing, SMP/E keeps track of all dynamic allocation from one SET command to the next. When an allocation fails, SMP/E will not try that allocation again. The next SET command, however, resets the allocation history and lets SMP/E try the allocation again.

System action: A subsequent message identifies the system action.

Programmer response: Look at an earlier message to determine why the previous allocation failed. Fix the problem, then issue another SET command and rerun the failing command if necessary. (See subsequent messages for details.)

GIM69109W ALLOCATION WAS NOT ATTEMPTED FOR *library* BECAUSE A PREVIOUS ALLOCATION ATTEMPT FOR *ddname* IN ZONE *zonename* FAILED.

Explanation:

library SMP/E-generated ddname used to allocate the library

ddname DDDEF name

zonename

zone name

Although the indicated library was required for command processing, SMP/E did not try to dynamically allocate it because a previous allocation attempt failed for that library.

During processing, SMP/E keeps track of all dynamic allocation from one SET command to the next. When an allocation fails, SMP/E will not try that allocation again. The next SET command, however, resets the allocation history and lets SMP/E try the allocation again.

System action: A subsequent message identifies the system action.

Programmer response: Look at an earlier message to determine why the previous allocation failed. Fix the problem, then issue another SET command and rerun the failing command if necessary. (See subsequent messages for details.)

GIM69109E ALLOCATION WAS NOT ATTEMPTED FOR *library* BECAUSE A PREVIOUS ALLOCATION ATTEMPT FOR *ddname* IN ZONE *zonename* FAILED.

Explanation:

library SMP/E-generated ddname used to allocate the library

ddname DDDEF name

zonename

zone name

Although the indicated library was required for command processing, SMP/E did not try to dynamically allocate it because a previous allocation attempt failed for that library.

During processing, SMP/E keeps track of all dynamic allocation from one SET command to the next. When an allocation fails, SMP/E will not try that allocation again. The next SET command, however, resets the allocation history and lets SMP/E try the allocation again.

System action: A subsequent message identifies the system action.

Programmer response: Look at an earlier message to determine why the previous allocation failed. Fix the problem, then issue another SET command and rerun the failing command if necessary. (See subsequent messages for details.)

GIM69109S ALLOCATION WAS NOT ATTEMPTED FOR *library* BECAUSE A PREVIOUS ALLOCATION ATTEMPT FOR *ddname* IN ZONE *zonename* FAILED.

Explanation:

library SMP/E-generated ddname used to allocate the library

ddname DDDEF name

zonename

zone name

Although the indicated library was required for command processing, SMP/E did not try to dynamically allocate it because a previous allocation attempt failed for that library.

During processing, SMP/E keeps track of all dynamic allocation from one SET command to the next. When an allocation fails, SMP/E will not try that allocation again. The next SET command, however, resets the allocation history and lets SMP/E try the allocation again.

System action: A subsequent message identifies the system action.

Programmer response: Look at an earlier message to determine why the previous allocation failed. Fix the problem, then issue another SET command and rerun the failing command if necessary. (See subsequent messages for details.)

GIM69109T ALLOCATION WAS NOT ATTEMPTED FOR *library* BECAUSE A PREVIOUS ALLOCATION ATTEMPT FOR *ddname* IN ZONE *zonename* FAILED.

Explanation:

library SMP/E-generated ddname used to allocate the library

ddname DDDEF name

zonename

zone name

Although the indicated library was required for command processing, SMP/E did not try to dynamically allocate it because a previous allocation attempt failed for that library.

During processing, SMP/E keeps track of all dynamic allocation from one SET command to the next. When an allocation fails, SMP/E will not try that allocation again. The next SET command, however, resets the allocation history and lets SMP/E try the allocation again.

System action: A subsequent message identifies the system action.

Programmer response: Look at an earlier message to determine why the previous allocation failed. Fix the problem, then issue another SET command and rerun the failing command if necessary. (See subsequent messages for details.)

GIM69110I *svc99fn* FAILED FOR *library* USING DDDEF *ddname* FROM ZONE *zonename* - *errortext*.

Explanation:

svc99fn SVC99 function that failed

library SMP/E-generated ddname of the library being processed

ddname DDDEF name

zonename

zone name

errortext

the text of the error message from the message processing facility of SVC 99 showing the reason for the failure

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An error occurred during processing of an SVC99 (the dynamic allocation SVC) function for the indicated library.

Note: This message is issued for each buffer of information returned from the message processing facility of SVC 99.

System action: A subsequent message identifies the system action.

Programmer response: Fix the error and rerun the job.

GIM69110W *svc99fn* **FAILED FOR** *library* **USING DDDEF** *ddname* **FROM ZONE** *zonename* - *errortext*.

Explanation:

svc99fn SVC99 function that failed

library SMP/E-generated ddname of the library being processed

ddname DDDEF name

zonename

zone name

errortext

the text of the error message from the message processing facility of SVC 99 showing the reason for the failure

An error occurred during processing of an SVC99 (the dynamic allocation SVC) function for the indicated library.

Note: This message is issued for each buffer of information returned from the message processing facility of SVC 99.

System action: A subsequent message identifies the system action.

Programmer response: Fix the error and rerun the job.

GIM69110E *svc99fn* **FAILED FOR** *library* **USING DDDEF** *ddname* **FROM ZONE** *zonename* - *errortext*.

Explanation:

svc99fn SVC99 function that failed

library SMP/E-generated ddname of the library being processed

ddname DDDEF name

zonename

zone name

errortext

the text of the error message from the message processing facility of SVC 99 showing the reason for the failure

An error occurred during processing of an SVC99 (the dynamic allocation SVC) function for the indicated library.

Note: This message is issued for each buffer of information returned from the message processing facility of SVC 99.

System action: A subsequent message identifies the system action.

Programmer response: Fix the error and rerun the job.

GIM69110S *svc99fn* **FAILED FOR** *library* **USING DDDEF** *ddname* **FROM ZONE** *zonename* - *errortext*.

Explanation:

svc99fn SVC99 function that failed

library SMP/E-generated ddname of the library being processed

ddname DDDEF name

zonename

zone name

errortext

the text of the error message from the message processing facility of SVC 99 showing the reason for the failure

An error occurred during processing of an SVC99 (the dynamic allocation SVC) function for the indicated library.

Note: This message is issued for each buffer of information returned from the message processing facility of SVC 99.

System action: A subsequent message identifies the system action.

Programmer response: Fix the error and rerun the job.

GIM69110T *svc99fn* **FAILED FOR** *library* **USING DDDEF** *ddname* **FROM ZONE** *zonename* - *errortext*.

Explanation:

svc99fn SVC99 function that failed

library SMP/E-generated ddname of the library being processed

ddname DDDEF name

zonename

zone name

errortext

the text of the error message from the message processing facility of SVC 99 showing the reason for the failure

An error occurred during processing of an SVC99 (the dynamic allocation SVC) function for the indicated library.

Note: This message is issued for each buffer of information returned from the message processing facility of SVC 99.

System action: A subsequent message identifies the system action.

Programmer response: Fix the error and rerun the job.

GIM69111I **ALLOCATION FAILED FOR** *library* **BECAUSE THERE IS NO DD STATEMENT FOR** *ddname* **IN THE JCL AND NO DDDEF ENTRY FOR** *ddname* **IN** *zonetype* **ZONE** *zonename*.

Explanation:

library SMP/E-generated ddname used to allocate the library

ddname name of missing JCL DD statement or missing DDDEF entry

zonetype

TARGET or DLIB

zonename

zone name

SMP/E was trying to allocate the indicated data set but could not find the required DD statement or DDDEF entry.

System action: A subsequent message identifies the system action.

Programmer response: Do **one** of the following:

- Add the required DDDEF entry to the specified zone.
- Include the DD statement in the JCL used to run SMP/E.

Then rerun the job.

GIM69111W **ALLOCATION FAILED FOR** *library* **BECAUSE THERE IS NO DD STATEMENT FOR** *ddname* **IN THE JCL AND NO DDDEF ENTRY FOR** *ddname* **IN** *zonetype* **ZONE** *zonename*.

Explanation:

library SMP/E-generated ddname used to allocate the library

ddname name of missing JCL DD statement or missing DDDEF entry

zonetype

TARGET or DLIB

zonename

zone name

SMP/E was trying to allocate the indicated data set but could not find the required DD statement or DDDEF entry.

System action: A subsequent message identifies the system action.

Programmer response: Do **one** of the following:

- Add the required DDDEF entry to the specified zone.
- Include the DD statement in the JCL used to run SMP/E.

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Then rerun the job.

GIM69111E ALLOCATION FAILED FOR *library* BECAUSE THERE IS NO DD STATEMENT FOR *ddname* IN THE JCL AND NO DDDEF ENTRY FOR *ddname* IN *zonetype* ZONE *zonename*.

Explanation:

library SMP/E-generated ddname used to allocate the library
ddname name of missing JCL DD statement or missing DDDEF entry
zonetype
TARGET or DLIB
zonename
zone name

SMP/E was trying to allocate the indicated data set but could not find the required DD statement or DDDEF entry.

System action: A subsequent message identifies the system action.

Programmer response: Do **one** of the following:

- Add the required DDDEF entry to the specified zone.
- Include the DD statement in the JCL used to run SMP/E.

Then rerun the job.

GIM69111S ALLOCATION FAILED FOR *library* BECAUSE THERE IS NO DD STATEMENT FOR *ddname* IN THE JCL AND NO DDDEF ENTRY FOR *ddname* IN *zonetype* ZONE *zonename*.

Explanation:

library SMP/E-generated ddname used to allocate the library
ddname name of missing JCL DD statement or missing DDDEF entry
zonetype
TARGET or DLIB
zonename
zone name

SMP/E was trying to allocate the indicated data set but could not find the required DD statement or DDDEF entry.

System action: A subsequent message identifies the system action.

Programmer response: Do **one** of the following:

- Add the required DDDEF entry to the specified zone.
- Include the DD statement in the JCL used to run SMP/E.

Then rerun the job.

GIM69111T ALLOCATION FAILED FOR *library* BECAUSE THERE IS NO DD STATEMENT FOR *ddname* IN THE JCL AND NO DDDEF ENTRY FOR *ddname* IN *zonetype* ZONE *zonename*.

Explanation:

library SMP/E-generated ddname used to allocate the library
ddname name of missing JCL DD statement or missing DDDEF entry
zonetype
TARGET or DLIB
zonename
zone name

SMP/E was trying to allocate the indicated data set but could not find the required DD statement or DDDEF entry.

System action: A subsequent message identifies the system action.

Programmer response: Do **one** of the following:

- Add the required DDDEF entry to the specified zone.
- Include the DD statement in the JCL used to run SMP/E.

Then rerun the job.

GIM69112W CROSS-ZONE UPDATES WILL NOT BE MADE TO ZONE *zonename* BECAUSE IT IS NOT DEFINED AS A TARGET ZONE.

Explanation:

zonename

cross-zone name

A cross-zone subentry of a MOD or LMOD points to the indicated cross-zone. However, cross-zone updates will not be done, because the cross-zone is not a target zone.

System action: Processing continues with the next cross-zone.

Programmer response: Do **one** of the following:

- If the MOD entry or LMOD entry points to an incorrect cross-zone, use UCLIN to correct the XZLMOD subentry in the MOD entry or the XZMOD subentry in the LMOD.
- If the MOD entry or LMOD entry points to the correct cross-zone, the cross-zone is defined incorrectly, because the cross-zone must be defined as a target zone. To solve this problem, the specified cross-zone must be restored with a backup copy from tape.

Fix the error. Use the Cross-Zone Summary report and the MOVE/RENAME/DELETE report to determine what updates need to be done for the zone named in this message. Use a combination of the following to complete the unfinished cross-zone updates identified:

- The LINK MODULE command
- UCLIN updates
- The linkage editor (outside of SMP/E)

GIM69113W OPTIONS(*ddname*) WAS SPECIFIED IN THE PARAMETER LIST ON STEP *stepname* BUT THE *ddname* DD STATEMENT WAS NOT FOUND IN THE *stepname* STEP.

Explanation:

ddname ddname of the inline OPTIONS file

stepname

step name

During JCLIN processing of the link-edit utility parameters, SMP/E found that the parameter OPTIONS(*ddname*) was specified, indicating that an inline file containing link-edit parameters was present in the job step. However, SMP/E did not find this inline file in the step.

System action: JCLIN processing continues.

Programmer response: LIST or QUERY the LMOD entry to ensure that the appropriate link-edit attributes have been assigned to the LMOD. If the attributes are incorrect, do the following based on the command that was executed when the command was issued:

- JCLIN command — correct the JCLIN and rerun the JCLIN command, or use UCLIN to change the attributes in the LMOD entry.
- ACCEPT command — correct the inline JCLIN and rerun the ACCEPT command, or use UCLIN to change the attributes in the LMOD entry.
- APPLY command — correct the inline JCLIN and rerun the APPLY command, or use UCLIN to change the attributes in the LMOD entry and relink the load module.

GIM69114W MOD *modname* IN ZONE *zonename1* WILL NOT BE REPLACED IN LMOD *lmodname* IN ZONE *zonename2* BECAUSE THE CSI DATA SET CONTAINING ZONE *zonename2* IS NOT AVAILABLE.

Explanation:

modname

MOD name

zonename1

set-to zone name

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lmodname

LMOD name

zonename2

cross-zone name

SMP/E has replaced the indicated module, which is contained in a cross-zone load module. The module was not replaced in the cross-zone load module because the data set containing the cross-zone is unavailable at this time.

System action: Command processing continues with the next cross-zone.

Programmer response: Use information from this message to determine which cross-zone update was not done and create a LINK MODULE command to update the indicated load module.

GIM69115W MOD *modname* IN ZONE *zonename1* WILL NOT BE UPDATED IN LMOD *lmodname* IN ZONE *zonename2* BECAUSE THE CSI DATA SET CONTAINING ZONE *zonename2* IS NOT AVAILABLE.

Explanation:

modname

MOD name

zonename1

set-to zone name

lmodname

LMOD name

zonename2

cross-zone name

SMP/E has updated the indicated module, which is contained in a cross-zone load module. The module was not updated in the cross-zone load module because the data set containing the cross-zone is unavailable at this time.

System action: Command processing continues with the next cross-zone.

Programmer response: Use information from this message to determine which cross-zone update was not done, and create a LINK MODULE command to update the indicated load module.

GIM69116W MOD *modname* IN ZONE *zonename1* WILL NOT BE DELETED FROM LMOD *lmodname* IN ZONE *zonename2* BECAUSE THE CSI DATA SET CONTAINING ZONE *zonename2* IS NOT AVAILABLE.

Explanation:

modname

MOD name

zonename1

set-to zone name

lmodname

LMOD name

zonename2

cross-zone name

SMP/E has deleted the indicated module, which is contained in a cross-zone load module. The module was not deleted in the cross-zone load module because the data set containing the cross-zone is unavailable at this time.

System action: Command processing continues with the next cross-zone.

Programmer response: Use information from this message to determine which cross-zone update was not done, and create a link-edit job outside of SMP/E to remove the module from the cross-zone load module.

GIM69117W MOD *modname* IN ZONE *zonename1* WILL NOT BE REPLACED IN LMOD *lmodname* IN ZONE *zonename2* BECAUSE OF A PREVIOUS ERROR.

Explanation:

modname

MOD name

zonename1

set-to zone name

lmodname
 LMOD name
zonename2
 cross-zone name

SMP/E processing has replaced the indicated module, which is contained in a cross-zone load module. The module was not replaced in the cross-zone load module because of a previous error in SMP/E processing.

System action: Command processing continues.

Programmer response: Use information from this message to determine which cross-zone update was not done, and create a LINK MODULE command to update the indicated load module.

GIM69118W ZAP FOR MOD *modname* IN ZONE *zonename1* WILL NOT BE INCLUDED IN LMOD *lmodname* IN ZONE *zonename2* BECAUSE OF A PREVIOUS ERROR.

Explanation:

modname
 MOD name
zonename1
 set-to zone name
lmodname
 LMOD name
zonename2
 cross-zone name

SMP/E processing has updated the indicated module, which is contained in a cross-zone load module. The module was not updated in the cross-zone load module because of a previous error in SMP/E processing.

System action: Command processing continues.

Programmer response: Use information from this message to determine which cross-zone update was not done, and create a LINK MODULE command to update the indicated load module.

GIM69119W MOD *modname* IN ZONE *zonename1* WILL NOT BE DELETED FROM LMOD *lmodname* IN ZONE *zonename2* BECAUSE OF A PREVIOUS ERROR.

Explanation:

modname
 MOD name
zonename1
 set-to zone name
lmodname
 LMOD name
zonename2
 cross-zone name

SMP/E processing has deleted the indicated module, which is contained in a cross-zone load module. The module was not deleted in the cross-zone load module because of a previous error in SMP/E processing.

System action: Command processing continues.

Programmer response: Use information from this message to determine which cross-zone update was not done, and create a link-edit job outside of SMP/E to remove the module from the cross-zone load module.

GIM69120W SMP/E WAS UNABLE TO UPDATE MOD ENTRY *entname* IN ZONE *zonename* TO SHOW THAT LMOD *loadmod1* WAS RENAMED TO *loadmod2* BECAUSE OF A PREVIOUS ERROR.

Explanation:

entname
 MOD name
zonename
 cross-zone name

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loadmod1

LMOD name

loadmod2

new LMOD name

SMP/E processing has renamed the indicated load module, which contains cross-zone modules. The cross-zone module entries were not updated with the new load module name because of a previous error in SMP/E processing.

System action: Command processing continues.

Programmer response: Use information from this message to determine which cross-zone update was not done, and create an SMP/E UCLIN command to update the module entry in the cross-zone.

GIM69121W MOD *modname* IN ZONE *zonename1* WILL NOT BE UPDATED IN LMOD *lmodname* IN ZONE *zonename2* BECAUSE CROSS-ZONE UPDATES ARE BEING DEFERRED.

Explanation:

modname

MOD name

zonename1

set-to zone name

lmodname

LMOD name

zonename2

cross-zone name

The indicated module has been changed by SMP/E and is contained in a cross-zone load module. However, the cross-zone load module was not updated with the new version of this module because cross-zone updates are being deferred.

System action: Command processing continues.

Programmer response: Use the LINK MODULE command to update the cross-zone load module.

GIM69122S AN I/O ERROR OCCURRED WHEN SMP/E WAS TRYING TO LOCATE LMOD *loadmod* FROM ZONE *zonename* IN SYSLIB *dataset*.

Explanation:

loadmod LMOD name

zonename

cross-zone name

dataset ddname of the SYSLIB data set

SMP/E was unable to complete cross-zone update processing for the indicated load module because of an I/O error.

System action: Command processing fails.

Programmer response: Fix the I/O error. Use the Cross-Zone Summary report and the MOVE/RENAME/DELETE report to determine which cross-zone work was not done and which action you may have to take to complete the cross-zone work.

GIM69123W MOD *modname* IN ZONE *zonename1* DOES NOT REFER TO LMOD *lmodname1* IN ZONE *zonename2*. MOD *modname* IN ZONE *zonename1* WILL NOT BE UPDATED TO SHOW THAT LMOD *lmodname1* WAS RENAMED TO *lmodname2*.

Explanation:

modname

MOD name

zonename1

cross-zone name

lmodname1

LMOD name

zonename2
 set-to zone name
lmodname2
 new LMOD name

The indicated module has been renamed by SMP/E and contains cross-zone modules. However, the cross-zone MOD entry does not indicate that it is contained in the load module. The cross-zone MOD entry will not be updated to show the new load module name.

System action: Command processing continues.

Programmer response: If the cross-zone module should be updated, use the UCLIN command to update the load module name in the MOD entry.

GIM69124I *command* PROCESSING FOR THE SET-TO ZONE IS COMPLETE. THE HIGHEST RETURN CODE WAS *rtncode*.

Explanation:

command
 an SMP/E command (APPLY or RESTORE)
rtncode the highest return code for processing being done for the set-to zone

This message indicates the highest return code for processing being done in the set-to zone.

System action: The return code determines the system action.

Programmer response: See the return codes for this command to determine the success or failure of the command.

GIM69125I *command* CROSS-ZONE PROCESSING IS COMPLETE. THE HIGHEST RETURN CODE WAS *rtncode*.

Explanation:

command
 an SMP/E command (APPLY or RESTORE)
rtncode the highest return code for the cross-zone phase of the command being processed

This message indicates the highest return code for the cross-zone phase of APPLY or RESTORE processing.

System action: The return code determines the system action.

Programmer response: See the return codes for this command to determine the success or failure of the command.

GIM69126S MOD *modname* IN ZONE *zonename1* IS NEEDED FOR LINK PROCESSING BUT IS NOT INSTALLED IN A SYSTEM LIBRARY.

Explanation:

modname
 MOD name
zonename1
 cross-zone name

SMP/E used the DLIB entry corresponding to the MOD entry DISTLIB value for the indicated module in order to find a copy of the module. However, the module was not found in any of the SYSLIBs specified in the DLIB entry.

System action: The LINK MODULE command is terminated.

Programmer response: Check that the MOD entry for the module specifies the correct DISTLIB value and that the DLIB entry specifies the correct SYSLIBs.

GIM69127W LMOD *loadmod* IS NEEDED TO COMPLETE CROSS-ZONE PROCESSING FOR MOD *modname* BUT IT DOES NOT EXIST IN ZONE *zonename*.

Explanation:*loadmod* LMOD name*modname*

MOD name

zonename

set-to zone name

From the set-to zone MOD entries, SMP/E determined that the indicated LMOD contained a usable copy of MOD *modname*. However, SMP/E could not find an LMOD entry for *loadmod*.

System action: Command processing continues.

Programmer response: Subsequent messages (GIM69059W or GIM69060W) identify the actions you must take.

GIM69128I MOD *modname* WILL BE DELETED FROM LMOD *loadmod* IN ZONE *zonename*.

Explanation:*modname*

module name

loadmod load module name*zonename*

cross-zone name

Because the indicated module contains XZLMOD subentries, SMP/E has selected it as a candidate for cross-zone updates during RESTORE processing. If processing is successful, the module is deleted from the indicated load module. (During CHECK processing, this message indicates the cross-zone update processing that would occur.)

System action: Command processing continues.

Programmer response: Use the Element Summary report and messages issued during the cross-zone phase of RESTORE processing to determine if the cross-zone work identified by this message was done.

- If the cross-zone work was not done, you may need to complete it by using a combination of the LINK MODULE command, the UCLIN command, or the linkage editor outside SMP/E.
 - If the cross-zone work was not done but the Element Summary report indicates that the module was **not** successfully deleted, no intervention is required to complete the cross-zone work. This work is done automatically once the module has been successfully deleted by a subsequent RESTORE job.
 - If the cross-zone work was not done and the Element Summary report indicates that the module was successfully deleted, you may need to complete the cross-zone work identified by this message. Use messages issued during the cross-zone phase of command processing to determine what action should be taken.
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GIM69129I MOD *modname* WILL BE REPLACED IN LMOD *loadmod* IN ZONE *zonename*.

Explanation:*modname*

module name

loadmod load module name*zonename*

cross-zone name

Because the indicated module contains XZLMOD subentries, SMP/E has selected it as a candidate for cross-zone updates during RESTORE processing. If processing is successful, the module is replaced in the indicated load module. (During CHECK processing, this message indicates the cross-zone update processing that would occur.)

System action: Command processing continues.

Programmer response: Use the Element Summary report and messages issued during the cross-zone phase of RESTORE processing to determine if the cross-zone work identified by this message was done. If the cross-zone work was not done, you may need to complete it by using a combination of the LINK MODULE command, the UCLIN command, or the linkage editor outside SMP/E.

- If the cross-zone work was not done but the Element Summary report indicates that the module was **not** successfully restored, no intervention is required to complete the cross-zone work. This work is done automatically once the module has been successfully restored.
- If the cross-zone work was not done and the Element Summary report indicates that the module was successfully restored, you may need to complete the cross-zone work identified by this message. Use messages issued during the cross-zone phase of command processing to determine what action should be taken.

GIM69130I MOD *modname* WILL NOT BE DELETED FROM LMOD *loadmod* IN ZONE *zonename*.

Explanation:*modname*

module name

loadmod load module name*zonename*

cross-zone name

The indicated module contains XZLMOD subentries. However, because the module is no longer a candidate for RESTORE processing, it is no longer a candidate for cross-zone update processing. As a result, it will not be deleted from the indicated load module.

System action: Command processing continues.

Programmer response: No action is required. See the RESTORE output for more information about the module status.

GIM69131I MOD *modname* WILL NOT BE REPLACED IN LMOD *loadmod* IN ZONE *zonename*.

Explanation:*modname*

module name

loadmod load module name*zonename*

cross-zone name

The indicated module contains XZLMOD subentries. However, because the module is no longer a candidate for RESTORE processing, it is no longer a candidate for cross-zone update processing. As a result, it is not replaced in the indicated load module.

System action: Command processing continues.

Programmer response: No action is required. See the RESTORE output for more information about the module status.

GIM69132W CROSS-ZONE UPDATES WILL NOT BE MADE TO ZONE *zonename* BECAUSE CROSS-ZONE PROCESSING FOR THIS ZONE IS DEFERRED.

Explanation:*zonename*

cross-zone name

Cross-zone processing was not done for the indicated cross-zone because its TARGETZONE entry has an XZLINK value of DEFERRED.

System action: Processing continues with the next cross-zone.

Programmer response: Use the Cross-Zone Summary report and the MOVE/RENAME/DELETE report to complete the cross-zone work for the indicated zone.

GIM69133W CROSS-ZONE UPDATES WILL NOT BE MADE TO ZONE *zonename* BECAUSE THE CSI DATA SET CONTAINING ZONE *zonename* IS NOT AVAILABLE.

Explanation:

zonename
cross-zone name

Cross-zone processing was not done for the indicated cross-zone because SMP/E could not obtain the data set containing the cross-zone.

System action: Processing continues with the next cross-zone.

Programmer response: Use the Cross-Zone Summary report and the MOVE/RENAME/DELETE report to complete the cross-zone work for the indicated zone.

GIM69134W CROSS-ZONE UPDATES WILL NOT BE MADE TO ZONE *zonename* BECAUSE AN ERROR WAS ENCOUNTERED WHILE PROCESSING THE ZONE.

Explanation:

zonename
cross-zone name

Cross-zone processing was not done for the indicated cross-zone because SMP/E found an error while processing the cross-zone.

System action: Processing continues with the next cross-zone.

Programmer response: Fix the error and use the Cross-Zone Summary report and the MOVE/RENAME/DELETE report to complete the cross-zone work for the indicated zone.

GIM69135W CROSS-ZONE PROCESSING WAS NOT COMPLETED FOR ZONE *zonename* BECAUSE OF A PREVIOUS ERROR.

Explanation:

zonename
cross-zone name

An error prevented SMP/E from completing cross-zone processing for the indicated zone.

System action: Processing continues with the next cross-zone.

Programmer response: Fix the error and use the Cross-Zone Summary report and the MOVE/RENAME/DELETE report to complete the cross-zone work for the indicated zone.

GIM69136W ASSEMBLY *asmname* IN SYSMOD *sysmod* WAS NOT INSTALLED IN ANY TARGET LIBRARY. *asmname* MAY HAVE TO BE UPDATED IN LMOD *loadmod* IN ZONE *zonename*.

Explanation:

asmname
name of assembly
sysmod ID of SYSMOD causing the assembly
loadmod name of cross-zone LMOD
zonename
cross-zone name

The assembly for *asmname* was not done, because SMP/E determined that this module was no longer applicable to the set-to zone (no load module from the set-to zone contains the module). However, this module was previously included in the identified cross-zone load module and may have to be updated in it.

System action: Processing continues.

Programmer response: The module needs to be updated in the cross-zone load module if the module provides additional function that is essential for the operation of the cross-zone load module.

Determine if this module should be updated in the cross-zone load module. If so, do the following:

- If this message was issued during RESTORE processing, use the LINK MODULE command to link the module into the cross-zone load module. LINK uses the module from the distribution library, because no load modules in the target zone contain a usable copy of the module.
- If this message was issued during APPLY processing, do **one** of the following:
 - Accept the SYSMOD causing the assembly. The source is assembled by SMP/E and stored as a single-CSECT load module in the distribution library.
Then use the LINK MODULE command to link the module into the cross-zone load module. LINK uses the module from the distribution library, because no load modules in the target zone contain a usable copy of the module.
 - Do the assembly outside of SMP/E and link-edit the object created into the cross-zone load module.
 - If SYSMOD *sysmod* supplied a source replacement or update, follow these steps to do the assembly:
 1. Obtain an updated copy of the source supplied by SYSMOD *sysmod*.
Use the Element Summary report to determine the SYSLIB of source *asmname* from SYSMOD *sysmod*. This SYSLIB contains an updated copy of the source.
 2. Assemble the source.
 3. Link-edit the module into the cross-zone load module.
 - If SYSMOD *sysmod* supplied a macro replacement or update causing an assembly for *asmname*, follow these steps to do the assembly:
 1. Obtain a copy of the source. Choose the first match from the ASSEM entry, SRC entry, or member in the DISTSRC data set (in this order).
 2. Assemble the source. Include the SMPMTS at the beginning of the SYSLIB concatenation if the changed macro does not exist in any target library.
 3. Link-edit the module into the cross-zone load module.

GIM69137S USERID *userid* IS NOT AUTHORIZED TO ACCESS KEY RING *keyring*.

Explanation:

userid userid associated with the address space where the SMP/E job is running
keyring key ring name specified in the ORDERSERVER data set

SMP/E attempted to access the specified key ring but the indicated userid associated with the address space where the SMP/E job was running is not authorized to do so. The indicated userid may not have authority to access any key rings defined in your Security Manager, or the userid may not have authority to access the indicated key ring if it is associated with a different userid.

System action: Command processing terminates.

Programmer response: Do the following and rerun the job:

- Ensure the userid associated with the address space where SMP/E is running has the appropriate authority to access the key ring in your Security Manager, or run the SMP/E job using a different userid that does have the appropriate authority.
- If the desired key ring is associated with a userid other than the indicated userid, then the key ring name specified in the ORDERSERVER data set must be prefixed with the associated userid. That is, use **keyring="userid/keyring name"**.

For more information on setting up the necessary profiles in your Security Manager, and defining keyrings and certificates to use the RECEIVE ORDER command, see "Preparing to Use Internet Service Retrieval" in *SMP/E for z/OS User's Guide*.

GIM69138W LMOD *loadmod* WAS NOT DELETED FROM LIBRARY *library* BY SYSMOD *sysmod* BECAUSE *loadmod* DOES NOT EXIST IN LIBRARY *library*.

Explanation:

loadmod name of LMOD
library ddname of library
sysmod ID of the SYSMOD

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There was an entry for the indicated LMOD in the zone, but the LMOD does not exist in the specified target library. It may have been moved, renamed or deleted outside of SMP/E, or its entry may have been created using UCLIN or JCLIN.

System action: Processing continues.

Programmer response: None.

GIM69139W LOAD MODULE *loadmod* IN SYSLIB *syslib* DOES NOT INCLUDE MODULE *modname* IN ZONE *zonename* BECAUSE *modname* IS A CROSS-ZONE MODULE.

Explanation:

loadmod load module name

syslib ddname of library

modname

module name

zonename

zone name

The indicated load module is supposed to contain the indicated cross-zone module. However, because the load module needed to be completely rebuilt, the cross-zone module was not included in the load module.

System action: Processing continues.

Programmer response: After the load module has been successfully link-edited, run the LINK MODULE command to include the indicated cross-zone module.

GIM69140I ALLOCATION WAS NOT ATTEMPTED FOR A CALLLIBS CONCATENATION BECAUSE A PREVIOUS ALLOCATION ATTEMPT IN THIS ZONE FAILED.

Explanation: Although a CALLLIBS concatenation was required for command processing, SMP/E did not try to dynamically allocate it because a previous allocation attempt for the concatenation failed. During processing, SMP/E keeps track of all dynamic allocation attempts from one SET command to the next. When an allocation fails, SMP/E does not try that allocation again. The next SET command, however, resets the allocation history and lets SMP/E try the allocation again.

System action: A subsequent message identifies the system action.

Programmer response: Ensure that DDDEF entries for all the CALLLIBS needed are correctly specified in the zone. Then issue another SET command and rerun the failing command.

GIM69140W ALLOCATION WAS NOT ATTEMPTED FOR A CALLLIBS CONCATENATION BECAUSE A PREVIOUS ALLOCATION ATTEMPT IN THIS ZONE FAILED.

Explanation: Although a CALLLIBS concatenation was required for command processing, SMP/E did not try to dynamically allocate it because a previous allocation attempt for the concatenation failed. During processing, SMP/E keeps track of all dynamic allocation attempts from one SET command to the next. When an allocation fails, SMP/E does not try that allocation again. The next SET command, however, resets the allocation history and lets SMP/E try the allocation again.

System action: A subsequent message identifies the system action.

Programmer response: Ensure that DDDEF entries for all the CALLLIBS needed are correctly specified in the zone. Then issue another SET command and rerun the failing command.

GIM69140E ALLOCATION WAS NOT ATTEMPTED FOR A CALLLIBS CONCATENATION BECAUSE A PREVIOUS ALLOCATION ATTEMPT IN THIS ZONE FAILED.

Explanation: Although a CALLLIBS concatenation was required for command processing, SMP/E did not try to dynamically allocate it because a previous allocation attempt for the concatenation failed. During processing, SMP/E keeps track of all dynamic allocation attempts from one SET command to the next. When an allocation fails, SMP/E does not try that allocation again. The next SET command, however, resets the allocation history and lets SMP/E try the allocation again.

System action: A subsequent message identifies the system action.

Programmer response: Ensure that DDDEF entries for all the CALLLIBS needed are correctly specified in the zone. Then issue another SET command and rerun the failing command.

GIM69140S ALLOCATION WAS NOT ATTEMPTED FOR A CALLIBS CONCATENATION BECAUSE A PREVIOUS ALLOCATION ATTEMPT IN THIS ZONE FAILED.

Explanation: Although a CALLIBS concatenation was required for command processing, SMP/E did not try to dynamically allocate it because a previous allocation attempt for the concatenation failed. During processing, SMP/E keeps track of all dynamic allocation attempts from one SET command to the next. When an allocation fails, SMP/E does not try that allocation again. The next SET command, however, resets the allocation history and lets SMP/E try the allocation again.

System action: A subsequent message identifies the system action.

Programmer response: Ensure that DDDEF entries for all the CALLLIBS needed are correctly specified in the zone. Then issue another SET command and rerun the failing command.

GIM69140T ALLOCATION WAS NOT ATTEMPTED FOR A CALLIBS CONCATENATION BECAUSE A PREVIOUS ALLOCATION ATTEMPT IN THIS ZONE FAILED.

Explanation: Although a CALLIBS concatenation was required for command processing, SMP/E did not try to dynamically allocate it because a previous allocation attempt for the concatenation failed. During processing, SMP/E keeps track of all dynamic allocation attempts from one SET command to the next. When an allocation fails, SMP/E does not try that allocation again. The next SET command, however, resets the allocation history and lets SMP/E try the allocation again.

System action: A subsequent message identifies the system action.

Programmer response: Ensure that DDDEF entries for all the CALLLIBS needed are correctly specified in the zone. Then issue another SET command and rerun the failing command.

GIM69141W THE LINK-EDIT OF LMOD *loadmod* FROM ZONE *zonename* WAS NOT ATTEMPTED BECAUSE LMOD *loadmod* IS NOT IN THE SMPLTS.

Explanation:

loadmod load module name
zonename
 zone name

The indicated LMOD does not exist in the SMPLTS data set. SMP/E needs the SMPLTS version of the LMOD to do the link edit of this LMOD into its system library.

System action: The system action depends on the processing being done when the message is issued:

- If it is issued during APPLY or RESTORE cross-zone processing, the cross-zone update processing for the LMOD is not done.
- If it is issued by LINK MODULE command processing, LINK processing stops for that LMOD.

Programmer response: Correct the error identified in the associated SMP/E link-edit (GIM239xx) message.

GIM69141E THE LINK-EDIT OF LMOD *loadmod* FROM ZONE *zonename* WAS NOT ATTEMPTED BECAUSE LMOD *loadmod* IS NOT IN THE SMPLTS.

Explanation:

loadmod load module name
zonename
 zone name

The indicated LMOD does not exist in the SMPLTS data set. SMP/E needs the SMPLTS version of the LMOD to do the link edit of this LMOD into its system library.

System action: SYSMOD processing stops. This is indicated in a subsequent message.

Programmer response: Correct the error identified in the associated SMP/E link-edit (GIM239xx) message.

GIM69142I OPEN PROCESSING FOR ZONE *zonename* IN DATA SET *dataset* FAILED BECAUSE LSR WAS SPECIFIED AND THE LARGEST BUFFER SIZE IN THE CURRENT POOL WAS EXCEEDED.

Explanation:

zonename

name of the zone to be opened

dataset ddname of the CSI data set containing the zone to be opened

SMP/E was not able to open the indicated zone, because the CSI data set containing the zone takes advantage of local shared resources (LSR) and the control interval size of the data set exceeds the largest buffer size in the current pool.

System action: SMP/E issues another OPEN for the CSI data set, but without specifying LSR.

Programmer response: No action is required, unless you want SMP/E to be able to use local shared resources (LSR) and VSAM resource pools when opening CSI data sets. In this case, ensure that all CSI data sets have the same data CI size and index CI size.

GIM69143I SMP/E SUCCESSFULLY OPENED DATA SET *zonename* WITHOUT LSR TO COMPLETE COMMAND PROCESSING.

Explanation:

zonename

name of the zone to be opened

SMP/E was previously not able to open the indicated CSI data set, because that data set takes advantage of local shared resources (LSR) and the control interval size of the data set exceeds the largest buffer size in the current pool.

SMP/E successfully issued another OPEN for the CSI data set, but without specifying LSR.

System action: Processing continues.

Programmer response: No action required.

GIM69144I ORDER *entname* IS READY FOR DOWNLOAD.

Explanation:

entname

ORDER entry name

The specified order has been fulfilled and a HOLDDATA or PTF package is ready for download.

System action: RECEIVE command processing continues.

Programmer response: None.

GIM69145W NO PTFS SATISFIED THE SELECTION CRITERIA FOR ORDER *entname*. ORDER *entname* WILL BE MODIFIED AND RESENT TO THE SERVER TO OBTAIN HOLDDATA.

Explanation:

entname

ORDER entry name

The operands that you specify on the RECEIVE ORDER command determine which PTF SYSMODs are selected when the order is fulfilled by the server. The operands used to place the indicated order resulted in no PTF SYSMODs being selected. Therefore, there is no PTF package to download for the indicated order.

Note: This might happen if one of the following situations occur:

- The PTF SYSMODs that would have been selected already exist in the global or target zones.
- The PTF SYSMODs that would have been selected are not applicable to the global or target zones.
- No APARs or PTFs remained in the CONTENT operand list after removing those that could not be found on the server. (Message GIM69230E or GIM69231E precede this message if this is the case.)

Typically, all HOLDDATA that was created in the last two years is included with each PTF package. Because there was no package to download, SMP/E modifies the order and resends it to the server to obtain HOLDDATA only.

Note: If the HOLDDATA selection operand is not specified or implied by default on the RECEIVE command, then the resulting package of HOLDDATA is downloaded but is not received.

System action: RECEIVE command processing continues.

Programmer response: Ensure you specified the correct operands on the RECEIVE ORDER command when the order was sent to the server.

GIM69146S RECEIVE ORDER PROCESSING HAS FAILED. THE PACKAGE FOR ORDER ENTRY *entname* HAS ALREADY BEEN DOWNLOADED.

Explanation:

entname

ORDER entry name

The subject ORDER entry name was specified on the PENDING operand of the RECEIVE ORDER command to instruct SMP/E to download the HOLDDATA or PTF package for the pending order. However, the package for the order has already been downloaded and the order's status is DOWNLOADED.

System action: Command processing stops.

Programmer response: Ensure you specified the correct ORDER entry name and rerun the job.

GIM69147S SMP/E WAITED *min* MINUTES BUT ORDER *entname* IS NOT READY FOR DOWNLOAD FROM THE SERVER AT *location*. IT WILL BE AT LEAST *remainmin* MINUTES BEFORE THE ORDER IS READY.

Explanation:

min the time SMP/E has been waiting

entname

ORDER entry name

location URL for the server

remainmin

time remaining until the order is ready

The RECEIVE ORDER command waited for the indicated order, but the order is still not ready for download. SMP/E will wait no longer. The WAIT operand on the RECEIVE ORDER command indicates how long SMP/E is to wait until an order is ready for download. This includes the time associated with connecting to the order server and preparing the package for downloading. If the WAIT operand is not specified, then RECEIVE ORDER waits up to 120 minutes.

System action: RECEIVE ORDER processing stops for the indicated order.

Programmer response: To download the package for the pending order from the server, submit a RECEIVE ORDER PENDING job after the indicated remaining wait time has elapsed.

GIM69148S KEY RING *keyring* ASSOCIATED WITH USERID *userid* WAS NOT FOUND.

Explanation:

keyring key ring name specified in the ORDERSERVER data set

userid the userid associated with the address space where the SMP/E job was running, or the userid prefix specified with the key ring name in the ORDERSERVER data set.

The key ring specified in the ORDERSERVER data set was either not defined in the Security Manager, or is defined but associated with another userid. If the desired key ring is defined and associated with a userid other than the indicated userid, then the key ring name specified in the ORDERSERVER data set must be prefixed with the associated userid.

System action: Command processing terminates.

Programmer response: Do the following and rerun the job:

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- Ensure the key ring is defined in your Security Manager. If you use the z/OS Security Server (RACF), then ensure that you use the following RACDCERT command.
RACDCERT ID(*userid*) LISTRING(*keyring*)
- Ensure the key ring name was specified correctly in the ORDERSERVER data set.
- If the key ring is associated with a userid other than the userid associated with the address space where the SMP/E job was run, then ensure the key ring name specified in the ORDERSERVER data set is prefixed with the key ring's associated userid. That is, use **keyring="userid/keyring name"**.

See *SMP/E for z/OS User's Guide*, "Preparing to Use Internet Service Retrieval" for details on setting up the necessary profiles in your Security Manager, and defining key rings and certificates to use the RECEIVE ORDER command.

GIM69149W CALLLIBS COULD NOT BE ALLOCATED FOR LMOD *loadmod* IN ZONE *zonename*.

Explanation:

loadmod load module name

zonename

zone name

During processing for the LINK MODULE command, the CALLLIBS for the indicated LMOD could not be allocated. A previous message describes the specific allocation error.

System action: SMP/E continues looking for additional errors.

Programmer response: Correct the error identified in the earlier message.

GIM69149E CALLLIBS COULD NOT BE ALLOCATED FOR LMOD *loadmod* IN ZONE *zonename*.

Explanation:

loadmod load module name

zonename

zone name

The CALLLIBS for the indicated LMOD could not be allocated. A previous message describes the specific allocation error.

System action: SYSMOD processing stops.

Programmer response: Correct the error identified in the earlier message.

GIM69150W ZAP PROCESSING WAS NOT DONE FOR LMOD *loadmod* IN THE SMPLTS BECAUSE THE LMOD DOES NOT EXIST IN THE SMPLTS.

Explanation:

loadmod load module name

Because the load module being zapped has CALLLIBS, the base version of the load module in the SMPLTS needed to be zapped as well. However, the load module does not exist in the SMPLTS.

System action: Processing continues.

Programmer response: None.

GIM69151I DYNAMIC DEALLOCATION WAS SUCCESSFUL FOR THE *library* CONCATENATION.

Explanation:

library ddname of concatenated library

SMP/E successfully freed the indicated library.

System action: Processing continues.

Programmer response: None.

GIM69152I PROGRAM *progrname* MAY BE REQUIRED FOR SMP/E PROCESSING BUT IS NOT AVAILABLE.

Explanation:*progrname*

utility program name

SMP/E could not find the indicated program, which it may need for processing.

System action: Processing continues.

Programmer response: None.

GIM69153E PATH MUST END WITH A SLASH ("/").

Explanation: The PATH name specified in the UCL statement did not end with the required delimiter, a slash ("/").

System action: SMP/E does not process any of the changes for this UCL statement.

Programmer response: Fix the UCL statement and rerun the job.

GIM69153S THE PATH FROM_VALUE MUST END WITH A SLASH ("/").

Explanation: The path name specified as the from_value on the CHANGE statement did not end with the required delimiter, a slash ("/"). The path name of the from_value must end in a slash when a full path name is specified.

System action: For the CHANGE statement of the ZONEEDIT command, this CHANGE statement and remaining CHANGE statements, up to the ENDZEDIT command, are not processed.

Programmer response: Fix the CHANGE statement and rerun the job.

GIM69154E PATH IS NOT ALLOWED WITH ANY OTHER DDDEF SUBENTRIES.

Explanation: One of the following errors occurred:

- Other operands were specified on a UCL statement to update an existing DDDEF entry containing the PATH subentry.
- The PATH operand was specified on a UCL statement to update an existing DDDEF entry containing other subentries.
- The PATH operand was specified along with other DDDEF subentry operands on the current UCL statement.

None of these combinations are allowed.

System action: SMP/E does not process any of the changes for this UCL statement.

Programmer response: Fix the UCL statement and rerun the job.

GIM69155E *command* PROCESSING FAILED FOR SYSMOD *sysmod*. *sysmod* INCLUDES *elmttype* *elmname* BUT THE HFSCOPY UTILITY *progrname* WAS NOT AVAILABLE.

Explanation:*command*

SMP/E command

sysmod SYSMOD ID*elmttype* element type*elmname*

element name

progrname

utility program name

SMP/E could not find the HFSCOPY utility that is needed to process the indicated element.

System action: SYSMOD processing stops.

Programmer response: Do one of the following:

- If the program is not available, add it to the JOBLIB, STEPLIB, LINKLIB, or LPALIB data set. Then rerun the job.

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- If you specified an incorrect utility name, correct it and rerun the job.

GIM69156E *command* PROCESSING FAILED FOR SYSMOD *sysmod*. *sysmod* INCLUDES *elmtyp*e *elmname* BUT THE HFSCOPY UTILITY *progrname* WAS NOT DEFINED IN GIMUTTBL.

Explanation:

command

SMP/E command

sysmod SYSMOD ID

*elmtyp*e element type

elmname

element name

progrname

utility program name

System action: SYSMOD processing stops.

Programmer response: If you want to define the program for the indicated utility, add it to GIMUTTBL, then rerun the job. For more information, see the GIMUTTBL chapter in *SMP/E for z/OS Reference*.

GIM69157T THE *service* CALLABLE SERVICE IS NEEDED TO PROCESS FILE *filename* IN LIBRARY *library* BUT IS NOT AVAILABLE.

Explanation:

service callable service name

filename file name

library ddname of library being processed

SMP/E could not find the indicated callable service that is needed to process the file.

System action: Command processing stops.

Programmer response: Ensure that OS/390 or z/OS UNIX System Services is installed and available.

GIM69158I *progrname* WAS NOT ABLE TO SET THE EFFECTIVE UID AND REAL UID TO 0. THIS IS NORMAL IF THE CURRENT UID IS NOT AUTHORIZED TO THE BPX.SUPERUSER FACILITY CLASS PROFILE. CALLABLE SERVICE BPX1SRU GAVE A RETURN CODE OF '*rtncode*'X WITH A REASON CODE OF '*rsncode*'X.

Explanation:

progrname

program name

rtncode return code from BPX1SRU callable service in hexadecimal

rsncode reason code from BPX1SRU callable service in hexadecimal

System action: Processing continues.

Programmer response: If the user of the running program is intended to be authorized to set the effective UID and real UID to 0, see *z/OS UNIX System Services Programming: Assembler Callable Services Reference* to determine the meaning of the return code and reason code given by the BPX1SRU callable service and correct the indicated problem. Otherwise, no action is required.

GIM69159S *command* PROCESSING HAS FAILED. THE SERVER AT *location* IS NOT RESPONDING.

Explanation:

command

SMP/E command

location URL for the server

Command processing timed out before receiving a response from the indicated server. The server may not be operational or the connection may have been lost.

System action: Command processing terminates.

Programmer response: Verify the indicated server is operational and rerun the job.

GIM69160S *command* **PROCESSING HAS FAILED. THE SERVER AT *location* IS RESPONDING BUT REQUIRED FUNCTIONS ARE NOT AVAILABLE.**

Explanation:

command

SMP/E command

location URL for the server

The indicated server is not able to process the request from SMP/E. The server may not be operational at this time. Subsequent messages provide more details about the server's response, and the complete request and response information is written to the print file for the HFSCOPY utility (SYSPRINT is SMP/E's default print file, and is used if no PRINT subentry was specified in the active UTILITY entry for the HFSCOPY utility).

System action: Command processing terminates.

Programmer response: Rerun the job. If the error persists, contact the IBM support center and be prepared to provide the response information written to the print file. In the mean time, try running the job again, but use the alternate url for the server: <https://eccgw02.rochester.ibm.com/services/projects/ecc/ws/>.

GIM69161T *FILE filename* **WAS NOT REMOVED FROM THE *library* LIBRARY. THE RETURN CODE FROM THE *service* SERVICE WAS *rtncode* AND THE REASON CODE WAS *rsncode*.**

Explanation:

filename file name

library ddname of library being processed

service callable service name

rtncode return code

rsncode reason code

SMP/E attempted to remove the file from the indicated library, but the callable service was unsuccessful.

System action: Command processing stops.

Programmer response: Look in *z/OS UNIX System Services Programming: Assembler Callable Services Reference* to determine the cause of the error. Correct the error, and rerun the job.

GIM69162I *FILE filename1* **WAS RENAMED TO *filename2* IN THE *library* LIBRARY.**

Explanation:

filename1

file name

filename2

new file name

library ddname of library being processed

SMP/E renamed the specified file in the indicated library.

System action: Processing continues.

Programmer response: None.

GIM69163T *FILE filename1* **COULD NOT BE RENAMED TO *filename2* IN THE *library* LIBRARY. THE RETURN CODE FROM THE *service* SERVICE WAS *rtncode* AND THE REASON CODE WAS *rsncode*.**

Explanation:

filename1

file name

filename2

new file name

library ddname of library being processed

service callable service name

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rtncode return code
rsncode reason code

SMP/E attempted to rename the file in the indicated library, but the callable service was unsuccessful.

System action: Command processing stops.

Programmer response: Look in *z/OS UNIX System Services Programming: Assembler Callable Services Reference* to determine the cause of the error. Correct the error, and rerun the job.

GIM69164E THE *subtype* VALUE ON THE *stattype* STATEMENT FOR *enttype entname* EXCEEDS THE *maxlen* CHARACTER MAXIMUM.

Explanation:

subtype subentry type
stattype statement type (UCLIN or MCS)
enttype entry type
entname entry name
maxlen maximum length allowed for the specified subentry type

The value specified for the indicated operand is longer than the maximum length allowed for the subentry or the specified value is missing a parenthesis.

System action: Processing depends on type of statement:

- For a UCLIN statement, SMP/E does not process the UCLIN update for the entry.
- For an MCS statement, command processing stops for the SYSMOD containing the MCS statement.

Programmer response: Specify a shorter name for the subentry or supply the missing parenthesis.

GIM69164S THE PATH VALUE ON THE CHANGE STATEMENT EXCEEDS THE 255-CHARACTER MAXIMUM.

Explanation: The value specified for the PATH operand is longer than the maximum length allowed for the subentry.

System action: This CHANGE statement of the ZONEEDIT statement and remaining CHANGE statements, up to the ENDZEDIT command, are not processed.

Programmer response: Specify a shorter path name.

GIM69165I SMP/E COULD NOT OBTAIN ENOUGH STORAGE FOR ENHANCED PERFORMANCE PROCESSING. SMP/E WILL CONTINUE PROCESSING IN A DEGRADED MODE.

Explanation: SMP/E could not allocate enough storage for the internal tables that it uses to improve performance.

System action: Processing continues.

Programmer response: If you want better performance from SMP/E, you should increase the storage available above the 16M line.

Note: To enable the SMP/E job step to get the maximum space above the 16M line, you can specify REGION=0M. The JOB statement (or the EXEC statement, or both) can also include the REGION parameter to set the size of the region in which SMP/E runs. For details, see *z/OS MVS JCL User's Guide* or *z/OS MVS JCL Reference*.

GIM69166W THE SYSLIB ALLOCATION IN STEP *stepname* OF JOB *jobname* SPECIFIED DUPLICATE DDNAME *duplname*. THE DUPLICATE DDNAME IS IGNORED.

Explanation:

stepname step name or NONAME
jobname job name or NONAME
duplname low-level data set qualifier for the duplicate SYSLIB ddname

During JCLIN processing, SMP/E found a duplicate low-level data set qualifier in a SYSLIB concatenation. This low-level qualifier is used as the ddname for an LMOD's CALLLIBS subentry.

System action: SMP/E saves only the first occurrence of the duplicate ddname in the LMOD's CALLLIBS concatenation.

Programmer response: Verify the SYSLIB allocation, then correct the error and rerun the job if necessary.

GIM69167I HFSCOPY PROCESSING TO THE *library* LIBRARY WAS SUCCESSFUL FOR *enttype entname* IN SYSMOD *sysmod*. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

library ddname of library where element was installed

enttype entry type

entname

entry name

sysmod SYSMOD ID

rtncode return code

yy year

ddd Julian day

hh military hour

mm minutes

ss seconds

seqno utility sequence number

The indicated element was successfully installed.

System action: Processing continues.

Programmer response: None.

GIM69167W HFSCOPY PROCESSING TO THE *library* LIBRARY WAS SUCCESSFUL FOR *enttype entname* IN SYSMOD *sysmod*. THE RETURN CODE WAS *rtncode*. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

library ddname of library where element was installed

enttype entry type

entname

entry name

sysmod SYSMOD ID

rtncode return code

yy year

ddd Julian day

hh military hour

mm minutes

ss seconds

seqno utility sequence number

Because the return code from HFS copy utility processing did not exceed the maximum acceptable return code, processing was considered successful for the indicated element, which was part of SYSMOD *sysmod*. However, because the return code from HFS copy processing was not zero, processing may not have produced results that you consider acceptable. The utility sequence number matches the sequence number on the utility's SYSPRINT output.

System action: Processing continues.

Programmer response: Check the HFS copy SYSPRINT output to determine whether the results are what you consider acceptable.

- If the results are acceptable, no further action is necessary.
- If the results are not acceptable, you must take post-installation steps to achieve acceptable results.

GIM69168E HFSCOPY PROCESSING TO THE *library* LIBRARY FAILED FOR *enttype entname* IN SYSMOD *sysmod*. THE RETURN CODE (*rtncode*) EXCEEDED THE ALLOWABLE VALUE. DATE *yy.ddd* - TIME *hh:mm:ss* - SEQUENCE NUMBER *seqno*.

Explanation:

library ddname of library where element was to be installed
enttype entry type
entname entry name
sysmod SYSMOD ID
rtncode return code
yy year
ddd Julian day
hh military hour
mm minutes
ss seconds
seqno utility sequence number

HFSCOPY processing failed for the indicated element.

System action: SYSMOD processing stops because the return code was not 0, and **one** of the following is true:

- The return code is greater than the maximum return code specified in the UTILITY entry.
- The return code is greater than the default return code.

Programmer response: Check the utility output in the print output data set to find the cause of the error. The sequence number may be used as an index into the print output data set. This number is incremented for each utility call in an SMP/E run. Fix the error and rerun the job.

GIM69169W THE GLOBAL ZONE IS NOT ALLOWED FOR THE ZONES OPERAND OF THE REPORT CALLLIBS COMMAND.

Explanation: The global zone is specified on the ZONES operand of the REPORT CALLLIBS command, or the global zone is contained in a ZONESET that is specified on the REPORT CALLLIBS command.

System action: SMP/E ignores the global zone and continues processing.

Programmer response: None.

GIM69170I ALTHOUGH THE *dataset* DATA SET WAS NOT ALLOCATED, PROCESSING WILL CONTINUE FOR THE *command* COMMAND. HOWEVER, NO OUTPUT WILL BE WRITTEN TO THE *dataset* DATA SET.

Explanation:

dataset ddname of the data set for which allocation failed
command command being processed at the time of failure

The data set could not be allocated because there was no DDDEF entry or JCL DD statement defining it.

System action: Processing continues, but output is not generated to the *dataset* data set.

Programmer response: If you want output to be generated to the *dataset* data set, define a DD statement or DDDEF entry for the *dataset* data set, and rerun the job.

GIM69171E AN ERROR OCCURRED DURING REPORT CALLLIBS GENERATION OF STEP *stepname* IN JOB *jobname*. THE LINK-EDIT PARAMETER STRING WAS TRUNCATED BECAUSE IT EXCEEDS THE 100-CHARACTER MAXIMUM.

Explanation:

stepname name of the generated step with the erroneous parameter string
jobname name of the generated job with the erroneous parameter string

Because the binder is not the link-edit utility being used, the length of the link-edit parameter string cannot exceed 100 characters. However, the parameters specified in the LMOD entry and linkage editor UTILITY entry, combined with CALL, exceed the 100-character maximum.

System action: The parameter string is truncated after 100 characters.

Programmer response: Edit the link-edit parameter string for generated step *stepname* in job *jobname* before executing the JCL to ensure that it is correct and valid.

Link-edit parameter information from the LMOD entry and the linkage editor UTILITY entry, as well as the link-edit CALL parameter, should be considered when editing the link-edit parameter string.

GIM69172E THE JOBCARD OPERAND IS MISSING FROM THE *command* COMMAND. A COMMENT WILL TAKE THE PLACE OF THE JOB STATEMENT IN THE GENERATED JCL.

Explanation:

command

command being processed at the time of failure and from which the JOBCARD operand is missing

JOBCARD is a required operand for this command when NOPUNCH is not specified and when one of the zones being processed is a target type zone.

System action: SMP/E generates a JCL comment in place of the jobcard in the generated JCL. Command processing continues, but the output job does not run unless you fix the error.

Programmer response: Do **one** of the following:

- Add the missing operand and rerun the command.
- Edit the JCL output to add the required JCL statement in place of the comment.

GIM69173S *command* PROCESSING HAS FAILED. THE CLIENT CERTIFICATE IS NOT VALID.

Explanation:

command

SMP/E command

The client certificate associated with the userid running the job and the keyring specified in the ORDERSERVER data set is not valid. The certificate is either not valid for the server, or is physically corrupted and unrecognizable.

System action: Command processing terminates.

Programmer response: Ensure the client certificate was loaded properly and the correct keyring is specified in the ORDERSERVER data set, then rerun the job.

GIM69174E THE SPECIFIED CHANGES WERE NOT PROCESSED. BECAUSE THE ENTRY CONTAINS A DATASET SUBENTRY, IT MUST ALSO CONTAIN A VALUE FOR THE INITIAL DISPOSITION.

Explanation: When a DDDEF entry contains a DATASET subentry, it must also specify the initial disposition of the data set (NEW, OLD, MOD, or SHR). When processing the specified changes, SMP/E noticed that the DDDEF entry contains a DATASET subentry but no initial disposition. This discrepancy may have been caused either by the UCL statement being processed or by changes made with an earlier level of SMP/E.

System action: SMP/E ignores the UCL statement and does not change the entry. Processing continues with the next UCL statement.

Programmer response: Correct the UCL statement so that if the updated version of the DDDEF entry will contain a DATASET subentry, it also contains a value for the initial disposition. Then rerun the statement.

GIM69175W THE BASE VERSION OF LOAD MODULE *loadmod* WAS DELETED FROM THE SMP/LS LIBRARY. THE EXECUTABLE VERSION OF THAT LOAD MODULE IN ITS TARGET LIBRARIES MAY INCLUDE MODULES FROM THE CALLIBS LIBRARIES.

Explanation:

loadmod load module name

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SMP/E deleted the base version of the indicated load module from the SMPLTS, because it was built during the installation of a SYSMOD that is now being restored. The executable version of this load module in its target libraries may contain modules that were included by the automatic library call mechanism when the load module was link-edited during APPLY processing of the SYSMOD.

System action: Processing continues.

Programmer response: No action is required. Modules included by the automatic library call mechanism may continue to function in the load module if there are still external references to them. If these modules are no longer referenced in the load module, they become inactive code in the load module.

GIM69176T FILE *filename* COULD NOT BE ACCESSED IN THE *library* LIBRARY. USING ACCESS MODE *accmode* THE RETURN CODE FROM THE *service* SERVICE WAS *rtncode* AND THE REASON CODE WAS *rsncode*.

Explanation:

filename file name
library ddname of library being processed
accmode access mode passed to the service
service callable service name
rtncode return code
rsncode reason code

SMP/E attempted to test the accessibility of a file using the specified access mode in the indicated library, but the callable service was unsuccessful.

System action: Command processing stops.

Programmer response: Make sure you have the appropriate permission to access the file and directory.

Look in *z/OS UNIX System Services Programming: Assembler Callable Services Reference* to determine the cause of the error. Correct the error, and rerun the job.

GIM69177I LIBRARY *library* WAS NOT COMPRESSED BECAUSE IT IS A PATH.

Explanation:

library ddname of library being processed

The indicated library was specified on the COMPRESS operand, but SMP/E does not compress any libraries that are paths in a UNIX file system.

System action: Processing continues.

Programmer response: Remove the indicated library from the COMPRESS operand before rerunning the command.

GIM69178S *command* PROCESSING FAILED FOR SYSMOD *sysmod* BECAUSE THE *dataset* DATA SET NAME THAT WAS CONSTRUCTED EXCEEDS THE 44-CHARACTER MAXIMUM.

Explanation:

command SMP/E command
sysmod SYSMOD ID
dataset ddname of data set

The operands specified for the indicated data set name caused the constructed data set name to exceed 44 characters. During RECEIVE processing, the RFPREFIX and RFDSNPFY operands may be combined to construct the RELFILE data set name, and sometimes the resulting data set name may be too long.

System action: Processing stops.

Programmer response: If the RFPREFIX operand is specified on the RECEIVE command, verify that the value is correct, and rerun the RECEIVE command.

GIM69179S *command* PROCESSING FAILED FOR SYSMOD *sysmod* BECAUSE THE DATA SET NAME SPECIFIED FOR THE *dataset1* DATA SET IS THE SAME AS THE DATA SET NAME SPECIFIED FOR THE *dataset2* DATA SET. THIS IS NOT ALLOWED.

Explanation:*command*

SMP/E command

sysmod SYSMOD ID*dataset1* description of the existing data set*dataset2* ddname of data set to be allocated

The data set name constructed for data set allocation is already specified for an existing data set.

System action: Command processing stops.

Programmer response: If this message was issued during RECEIVE processing and a DSPREFIX was specified for the SMPTLIB data set, one of the following is true:

- the DSPREFIX is the same as the RFPREFIX value specified on the RECEIVE command, or
- the FROMDS data set name matches the SMPTLIB data set name.

In either case, change the DSPREFIX value and rerun the RECEIVE command.

GIM69180S *command* PROCESSING FAILED FOR SYSMOD *sysmod* BECAUSE SMP/E RECEIVED A RETURN CODE OF *rtncode* FROM THE *macro* MACRO.

Explanation:*command*

SMP/E command

sysmod SYSMOD ID*rtncode* return code*macro* macro that failed

A return code other than zero was received from the indicated macro. If the indicated macro is the DEVTYPE macro, the return codes indicate the following:

04 **One** of the following occurred:

- The ddname specified could not be found.
- A TIOT address is invalid.
- The UCBLIST parameters are invalid.

08 The device information is unknown or not supported by the DEVTYPE macro.

System action: Command processing stops.

Programmer response: Report the problem to the IBM Support Center.

GIM69181S *command* PROCESSING HAS FAILED. THE CLIENT CERTIFICATE HAS EXPIRED.

Explanation:*command*

SMP/E command

The client certificate associated with the userid running the job and the keyring specified in the ORDERSERVER data set has expired.

System action: Command processing terminates.

Programmer response: Request an up-to-date automated delivery certificate by using ShopzSeries (<https://www14.software.ibm.com/webapp/...ShopzSeries/ShopzSeries.jsp>). Load the new certificate into your security product data base and rerun the job. See *SMP/E for z/OS User's Guide* for details.

GIM69182S *command* PROCESSING HAS FAILED. THE CLIENT CERTIFICATE IS NOT AUTHORIZED TO PERFORM THE REQUESTED OPERATION ON THE SERVER AT *location*.

Explanation:

command

SMP/E command

location URL for the server

The client certificate associated with the userid running the job and the keyring specified in the ORDERSERVER data set is not authorized to perform the requested operation.

System action: Command processing terminates.

Programmer response: Request an appropriate automated delivery certificate by using ShopzSeries (<https://www14.software.ibm.com/webapp/...ShopzSeries/ShopzSeries.jsp>). Load the new certificate into your security product data base and rerun the job. See *SMP/E for z/OS User's Guide*, „Preparing to Use Internet Service Retrieval“ for details.

GIM69183I *svc99fn* WAS SUCCESSFUL FOR *dataset*.

Explanation:

svc99fn SVC 99 function that was successful

dataset ddname of data set

SMP/E successfully performed the indicated function.

System action: Processing continues.

Programmer response: None.

GIM69184E *elmtyp* *elmname* COULD NOT BE DELETED FROM THE *library* LIBRARY BY SYSMOD *sysmod* BECAUSE *library* IS NOT ALLOCATED TO A PATH.

Explanation:

elmtyp element type

elmname

element name

library ddname of library being processed

sysmod SYSMOD ID

SMP/E attempted to delete the specified element, but the library is allocated to a data set. The specified element is not allowed to reside in a data set. Therefore, the library must be allocated to a path in a UNIX file system.

System action: SYSMOD processing stops.

Programmer response: Ensure that the DDDEF entry or DD statement for the specified library identifies a path in a UNIX file system.

GIM69185E AN INVALID ENTRY HAD BEEN ENCOUNTERED IN THE SMPSCDS DATA SET FOR SYSMOD *sysmod*.

Explanation:

sysmod SYSMOD ID

Command processing was not done for the indicated SYSMOD because SMP/E found an invalid entry in the SMPSCDS data set. The problem in the entry caused an I/O error, which led to an abend.

System action: Processing stops for the indicated SYSMOD. For the APPLY command, however, SMP/E fixes the entry so that subsequent APPLY commands do not encounter the same problem.

Programmer response: For APPLY processing, rerun the APPLY command.

For LIST BACKUP processing, there is no way to fix the entry. Use the UCLIN command to delete the BACKUP entry from the SMPSCDS data set.

GIM69186E *elmttype elmname* CANNOT BE PROCESSED IN LIBRARY *library* FOR SYSMOD *sysmod* BECAUSE THE EXECUTION PARAMETER STRING NEEDED TO INVOKE THE HFSCOPY UTILITY EXCEEDS THE MAXIMUM LENGTH OF 65,535 BYTES.

Explanation:

elmttype element type
elmname element name
library library ddname
sysmod SYSMOD ID

SMP/E attempted to process the indicated element, but when SMP/E built the execution parameter string for invoking the hierarchical file system copy utility, the 65,535 byte limit for the string was exceeded.

System action: Processing stops for the indicated SYSMOD.

Programmer response: Contact the IBM Support Center.

GIM69187S *command* PROCESSING HAS FAILED. THE SERVER AT *location* DETECTED AN ERROR IN THE REQUEST.

Explanation:

command SMP/E command
location URL for the server

The server detected an error in the request sent by SMP/E. The request information is written to the print ddname for the HFSCOPY utility.

System action: Command processing terminates.

Programmer response: Contact your support center and be prepared to provide the request information written to the print ddname for the HFSCOPY utility (the default is SYSPRINT).

GIM69188S *command* PROCESSING HAS FAILED. AN ERROR WAS FOUND IN THE RESPONSE RECEIVED FROM THE SERVER AT *location*.

Explanation:

command SMP/E command
location URL for the server

SMP/E detected an error in the response from the server. Subsequent messages provide more details about the server's response, and the complete request and response information is written to the print file for the HFSCOPY utility (SYSPRINT is SMP/E's default print file, and is used if no PRINT subentry was specified in the active UTILITY entry for the HFSCOPY utility). Possible errors are:

- An unknown response was received.
- Required information is missing.

System action: Command processing terminates.

Programmer response: Contact the IBM support center and be prepared to provide the response information written to the print file. In the mean time, try running the job again, but use the alternate url for the server: <https://eccgw02.rochester.ibm.com/services/projects/ecc/ws/>.

GIM69189S *command* PROCESSING HAS FAILED FOR ORDER *entname*. ORDER *entname* WITH ORDERID *orderid* IS NOT RECOGNIZED BY THE SERVER AT *location*.

Explanation:

command SMP/E command
entname ORDER entry name

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orderid server order identifier

location URL for the server

The server does not recognize the indicated order. The order may have expired and been deleted from the server before it was downloaded by SMP/E.

System action: Command processing terminates.

Programmer response: If more than 14 days has elapsed since the order was originally submitted, the order may have expired and been deleted from the server before it was downloaded by SMP/E. In this case, if you still require the HOLDDATA or PTF content for the indicated order, then you must create a new order with the same or similar content using the RECEIVE ORDER command.

Otherwise, contact the support center.

GIM69190S *command* PROCESSING HAS FAILED FOR ORDER *entname*. ACCESS TO ORDER *entname* WITH ORDERID *orderid* WAS DENIED BECAUSE THE ORDER WAS REQUESTED BY USERID *userid* USING A DIFFERENT CLIENT IDENTITY.

Explanation:

command

SMP/E command

entname

ORDER entry name

orderid server order identifier

userid userid that created the order

Access to the indicated order on the server was denied for the current userid and associated client certificate. The server records which client certificate was used to create an order, and only userids using that certificate are allowed to subsequently access the order. The keyring and certificate label specified in the ORDERSERVER subentry of the ORDER entry identify the client certificate used when the order was created.

System action: Command processing terminates.

Programmer response: Ensure the client certificate stored in your Security Manager is the same as that used when the order was created, then rerun the job. The client certificate is identified by the keyring name and certificate label specified in the ORDERSERVER subentry of the ORDER entry.

GIM69191S *command* PROCESSING HAS FAILED FOR ORDER *entname*. THE PACKAGE FOR ORDER *entname* WITH ORDERID *orderid* HAS EXPIRED FROM THE DOWNLOAD SERVER.

Explanation:

command

SMP/E command

entname

ORDER entry name

orderid server order identifier

The server fulfilled the indicated order by building a HOLDDATA or PTF package and storing the package on the download server. However, packages are stored only for a defined length of time on the download server, and this package has expired and was deleted from the download server before it was downloaded by SMP/E.

System action: Command processing terminates.

Programmer response: If you still require the HOLDDATA or PTF content for the indicated order, then you must create a new order with the same or similar content using the RECEIVE ORDER command.

GIM69192S *command* PROCESSING HAS FAILED FOR ORDER *entname*. AN ERROR WAS FOUND IN THE RESPONSE RECEIVED FROM THE SERVER AT *location* WHEN PROCESSING ORDER *entname* WITH ORDERID *orderid*.

Explanation:

command

SMP/E command

entname
ORDER entry name
location URL for the server
orderid server order identifier

The server detected an unrecoverable error while processing the indicated order. Subsequent messages provide more details about the server's response, and the complete request and response information is written to the print file for the HFSCOPY utility (SYSPRINT is SMP/E's default print file, and is used if no PRINT subentry was specified in the active UTILITY entry for the HFSCOPY utility).

System action: Command processing terminates.

Programmer response: Contact the IBM support center to determine the cause of the error and be prepared to provide the response information written to the print file. In the mean time, try running the job again, but use the alternate url for the server: <https://eccgw02.rochester.ibm.com/services/projects/ecc/ws/>.

GIM69193I SMP/E ATTEMPTED TO CONFIRM THE DOWNLOAD FOR ORDER *entname* WITH ORDERID *orderid* BUT AN ERROR WAS FOUND IN THE RESPONSE FROM THE SERVER AT *location*.

Explanation:

entname
ORDER entry name
orderid server order identifier
location URL for the server

SMP/E successfully downloaded the package for the indicated order from the download server, but was unable to confirm the download with the server. The order and SMP/E processing are not affected. Subsequent messages provide more details about the server's response, and the complete request and response information is written to the print file for the HFSCOPY utility (SYSPRINT is SMP/E's default print file, and is used if no PRINT subentry was specified in the active UTILITY entry for the HFSCOPY utility).

System action: SMP/E processing continues.

Programmer response: Contact the IBM support center to determine the cause of the error and be prepared to provide the response information written to the print file.

GIM69194I ORDER ENTRY *oldname* WAS RENAMED TO *newname* BECAUSE AN ENTRY WITH THE SAME NAME ALREADY EXISTS IN THE DESTINATION GLOBAL ZONE.

Explanation:

oldname ORDER entry name from the originating zone
newname
new, generated name for the ORDER entry

The GZONEMERGE command attempted to merge the indicated ORDER entry into the destination global zone but an entry with the same name already exists. Therefore, SMP/E generated a new name for the entry, and then merged the new-named entry into the destination global zone.

System action: Processing continues.

Programmer response: None.

GIM69195S *command* PROCESSING HAS FAILED. THE SERVER AT *location* DETECTED AN ERROR: *status-code* — *reason-phrase*.

Explanation:

command
SMP/E command
location URL for the server
status-code
numeric status code from the server
reason-phrase
textual description of the status-code

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SMP/E sent a request to the indicated HTTP server and received a response that was interpreted as an error.

System action: Command processing terminates.

Programmer response:

- If the status-code value is 400 (Bad Request), the URL for the server is likely specified incorrectly. Verify that the URL specified in the ORDERSERVER data set is correct and rerun the job.
- If the status-code value is 407 (Proxy Authentication Required) then a local proxy server requires authentication. Specify the correct userid and password for the HTTP or SOCKS proxy server in the CLIENT data set and rerun the job.
- For all other status-code values, verify that the URL specified in the ORDERSERVER data set is correct and that the indicated server is operational and rerun the job.

GIM69196I ORDER ENTRY *entname* IS PENDING COMPLETION ON THE SERVER AT *location*.

Explanation:

entname

ORDER entry name

location URL for the server

The indicated ORDER entry was found in the global zone with a status of PENDING. SMP/E will attempt to download the package for the indicated order.

System action: Command processing continues.

Programmer response: None.

GIM69197I *operand1* AND *operand2* ARE MUTUALLY EXCLUSIVE OPERANDS. *operand2* IS BEING IGNORED.

Explanation:

operand1

first operand

operand2

second operand

The indicated operands are not applicable when specified on the same command, therefore, *operand2* is being ignored.

System action: Command processing continues.

Programmer response: None.

GIM69198S CERTIFICATE *certificate* WAS NOT FOUND CONNECTED TO KEY RING *keyring*.

Explanation:

certificate

certificate label specified in the ORDERSERVER data set

keyring key ring name specified in the ORDERSERVER data set

The specified X.509 certificate was not found connected to the specified key ring in the Security Manager. This certificate is generated during the registration process on ShopzSeries at: <https://www14.software.ibm.com/webapp/ShopzSeries/ShopzSeries.jsp> The generated certificate must be downloaded to z/OS from ShopzSeries and stored in your Security Manager in order for SMP/E to access it. The certificate is then used to identify and authenticate you to the server during RECEIVE ORDER command processing.

System action: Command processing terminates.

Programmer response: Ensure the following and then rerun the job:

- The certificate label was specified correctly. Certificate labels may contain mixed-case characters and significant blanks.
- The intended certificate is connected to the specified key ring in the Security Manager.

- The certificate is trusted in the Security Manager (see the TRUST operand of the RACF RACDCERT command). If you use the z/OS Security Server (RACF), then use the following RACDCERT commands to list the keyring and certificate.

```
RACDCERT ID(userid) LISTRING(keyring)
```

```
RACDCERT ID(userid) LIST(LABEL('certificate'))
```

Also, see “Preparing to use Internet service retrieval” in *SMP/E for z/OS User's Guide* for details on setting up the necessary profiles in your Security Manager, and defining keyrings and certificates to use the RECEIVE ORDER command.

GIM69199E A LINK VALUE ON THE MCS FOR *elmtyp elmname* IN SYSMOD *sysmod* EXCEEDS THE 64 CHARACTER MAXIMUM. z/OS *level* SMP/E (OR HIGHER) SUPPORTS LINK VALUES UP TO 1023 CHARACTERS LONG.

Explanation:

elmtyp element type

elmname

element name

sysmod SYSMOD ID

level minimum version and release (*vv.rr*) of z/OS SMP/E required to process this MCS.

The LINK value of the indicated modification control statement is longer than 64 characters. It cannot be used by the current level of SMP/E. However, the specified level of SMP/E can handle LINK values of up to 1023 characters.

System action: Processing for the SYSMOD stops.

Programmer response: Use the specified level of SMP/E, or higher, to process the SYSMOD.

GIM69200E RETRANSFORMATION FAILED FOR *elmtyp elmname* IN THE *library* LIBRARY FOR SYSMOD *sysmod*. ABEND *abncode* OCCURRED WHILE PROCESSING *library*. THE *library* LIBRARY RAN OUT OF SPACE.

Explanation:

elmtyp element type

elmname

element name

library ddname of the library

sysmod SYSMOD ID

abncode abend code

Retransformation processing failed for the indicated element.

System action: SYSMOD processing stops for the indicated SYSMOD.

Programmer response: Increase the size of the indicated library and rerun the job.

GIM69201I SMPDATA1 DATA SET *smpdata1* IS OUT OF SPACE.

Explanation:

smpdata1

data set name

This message is issued in either of the following cases:

- The indicated SMPDATA1 data set is full.
- There is not enough room on the DASD where the indicated SMPDATA1 data set resides.

System action: The remaining library change records are written to the SMPDATA2 data set. Processing continues.

Programmer response: Do **one** of the following:

- If the indicated SMPDATA1 data set is full:
 - Allocate a new larger SMPDATA1 data set and copy the contents of the old data set that is out of space into the new one.

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- Add the library change records from the SMPDATA2 data set into the newly allocated SMPDATA1 data set.
- If there is not enough room on the DASD, you can either:
 - Delete and compress data sets on that DASD, as appropriate, to free up space, or
 - Allocate the SMPDATA1 data set on a DASD that has sufficient space available.
 - Copy the contents of the old SMPDATA1 data set into the newly allocated SMPDATA1 data set.
 - Add the contents of the SMPDATA2 data set into the newly allocated SMPDATA1 data set.

GIM69201S SMPDATA1 DATA SET *smpdata1* IS OUT OF SPACE.

Explanation:

smpdata1

data set name

This message is issued in either of the following cases:

- The indicated SMPDATA1 data set is full.
- There is not enough room on the DASD where the indicated SMPDATA1 data set resides.

System action: Since no SMPDATA2 data set was allocated for spill processing, any remaining library change records generated are lost. Processing ends.

Programmer response: Do **one** of the following:

- If the indicated SMPDATA1 data set is full:
 - Allocate a new larger SMPDATA1 data set and copy the contents of the old data set that is out of space into the new one.
 - Allocate a SMPDATA2 data set and create a DDDEF for the SMPDATA2 data set name in the correct target zone. This data set will be used for future spill processing of library change records.
- If there is not enough room on the DASD, you can either:
 - Delete and compress data sets on that DASD as appropriate to free up space or,
 - Allocate the SMPDATA1 data set on a DASD that has sufficient space available.
 - Copy the contents of the old SMPDATA1 data set into the newly allocated SMPDATA1 data set.
 - Add a SMPDATA2 data set and create a DDDEF for the SMPDATA2 data set name in the correct target zone. This data set will be used for future spill processing of library change records.

GIM69202I LIBRARY CHANGE RECORDING WAS SWITCHED TO SMPDATA2 BECAUSE SMPDATA1 IS FULL.

Explanation: Because the SMPDATA1 data set is full, SMP/E is writing the remaining library change records to the SMPDATA2 data set.

System action: SMP/E processing continues.

Programmer response: Do **one** of the following:

- If the indicated SMPDATA1 data set is full:
 - Allocate a new larger SMPDATA1 data set and copy the contents of the old data set that is out of space into the new one.
 - Add the library change records from the SMPDATA2 data set into the newly allocated SMPDATA1 data set.
- If there is not enough room on the DASD, you can either:
 - Delete and compress data sets on that DASD as appropriate to free up space, or
 - Allocate the SMPDATA1 data set on a DASD that has sufficient space available.
 - Copy the contents of the old SMPDATA1 data set into the newly allocated SMPDATA1 data set.
 - Add the contents of the SMPDATA2 data set into the newly allocated SMPDATA1 data set.

GIM69203S SMPDATA2 DATA SET *smpdata2* IS OUT OF SPACE.**Explanation:***smpdata2*

data set name

This message is issued in either of the following cases:

- The indicated SMPDATA2 data set is full.
- There is not enough room on the DASD where the indicated SMPDATA2 data set resides.

System action: Since the SMPDATA2 data set was not large enough to hold the remaining spill records from library change recording, the remaining library change records generated are lost. Processing ends.

Programmer response: Do **one** of the following:

- If the indicated SMPDATA2 data set is full:
 - Allocate a new larger SMPDATA2 data set and copy the contents of the old data set that is out of space into the new one.
- If there is not enough room on the DASD, you can either:
 - Delete and compress data sets on that DASD, as appropriate, to free up space, or
 - Allocate the SMPDATA2 data set on a DASD that has sufficient space available.
 - Copy the contents of the old SMPDATA2 data set into the newly allocated SMPDATA2 data set.

GIM69204S RECEIVE ORDER PROCESSING HAS FAILED. THE PACKAGE FOR ORDER ENTRY *entname* CANNOT BE DOWNLOADED. THE ORDER IS IN ERROR STATUS.**Explanation:***entname*

ORDER entry name

The subject ORDER entry name was specified on the PENDING operand of the RECEIVE ORDER command to instruct SMP/E to download the HOLDDATA or PTF package for the pending order. However, the order is not in PENDING status, but rather is in ERROR status. An error was previously detected for this order and the package cannot be downloaded.

System action: Command processing stops.

Programmer response: Ensure the correct ORDER entry name is specified and rerun the job.

GIM69205S RECEIVE PROCESSING HAS FAILED. AN ERROR WAS FOUND IN THE ORDERSERVER INFORMATION FOUND IN ORDER ENTRY *entname*.**Explanation:***entname*

ORDER entry name

SMP/E found an error in the ORDERSERVER subentry extracted from the indicated ORDER entry.

System action: Command processing stops.

Programmer response: Report the error to the IBM Support Center and be prepared to provide LIST output of the indicated ORDER entry.

GIM69206S *command* PROCESSING HAS FAILED BECAUSE PROGRAM *modname* WAS UNEXPECTEDLY TERMINATED.**Explanation:***command*

SMP/E command

modname

Program name

GIM69207S • GIM69208S

The indicated program was being used by SMP/E and it terminated unexpectedly.

System action: Command processing stops.

Programmer response: If using the GIMZIP or GIMUNZIP service routine, check the output in the SYSPRINT data set.

If using the RECEIVE ORDER or RECEIVE FROMNETWORK command or the GIMGTPKG service routine, specify `-Dcom.ibm.smp.debug=severe` on the `javadebugoptions` attribute in the CLIENT data set and rerun the job. The debug output is written to the print ddname for the HFSCOPY utility (default is SYSPRINT).

If the output contains a message such as `JVMST027: Cannot allocate memory for System Heap.` or `JVMCL017: OutOfMemoryError, loading classes.` then increase the region size and rerun the job.

If the output does not describe a memory allocation condition, report the error to the IBM Support Center.

| **GIM69207S** *command* **PROCESSING HAS FAILED BECAUSE THE CONNECTION WITH THE SERVER**
| **FAILED.** *text*

| **Explanation:**

| *command*

| SMP/E command.

| *text* descriptive information to identify the specific error condition

| The server was unknown, or the connection with the server was refused or timed out. The indicated text describes the condition that caused the connection with the server to fail.

| **System action:** Command processing stops.

| **Programmer response:** Verify the following, and then rerun the job.

- | • The URL value specified in the ORDERSERVER data set is correct, or the host and port values specified in the SERVER data set are correct.
- | • If the text indicates an SSL failure or an error validating a certificate, then ensure that the appropriate Certificate Authority (CA) certificate is found in the specified keyring, and the certificate is marked trusted. If you use the z/OS Security Server (RACF), then ensure that you use the following RACDCERT commands to list the keyring and CA certificate.

| RACDCERT ID(*userid*) LISTRING(*keyring*)

| RACDCERT CERTAUTH LIST(LABEL('Equifax Secure CA'))

| Also, see "Preparing to use Internet service retrieval" in *SMP/E for z/OS User's Guide* for details on setting up the necessary profiles in your Security Manager, and defining keyrings and certificates to use with the RECEIVE ORDER command.

- | • If the text indicates proxy or SOCKS authentication failed, then a local proxy server requires authentication. Specify the correct userid and password for the HTTP or SOCKS proxy server in the CLIENT data set and rerun the job.

GIM69208S *command* **PROCESSING HAS FAILED BECAUSE THE LEVEL OF PROGRAM** *progrname1 (vr.pp)* **IS**
NOT COMPATIBLE WITH THE LEVEL OF THE SMP/E CALLING PROGRAM *progrname2 (vr.pp)*.

Explanation:

command

SMP/E command or SMP/E service routine name

progrname1

Name of program being called

progrname2

Name of calling program

vr.pp the version, release, and PTF service level of the indicated programs

The indicated calling program and the indicated called program are not at the same or compatible service levels. The calling program resides in the SYS1.MIGLIB library or in a library identified using STEPLIB, and the called program resides in the `/usr/lpp/smp/classes/` UNIX file system directory.

System action: Processing stops.

Programmer response: Ensure the correct service level of the SMP/E Java programs are accessible to the calling program and then rerun the job.

You can use the SMPCPATH DD statement to specify the directory where the SMP/E Java classes reside. For example:

```
//SMPCPATH DD PATH='/usr/lpp/smp/classes/'
```

If running an SMP/E command rather than a service routine, you can also use a DDDEF entry for SMPCPATH instead of a DD statement. In addition, if using the RECEIVE ORDER or RECEIVE FROMNETWORK command or the GIMGTPKG service routine, you can alternatively use the *classpath* attribute in the CLIENT data set to specify the directory where the SMP/E Java application classes reside. For example:

```
classpath="/usr/lpp/smp/classes/"
```

Also, be careful when using STEPLIB in the SMP/E job because program search for the calling programs is affected by using STEPLIB, but not for the Java application classes in the /usr/lpp/smp/classes/ directory. See "Preparing to use internet service retrieval", especially the topic "Options that affect Java" in *SMP/E for z/OS User's Guide* for details on proper setup.

GIM69209S *command* PROCESSING HAS FAILED BECAUSE PROGRAM *progrname* COULD NOT BE STARTED.

Explanation:

command

SMP/E command or SMP/E service routine name

progrname

program name

SMP/E attempted to invoke the indicated program but it could not be started.

System action: Command processing stops.

Programmer response: Check the output in the print file to determine the cause of the error. SYSPRINT is SMP/E's default print file, and is used if no PRINT subentry was specified in the active UTILITY entry for the HFSCOPY utility.

Depending on what the output indicates, do the following tasks and rerun the job:

- If the output indicates Java is not found, then ensure the directory of the Java 2 Technology Edition that is specified using either a SMPJHOME DD statement or DDDEF entry is correct. For example, if Java 1.4 is installed in the /usr/lpp/java/J1.4 directory, then the following DD statement should be used:

```
//SMPJHOME DD PATH='/usr/lpp/java/J1.4/'
```

If using the RECEIVE ORDER or RECEIVE FROMNETWORK command or the GIMGTPKG service routine, you can alternatively specify the **javahome** attribute in the CLIENT data set to indicate the directory where the Java runtime resides. Use the following as an example:

```
javahome="/usr/lpp/java/J1.4"
```

- If the output indicates a Java class is not found, then ensure the SMP/E Java application classes are accessible to SMP/E. The Java classpath can be specified using a SMPCPATH DD statement or DDDEF entry. For example, if the SMP/E Java classes reside in the /usr/lpp/smp/classes/ directory, then the following DD statement should be used:

```
//SMPCPATH DD PATH='/usr/lpp/smp/classes/'
```

If running an SMP/E command rather than a service routine, you can also use a DDDEF entry for SMPCPATH instead of a DD statement. In addition, if using the RECEIVE ORDER or RECEIVE FROMNETWORK command or the GIMGTPKG service routine, you can alternatively use the *classpath* attribute in the CLIENT data set to specify the directory where the Java runtime resides. For example:

```
classpath="/usr/lpp/smp/classes/"
```

- If the output does not indicate that Java or a Java class is not found, and if you are using the RECEIVE ORDER or RECEIVE FROMNETWORK command or the GIMGTPKG service routine, and if the javadbugoptions attribute was specified in the CLIENT data set, then ensure the specified values are proper and correct.

GIM69210S • GIM69212S

See "Preparing to use internet service retrieval", especially the topic "Options that affect Java" in *SMP/E for z/OS User's Guide* for details on proper setup.

GIM69210S *command* **PROCESSING HAS FAILED FOR PENDING ORDER *entname*. PTF *name* WAS SPECIFIED ON THE CONTENT OPERAND BUT WAS NOT FOUND BY THE SERVER.**

Explanation:

command

SMP/E command

entname

ORDER entry name

name

PTF name

The indicated PTF name was requested in the indicated order by specifying it on the CONTENT operand of the RECEIVE ORDER command. However, the server does not recognize the PTF name. SMP/E cannot resubmit a PENDING order because the software inventory used to create the original order is no longer available.

System action: Command processing stops.

Programmer response: Ensure the correct PTF name is specified on the CONTENT operand.

GIM69211S *command* **PROCESSING HAS FAILED FOR PENDING ORDER *entname*. APAR *name* WAS SPECIFIED ON THE CONTENT OPERAND BUT A FIXING PTF WAS NOT FOUND BY THE SERVER.**

Explanation:

command

SMP/E command

entname

ORDER entry name

name

APAR name

The indicated APAR name was specified on the CONTENT operand of the RECEIVE ORDER command when the indicated order was submitted. However, the server did not find any PTFs to fix the indicated APAR. Either no fixing PTFs are yet available, or the APAR name was specified incorrectly. SMP/E cannot resubmit a PENDING order because the software inventory used to create the original order is no longer available.

System action: Command processing stops.

Programmer response: Ensure the correct APAR name is specified on the CONTENT operand.

GIM69212S *command* **PROCESSING HAS FAILED FOR ORDER *entname*. A PACKAGE FOR ORDER *entname* WITH ORDERID *orderid* CANNOT BE CREATED BECAUSE THE PACKAGE SIZE (*pkgsize* BYTES) WOULD EXCEED THE THRESHOLD FOR INTERNET DELIVERY (*maxsize* BYTES) .**

Explanation:

command

SMP/E command

entname

ORDER entry name

orderid

server order identifier

pkgsize

actual package size, in bytes

maxsize

maximum allowed package size, in bytes

The server attempted to build a PTF package based on the specified selection criteria and the associated software inventory. However, the size of the resultant package would exceed the allowed package size for internet delivery. Therefore, a package was not created.

System action: Command processing stops.

Programmer response: Do one of the following:

- Attempt to decrease the number of PTFs in the resultant PTF package by specifying different operands on the RECEIVE ORDER command and resubmit the job. For example, specify CONTENT(CRITICAL) instead of CONTENT(ALL).
- Use ShopzSeries (<http://www.ibm.com/software/shopzseries>) to submit the PTF order and have it delivered to you on physical media.

GIM69213S A PTF ORDER WAS NOT SENT TO THE SERVER BECAUSE NO PTFS WILL BE APPLICABLE TO THE SPECIFIED ZONES. AT LEAST ONE FUNCTION SYSMOD MUST BE FOUND IN THE SPECIFIED ZONES BEFORE A PTF ORDER CAN BE SENT.

Explanation: To fulfill a PTF order request created by the RECEIVE ORDER command, a PTF package will be produced that is tailored to the existing SYSMOD content in your SMP/E environment. A software inventory describes the existing SYSMOD content and is used by the server for this purpose. SMP/E attempted to create a software inventory, however, the global zone and specified target zones have no existing SYSMOD content. Therefore, there is no information for SMP/E to use in creating a software inventory, and likewise there is no information for the server to use in determining which PTFs are applicable to your SMP/E environment. At least one FUNCTION SYSMOD must be found in the global zone or target zones in order for SMP/E to build the software inventory and to send the order request to the server.

The FORTGTZONES operand allows you to identify specific target zones to be used when creating the software inventory. If FORTGTZONES was specified, at least one FUNCTION SYSMOD must be found in one of the specified target zones. If you do not specify FORTGTZONES, all target zones defined by a ZONEINDEX subentry in the global zone will be used, and at least one FUNCTION SYSMOD must be found in either the global zone or in any one of the target zones from the ZONEINDEX subentries.

System action: Command processing stops.

Programmer response: Ensure you specified the correct target zones on the RECEIVE ORDER command.

GIM69214W NO HOLDDATA PACKAGE IS AVAILABLE FOR DOWNLOAD. ORDER ENTRY *entname* WAS DELETED.

Explanation:

entname

ORDER entry name

An order was submitted to obtain HOLDDATA only. However, there is no HOLDDATA available. Therefore, there is no package to download for this order. The ORDER entry for this order has been deleted from the global zone.

System action: RECEIVE command processing continues.

Programmer response: No action required.

GIM69216I PROGRAM *modname* WAS UNEXPECTEDLY TERMINATED.

Explanation:

modname

Program name

The indicated program was being used by SMP/E and it terminated unexpectedly.

System action: Processing continues.

Programmer response: Check the output in the print file for the HFSCOPY utility to determine the cause of the error. SYSPRINT is SMP/E's default print file, and is used if no PRINT subentry was specified in the active UTILITY entry for the HFSCOPY utility.

If the output contains a message such as "JVMST027: Cannot allocate memory for System Heap." or "JVMCL017: OutOfMemoryError, loading classes." then increase the region size and rerun the job.

The condition did not impact SMP/E processing. Therefore, you can ignore the error, or report the error to the IBM Support Center.

GIM69217I THE LEVEL OF PROGRAM *program1* (*vr.pp*) IS NOT COMPATIBLE WITH THE LEVEL OF THE SMP/E CALLING PROGRAM *program2* (*vr.pp*).

Explanation:*program1*

Name of program being called

program2

Name of calling program

vr.pp

The version, release, and PTF service level of the indicated programs

The indicated calling program and the indicated called program are not at the same or compatible service levels. The calling program resides in the SYS1.MIGLIB library or in a library identified using STEPLIB, and the called program resides in the /usr/lpp/smp/classes/ UNIX file system directory.

System action: Processing continues.

Programmer response: Ensure the correct service level of the SMP/E Java programs are accessible to the calling program. The SMPCPATH DD statement can be used to specify the directory where the SMP/E Java classes reside. For example:

```
//SMPCPATH DD PATH='/usr/lpp/smp/classes/'
```

If running an SMP/E command rather than a service routine, you can also use a DDDEF entry for SMPCPATH instead of a DD statement. In addition, if using the RECEIVE ORDER or RECEIVE FROMNETWORK command or the GIMGTPKG service routine, you can alternatively use the *classpath* attribute in the CLIENT data set to specify the directory where the SMP/E Java application classes reside. For example:

```
classpath="/usr/lpp/smp/classes/"
```

Also, be careful when using STEPLIB in the SMP/E job since program search for the calling program is affected by using STEPLIB, but not for the Java application classes in the /usr/lpp/smp/classes/ directory. See "Preparing to use internet service retrieval", especially the topic "Options that affect Java" in *SMP/E for z/OS User's Guide* for details on proper setup.

GIM69218I PROGRAM *program* COULD NOT BE STARTED.

Explanation:*program*

Program name

SMP/E attempted to invoke the indicated program but it could not be started.

System action: Processing continues.

Programmer response: Check the output in the print file for the HFSCOPY utility to determine the cause of the error. SYSPRINT is the default print file for SMP/E, and is used if no PRINT subentry was specified in the active UTILITY entry for the HFSCOPY utility.

- If the output indicates Java is not found, then ensure the Java runtime is accessible to SMP/E. You can use the SMPJHOME DD statement to specify the directory where the Java runtime resides. For example:

```
//SMPJHOME DD PATH='/usr/lpp/java/J1.4'
```

If running an SMP/E command rather than a service routine, you can also use a DDDEF entry for SMPJHOME instead of a DD statement. In addition, if using the RECEIVE ORDER or RECEIVE FROMNETWORK command or the GIMGTPKG service routine, you can alternatively use the *javahome* attribute in the CLIENT data set to specify the directory where the SMP/E Java application classes reside. For example:

```
javahome="/usr/lpp/java/J1.4"
```

- If the output indicates a Java class is not found, then ensure the SMP/E Java application classes are accessible to SMP/E. You can use the SMPCPATH DD statement to specify the directory where the SMP/E Java classes reside. For example:

```
//SMPCPATH DD PATH='/usr/lpp/smp/classes/'
```


If running an SMP/E command rather than a service routine, you can also use a DDDEF entry for SMPCPATH instead of a DD statement. In addition, if using the RECEIVE ORDER or RECEIVE FROMNETWORK command or the GIMGTPKG service routine, you can alternatively use the *classpath* attribute in the CLIENT data set to specify the directory where the Java runtime resides. For example:

```
classpath="/usr/lpp/smp/classes/"
```

See "Preparing to use internet service retrieval", especially the topic "Options that affect Java" in *SMP/E for z/OS User's Guide* for details on proper setup.

GIM69221W CERTIFICATE *certname* WILL EXPIRE WITHIN *expdays* DAYS.

Explanation:

certname

Client certificate name

expdays Number of days before expiration date

The certificate specified in the ORDERSERVER data set will expire within the identified number of days.

System action: Command processing continues.

Programmer response: Request an up-to-date automated delivery certificate before the existing certificate expires. You can do this by using ShopzSeries <https://www14.software.ibm.com/webapp/ShopzSeries/ShopzSeries.jsp>. Load the new certificate into your security product data base. See *SMP/E for z/OS User's Guide* for details.

GIM69222S *command* PROCESSING HAS FAILED. SMP/E COULD NOT INVOKE A JAVA PROGRAM BECAUSE THE JAVA RUNTIME LOCATION (THE JAVA HOME DIRECTORY) IS NOT DEFINED.

Explanation:

command

SMP/E command or SMP/E service routine name

SMP/E attempted to invoke a Java program or command, but the Java runtime location (the Java home directory) is not specified. Therefore, SMP/E cannot invoke the Java program or command.

System action: Command processing stops.

Programmer response: You can use the SMPJHOME DD statement to specify the directory where the Java runtime resides, then rerun the job. For example:

```
//SMPJHOME DD PATH='/usr/lpp/java/J1.4'
```

If running an SMP/E command rather than a service routine, you can also use a DDDEF entry for SMPJHOME instead of a DD statement. In addition, if using the RECEIVE ORDER or RECEIVE FROMNETWORK command or the GIMGTPKG service routine, you can alternatively use the *javahome* attribute in the CLIENT data set to specify the directory where the Java runtime resides. For example:

```
javahome="/usr/lpp/java/J1.4"
```

GIM69223I SMP/E COULD NOT INVOKE A JAVA PROGRAM BECAUSE THE JAVA RUNTIME LOCATION (THE JAVA HOME DIRECTORY) IS NOT DEFINED.

Explanation: SMP/E attempted to invoke a Java program or command, but the Java runtime location (the Java home directory) is not specified. Therefore, SMP/E cannot invoke the Java program or command.

System action: Command processing continues.

Programmer response: You can use the SMPJHOME DD statement to specify the directory where the Java runtime resides. For example:

```
//SMPJHOME DD PATH='/usr/lpp/java/J1.4'
```

If running an SMP/E command rather than a service routine, you can also use a DDDEF entry for SMPJHOME instead of a DD statement. In addition, if using the RECEIVE ORDER or RECEIVE FROMNETWORK command or the GIMGTPKG service routine, you can alternatively use the *javahome* attribute in the CLIENT data set to specify the directory where the Java runtime resides. For example:

javahome="/usr/lpp/java/J1.4"

GIM69224S NO FIX CATEGORIES HAVE BEEN SPECIFIED. EITHER THE FIXCAT OPERAND MUST BE SPECIFIED ON THE COMMAND, OR THE ACTIVE OPTIONS ENTRY MUST HAVE A FIXCAT SUBENTRY.

Explanation: The REPORT MISSINGFIX command identifies missing FIXCAT APARs based on your interest list of Fix Categories. If you do not specify an interest list of Fix Categories, then the command has nothing to report. You specify your interest list on the FIXCAT operand of the REPORT command, or SMP/E uses the list from the FIXCAT subentry in the active OPTIONS entry.

System action: Command processing continues.

Programmer response: Perform one of the following actions:

- Specify the FIXCAT operand and rerun the command.
- Update the active OPTIONS entry to add a FIXCAT subentry list.

GIM69225E *command* PROCESSING FAILED FOR SYSMOD *sysmodid*. A FIXCAT HOLD REASONID EXISTS FOR SYSMOD *sysmodid* THAT CANNOT BE PROCESSED BY THE CURRENT RELEASE OF SMP/E. FIXCAT HOLDS ARE SUPPORTED ONLY BY SMP/E VERSION 3 RELEASE 5 OR HIGHER.

Explanation:

command

APPLY or ACCEPT

sysmodid

ID of SYSMOD selected for processing

The SYSMOD entry in the global zone for *sysmodid* contains a HOLDFIXCAT subentry. A FIXCAT ++HOLD statement was received into the global zone using SMP/E V3R5 or higher, creating the HOLDFIXCAT subentry. A SYSMOD containing a HOLDFIXCAT subentry cannot be processed using the current release of SMP/E.

System action: SYSMOD processing stops.

Programmer response: Perform one of the following actions:

- Rerun the command but do not select the indicated SYSMOD for processing.
- Rerun the command using SMP/E V3R5, or higher.

GIM69226I *responseElement* = *value*.

Explanation:

responseElement

server response element

value

element value. If this value exceeds 300 bytes in length, then only the first 300 bytes will appear in the message.

This message provides more detail about an error detected in the response from the server.

System action: None.

Programmer response: See the previous messages. In addition, provide the contents of this message to the IBM support center to help determine the cause of the server error.

GIM69227W *operand value* HAS ALREADY BEEN SPECIFIED. THE DUPLICATE VALUE HAS BEEN IGNORED.

Explanation:

operand operand

value operand value

The indicated operand value was previously specified on the command.

System action: The duplicate value is ignored and command processing continues.

Programmer response: Determine if the duplicate value was meant to be a unique value, or if the duplicate should be ignored. If it was meant to be unique, then fix the specification and rerun the job.

GIM69228I NO FIXCAT HOLDDATA MATCHING THE SPECIFIED FIXCAT OR FORFMID VALUES WAS FOUND.

Explanation: No FIXCAT type HOLDDATA was found in the global zone that matches the active Fix Category interest list and the specified list of FMIDs (if the FORFMID operand was specified). The active Fix Category interest list is specified on the FIXCAT operand, or if the FIXCAT operand is not specified, in the FIXCAT subentry of the active OPTIONS entry.

System action: None.

Programmer response: Determine if the specified list of FMIDs (if specified) and the active Fix Category interest list are correct. If not, fix the specifications and rerun the job.

GIM69229I ONE OR MORE REQUESTED PTFs WERE NOT FOUND BY THE SERVER. ORDER *entname* WILL BE MODIFIED AND RESENT TO THE SERVER TO OBTAIN THE REMAINING REQUESTED PTFs.

Explanation:

entname

ORDER entry name

One of the following situations has occurred:

- PTFs were specified on the CONTENT operand of the RECEIVE ORDER command and one or more of the specified PTFs could not be found on the server.
- APARs were specified on the CONTENT operand of the RECEIVE ORDER command and no fixing PTFs on the server satisfy one or more of the specified APARs.

The PTFs or APARs that cannot be satisfied are removed from the requested CONTENT list and the order is resubmitted to obtain the requested PTFs or APARs that can be satisfied.

System action: Command processing continues. SMP/E resubmits the order.

Programmer response: See error messages GIM69230E and GIM69231E to identify the PTFs or APARs that cannot be found on the server. Ensure the correct APAR or PTF names are specified on the CONTENT operand.

GIM69230E PTF *name* WAS SPECIFIED ON THE CONTENT OPERAND FOR ORDER *entname* BUT WAS NOT FOUND BY THE SERVER.

Explanation:

name PTF name

entname

ORDER entry name

The indicated PTF name was requested on the CONTENT operand of the indicated order. However, the server did not find the PTF. Either the PTF is not yet available or the PTF name was specified incorrectly.

System action: Command processing continues. SMP/E removes the indicated PTF name from the CONTENT operand of the RECEIVE ORDER command. If there are PTF names that remain in the CONTENT operand list, SMP/E resubmits the order.

Programmer response: Ensure the correct PTF name is specified on the CONTENT operand.

GIM69231E APAR *name* WAS SPECIFIED ON THE CONTENT OPERAND FOR ORDER *entname* BUT A FIXING PTF WAS NOT FOUND BY THE SERVER.

Explanation:

name APAR name

entname

ORDER entry name

GIM69232S • GIM69235S

The indicated APAR name was requested on the CONTENT operand of the indicated order. However, the server did not find any fixing PTFs for the indicated APAR. Either no fixing PTFs are yet available or the APAR name was specified incorrectly.

System action: Command processing continues. SMP/E removes the indicated APAR name from the CONTENT operand of the RECEIVE ORDER command. If there are APAR names that remain in the CONTENT operand list, SMP/E resubmits the order.

Programmer response: Ensure the correct APAR name is specified on the CONTENT operand.

GIM69232S *command* PROCESSING HAS FAILED BECAUSE THERE WAS AN FTP ERROR AFTER *number* ATTEMPTS.

Explanation:

command

an SMP/E command or service routine name

number number of attempts

An FTP error was received after retrying for the specified number of attempts.

System action: Command or service routine processing stops.

Programmer response: Refer to the GIM45201S message, the SYSPRINT data set, or both, to determine what was encountered.

GIM69233I FTP FAILED, ATTEMPT *number* OF *max attempts*. FTP WILL BE RETRIED IN *wait* SECONDS.

Explanation:

number number of attempts

max attempts

maximum number of attempts

wait seconds to wait before the next attempt

SMP/E detected an FTP error. The FTP operation is resubmitted after waiting the specified number of seconds.

System action: Processing continues.

Programmer response: None.

GIM69234I FTP FAILED, ATTEMPT *number* OF *max attempts*.

Explanation:

number number of attempts

max attempts

maximum number of attempts

SMP/E detected an FTP error and all retry attempts have been exhausted.

System action: Command or service routine processing stops.

Programmer response: Refer to the SYSPRINT data set to determine what error was encountered.

GIM69235S OPEN PROCESSING FAILED FOR THE *zonename* ZONE IN THE GLOBAL ZONE IN CSI *dataset*.

Explanation:

zonename

zone name

dataset Global zone CSI data set name

SMP/E could not open the indicated zone.

System action: Command processing stops.

Programmer response: Make sure that you specified the correct global zone CSI data set name for the indicated

target or DLIB zone. The global zone CSI data set name and zone can be specified using the ZONES operand on the REPORT command.

Fix the error and rerun the job.

GIM69236S *value* IS NOT DEFINED AS A ZONE OR ZONESET IN THE GLOBAL ZONE IN CSI *dataset*.

Explanation:

value value specified as either a zone or ZONESET name
dataset Global zone CSI data set name

SMP/E tried to determine whether the specified name was a zone or ZONESET. The name was not found to be defined as either a zone or a ZONESET in the global zone of the specified CSI

System action: Command processing stops.

Programmer response: Make sure that you specified the correct global zone CSI data set name for the indicated target or DLIB zone. The global zone CSI data set name and zone can be specified using the ZONES operand on the REPORT command.

Fix the error and rerun the job.

GIM69237S ZONE *zonename* WAS NOT USED BECAUSE IT IS NOT DEFINED BY A ZONEINDEX SUBENTRY IN THE GLOBAL ZONE IN CSI *dataset*.

Explanation:

zonename zone name
dataset Global zone CSI data set name

SMP/E could not find a ZONEINDEX subentry in the global zone using the zone and CSI data set name specified on the ZONES operand for the REPORT command.

System action: Command processing stops.

Programmer response: Do one of the following:

- If you want SMP/E to use the indicated zone, use UCLIN to define a ZONEINDEX subentry for the zone in the global zone of the specified CSI. It may also be necessary to set up the zone itself. After the preparation work is complete, rerun the job.
- If you do not want SMP/E to use the indicated zone, remove the zone and global zone CSI data set name from the ZONES operand on the REPORT command.

GIM69238S SMP/E ASSUMED THAT ALL THE ZONES SPECIFIED ON THE ZONES OPERAND WERE *zonetype1* ZONES. *zonename* IS A *zonetype2* ZONE.

Explanation:

zonetype1 DLIB or TARGET
zonename zone name
zonetype2 TARGET or DLIB

When a zone type operand is not specified on the REPORT command, all of the zones either specified on the ZONES operand or included in a specified ZONESET must be the same type. However, the indicated zone is not the same type as other zones specified.

System action: Command processing stops.

Programmer response: Do one of the following:

- Specify the TARGETZONE or DLIBZONE operand on the REPORT command to indicate which type of zones from the ZONES operand should be processed.
- Respecify the zones or ZONESETs on the ZONES operand so all of the zones are the same type.

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Then rerun the REPORT command.

GIM69239S THERE IS NO ZONE DEFINITION RECORD FOR ZONE *zonename* IN THE GLOBAL ZONE IN CSI *dataset*.

Explanation:

zonename

zone name

dataset Global zone CSI data set name

SMP/E could not find a zone definition entry in the global zone using the zone and CSI data set name specified on the ZONES operand for the REPORT command.

System action: Command processing stops.

Programmer response: Do one of the following:

- Make sure that the indicated zone is the one you want to process.
- Make sure that you specified the correct CSI data set name for the global zone where the specified zone is defined.
- If necessary, create a zone definition entry for the zone.
- Rerun the command.

Then rerun the REPORT command.

GIM69240S ZONE *zonename* IS DEFINED AS A *zonetype1* ZONE IN THE ZONEINDEX SUBENTRY IN THE GLOBAL ZONE IN CSI *dataset*. THIS CONFLICTS WITH THE ZONE TYPE OF *zonetype2*.

Explanation:

zonename

zone name

zonetype1

zone type defined in the ZONEINDEX subentry

dataset Global zone CSI data set name

zonetype2

zone type

The zone type specified in the ZONEINDEX subentry conflicts with the zone type indicated in SMP/E's internal records.

System action: Command processing stops.

Programmer response: Determine which of the zone types is correct. Then do one of the following to correct the zone in the specified global zone:

- If the zone type in the ZONEINDEX subentry is incorrect, use UCLIN to fix the ZONEINDEX subentry. Then rerun the job.
- If the zone type in SMP/E's internal records is incorrect, use ZONEDELETE to delete the zone, followed by UCLIN to recreate the zone with the correct zone type. Then rerun the job.

GIM69241S THE *zonename* ZONE IN THE GLOBAL ZONE IN CSI *dataset* WAS SPECIFIED ON THE *operand* OPERAND BUT IT DOES NOT EXIST.

Explanation:

zonename

zone name

dataset Global zone CSI data set name

operand operand

The zone does not exist in the global zone of the specified CSI data set for one of the following reasons:

- There is no ZONEINDEX subentry for the zone in the global zone.
- The zone is not defined in the data set indicated by its ZONEINDEX subentry.

System action: Command processing stops.

Programmer response: Check whether the correct zone and global zone CSI data set name was specified on the indicated operand.

- If the zone was specified correctly, then perhaps the wrong global zone was being used. If so, specify the correct global zone CSI data set name on the indicated operand and rerun the command.
- If the zone was not specified correctly, specify the correct zone name and rerun the command.

GIM69242S THE *operand1* OR *operand2* OPERAND IS REQUIRED ON THE *command* COMMAND.

Explanation:

operand1

first operand

operand2

second operand

command

SMP/E command

System action: Command processing stops.

Programmer response: Add one of the specified missing operands and rerun the job.

GIM69243S SMP/E ASSUMED THAT ALL THE ZONES SPECIFIED ON THE ZONES OPERAND WERE *zonetype1* ZONES. *zonename* IN THE GLOBAL ZONE IN CSI *dataset* IS A *zonetype2* ZONE.

Explanation:

zonetype1

DLIB or TARGET

zonename

zone name

dataset Global zone CSI data set name

zonetype2

TARGET or DLIB

When a zone type operand is not specified on the REPORT command, all of the zones either specified on the ZONES operand or included in a specified ZONESET must be the same type. However, the indicated zone is not the same type as other zones specified.

System action: Command processing stops.

Programmer response: Do one of the following:

- Specify the TARGETZONE or DLIBZONE operand on the REPORT command to indicate which type of zones from the ZONES operand should be processed.
- Respecify the zones or ZONESETs on the ZONES operand for the specified global zone CSI so all of the zones are the same type.

Then rerun the REPORT command.

GIM69244S A GLOBAL ZONE CSI DATA SET NAME IS NOT VALID ON THE ZONES OPERAND FOR THE REPORT *command* COMMAND.

Explanation:

command

Command

The ZONES operand included an invalid value. A global zone CSI data set name can only be specified using this operand for the REPORT CROSSZONE command.

System action: Command processing stops.

Programmer response: Fix the error and rerun the command.

GIM69245W ZONE *zonename* IN THE GLOBAL ZONE IN CSI *dataset* IS THE SAME AS ANOTHER ZONE THAT HAS BEEN SPECIFIED. THE DUPLICATE VALUE HAS BEEN IGNORED.

Explanation:

zone zone name
dataset Global zone CSI data set name

The indicated zone name identifies a target or distribution zone that was specified more than once on the ZONES operand. The indicated zone is defined by a ZONEINDEX subentry in multiple global zones and their ZONEINDEX subentries identify the same CSI data set. Duplicate name zones are allowed, but they must reside in different CSI data sets. The duplicate was specified using either a zone name only (the ZONEINDEX subentry is the SET BOUNDARY global zone), or using a different alternate global zone CSI data set name.

System action: The duplicate value is ignored and command processing continues.

Programmer response: Determine if the zone name was meant to be a unique value, or if the zone name can be ignored. If it was meant to be unique, then fix the specification and rerun the job.

GIM69264S THE *attribute* VALUE EXCEEDS THE *maxlen* CHARACTER MAXIMUM.

Explanation:

attribute attribute name
maxlen maximum length allowed for the specified attribute value

The value specified for the indicated attribute is longer than the maximum length allowed for the attribute value.

System action: Processing stops.

Programmer response: Specify a shorter value for the attribute.

This message will be issued in the following situations:

- Archive name exceeds 756 characters
- Archid value exceeds 243 characters
- Dataname value exceeds 44 characters
- Indxname value exceeds 44 characters
- File name exceeds 1023 characters when it specifies a UNIX file system file or directory.
- File name exceeds 44 characters when it specifies an MVS data set.
- Firewall command exceeds 80 characters
- Host name exceeds 255 characters
- Package file name exceeds 266 characters
- Prefix value exceeds 26 characters
- Subdirectory name exceeds 500 characters
- User, password, or account value exceeds 80 characters

GIM693I SMP/E HAS BEEN WAITING *waitmin* MINUTES FOR ORDER *entname*. SMP/E WILL WAIT A MAXIMUM OF *maxmin* MINUTES.

Explanation:

waitmin time SMP/E has been waiting
entname ORDER entry name
maxmin maximum time SMP/E will wait

The RECEIVE ORDER command has been waiting for the indicated order to be fulfilled by the server, and will continue to wait. The WAIT operand on the RECEIVE ORDER command indicates how long SMP/E is to wait until an order is ready for download. This includes the time associated with connecting to the order server and preparing the order package for download. If the WAIT operand is not specified, then RECEIVE ORDER will wait up to 120 minutes.

System action: RECEIVE ORDER command processing continues.

Programmer response: None.

GIM694I SMP/E HAS WAITED *waitmin* MINUTES FOR ORDER *ordername* AND WILL CONTINUE TO WAIT BECAUSE NOLIMIT WAS SPECIFIED.

Explanation:

waitmin time SMP/E has been waiting
ordername
 ORDER entry name

The RECEIVE ORDER command has been waiting for the indicated order to be fulfilled by the server, and will continue to wait. The NOLIMIT value was specified for the WAIT operand on the RECEIVE ORDER command. This indicates SMP/E will wait indefinitely until the order is ready for download. This includes waiting for a connection to the order server and preparing the order package for download. If the WAIT operand is not specified, then RECEIVE ORDER will wait up to 120 minutes.

System action: RECEIVE ORDER command processing continues.

Programmer response: None.

GIM70505S SMP/E could not obtain enough storage for processing.

Explanation: SMP/E could not obtain the storage that it needed in support of z/OSMF.

System action: Application programming stops.

Programmer response: Decrease the number of target zones being deployed and retry the application.

GIM70510S An unusual condition occurred in *modname*. The requested command is either missing or invalid.

Explanation:

modname
 module experiencing the problem

A command was sent to the identified module, but the module did not recognize the command.

System action: Application programming stops.

Programmer response: Contact the IBM Support Center and provide the error details.

GIM70511S An unusual condition occurred in *modname*. The GLOBAL zone CSI data set name is missing.

Explanation:

modname
 module experiencing the problem

A command was sent to the identified module which requires the specification of a global zone CSI data set name. However, a global zone CSI data set name was not passed to the command.

System action: Application programming stops.

Programmer response: Contact the IBM Support Center and provide the error details.

GIM70512S An unusual condition occurred in *modname*. The list of target zones to be processed is either missing or invalid.

Explanation:

modname
 module experiencing the problem

A command was sent to the identified module which requires a list of target zones to be processed. However, there was an error with the target zones passed to the command.

System action: Application programming stops.

Programmer response: Contact the IBM Support Center and provide the error details.

GIM70513S An unusual condition occurred in *modname*. No input parameters were provided.

Explanation:

modname

module experiencing the problem

A command was sent to the identified module which requires a set of parameters. However, no parameters were passed to the command.

System action: Application programming stops.

Programmer response: Contact the IBM Support Center and provide the error details.

GIM70514S The low-level qualifier of a CSI data set name must be CSI.

Explanation: The lowest-level qualifier for a CSI data set name must be CSI. The data set name provided for processing did not meet this requirement.

System action: Application programming stops.

Programmer response: Enter a valid CSI data set name and retry the application.

GIM70515S The CSI data set name exceeds the 44 character maximum.

Explanation: The CSI data set name provided for processing is longer than 44 characters.

System action: Application programming stops.

Programmer response: Enter a valid CSI data set name and retry the application.

GIM70516S An unusual condition occurred in *modname*. The list of related data sets to be processed is either missing or incorrect.

Explanation:

modname

module experiencing the problem

Additional data sets were specified for processing as part of the software instance. A command was sent to the identified module which required the inclusion of these additional data set. However, the list of additional data sets passed to the command was either missing or incomplete.

System action: Application programming stops.

Programmer response: Contact the IBM Support Center and provide the error details.

GIM70517S An unusual condition occurred in *module*. The volume serial is missing.

Explanation:

module failing module

A command was sent to the identified module which requires a volume serial number. However, a volume serial number was not passed to the command.

System action: Application programming stops.

Programmer response: Contact the IBM Support Center and provide the error details.

GIM70518S An unusual condition occurred in *modname*. The list of entries to be processed is either missing or incorrect.

Explanation:

modname

name of the module experiencing the problem

A command was sent to the identified module which requires a list of entries to be processed. However, the list of entries passed to the command was either missing or incomplete.

System action: Application processing stops.

Programmer response: Contact the IBM Support Center and provide the error details.

GIM70520E Directory *path* for DDDEF *dddefname* in the *zonename* zone is not found or is not mounted.

Explanation:

path directory being processed
dddefname name of DDDEF containing the path
zonename zone containing the DDDEF

An attempt was made to obtain the name of the physical data set containing the directory for the identified DDDEF in the identified zone, but the service was unsuccessful because the directory is either not found or not mounted.

System action: When issued from z/OSMF, the specified path will be flagged in error. The application will continue to collect information about the software instance to be deployed, but the identified path will not be included in subsequent processing and deployment will not occur until this error is resolved.

Programmer response: Fix the error and retry the application.

GIM70521E Permission was denied to directory *path* for DDDEF *dddefname* in the *zonename* zone.

Explanation:

path directory being processed
dddefname name of DDDEF containing the path
zonename zone containing the DDDEF

An attempt was made to obtain the name of the data set containing the directory for the identified ddname, but the service was unsuccessful. The user was denied access to the directory.

System action: When issued from z/OSMF, the specified path will be flagged in error. The application will continue to collect information about the software instance to be deployed, but the identified path will not be included in subsequent processing and deployment will not occur until this error is resolved.

Programmer response: Ensure the user logged into z/OSMF has at least read and execute permission for the specified directory. Read permission allows permission to read, but not search, a directory. Execute permission (or search), allows permission to search a directory. Usually read and execute are used together. Either change the permissions for the directory, or log in with a userid that has the correct permission to the directory, and retry the application.

GIM70522E An attempt to obtain the name of the data set containing directory *path* for DDDEF *dddefname* in the *zonename* zone failed. The return code from the *service* callable service was '*rtncode*'X and the reason code was '*rsncode*'X.

Explanation:

path directory being processed
dddefname name of DDDEF containing the path
zonename zone containing the DDDEF
service callable service name
rtncode return code from callable service in hexadecimal
rsncode reason code from callable service in hexadecimal

An attempt was made to obtain the name of the data set containing the directory for the identified ddname, but the identified UNIX callable service was unsuccessful.

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System action: When issued from z/OSMF, the specified path will be flagged in error. The application will continue to collect information about the software instance to be deployed, but the identified path will not be included in subsequent processing and deployment will not occur until this error is resolved.

Programmer response: See *z/OS UNIX System Services Programming: Assembler Callable Services Reference* to determine the meaning of the return code and reason code given by the service. Correct the error and retry the application.

GIM70523E An attempt to obtain the target path name of symbolic link *path* for DDDEF *dddefname* in the *zonename* zone failed. The return code from the *service* callable service is '*rtncode*'x and the reason code is '*rsncode*'x.

Explanation:

path directory being processed
dddefname name of DDDEF containing the path
zonename zone containing the DDDEF
service callable service name
rtncode return code from callable service in hexadecimal
rsncode reason code from callable service in hexadecimal

An attempt was made to obtain the target path of the symbolic link for the identified *ddname*, but the identified UNIX callable service failed with the indicated return code and reason code.

System action: When issued from z/OSMF, the specified path will be flagged in error. The application will continue to collect information about the software instance to be deployed, but the identified path will not be included in subsequent processing and deployment will not occur until this error is resolved.

Programmer response: See *z/OS UNIX System Services Programming: Assembler Callable Services Reference* to determine the meaning of the return code and reason code given by the service. Correct the error and retry the application.

GIM70524E Data set *datasetname* on volume *volser* from DDDEF entry *dddefname* in *zonetype* zone *zonename* has an unsupported record format for a target or distribution library. The record format is *recfm*.

Explanation:

datasetname name of the data set
volser volume where the data set resides
dddefname name of the DDDEF entry that identifies the data set
zonetype TARGET or DLIB
zonename name of the zone in which the DDDEF entry was found
recfm record format of the data set

The indicated data set is a target or distribution library for an element or load module in the Software Instance being validated. z/OSMF attempted to locate the element or load module in the data set, but the data set has an unsupported record format for a target or distribution library and therefore cannot be opened.

System action: The application will continue to collect information about the Software Instance, but the indicated data set will not be used in subsequent processing.

Programmer response: Ensure the indicated DDDEF entry identifies the correct data set.

GIM70525E *zonetype* zone *zonename* will not be processed because it resides in data set *datasetname* which was previously determined to be in error.

Explanation:

zonetype TARGET or DLIB
zonename name of the zone

datasetname
name of the data set in which the indicated zone resides

The global zone ZONEINDEX subentry indicates that the identified zone resides in the identified data set. However, a previous attempt to validate that data set resulted in an error.

System action: The application will continue to collect information about the Software Instance, but the identified zone will not be included in subsequent processing.

Programmer response: Search the messages associated with the other zones in the Software Instance to find the message which identifies the error with this data set.

GIM70526E Data set *datasetname* is cataloged on volume *volser* but volume *volser* is not mounted or does not exist.

Explanation:

datasetname
name of the data set
volser volume where the data set resides

The identified data set was found in the catalog. An attempt was made to locate the data set on the volume specified in the catalog. However, the volume is not mounted or does not exist.

System action: If the error occurred while the application was collecting information about a software instance, the application will continue but the identified data set will not be included in subsequent processing. At any other time, the application will stop.

Programmer response: Ensure the data set was specified correctly and that the volume is mounted. If the error occurred while collecting information about a software instance, ensure the data set name is correct in any DDDEFs that define that data set.

GIM70527E Data set *datasetname* is cataloged on volume *volser* but data set *datasetname* was not found on volume *volser*.

Explanation:

datasetname
name of the data set
volser volume identified in the catalog

The identified data set was found in the catalog. An attempt was made to locate the data set on the volume specified in the catalog. However, the data set was not found on that volume.

System action: If the error occurred while the application was collecting information about a software instance, the application will continue but the identified data set will not be included in subsequent processing. At any other time, the application will stop.

Programmer response: Ensure the data set was specified correctly and that the catalog entry is correct. If the error occurred while collecting information about a software instance, ensure the data set name is correct in any DDDEFs that define that data set.

GIM70530E Data set *dataset* for DDDEF entry *ddname* in zone *zonename* does not exist in the catalog or the catalog cannot be accessed.

Explanation:

dataset data set name
ddname DDDEF name
zonename
zone containing the DDDEF

The identified data set is not cataloged or the cataloged cannot be accessed.

System action: The application will continue to collect information about the software instance to be deployed, but the identified data set will not be included in subsequent processing and deployment will not occur until this error is resolved.

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Programmer response: Ensure that the identified data set name is correct for the identified library name. If it is correct, either catalog the data set or provide a volume in the DDDEF entry in the identified zone. If the identified data set name is not correct, correct the data set name in the DDDEF entry of the identified zone. Then retry the application.

GIM70531I Data set *dataset* is migrated and is being recalled.

Explanation:

dataset data set name

The identified data set has been migrated. A request has been submitted to recall the data set.

System action: The application will submit a recall for the identified data set and continue to collect information about the software instance to be deployed. But the identified data set will not be included in subsequent processing.

Programmer response: When the data set has been recalled, retry the application.

GIM70531E Data set *dataset* is migrated and is being recalled.

Explanation:

dataset data set name

The identified data set has been migrated. A request has been submitted to recall the data set.

System action: The application will continue to collect information about the software instance to be deployed, but the identified data set will not be included in subsequent processing and deployment will not occur until this error is resolved.

Programmer response: When the data set has been recalled, retry the application.

GIM70532I The *zonename* zone could not be processed because data set *dataset* is in use by another application.

Explanation:

zonename

zone name

dataset data set name

The identified zone could not be processed because the identified CSI data set is in use by another application.

System action: The application will continue to collect information about the software instance to be deployed, but the identified data set will not be included in subsequent processing.

Programmer response: When the data set becomes available, rerun the application.

GIM70532E The *zonename* zone could not be processed because data set *dataset* is in use by another application.

Explanation:

zonename

zone name

dataset data set name

The identified zone could not be processed because the identified CSI data set is in use by another application.

System action: The application will continue to collect information about the software instance to be deployed, but the identified data set will not be included in subsequent processing and deployment will not occur until this error is resolved.

Programmer response: When the data set becomes available, rerun the application.

GIM70533E CSI data set *dataset* for the *zonename* zone does not exist in the catalog or the catalog cannot be accessed.

Explanation:

dataset data set name
zonename
 zone name

The identified data set is not cataloged or the catalog cannot be accessed. A CSI data set must be cataloged.

System action: The application will continue to collect information about the software instance to be deployed, but the identified data set will not be included in subsequent processing and deployment will not occur until this error is resolved.

Programmer response: Ensure that the identified data set name is correct for the identified zone name. If it is correct, catalog the data set. If the identified data set name is not correct, correct the ZONEINDEX entry in the global zone. Then retry the application.

GIM70534E DDDEF *dddefname* in zone *zonename* indicates data set *dataset* resides on volume *volser*, but data set *dataset* was not found on volume *volser*.

Explanation:

dddefname
 DDDEF name
zonename
 zone name
dataset data set name
volser volume identified in the DDDEF

An attempt was made to locate the identified data set on the identified volume. But the data set was not found on that volume.

System action: The application will continue to collect information about the software instance to be deployed, but the identified data set will not be included in subsequent processing and deployment will not occur until this error is resolved.

Programmer response: Ensure that the identified data set name is correct in the DDDEF in the identified zone. If it is correct, provide the correct volume in the DDDEF entry. If the identified data set name is not correct, correct the data set name in the DDDEF entry in the identified zone. Then retry the application.

GIM70535E DDDEF *dddefname* in zone *zonename* indicates data set *dataset* resides on volume *volser*, but volume *volser* is not mounted or does not exist.

Explanation:

dddefname
 DDDEF name
zonename
 zone name
dataset data set name
volser volume identified in the DDDEF

An attempt was made to locate the identified data set on the identified volume. But the volume is not mounted or does not exist.

System action: The application will continue to collect information about the software instance to be deployed, but the identified data set will not be included in subsequent processing and deployment will not occur until this error is resolved.

Programmer response: Ensure that the identified data set name is correct in the DDDEF in the identified zone. If it is correct, provide the correct volume in the DDDEF entry. If the identified data set name is not correct, correct the data set name in the DDDEF entry in the identified zone. Then retry the application.

GIM70536E The OBTAIN macro failed while trying to access data set *dataset* on volume *volser*. The return code was *rc*.

Explanation:

dataset data set name
volser volume serial number
rc OBTAIN macro return code

An attempt was made to locate the identified data set on the identified volume. But the OBTAIN macro failed with the identified return code.

System action: The application will continue to collect information about the software instance to be deployed, but the identified data set will not be included in subsequent processing and deployment will not occur until this error is resolved.

Programmer response: See *z/OS DFSMSdfp Advanced Services* to determine the reason for the OBTAIN macro failure. Fix the error and retry the application.

GIM70537E Data set *dataset* was not found on volume *volser*.

Explanation:

dataset data set name
volser volume serial number

An attempt was made to locate the identified data set on the identified volume. But the data set was not found on that volume.

System action: The application will continue to collect information about the software instance to be deployed, but the identified data set will not be included in subsequent processing and deployment will not occur until this error is resolved.

Programmer response: Ensure that the data set exists on the indicated volume and retry the application.

GIM70538E Volume *volser* is not mounted or does not exist.

Explanation:

volser volume serial number

The application is looking for a data set on the specified volume or attempting to obtain space information for a volume, but the volume is either not mounted or does not exist.

System action: If looking for a data set, application processing continues, but the data set will not be included in further processing. If attempting to obtain space information for a volume, application processing stops.

Programmer response: Ensure that the volume exists and is mounted. Then retry the application.

GIM70538S Volume *volser* is not mounted or does not exist.

Explanation:

volser volume serial number

The application is looking for a data set on the specified volume or attempting to obtain space information for a volume, but the volume is either not mounted or does not exist.

System action: Application processing stops.

Programmer response: Ensure that the volume exists and is mounted. Then retry the application.

GIM70539E One or more volume symbolics could not be resolved for data set *dataset*. The volume list for the data set is *vollist*.

Explanation:

dataset data set
vollist list of volumes on which the data set is cataloged

The specified data set resides on a volume that was defined using a symbolic. The symbolic could not be resolved using the ASASYMBM assembler service.

System action: The symbolic appears in the volume list for the data set. Application processing continues, but the identified data set will not be included in further processing. Then retry the application.

Programmer response: Locate the unresolved symbolic in the volume list for the identified data set. Ensure that this symbolic is defined in the proper PARMLIB member.

GIM70540E Data set *dataset* does not exist in the catalog or the catalog cannot be accessed.

Explanation:

dataset data set

The identified data set was explicitly specified for inclusion in the software instance. However, it was not found in the catalog or the catalog cannot be accessed.

System action: The application will continue to collect information about the software instance to be deployed, but the identified data set will not be included in subsequent processing and deployment will not occur until this error is resolved.

Programmer response: Ensure that the identified data set name is correct. If the data set name is correct, either catalog the data set or include the volume when specifying the data set for inclusion in the software instance.

GIM70541E Data set *dataset* for the *zonename* zone was not found on volume *volser*.

Explanation:

zonename

zone name

dataset data set

volser volume serial number

The catalog indicates that the identified CSI data set containing the identified zone resides on the identified volume. However, the data set was not found on that volume.

System action: The application will continue to collect information about the software instance to be deployed, but the identified data set will not be included in subsequent processing and deployment will not occur until this error is resolved.

Programmer response: Ensure that the data set exists on the specified volume and retry the application.

GIM70542E Volume *volser* for the *zonename* zone in data set *dataset* is not mounted or does not exist.

Explanation:

zonename

zone name

dataset data set

volser volume serial number

The catalog indicates that the identified CSI data set containing the identified zone resides on the identified volume. However, the volume is either not mounted or does not exist.

System action: The application will continue to collect information about the software instance to be deployed, but the identified data set will not be included in subsequent processing and deployment will not occur until this error is resolved.

Programmer response: Ensure that the volume is mounted and retry the application.

GIM70543E One or more volume symbolics could not be resolved for data set *dataset* which contains the *zonename* zone. The volume list for the data set is *vollist*.

Explanation:

dataset data set

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zonename

the name of the zone which exists in the specified data set

vollist list of volumes on which the data set is cataloged

The identified data set resides on a volume that is defined using a symbolic. The symbolic could not be resolved using the ASASYMBM assembler service.

System action: The symbolic appears in the volume list for that data set. Application processing continues, but the identified data set will not be included in further processing.

Programmer response: Locate the unresolved symbolic in the volume list for the identified data set. Ensure that this symbolic is defined in the proper PARMLIB member. Then retry the application.

GIM70544E The UCBSCAN macro failed while attempting to obtain the UCB for volume *volser*. The return code was *rc* and the reason code was *reason*.

Explanation:

volser volume serial number

rc UCBSCAN macro return code

vollist UCBSCAN macro reason code

An attempt was made to obtain the UCB for the identified volume using the UCBSCAN macro. However, the UCBSCAN macro failed for the identified reason.

System action: Application programming stops.

Programmer response: See *z/OS MVS Programming: Authorized Assembler Services Reference SET-WTO* to determine the reason for the UCBSCAN macro failure. Fix the error and retry the application.

GIM70544S The UCBSCAN macro failed while attempting to obtain the UCB for volume *volser*. The return code was *rc* and the reason code was *reason*.

Explanation:

volser volume serial number

rc UCBSCAN macro return code

vollist UCBSCAN macro reason code

An attempt was made to obtain the UCB for the identified volume using the UCBSCAN macro. However, the UCBSCAN macro failed for the identified reason.

System action: Application programming stops.

Programmer response: See *z/OS MVS Programming: Authorized Assembler Services Reference SET-WTO* to determine the reason for the UCBSCAN macro failure. Fix the error and retry the application.

GIM70545E Data set space information cannot be determined for data set *dataset*.

Explanation:

dataset data set name

The data set allocation information could not be obtained for the identified data set.

System action: The application will continue to collect information about the software instance to be deployed, but the identified data set will not be included in subsequent processing and deployment will not occur until this error is resolved.

Programmer response: Ensure that the identified data set is available and accessible. Then retry the application.

GIM70546E The LSPACE macro failed while attempting to obtain space information for volume *volser*. The return code was *rc*.

Explanation:

volser volume serial number

rc LSPACE macro return code

An attempt was made to obtain space information for the identified volume but the LSPACE macro failed with the identified return code.

System action: Application processing stops.

Programmer response: See *z/OS DFSMSdfp Advanced Services* to determine the reason for the LSPACE macro failure. Fix the error and retry the application.

GIM70547E Unsupported or unknown device type encountered for volume *volser*.

Explanation:

volser volume serial number

While attempting to determine the type of device on which a data set is allocated, an unknown or unsupported type was encountered.

System action: The application will continue to collect information about the software instance to be deployed, but the identified data set will not be included in subsequent processing and deployment will not occur until this error is resolved.

Programmer response: Ensure that the identified data set is allocated on a supported volume type. Then retry the application. The supported device types are 3375, 3380, 3390 and 9345.

GIM70548E Data set *dataset* for the *zonename* zone is an invalid data set type for a CSI.

Explanation:

dataset data set name

zonename

zone name

The identified data set was specified as the CSI containing the identified zone name, but the data set type was determined to be invalid for a CSI. In order for this CSI data set to be included in the deployment, it must be defined as a VSAM data set.

System action: The application will continue to collect information about the software instance to be deployed, but the identified data set will not be included in subsequent processing and deployment will not occur until this error is resolved.

Programmer response: Verify that the correct data set was identified in the global zone ZONEINDEX entry for the identified zone. Then retry the application.

GIM70549E Data set *dataset* cannot be processed because the data set type is not supported.

Explanation:

dataset data set name

The identified data set was determined to be a data set type that is not VSAM, non-VSAM, or an alias or path. These data set types are not supported in a deployment.

System action: The application will continue to collect information about the software instance to be deployed, but the identified data set will not be included in subsequent processing and deployment will not occur until this error is resolved.

Programmer response: Remove the data set from the list software instance. Then retry the application.

GIM70550S The macro *macro* failed while attempting to obtain a list of data sets for volume *volser*. The return code was *rc*.

Explanation:

macro name of failing macro

volser volume serial number

rc macro return code

The identified macro failed while attempting to obtain a list of data sets on the identified volume.

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System action: Application processing stops.

Programmer response: See *z/OS DFSMSdfp Advanced Services* to determine the reason for the macro failure. Fix the error and retry the application.

GIM70552I Only the track managed space on the volume is displayed and used for space calculations. Cylinder managed space is ignored.

Explanation: The volume contains cylinder-managed space. However, only the track-managed space will be displayed and included in the space calculations for this volume. The cylinder managed space is ignored.

System action: Application processing continues.

Programmer response: None.

GIM70560E A DDDEF entry for *ddname* is required in zone *zonename* but was not found.

Explanation:

ddname ddname

zonename

zone name

The identified *ddname* was found as a SYSLIB, DISTLIB or SIDEDECKLIB library for an element that is installed in the identified zone. In order for this library to be included in the deployment, a DDDEF must be defined in the identified zone.

System action: The application will continue to collect information about the software instance to be deployed, but the identified data set will not be included in subsequent processing and deployment will not occur until this error is resolved.

Programmer response: Create a DDDEF for the *ddname* in the identified zone and retry the application.

GIM70561E The DDDEF entry for *ddname* in zone *zonename* must identify a DATASET or a PATH subentry.

Explanation:

ddname ddname

zonename

zone name

The identified *ddname* was found as a SYSLIB, DISTLIB or SIDEDECKLIB library for an element that is installed in the identified zone. In order for this library to be included in the deployment, it must be associated with either a data set or a directory path.

System action: The application will continue to collect information about the software instance to be deployed, but the identified data set will not be included in subsequent processing and deployment will not occur until this error is resolved.

Programmer response: Correct the DDDEF in the identified zone to identify the proper DATASET or PATH and retry the application.

GIM70562E *elementtype elementname* was not found in data set *datasetname* on volume *volser* from DDDEF entry *dddefname* in *zonetype* zone *zonename*. The FMID for *elementname* is *fmid* and the RMID is *rmid*.

Explanation:

elementtype

type of element

elementname

name of the element

datasetname

name of the data set

volser volume where the data set resides

dddefname

name of the DDDEF entry that identifies the data set

zonetype
TARGET or DLIB

zonename
name of the zone in which the DDDEF entry was found

fmid FMID of the element

rmid RMID of the element

The indicated element is part of the Software Instance being validated. It was found in the indicated zone and it named the indicated DDDEF as its SYSLIB or DISTLIB. However, the element does not exist in the data set identified by the DDDEF entry.

System action: The application will continue to collect information about the Software Instance.

Programmer response: Determine why the element does not exist in the data set. If the FMID or RMID is blank in the message, the SYSMOD that provided the element may be in error. Use the SMP/E LIST XREF command to determine the SYSMOD.

GIM70563E *A valuetype for elementtype elementname was not found in data set datasetname on volume volser from DDDEF entry dddefname in zonetype zone zonename. The FMID is fmid and the RMID is rmid. The valuetype is valuenamename.*

Explanation:

valuetype
ALIAS, LINK or SYMLINK

elementtype
type of element to which the ALIAS, LINK or SYMLINK is associated

elementname
name of the element to which the ALIAS, LINK or SYMLINK is associated

datasetname
name of the data set

volser volume where the data set resides

dddefname
name of the DDDEF entry that identifies the data set

zonetype
TARGET or DLIB

zonename
name of the zone in which the DDDEF entry was found

fmid FMID of the element

rmid RMID of the element

valuenamename
name of the ALIAS, LINK or SYMLINK (This value may be truncated.)

The indicated value is associated with the indicated element which is part of the Software Instance being validated. The element was found in the indicated zone and it named the indicated DDDEF as its SYSLIB or DISTLIB. However, the indicated value does not exist in the data set identified by the DDDEF entry.

System action: The application will continue to collect information about the Software Instance.

Programmer response: Determine why the value does not exist in the data set. If the FMID or RMID is blank in the message, the SYSMOD that provided the associated element may be in error. Use the SMP/E LIST XREF command to determine the SYSMOD.

GIM70564E *elementtype elementname was not found in data set datasetname on volume volser from DDDEF dddefname in zonetype zone zonename.*

Explanation:

elementtype
type of element (LMOD)

elementname
name of the load module

datasetname
name of the data set

volser volume where the data set resides

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dddefname
name of the DDDEF entry that identifies the data set

zonetype
TARGET or DLIB

zonename
name of the zone in which the DDDEF entry was found

The indicated load module is part of the Software Instance being validated. It was found in the indicated zone and it named the indicated DDDEF as its SYSLIB or SIDEDECK. However, the load module does not exist in the data set identified by the DDDEF entry.

System action: The application will continue to collect information about the Software Instance.

Programmer response: Determine why the load module does not exist in the data set.

GIM70565E A *valuetype* for *elementtype elementname* was not found in data set *datasetname* on volume *volser* from DDDEF entry *dddefname* in *zonetype* zone *zonename*. The *valuetype* is *valuename*.

Explanation:

valuetype
ALIAS, LINK or SYMLINK

elementtype
type of element to which the ALIAS, LINK or SYMLINK is associated (LMOD)

elementname
name of the load module to which the ALIAS, LINK or SYMLINK is associated

datasetname
name of the data set

volser volume where the data set resides

dddefname
name of the DDDEF entry that identifies the data set

zonetype
TARGET or DLIB

zonename
name of the zone in which the DDDEF entry was found

valuename
name of the ALIAS, LINK or SYMLINK (This value may be truncated.)

The indicated value is associated with the indicated load module which is part of the Software Instance being validated. The load module was found in the indicated zone and it named the indicated DDDEF as its SYSLIB or SIDEDECK. However, the value does not exist in the library identified by the DDDEF entry.

System action: The application will continue to collect information about the Software Instance.

Programmer response: Determine why the value does not exist in the data set.

GIM70566E *elementtype elementname* was not found in directory *dirname* from DDDEF entry *dddefname* in *zonetype* zone *zonename*. The FMID for *elementname* is *fnid* and the RMID is *rmid*.

Explanation:

elementtype
type of element

elementname
name of the element

dirname name of the directory

dddefname
name of the DDDEF entry that identifies the directory

zonetype
TARGET or DLIB

zonename
name of the zone in which the DDDEF entry was found

fnid FMID of the element

rmid RMID of the element

The indicated element is part of the Software Instance being validated. It was found in the indicated zone and it named the indicated DDDEF as its SYSLIB or DISTLIB. However, the element does not exist in the directory identified by the DDDEF entry.

System action: The application will continue to collect information about the Software Instance.

Programmer response: Determine why the element does not exist in the directory. If the FMID or RMID is blank in the message, the SYSMOD that provided the element may be in error. Use the SMP/E LIST XREF command to determine the SYSMOD.

GIM70567E *A valuetype for elementtype elementname was not found in directory dirname from DDDEF entry dddefname in zonetype zone zonename. The FMID is fmid and the RMID is rmid. The valuetype is valuename.*

Explanation:

valuetype

ALIAS, LINK or SYMLINK

elementtype

type of element to which the ALIAS, LINK or SYMLINK is associated

elementname

name of the element to which the ALIAS, LINK or SYMLINK is associated

dirname name of the directory

dddefname

name of the DDDEF entry that identifies the directory

zonetype

TARGET or DLIB

zonename

name of the zone in which the DDDEF entry was found

fmid FMID of the element

rmid RMID of the element

valuename

name of the ALIAS, LINK or SYMLINK (This value may be truncated.)

The indicated value is associated with the indicated element which is part of the Software Instance being validated. The element was found in the indicated zone and it named the indicated DDDEF as its SYSLIB or DISTLIB. However, the indicated value does not exist in the directory identified by the DDDEF entry.

System action: The application will continue to collect information about the Software Instance.

Programmer response: Determine why the value does not exist in the directory. If the FMID or RMID is blank in the message, the SYSMOD that provided the associated element may be in error. Use the SMP/E LIST XREF command to determine the SYSMOD.

GIM70568E *elementtype elementname was not found in directory dirname from DDDEF dddefname in zonetype zone zonename.*

Explanation:

elementtype

type of element (LMOD)

elementname

name of the load module

dirname name of the directory

dddefname

name of the DDDEF entry that identifies the directory

zonetype

TARGET or DLIB

zonename

name of the zone in which the DDDEF entry was found

The indicated load module is part of the Software Instance being validated. It was found in the indicated zone and it named the indicated DDDEF as its SYSLIB or SIDEDECK. However, the load module does not exist in the directory identified by the DDDEF entry.

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System action: The application will continue to collect information about the Software Instance.

Programmer response: Determine why the load module does not exist in the directory.

GIM70569E A *valuetype* for *elementtype* *elementname* was not found in directory *dirname* from DDDEF entry *dddefname* in *zonetype* zone *zonename*. The *valuetype* is *valuename*.

Explanation:

valuetype

ALIAS, LINK or SYMLINK

elementtype

type of element to which the ALIAS, LINK or SYMLINK is associated (LMOD)

elementname

name of the load module to which the ALIAS, LINK or SYMLINK is associated

dirname name of the directory

dddefname

name of the DDDEF entry that identifies the directory

zonetype

TARGET or DLIB

zonename

name of the zone in which the DDDEF entry was found

valuename

name of the ALIAS, LINK or SYMLINK (This value may be truncated.)

The indicated value is associated with the indicated load module which is part of the Software Instance being validated. The load module was found in the indicated zone and it named the indicated DDDEF as its SYSLIB or SIDEDECK. However, the value does not exist in the directory identified by the DDDEF entry.

System action: The application will continue to collect information about the Software Instance.

Programmer response: Determine why the value does not exist in the directory.

GIM70570S THIS JOB STEP WAS NOT GENERATED BY z/OSMF SOFTWARE DEPLOYMENT AND IS NOT AUTHORIZED TO RUN THE GIMADR UTILITY.

Explanation: GIMADR did not recognize the job step as having been generated by z/OSMF. Therefore, the job step is not authorized to run the GIMADR utility.

System action: Processing stops for the failing job step and continues with the next job step.

Programmer response: If the job step was generated by z/OSMF and not modified in any way, contact your IBM Support Center and provide the error details.

GIM70580E Zone *zonename* is not defined by a ZONEINDEX subentry in the GLOBAL zone in *dataset*.

Explanation:

zonename

zone name

dataset global data set name

The identified zone was selected for processing, but it is not defined by a ZONEINDEX subentry in the GLOBAL zone residing in the identified CSI data set.

System action: The application will continue to collect information about the software instance to be deployed, but the identified data set will not be included in subsequent processing and deployment will not occur until this error is resolved.

Programmer response: Create a ZONEINDEX subentry for the zone in the identified global zone and retry the application.

GIM70581E Zone *zonename* is not defined as a TARGET zone in the ZONEINDEX subentry in the GLOBAL zone in *dataset*.

Explanation:*zonename*

zone name

dataset global data set name

The identified zone was selected for processing as a target zone, but the ZONEINDEX entry in the global zone identifies this zone as a DLIB zone.

System action: The application will continue to collect information about the software instance to be deployed, but the identified data set will not be included in subsequent processing and deployment will not occur until this error is resolved.

Programmer response: Correct the ZONEINDEX subentry in the identified global zone or remove the target zone from the list of selected zones. Then retry the application.

GIM70582E No related DISTRIBUTION zone is defined for TARGET zone *zonename*.

Explanation:*zonename*

zone name

Related distribution zones were requested to be included in the deployment. However, there is no related zone specified in the TARGETZONE entry for the identified target zone.

System action: The application will continue to collect information about the software instance to be deployed, but deployment will not occur until this error is resolved.

Programmer response: Add a RELATED subentry to the TARGETZONE entry of the identified zone or do not include distribution zones in the deployment. Then retry the application.

GIM70583E The *zonename* zone is not defined in CSI data set *dataset*.

Explanation:*zonename*

zone name

dataset CSI data set name

The identified zone has not been defined. A TARGETZONE entry (if the identified zone is a target zone) or DLIBZONE entry (if the identified zone is a distribution zone) entry must be created in order to define the zone.

System action: The application will continue to collect information about the software instance to be deployed, but deployment will not occur until this error is resolved.

Programmer response: Create a TARGETZONE or DLIBZONE entry for the identified zone using either the SMP/E Administration dialog or the SMP/E UCLIN command. A TARGETZONE entry will identify the related dlib zone. A DLIBZONE entry will identify the related target zone. Either entry will identify the SRELS (system releases) that may be supported by the zone.

GIM70584S Connect processing failed for the *zonename* zone in data set *dataset*.

Explanation:*zonename*

zone name

dataset name of the data set containing the identified zone

The identified zone in the identified data set could not be accessed.

System action: Application processing stops.

Programmer response: Fix the error and retry the application.

GIM70585E Open processing failed for the *zonename* zone in data set *dataset*.

Explanation:

zonename

zone name

dataset name of the data set containing the identified zone

An attempt was made to open the identified zone, but an error occurred.

System action: If processing the global zone, application processing stops. If processing a target or dlib zone, the application will continue to collect information about the software instance to be deployed, but the identified zone will not be included in the subsequent processing and deployment will not occur until the error is resolved.

Programmer response: Fix the error and retry the application.

GIM70586E An I/O error occurred when trying to access a record in the *zonename* zone in data set *dataset*.

Explanation:

zonename

zone name

dataset name of the data set containing the identified zone

An attempt to access a record in the identified zone resulted in an error.

System action: If processing the global zone, application processing stops. If processing a target or dlib zone, the application will continue to collect information about the software instance to be deployed, but the identified zone will not be included in the subsequent processing and deployment will not occur until the error is resolved.

Programmer response: Fix the error and retry the application.

GIM70587E *service* processing failed for data set *datasetname*. The system abend code was *abendcode* and the reason code was *abendrscnocode*.

Explanation:

service failing service (OPEN, CLOSE)

datasetname

name of the data set

abendcode

abend code

abendrscnocode

abend reason code

The indicated service was attempted on the indicated data set. However, the service failed with the indicated abend and reason codes.

System action: When issued from z/OSMF, the data set will be flagged in error. The application will continue to collect information about the Software Instance, but the data set will not be included in subsequent processing. For all other applications, processing will stop.

Programmer response: See *z/OS MVS System Codes* to determine the meaning of the abend and reason code given by the service. Correct the error and retry the application.

GIM70588E *service* processing failed for data set *datasetname*. The return code was *returncode* and the reason code was *reasoncode*.

Explanation:

service failing service

datasetname

name of the data set

returncode

return code from the indicated service

reasoncode

reason code from the indicated service

The indicated service was attempted on the indicated data set. However, the service failed with the indicated return and reason codes. When the service is DESERV GET_ALL, an attempt was being made to obtain the list of members residing in the indicated data set.

System action: When issued from z/OSMF, the data set will be flagged in error. The application will continue to collect information about the Software Instance, but the data set will not be included in subsequent processing. For all other applications, processing will stop.

Programmer response: See *z/OS DFSMS Macro Instructions for Data Sets* to determine the meaning of the abend and reason code given by the service. Correct the error and retry the application.

GIM70700T UTILITY *progname* WAS NOT FOUND.

Explanation:

progname
utility name

The copy utility specified on the INVOKE control card of the GIMIAP job could not be located on the system.

System action: Processing of the job step is terminated.

Programmer response: Do one of the following:

- Ensure that the name specified is correct.
- Make sure that the copy utility is installed on the system.

GIM70704S THE GIMIAP JOB STEP CONTAINS MORE THAN ONE INVOKE STATEMENT. ONLY ONE IS ALLOWED.

Explanation: A job step within the copy job contained more than one INVOKE statement. Each job step can have only one INVOKE statement.

System action: Processing of the job step is terminated.

Programmer response: Ensure that the job step contains no more than 1 INVOKE statement and rerun the job.

GIM70705I GIMIAP PROCESSING IS COMPLETE. THE HIGHEST RETURN CODE WAS *rtncode*.

Explanation: All data elements were processed. If the return code is greater than zero, there may have been problems with some of them.

rtncode return code

System action: The return code determines the system action.

Programmer response: If the return code is zero, no action is required. If the return code is greater than zero, find the message that applies to the data element with the problem. Correct the problem, if necessary.

GIM70707S THE *ctlcard1* CONTROL CARD IS MISSING. ONE IS EXPECTED BEFORE THE *ctlcard2* CONTROL CARD.

Explanation:

ctlcard1 name of GIMIAP control card
ctlcard2 name of GIMIAP control card

Either a COPY or INVOKE statement is missing.

System action: Processing of the job step is terminated.

Programmer response: Ensure that the job step contains an INVOKE statement and at least one copy statement. Then rerun the job.

GIM70708S GIMIAP COULD NOT OBTAIN ENOUGH STORAGE FOR PROCESSING.

Explanation: GIMIAP could not GETMAIN the storage that it needed.

System action: Processing of the job step is terminated.

Programmer response: Increase the storage for the execution of this job. Rerun the job.

GIM70709E NO ELEMENTS WERE IDENTIFIED TO BE COPIED FROM LIBRARY *library1* TO LIBRARY *library2*.

Explanation:

library1 the FROMLIB value from the active COPY statement

library2 the TOLIB value from the active COPY statement

A COPY statement was encountered, but no SELECT statements follow it.

System action: Processing continues.

Programmer response: If elements were to have been copied from this library, add the SELECT statements and rerun the job step.

GIM70710E NO ELEMENTS WERE IDENTIFIED TO BE COPIED IN THIS JOB STEP.

Explanation: An INVOKE statement existed with no COPY or SELECT statements.

System action: Processing continues to the next job step.

Programmer response: If elements were to have been copied in this job step, add the necessary COPY and SELECT statements and rerun the job step.

GIM70711T *library* DD STATEMENT WAS NOT FOUND.

Explanation:

library name of the library for which a DD statement was not found.

The JCL for this job step does not contain a DD statement for the specified library.

System action: The job step terminates.

Programmer response: Ensure that there is a proper DD statement for the library, then rerun the job step.

GIM70712E *elmtyp*ELEMENT *elmname* WAS NOT FOUND IN LIBRARY *library*.

Explanation:

elmtyp element type or blank

elmname

name of the element being installed

library library name

The element being installed could not be found in the library indicated.

System action: Processing continues.

Programmer response: Ensure that correct library has been identified.

GIM70713E AN ERROR WAS ENCOUNTERED BY SHELL SCRIPT *shellscr* WHILE INSTALLING *elmtyp* *elmname*.

Explanation:

shellscr shell script name

elmtyp element type

elmname

name of element being installed

Shell script processing failed for the indicated element.

System action: Processing continues with the next selected element.

Programmer response: Check the shell script output in the PRINT data set to determine the cause of the failure. Fix the error and rerun the job step.

Note: SYSPRINT is SMP/E's default print data set, and is used if no PRINT subentry was specified in the active UTILITY entry for the HFSCOPY utility.

GIM70714E SHELL SCRIPT PROCESSING FOR *elmttype elmname* FAILED. SERVICE *service* ENDED WITH RETURN CODE *rtncode* AND REASON CODE *rsncode*.

Explanation:

elmttype element type

elmname

element name

service callable service name

rtncode return code

rsncode reason code

Shell script processing failed for the indicated element. SMP/E called the indicated service, but the service was unsuccessful.

System action: Processing continues with the next selected element.

Programmer response: See *z/OS UNIX System Services Programming: Assembler Callable Services Reference* for the cause of the error. Correct the error and rerun the job step.

GIM70715E AN ERROR OCCURRED DURING A *command* OPERATION TO THE *dataset* DATA SET.

Explanation:

command

OPEN or WRITE

dataset ddname of print data set

An error occurred while opening or writing to the print data set. GIMIAP opens and writes shell script output to the print data set.

System action: Processing continues with the next selected element.

Programmer response: Ensure that a DD statement exists for print and the DCB information is correct. Fix the error and rerun the job step.

GIM70716E *member* NOT REPLACED FROM INPUT DATA SET BECAUSE REPLACE WAS NOT SPECIFIED ON THE INVOKE CONTROL CARD.

Explanation:

member member name

The member specified already exists in the output data set. It is not replaced because REPLACE was not specified on the INVOKE control card, which is determined by the GENERATE command.

System action: Processing continues. However, the member has not been replaced with the new element.

Programmer response: Verify the output. If not correct, issue the GENERATE command with the REPLACE option to ensure members are replaced.

GIM70717I GIMIAP PROCESSING TO THE *library* LIBRARY WAS SUCCESSFUL FOR *enttype entname*.

Explanation:

library ddname of the library to which the element was to be installed.

enttype entry type

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entname
entry name

The indicated element was successfully processed.

System action: Processing continues.

Programmer response: None.

GIM70718E GIMIAP PROCESSING TO THE *library* LIBRARY FAILED FOR *enttype entname*.

Explanation:

library ddname of the library to which the element is to be installed.

enttype entry type

entname
entry name

SMP/E processing failed for the indicated element.

System action: Processing fails for the associated element and possibly related elements. Processing stops for the element.

Programmer response:

Programmer response: Look in SMPOUT for additional messages pertaining to this problem. Respond to the problem as described in those messages.

GIM70720S GIMIAP PROCESSING FROM THE *library1* LIBRARY TO THE *library2* LIBRARY FAILED. THERE IS AN INCONSISTENCY IN THE DATA SET ATTRIBUTES. THE REASON CODE IS *rsncode*.

Explanation:

library1 ddname of the library from which the elements were to be copied or reformatted

library2 ddname of the library to which the elements were to be installed.

rsncode reason for the failure

GIMIAP processing failed for the indicated libraries. The reason codes and their meanings are:

- 02 The input and output data sets must have either a partitioned or sequential organization.
- 03 The record format of the input data set is not supported by SMP/E. The supported formats are F, FB, FS, FBS, FA, FBA, FM, FBM, V, VB, VA, VBA, VM, VBM, VS, and VBS.
- 04 A data set with record format VS must have a record length at least as large as that of the data set from which it is copying the element.
- 05 A data set with record format VBS must have a block size equal to that of the data set from which it is copying the element.
- 06 The record format of the output data set is not compatible with the record format of the input data set. Compatible record formats are:

Input Output

F, FB F, FB, FS, FBS, FA, FBA, FM, FBM, V, VB, VA, VBA, VM, VBM

FS, FBS
F, FB, FS, FBS, FA, FBA, FM, FBM, V, VB, VA, VBA, VM, VBM

FA, FBA
F, FB, FS, FBS, FA, FBA, V, VB, VA, VBA

FM, FBM
F, FB, FS, FBS, FM, FBM, V, VB, VM, VBM

V, VB F, FB, FS, FBS, FA, FBA, FM, FBM, V, VB, VA, VBA, VM, VBM

VA, VBA
F, FB, FS, FBS, FA, FBA, V, VB, VA, VBA

VM, VBM
F, FB, FS, FBS, FM, FBM, V, VB, VM, VBM

VS VS

VBS VBS

- 07 The record length and block size of the library are not compatible. If the data set is fixed format, the block size must be evenly divisible by the record length. If the data set is variable format, the block size must be at least 4 larger than the record length.
- 08 The input data is not completely defined (that is, its data set organization, record format, or record length is zero).
- 09 The output data set organization is not defined.

System action: Processing stops for the indicated libraries.

Programmer response: Correct the inconsistent data set attribute and rerun the job.

GIM70721I GIMIAP PROCESSING TO THE *library* LIBRARY WAS SUCCESSFUL FOR *enttype entname*. BLANK DATA HAS BEEN TRUNCATED.

Explanation:

library ddname of the library to which the element was to be installed.
enttype entry type
entname entry name

The indicated element was successfully processed. However, blank data has been truncated during the installation of the element. You should check the output to verify that the results are acceptable.

System action: Processing continues.

Programmer response: None.

GIM70722E STOW PROCESSING TO THE *library* LIBRARY FAILED FOR *alias* (ALIAS of *elmttype elmname*).

Explanation:

library ddname of the library into which the alias was to be installed.
alias alias name
elmttype data element type
elmname data element name

STOW processing failed for the indicated alias, leaving the installation of the data element incomplete.

System action: Processing continues.

Programmer response: Verify that there are no I/O errors on the indicated library, check the size of the directory for the indicated library, and try to rerun the job.

GIM70723E GIMIAP PROCESSING TO THE *library* LIBRARY FAILED FOR *enttype entname*. NON-BLANK DATA WOULD HAVE BEEN TRUNCATED.

Explanation:

library ddname of the library to which the element was to be installed.
enttype entry type
entname entry name

The indicated element was not processed because non-blank data would have been truncated during the installation of the element.

System action: Processing stops for the data element.

GIM70724S • GIM70727S

Programmer response: Increase the record length of the output data set so that it matches the record length of the input data set. Then, rerun the job.

GIM70724S INVALID ELEMENT TYPE *elmttype* FOUND IN SELECT CONTROL CARD.

Explanation:

elmttype element type

Based on the INVOKE control statement, GIMIAP is expected to process either data elements or hierarchical file system elements. If data elements were to be processed, then all SELECT control statements need to identify data elements. If hierarchical file system elements were to be processed, then all SELECT statements must identify hierarchical file system elements. The invalid element type did not follow this rule.

System action: GIMIAP processing stops.

Programmer response: Ensure that the SELECT statements specify either all data elements or all hierarchical file system elements, and that they match the utility that INVOKE specifies (COPY for data elements or HFSCOPY for hierarchical file system elements). After correcting the problem, rerun the job.

GIM70725S GIMIAP PROCESSING HAS FAILED FOR LIBRARY *library*. THE LIBRARY IS SEQUENTIAL, YET MORE THAN ONE DATA ELEMENT HAS BEEN SELECTED FOR IT.

Explanation:

library ddname of the library to which the element was to be installed.

The COPY statement's TOLIB value identified a library that is a sequential data set. The associated SELECT statement or statements identified more than one data element to be copied to the library. A sequential data set can only hold one data element.

System action: GIMIAP processing stops for all SELECTS associated with the COPY statement.

Programmer response: Ensure that the library identified by the TOLIB value on the COPY statement is correct and should be sequential. If true, then select only one data element. Rerun the job.

GIM70726S GIMIAP PROCESSING HAS FAILED FOR LIBRARY *library*. IT IS NEITHER A PARTITIONED NOR A SEQUENTIAL DATA SET. THIS IS NOT ALLOWED FOR THE FROMLIB.

Explanation:

library ddname of the library from which the element was to be installed.

The COPY statement's FROMLIB identified a library that is neither a sequential nor partitioned data set. The FROMLIB is a distribution library, which must always be sequential or partitioned.

System action: GIMIAP processing stops.

Programmer response: Ensure that the library identified by the FROMLIB in the COPY statement is correct. Rerun the job.

GIM70727S GIMIAP PROCESSING HAS FAILED FOR LIBRARY *library*. IT HAS A DATA SET ORGANIZATION OF *dsorg* THAT IS NOT COMPATIBLE WITH THE *elmttype* ELEMENT TYPE BEING PROCESSED.

Explanation:

library ddname of the library to which the element was to be installed.

dsorg data set organization of the library.

elmttype the element type being processed.

The DSORG of the library is not compatible with the element type. For instance, if the element type is a data element, then the library cannot have a DSORG of HFS (hierarchical file system). Conversely, if the element type is HFS, the library cannot have a DSORG of PO (partitioned) or PS (sequential). It is possible that the library has a DSORG of UNK (unknown), which always results in a failure.

System action: GIMIAP processing stops.

Programmer response: Ensure that the library identified in the COPY statement is correct. Rerun the job.

GIM70728S OPERAND *operand1* ON CONTROL STATEMENT *stmname1* CANNOT BE USED WHEN OPERAND *operand2* IS PRESENT ON CONTROL STATEMENT *stmname2*. THE OPERANDS ARE MUTUALLY EXCLUSIVE.

Explanation:

operand1
operand name
stmname1
control statement name
operand2
operand name
stmname2
control statement name

The operand identified in the first statement cannot be used when the operand identified in the second control statement is present.

System action: GIMIAP processing stops.

Programmer response: Ensure that the operand present in the first statement identified is allowed when the operand in the second statement is used. Either change the operand in the second statement so that the operand in the first statement can be used, or remove the operand in the first statement that is not allowed. Rerun the job.

GIM70729E THE ELEMENT *elmname* WAS ALREADY IDENTIFIED IN A PREVIOUS SELECT STATEMENT FOR THE SAME COPY STATEMENT. THIS IS NOT ALLOWED.

Explanation:

elmname
element name

The element name appeared in a previous SELECT associated with the same COPY control statement. If this occurrence is also processed, the result may be incorrect data in the target library.

System action: Processing stops for the element.

Programmer response: Inspect the SELECT statement to ensure that the correct element is identified.

GIM70730I SHELL SCRIPT *shellscr* PROCESSING FOR *elmttype* *elmname* WAS SUCCESSFUL.

Explanation:

shellscr shell script name
elmttype element type
elmname
element name

Shell script processing completed successfully for the indicated element.

System action: None.

Programmer response: None.

Chapter 2. SMP/E return codes

SMP/E sets return codes according to conditions occurring during SMP/E command processing. Because many different conditions may occur in a single SMP/E job, the final return code that SMP/E lists is the return code associated with the most severe condition that occurred.

SMP/E writes messages to SMPOUT to describe the various situations and unusual conditions occurring during command processing. The severity of the condition determines the return code associated with the processing and the category the message falls into.

| Severity Level | Return Code | Category | When Issued |
|----------------|-------------|---------------|---|
| I | 00 | Informational | <ul style="list-style-type: none">To show stages of SMP/E processing.To accompany other messages as an explanation for errors or unusual conditions. |
| W | 04 | Warning | <ul style="list-style-type: none">Processing completed but SMP/E detected a possible error. Look at these messages to determine if SMP/E's action was appropriate. |
| E | 08 | Error | <ul style="list-style-type: none">SMP/E processing did not complete properly. At least one SYSMOD failed. For example, when APPLY processing of a SYSMOD stops, this is an error, and SMP/E issues a return code of at least 8. |
| S | 12 | Severe | <ul style="list-style-type: none">An entire SMP/E command failed. For example, when APPLY processing stops because of insufficient storage, SMP/E issues a return code of 12. |
| T | 16 | Terminating | <ul style="list-style-type: none">A situation occurred that forced SMP/E processing to stop. |
| T | 20 | Terminating | <ul style="list-style-type: none">An internal SMP/E error caused SMP/E processing to stop. For example, there may be an interface problem between SMP/E modules or a data error on the SMPCSI data set. |

The following sections list the return codes that may be issued for SMP/E commands, along with possible causes for the errors and suggestions for how to recover from these errors.

ACCEPT return codes

- 00** ACCEPT processing completed successfully.
- 04** ACCEPT processing completed with **possible** errors (warnings). Processing did not stop for any SYSMODs. These are some possible errors:
 - ACCEPT called a system utility program to perform some work and the utility program issued a nonzero, but still acceptable, return code. Calls to one of the following utility programs could generate this return code:

- Assembler (default: ASMBLR)
- Copy, compress, retry utility (default: IEBCOPY)
- Update utility (default: IEBUPDTE)
- Superzap utility (default: IMASPZAP)
- Linkage editor (default: IEWL or IEWBLINK)

SMP/E sets the ACCEPT and ERROR status indicators in the affected distribution zone SYSMOD entries.

08 ACCEPT processing completed, but processing errors occurred. Processing stopped for at least one SYSMOD. These are some possible errors:

- ACCEPT called a system utility program to perform some work, and the utility program issued a nonzero and unacceptable return code. Calls to one of the following utility programs could generate this return code:
 - Assembler (default: ASMBLR)
 - Copy, compress, retry utility (default: IEBCOPY)
 - Update utility (default: IEBUPDTE)
 - Superzap utility (default: IMASPZAP)
 - Linkage editor (default: IEWL or IEWBLINK)

SMP/E sets the ACCEPT and ERROR status indicators in the affected distribution zone SYSMOD entries.

- A SYSMOD was held for an error reason ID that was not resolved. Check the Causer SYSMOD Summary report and, if necessary, error messages in the SMPOUT output to determine the cause of the problem.
- SMP/E encountered an error while scanning superzap control statements. Check SMPOUT output for error messages to determine the cause of the problem.

SMP/E sets the ACCEPT and ERROR status indicators in the affected distribution zone SYSMOD entries. However, the module was not updated unless an EXPAND linkage editor control statement was included in the modification. In this case, the module was link-edited to expand its size in the distribution library.

- A superzap VERIFY REJECT was encountered by program. Check SYSPRINT output for error messages to determine the cause of the problem.

SMP/E sets the ACCEPT and ERROR status indicators in the affected distribution zone SYSMOD entries. However, the module was not updated unless an EXPAND linkage editor control statement was included in the modification. In this case, the module was link-edited to expand its size in the distribution library.

- A DD statement required by SMP/E was missing. ACCEPT did not process any SYSMOD that required the missing DD statement.
- The distribution zone entry for a SYSMOD specified on the SELECT operand indicates that the SYSMOD was superseded by another SYSMOD.
- A TXLIB or LKLIB member cannot be found. SMP/E sets the ACCEPT and ERROR status indicators in the affected distribution zone SYSMOD entries.
- A SYSMOD specified on the SELECT operand was not found on the SMPPTS or in the global zone.
- The PEMAX value being used was too small to process one or more SYSMOD entries or selected element entries being modified. If PEMAX was too small for the element entries, SMP/E may have set the ACCEPT and ERROR status indicators in the affected distribution zone SYSMOD

entries. Check SMPOUT output for error messages to determine which SYSMODs or elements were affected.

- SMP/E could not open a target or distribution library. SMP/E may have set the ACCEPT and ERROR status indicators in the affected distribution zone SYSMOD entries.
- A SYSMOD containing an element update (++MACUPD, ++SRCUPD, or ++ZAP) attempted to change the ownership of the element with the ++VER VERSION operand. The ownership can be changed only if the SYSMOD provides a replacement for the element.

12 ACCEPT processing stopped. These are some possible errors:

- A function SYSMOD was selected for processing. However, processing stopped for the function before distribution libraries were updated.
- No SYSMODs met ACCEPT specifications.
- GETMAIN failed during ACCEPT processing.
- SMP/E could not open or close a data set.
- The ACCEPT command contained a syntax error.
- A DD statement required by SMP/E was missing.
- A previous command issued an unacceptable return code.

16 A severe error caused SMP/E processing to stop. These are some possible errors:

- The copy utility was called to compress a data set but issued an unacceptable return code. No SYSMODs were accepted, but elements that would have been replaced by SYSMODs that would have been accepted may have been deleted from their distribution libraries.

Note: The distribution libraries might be unusable. Examine the copy output to determine the status of the data set when the copy utility failed.

- A severe error occurred during an attempt to access an SMP/E data set.
- An error occurred while writing a message.

ACCEPT error recovery

After ACCEPT processing completes or abends, examine SMPOUT and SYSPRINT output to determine the relative success of the command. Check any reports that were produced.

For partially accepted SYSMODs, SMP/E sets the ACCEPT and ERROR status indicators in the affected distribution zone SYSMOD entries.

You must rerun ACCEPT for a SYSMOD that failed during a previous ACCEPT. After an ACCEPT fails, SMP/E does not allow any command other than ACCEPT to be run for that SYSMOD. If you remove the ERROR status indicator in the distribution zone SYSMOD entry and then try to restore other SYSMODs whose elements may have been updated or replaced in the distribution libraries by the SYSMOD in error, you should expect unpredictable results. The following processing takes place when you rerun ACCEPT:

- All linkage editor processing is repeated.
- All IEBCOPY processing is repeated.
- All macro and source module updating is repeated.
- All assemblies are repeated.

- All superzap processing is repeated. However, if any superzap processing completed through the superzap REPLACE stage, or if any superzap processing produced a superzap VERIFY REJECT in the previous ACCEPT, this rerun of ACCEPT will also fail. To correct this problem, do the following:
 1. Obtain the superzap control cards from the SMPPTS for the modules affected by the SYSMOD. To do this, use the IEBTPCH utility to punch the SYSMOD.
 2. Reject the SYSMOD from the SMPPTS.
 3. Correct any superzap modification processed that caused a VERIFY REJECT.
 4. Receive and accept the SYSMOD as corrected.

APPLY return codes

- 00** APPLY processing completed successfully.
- 04** APPLY processing completed, but one or more warning messages have been issued. Processing did not stop for any SYSMODs. The user needs to determine whether the warnings issued really identify an error that needs to be addressed by some corrective action. These are some possible situations that can cause a warning message to be issued during APPLY processing:
- APPLY called a system utility program to perform some work and the utility program issued a nonzero, but still acceptable, return code. Calls to one of the following utility programs could generate this return code:
 - Assembler (default: ASMBLR)
 - Copy, compress, retry utility (default: IEBCOPY)
 - Update utility (default: IEBUPDTE)
 - Superzap utility (default: IMASPZAP)
 - Linkage editor (default: IEWL or IEWBLINK)

If the return code in the UTILITY entries are correctly set for the FMIDs being processed, there should be no problem with the libraries updated by the identified utilities.
 - APPLY attempted to reassemble a module because of a macro modification. However, no assembler input could be found in either the target zone or the distribution library specified in the DISTSRC or ASMLIB operand list. The module was not reassembled, but SMP/E sets the APPLY status indicator in the affected target zone SYSMOD entries.
 - An error was encountered during the cross-zone phase of command processing. The user may need to take corrective action outside of SMP/E processing.
- 08** APPLY processing completed, but processing errors occurred. Processing stopped for at least one SYSMOD. These are some possible errors:
- APPLY called a system utility program to perform some work, but the utility program issued a nonzero and unacceptable return code. Calls to one of the following utility programs could generate this return code:
 - Assembler (default: ASMBLR)
 - Copy, compress, retry utility (default: IEBCOPY)
 - Update utility (default: IEBUPDTE)
 - Superzap utility (default: IMASPZAP)
 - Linkage editor (default: IEWL or IEWBLINK)

SMP/E sets the APPLY and ERROR status indicators in the affected target zone SYSMOD entries.

- A SYSMOD was held for an error reason ID that was not resolved. Check the Causer SYSMOD Summary report and, if necessary, error messages in the SMPOUT output to determine the cause of the problem.

- SMP/E encountered an error while scanning superzap control statements. Check SMPOUT output for error messages to determine the cause of the problem.

SMP/E sets the APPLY and ERROR status indicators in the affected target zone SYSMOD entries. However, the module was not updated unless an EXPAND linkage editor control statement was included in the modification. In this case, the module was link-edited to expand its size and the load module was replaced in the target library.

- A superzap VERIFY REJECT was encountered by the superzap. Check SYSPRINT output for error messages to determine the cause of the problem.

SMP/E sets the APPLY and ERROR status indicators in the affected target zone SYSMOD entries. However, the module was not updated unless an EXPAND linkage editor control statement was included in the modification. In this case, the module was link-edited to expand the size, and the load module was replaced in the target library.

- A DD statement required by SMP/E was missing. APPLY did not process any SYSMOD that required the missing DD statement.
- The target zone entry for a SYSMOD specified on the SELECT operand indicates that the SYSMOD was superseded by another SYSMOD.
- A TXLIB or LKLIB member cannot be found. SMP/E sets the APPLY and ERROR status indicators in the affected target zone SYSMOD entries.
- A SYSMOD specified in the SELECT operand list was not found on the SMPPTS.
- The PEMAX value being used was too small to process one or more SYSMOD entries or selected element entries being modified. If PEMAX was too small for the element entries, SMP/E may have set the APPLY and ERROR status indicators in the affected target zone SYSMOD entries. Check SMPOUT output for error messages to determine which SYSMODs or elements were affected.
- SMP/E could not open a target or distribution library. SMP/E may have set the APPLY and ERROR status indicators in the affected target zone SYSMOD entries.
- A SYSMOD containing an element update (++MACUPD, ++SRCUPD, or ++ZAP) attempted to change the ownership of the element with the ++VER VERSION operand. The ownership can be changed only if the SYSMOD provides a replacement for the element.

12 APPLY processing stopped. These are some possible errors:

- A function SYSMOD was selected for processing. However, processing stopped for the function before any target libraries were updated.
- No SYSMODs met APPLY specifications.
- GETMAIN failed during APPLY processing.
- SMP/E could not open or close a data set.
- The APPLY command contained a syntax error.
- A DD statement required by SMP/E was missing.
- A previous command issued an unacceptable return code.

- 16 A severe error caused SMP/E processing to stop. These are some possible errors:
- The copy utility was called to compress a data set but issued an unacceptable return code. No SYSMODs were applied, but elements that would have been replaced by SYSMODs that would have been applied may have been deleted from their target libraries.

Note: The target libraries might be unusable. Examine the IEBCOPY output to determine the status of the data set when IEBCOPY failed.

- A severe error occurred during an attempt to access an SMP/E data set.
- An error occurred while writing a message.

APPLY error recovery

After APPLY processing completes or abends, examine SMPOUT and SYSPRINT output to determine the relative success of the command. Check any reports that were produced.

For any partially applied SYSMODs, SMP/E sets the APPLY and ERROR status indicators in the affected target zone SYSMOD entries.

You can rerun APPLY for a SYSMOD that has failed by correcting any conditions that caused SYSMOD processing to stop. If a SYSMOD failed APPLY processing but its inline JCLIN was successfully processed, you should rerun the APPLY command for that SYSMOD and specify the NOJCLIN operand with that SYSMOD ID. (NOJCLIN prevents the JCLIN from being processed again.) If you would rather not try to determine whether to specify NOJCLIN and for which SYSMODs, you may prefer to reapply everything that was processed in the failing run and always process the JCLIN.

The following processing takes place when you rerun APPLY:

- All linkage editor processing is repeated.
- All IEBCOPY processing is repeated.
- All macro and source updating is repeated.
- All assemblies are repeated.
- All superzap processing is repeated. However, if any superzap processing completed through the superzap REPLACE stage, or if any superzap processing produced a superzap VERIFY REJECT in the previous APPLY, this rerun of APPLY will fail. To correct this problem, do the following:
 1. Obtain the superzap control cards from the SMPPTS for the modules affected by the SYSMOD. To do this, use the IEBPTPCH utility to punch the SYSMOD.
 2. Reject the SYSMOD from the SMPPTS.
 3. Correct any superzap modification processed that caused a VERIFY REJECT.
 4. Receive and apply the SYSMOD as corrected.

CLEANUP return codes

- 00 CLEANUP processing completed successfully.
- 08 CLEANUP processing completed, but processing errors occurred. One possibility is that there was no corresponding target zone entry for an entry in one of the data sets being cleaned up (SMPMTS, SMPSTS, or SMPSCDS).

- 12 CLEANUP processing stopped. One possibility is that SMP/E could not open one of the data sets it needed: the target zone, distribution zone, SMPMTS, SMPSTS, or SMPSCDS.
- 16 A severe error caused SMP/E processing to stop.

CLEANUP error recovery

If an error occurs during CLEANUP processing, follow the directions in the “Programmer Response” section of each message.

GENERATE return codes

- 00 GENERATE processing completed successfully.
- 04 GENERATE processing completed, but there are **potential** errors in the generated jobs. Refer to the messages for more information about these errors.
- 08 GENERATE processing completed, but SMP/E found potential errors when it analyzed entries in the target zone. These errors may cause problems when you run the generated jobs. Review each message for more information about the errors and follow the directions in the “Programmer Response” section of each message. These are some possible errors:
- SMP/E did not find the JOBCARD member in the specified data set.
 - SMP/E did not find an ASSEM or SRC entry in the target zone.
 - SMP/E could not assemble the identified module.
 - The element entry is missing a subentry (FMID or DISTLIB).
 - The LMOD entry had no MOD entries to show that the module was a part of that load module.
 - The DDDEF entry defining the target library for a hierarchical file system element did not contain a PATH subentry.
- 12 GENERATE processing stopped. One possibility is that an operand was missing from the command.
- 16 An I/O error caused SMP/E processing to stop.

GENERATE error recovery

If an error occurs during GENERATE processing, follow the directions in the “Programmer Response” section of each message.

JCLIN return codes

- 00 JCLIN processing completed successfully.
- 04 JCLIN processing completed, but SMP/E reached an end-of-file statement in the JCLIN input data set before it reached the end of the JCLIN data.
- 08 JCLIN processing stopped because of a syntax error in the JCLIN input.
- 12 JCLIN processing stopped. These are some possible errors:
- The JCLIN command contained a syntax error.
 - Not enough storage was available.
 - The target zone ran out of space (x37 abend).
 - The PEMAX value being used was too small to process one or more entries on the target zone.

- A DD statement required by SMP/E was missing.
 - There is an error associated with the LIBRARYDD comment statement that should follow a SYSLIB or SYSLMOD DD statement specifying the PATH operand.
 - A previous command issued an unacceptable return code.
- 16 A severe error caused SMP/E processing to stop.

JCLIN error recovery

If an error occurs in the JCLIN data set, examine SMPOUT output to determine the job, job step, and entry that caused the error. Correct the problem and rerun JCLIN.

If the error occurred in your user-specified JCLIN input data set, see the chapter on the JCLIN command in *SMP/E for z/OS Commands* for more information.

If the SMPCSI ran out of space during JCLIN processing, try obtaining additional space for the SMPCSI. You can do **one** of the following:

- Allocate a new, larger CSI and copy the old, out-of-space data set into the new one.
- Use the Access Method Services (AMS) ALTER ADDVOLUMES command to add another volume to the CSI.
- Use the AMS IMPORT and EXPORT commands to move the old CSI to a new, larger CSI.
- Use the AMS REPRO command to copy the old CSI into a new, larger CSI.

After you try one of these methods, rerun JCLIN.

LINK return codes

- 00 LINK processing completed successfully.
- 04 LINK processing completed with possible errors:
- The linkage editor returned an acceptable, but nonzero, return code.
 - A designated load module was not in its SYSLIB.
 - A distribution zone copy of a module was used, but it was at a different service level from the target zone copy.
- 08 The linkage editor returned a return code greater than the threshold return code.
- 12 LINK processing stopped. These are some possible errors:
- The LINK command contained a syntax error.
 - A previous command issued an unacceptable return code.
 - A target library ran out of space (X37 ABEND).
 - A DD statement required by SMP/E was missing.
 - A CSI was not available.
 - A required module could not be found or was not installed.
 - A required load module did not exist (no LMOD entry).
 - A required load module was a copied load module.
 - A designated load module already contained a designated module by the same name from another zone.

- None of the load modules specified on the INTOLMOD operand are installed in a system library.
- 16 A severe error caused SMP/E processing to stop.

LINK error recovery

If an error occurs during LINK processing, follow the directions in the “Programmer Response” section of each message.

LIST return codes

- 00 LIST processing completed successfully.
- 04 LIST processing completed, but at least one requested item was not listed. These are some possible errors:
- An entry specified in the LIST command was not found on the data set being listed.
 - An entry specified in the LIST command was found, but was not eligible as requested. For example, the SYSMOD specified in **LIST SYSMOD(UZ00004) FUNCTION.** was found, but it was not a function SYSMOD.
 - The PEMAX value being used was too small to process a selected entry.
 - A DD statement required by SMP/E was missing.
- 08 LIST processing stopped. One possibility is that the LIST command was specified without any operands.
- 12 LIST processing stopped. These are some possible errors:
- The LIST command contained a syntax error.
 - Not enough storage was available.
 - The date range specified on the LIST LOG command was not in the expected format.
 - A DD statement required by SMP/E was missing.
- 16 A severe error caused SMP/E processing to stop.

LIST error recovery

If an error occurs during LIST processing, follow the directions in the “Programmer Response” section of each message.

LOG return codes

- 00 LOG processing completed successfully.
- 12 LOG processing stopped. These are some possible errors:
- The LOG command contained a syntax error.
 - A DD statement required by SMP/E was missing.
 - A previous command issued an unacceptable return code.
- 16 An I/O error caused SMP/E processing to stop.

RECEIVE return codes

- 00 RECEIVE processing completed successfully.
- 04 RECEIVE processing completed with **possible** errors. One possibility is that the RECEIVE exit routine took some action for at least one SYSMOD.

- 08 RECEIVE processing completed, but processing errors occurred. Processing stopped for at least one SYSMOD. These are some possible errors:
- A selected SYSMOD was not found on the SMPPTFIN data set.
 - The PEMAX value being used was too small to process a SYSMOD.
 - GETMAIN failed during SYSMOD processing.
 - The element name specified on the ++MACUPD or ++SRCUPD MCS was different from the element name specified on the IEBUPDTE ./ CHANGE control statement.
 - A SYSMOD in the SMPPTFIN data set contained a syntax error. Syntax errors include validation check errors.
 - SMP/E reached an end-of-file statement in the SMPPTFIN data set while it was in the middle of processing of a SYSMOD.
 - A return code from the RECEIVE exit routine required RECEIVE to stop processing a SYSMOD.
 - Two MCS statements within a SYSMOD referred to the same element.
 - The same SYSMOD ID was specified more than once on a single ++ASSIGN MCS statement.
- 12 RECEIVE processing stopped. These are some possible errors:
- GETMAIN failed during RECEIVE processing.
 - A return code from the RECEIVE exit routine required RECEIVE processing to stop.
 - The RECEIVE command contained a syntax error.
 - An error occurred when SMP/E tried to write a SYSMOD or MCS entry to the SMPPTS.
 - None of the SYSMODs specified in the SELECT operand list were found.
 - The SMPPTFIN data set does not contain any SYSMODs.
 - A DD statement required by SMP/E was missing.
 - A previous command issued an unacceptable return code.
- 16 A severe error caused SMP/E processing to stop. These are some possible errors:
- An I/O error occurred.
 - A return code from the RECEIVE exit routine required SMP/E processing to stop.

RECEIVE error recovery

If SMP/E issued a message indicating that the SYSMOD was successfully received, then the SYSMOD was completely stored, and the SYSMOD and MCS entries in the PTS have been created.

If you are unsure about the status of a SYSMOD, enter LIST SYSMOD for the global zone to obtain a listing of the SYSMODs on the PTS. If the SYSMOD entry contains the ERROR indicator, the SYSMOD was not successfully received and cannot be applied or accepted. If you are still unsure if the SYSMOD was successfully received, use the REJECT command to delete the SYSMOD. After correcting any conditions that might have caused problems during the previous RECEIVE job, rerun RECEIVE for the SYSMOD.

If the PTS ran out of space during RECEIVE processing, see Chapter 3, "Diagnosing SMP/E problems," on page 503 for information on handling the problem. Then rerun RECEIVE.

REJECT return codes

- 00 REJECT processing completed successfully.
- 04 REJECT processing completed with **possible** errors:
 - The copy utility was called to compress a data set, and issued an acceptable, but nonzero, return code.
 - A SYSMOD specified on the SELECT operand has already been accepted, and the appropriate BYPASS operand was not specified on the REJECT command. The SYSMOD was not rejected.
- 08 REJECT processing completed, but processing errors occurred. Processing stopped for at least one SYSMOD. A possible error is that the PEMAX value being used was too small to process a SYSMOD entry on the SMPCSI. That SYSMOD was not rejected.
- 12 REJECT processing stopped. These are some possible errors:
 - No SYSMODs met REJECT specifications.
 - GETMAIN failed during REJECT processing.
 - SMP/E could not open or close a data set.
 - The REJECT command contained a syntax error.
 - A DD statement required by SMP/E was missing.
 - A previous command issued an unacceptable return code.
- 16 A severe error caused SMP/E processing to stop. These are some possible errors:
 - The copy utility was called to compress a data set but issued an unacceptable return code.
 - A severe error occurred during an attempt to access an SMP/E data set.
 - An error occurred while writing a message.

REJECT error recovery

If a failure occurs during REJECT processing, enter the REJECT command for those SYSMODs that were not successfully rejected. If a function SYSMOD is being rejected, check the GLOBALZONE entry to see if the FMID subentry for that SYSMOD ID was deleted. If it was not and should have been (that is, the SYSMOD was never applied or accepted), use the UCLIN command to delete the FMID subentry.

REPORT return codes

- 00 REPORT processing completed successfully. This return code is also issued if no applicable information was found. For example, it is issued for REPORT SOURCEID in these cases:
 - In one of the specified zones or ZONESETs, no SOURCEIDs were found in any of the SYSMOD entries.
 - In all of the specified zones or ZONESETs, no SOURCEIDs were found in any of the SYSMOD entries.
 - No SYSMOD entries were found in any of the specified zones or ZONESETs.
- 08 REPORT processing completed, but processing errors occurred. One possibility is that SMP/E could not find an FMID or FMIDSET that matched the value specified on the FORFMID operand.
- 12 The REPORT command stopped. These are some possible errors:

- The ZONESET entry is not defined in the global zone (REPORT CROSSZONE, REPORT ERRSYSMODS, REPORT SOURCEID only).
- There is no ZONEINDEX subentry for one or more of the following:
 - The zone specified on the INZONE or COMPAREDTO operand (REPORT SYSMODS only)
 - One of the zones in the ZONESET (REPORT CROSSZONE, REPORT ERRSYSMODS, REPORT SOURCEID only)
 - A zone specified on the ZONES operand (REPORT ERRSYSMODS, REPORT SOURCEID only)
- One of the zone names in the FORZONE operand is not included in the ZONESET (REPORT CROSSZONE only).
- The zones in the ZONESET are not all the same type (target or distribution) and neither the TARGETZONE operand nor the DLIBZONE operand was specified (REPORT CROSSZONE only).
- Output is to be written to SMPPUNCH (NOPUNCH was not specified), but the DD statement or DDDEF entry needed for the SMPPUNCH data set was missing.
- The date range specified by the BEGINDATE and ENDDATE operands is not correct. For example, the BEGINDATE value might have been later than the ENDDATE value (REPORT ERRSYSMODS only).
- The zones specified on the INZONE or COMPAREDTO operands have no matching SREL (REPORT SYSMODS only).
- The global zone was specified on the INZONE or COMPAREDTO operand (REPORT SYSMODS only).
- The same zone was specified on both the INZONE and COMPAREDTO operands (REPORT SYSMODS only).
- The zone specified on the INZONE or COMPAREDTO operand contains no SYSMOD entries (REPORT SYSMODS only).

REPORT error recovery

If an error occurs during REPORT processing, follow the directions in the “Programmer Response” section of each message.

RESTORE return codes

- 00 RESTORE processing completed successfully.
- 04 RESTORE processing completed with **possible** errors:
 - RESTORE called a system utility program to perform some work and the utility program issued a nonzero, but acceptable, return code. Calls to one of the following utility programs could generate this return code:
 - Assembler (default: ASMBLR)
 - Copy, compress, retry utility (default: IEBCOPY)
 - Update utility (default: IEBUPDTE)
 - Superzap utility (default: IMASPZAP)
 - Linkage editor (default: IEWL or IEWBLINK)
 SMP/E restores the affected SYSMOD and sets the RESTORE indicator in the associated target zone SYSMOD entry.
 - Assembly input for a selected module was not found on the target zone.
 - An error was encountered during the cross-zone phase of command processing.

- SMP/E processed a ++RENAME MCS for an LMOD with a CALLLIBS subentry, but the LMOD was not in the SMPLTS.
- 08 RESTORE processing completed, but processing errors occurred. Processing stopped for at least one SYSMOD. These are some possible errors:
- RESTORE called a system utility program to perform some work and the utility program issued a nonzero, unacceptable return code. Calls to one of the following utility programs could generate this return code:
 - Assembler (default: ASMBLR)
 - Copy, compress, retry utility (default: IEBCOPY)
 - Update utility (default: IEBUPDTE)
 - Superzap utility (default: IMASPZAP)
 - Linkage editor (default: IEWL or IEWBLINK)
- SMP/E sets the RESTORE and ERROR status indicators in the affected target zone SYSMOD entries.
- A DD statement required by SMP/E was missing. RESTORE did not process any SYSMOD that requires the missing DD statement.
 - A SYSMOD selected for RESTORE processing had never been applied. However, SMP/E had created a SYSMOD entry for it when it was superseded by another SYSMOD. (This is called a “superseded-only” SYSMOD entry.) Neither the superseded SYSMOD nor the superseding SYSMOD was restored.
 - RESTORE processing requires an element entry that cannot be found on the target zone. RESTORE processing stopped for all affected SYSMODs.
 - The PEMAX value being used was too small to process a selected SYSMOD or element entry.
 - A SYSMOD selected for RESTORE had already been accepted. That SYSMOD was not restored.
 - SMP/E could not open a required data set. None of the affected SYSMODs were restored.
- 12 RESTORE processing stopped. These are some possible errors:
- No SYSMODs met RESTORE specifications.
 - GETMAIN failed during RESTORE processing.
 - SMP/E could not open a data set.
 - The RESTORE command contained a syntax error.
 - A DD statement required by SMP/E was missing.
 - A previous command issued an unacceptable return code.
- 16 A severe error caused SMP/E processing to stop. These are some possible errors:
- The copy utility was called to compress a data set but issued an unacceptable return code. No SYSMODs were restored. However, modules that would have been replaced if the SYSMODs had been restored were deleted from the appropriate target libraries.
- Note:** The target libraries might be unusable; that is, the system or some of its components might not run.
- A severe error occurred while deleting members from a target library before compression of that library.
- Note:** The target libraries might be unusable; that is, the system or some of its components might not run.
- The SMPSCDS contains an entry that has not been converted to the format required for IBM SMP/E for z/OS, V3R6.

- An error occurred while writing a message.
- A severe error occurred during an attempt to access an SMP/E data set.

RESTORE error recovery

After the RESTORE command completes, examine SMPOUT and SYSPRINT output to determine the relative success of the command. Check any reports that were produced.

For any partially restored SYSMODs, SMP/E sets the RESTORE and ERROR status indicators in the affected target zone SYSMOD entries.

You should rerun RESTORE for a SYSMOD that failed during previous RESTORE processing. The following processing takes place when you rerun RESTORE:

- All linkage editor processing is repeated.
- All IEBCOPY processing is repeated.
- All assemblies are repeated.
- All IEBUPDTE processing is repeated.

If any library runs out of space during RESTORE processing, see Chapter 3, “Diagnosing SMP/E problems,” on page 503 and *SMP/E for z/OS Commands* for information on how to handle the problem. Then rerun RESTORE.

SET return codes

- | | |
|----|---|
| 00 | SET processing completed successfully. |
| 08 | SET processing completed, but processing errors occurred. |
| 12 | SET processing stopped. These are some possible errors: <ul style="list-style-type: none"> • SMP/E could not open the zone. • You specified a zone that does not exist. |
| 16 | An I/O error occurred when SMP/E tried to open a zone. This caused SMP/E processing to stop. |

SET error recovery

If an error occurs when SMP/E is processing a SET statement, correct the data (zone name, OPTIONS entry, or data in the zone definition entry). Follow the directions in the “Programmer Response” section of each message.

UCLIN return codes

- | | |
|----|---|
| 00 | UCLIN processing completed successfully. |
| 04 | UCLIN processing completed, but with unexpected results. <ul style="list-style-type: none"> • SMP/E reached an end-of-file statement in SMP_CNTL before it processed an ENDUCL command. • No UCL statement followed the UCLIN command. |
| 08 | UCLIN processing completed, but processing errors occurred. These are some possible errors: <ul style="list-style-type: none"> • At least one UCL statement contained a syntax error. • At least one UCL statement does not meet conditions for update. |
| 12 | UCLIN processing stopped. <ul style="list-style-type: none"> • The UCLIN command contained a syntax error. • A previous command issued an unacceptable return code. |

- A DD statement required by SMP/E was missing.
- 16 A severe error caused SMP/E processing to stop.

UCLIN error recovery

If a failure occurs when processing a UCL statement, follow the directions in the “Programmer Response” section of each message.

ZONECOPY return codes

- 00 ZONECOPY processing completed successfully.
- 04 ZONECOPY processing completed, but with unexpected results. The input zone contained cross-zone subentries.
- 08 A cross-zone subentry from the input zone refers to a zone with the same name as the receiving zone.
- 12 ZONECOPY processing stopped. These are some possible errors:
- The name of the zone in the SET BOUNDARY command and the name of the receiving zone are different.
 - The input and receiving zone have the same name.
 - The input or receiving zone is GLOBAL.
 - The combination of input and receiving zone types is invalid. Valid combinations are:
 - A distribution zone into a distribution zone
 - A distribution zone into a target zone
 - A target zone into a target zone
 - The input and receiving zones exist in the same CSI.
 - SMP/E could not open the input zone or the receiving zone.
 - The receiving zone already exists.
- 16 An I/O error caused SMP/E processing to stop.

ZONECOPY error recovery

If an error occurs during ZONECOPY processing, follow the directions in the “Programmer Response” section of each message.

ZONEDELETE return codes

- 00 ZONEDELETE processing completed successfully.
- 04 ZONEDELETE processing completed, but SMP/E could not acquire the global zone to delete the zone index. The deleted zone contained cross-zone subentries.
- 12 An I/O error caused ZONEDELETE processing to stop.
- 16 A severe error caused SMP/E processing to stop.

ZONEDELETE error recovery

If SMP/E could not delete the zone index from the global zone, use UCLIN to delete the zone index. Follow the directions in the “Programmer Response” section of each message.

ZONEEDIT return codes

- 00 ZONEEDIT processing completed successfully.
- 04 ZONEEDIT processing completed with **possible** errors (warnings). Processing did not stop for any SYSMODs.
- 08 ZONEEDIT processing completed, but processing errors occurred. These are some possible errors:
 - A changed data set name would have been more than 44 characters.
 - SMP/E reached an end-of-file statement in SMP_CNTL before it processed an ENDZONEEDIT command.
- 12 ZONEEDIT processing stopped. These are some possible errors:
 - The entry type, field name, or field value was not valid.
 - The entry does not exist in the specified zone.
 - SMP/E could not open the specified zone.
 - The same field name was specified more than once on a single CHANGE statement.
 - The ZONEVALUE specified for XZENTRIES matched the name of the set-to zone.
 - A conditional change was specified for XZENTRIES.
 - The ZONEVALUE specified for XZENTRIES would have created a duplicate subentry.
- 16 A severe error caused SMP/E processing to stop.

ZONEEDIT error recovery

If an error occurs during ZONEEDIT processing, follow the directions in the "Programmer Response" section of each message.

ZONEEXPORT return codes

- 00 ZONEEXPORT processing completed successfully.
- 04 ZONEEXPORT processing completed, but the global zone was not available for update processing. The exported zone contained cross-zone subentries.
- 12 ZONEEXPORT processing stopped. These are some possible errors:
 - PURGE was specified when the input zone was the global zone.
 - The SET BOUNDARY zone name and the input zone name were not the same.
 - SMP/E could not open the zone.
 - SMP/E opened the zone but could not position to the first record.
 - The zone was not the global zone, and the first record in the zone was not for the zone definition entry.
 - SMP/E could not open the output data set.
 - The OUTFILE ddname is the same as the zone name specified on the SET command.
- 16 An I/O error caused SMP/E processing to stop.

ZONEEXPORT error recovery

If an error occurs during ZONEEXPORT processing, follow the directions in the "Programmer Response" section of each message.

ZONEIMPORT return codes

- 00 ZONEIMPORT processing completed successfully.
- 04 ZONEIMPORT processing completed, but with unexpected results.
- The receiving zone type is target, and the input zone type is DLIB. (SMP/E changes the type in the zone definition entry to target).
 - The receiving zone name and the name from the zone definition entry are different. (SMP/E inserts the receiving zone name to the zone definition entry).
- 08 A cross-zone subentry from the imported zone refers to a zone with the same name as the receiving zone.
- 12 ZONEIMPORT processing stopped. These are some possible errors:
- The set-to zone and receiving zone names are different.
 - The receiving zone already exists.
 - SMP/E could not open the input data set.
 - SMP/E opened the data set, but the zone definition entry is not valid for the ZONEIMPORT command.
 - The receiving zone type is not allowed for the zone type being imported. You can either import a zone into the same type of zone, or you can import a distribution zone into a target zone.
 - The name of the zone that SMP/E is importing and the name from the zone definition entry are different.
 - SMP/E could not open the receiving zone.
 - The receiving zone is GLOBAL, and SMP/E already defined a zone in the CSI data set.
 - SMP/E reached an end-of-file statement in the input data set before it got to the record with a zone encode value of X'FFFF'.
 - The INFILE ddname is the same as the zone name specified on the SET command.

ZONEIMPORT error recovery

If an error occurs during ZONEIMPORT processing, follow the directions in the "Programmer Response" section of each message.

ZONEMERGE return codes

- 00 ZONEMERGE processing completed successfully.
- 04 ZONEMERGE processing completed, but with unexpected results. The receiving zone contained cross-zone subentries.
- 08 A cross-zone subentry from the merged zone refers to a zone with the same name as the receiving zone.
- 12 ZONEMERGE processing stopped, but with unexpected results.
- SMP/E met an I/O error.
 - The job was out of storage.
- 16 A severe error caused SMP/E processing to stop.

ZONEMERGE error recovery

If the message shows that the job ran out of storage, resubmit the job using a larger REGION value. In addition, follow the directions in the “Programmer Response” section of each message.

ZONERENAME return codes

- 00 ZONERENAME processing completed successfully.
- 04 ZONERENAME processing completed, but with unexpected results. The renamed zone contained cross-zone subentries.
- 12 ZONERENAME processing stopped, but with unexpected results.
- There is no ZONEINDEX subentry for the old zone name.
 - There is a ZONEINDEX subentry for the old zone name, but there is no zone definition entry.
 - There is already a ZONEINDEX entry for the new zone name.
 - The new zone already exists in the SMPCSI.
 - SMP/E could not open the data set that contains the zone to be renamed.
 - SMP/E could not rename the old zone name to the new zone name.
 - The old zone name was the same as the new zone name.
 - The ZONERENAME command specified mutually exclusive operands.
 - **GLOBAL** was specified as either the new zone name or the old zone name.
 - The TOTYPE operand was specified to change the renamed zone from a distribution zone to a target zone. However, the old zone is already defined as a target zone in either the ZONEINDEX subentry or the zone definition entry.
 - A cross-zone subentry from the zone being renamed refers to the new zone name.
- 16 A severe error caused SMP/E processing to stop.

ZONERENAME error recovery

If an error occurs during ZONERENAME processing, follow the directions in the “Programmer Response” section of each message.

Chapter 3. Diagnosing SMP/E problems

This chapter discusses diagnosis.

Is SMP/E the problem?

IBM SMP/E for z/OS, V3R6 works with a variety of other programs. It calls system utilities and depends on virtual storage access method (VSAM) support for the consolidated software inventory data set (SMPCSI). The SMP/E dialogs run under time-sharing option (TSO) and Interactive System Productivity Facility (ISPF). As a result, what may appear to be an SMP/E problem may actually be caused by one of these other products, or there may be a problem with the installation procedure you are following or with a system modification (SYSMOD) you are trying to install.

Before you report the problem to IBM, try to determine whether SMP/E is the cause. Check the items in the following lists to see if something other than SMP/E might be the source of the problem. If your problem matches one of those items, follow the suggested steps. Otherwise, go to “Handling SMP/E problems without calling IBM” on page 506 to see if you have an SMP/E problem that you can correct.

Installation problems

To avoid installation problems:

- For all SMP/E processing, allocate a real data set for the log data set (SMPLOG), not a dummy data set. This helps make sure the log data is not lost.
- Get all the necessary service. Some of the methods available for obtaining service and preventive maintenance include:
 - Enhanced Service Offering (ESO), which provides monthly PER closed PTFs
 - CBPDO, which in addition to the monthly PER closed PTFs, includes COR closed reach ahead fixes for HIPERs and PEs on a weekly basis. For more information on CBPDOs, see *z/OS Planning for Installation*.
 - SystemPac's Selective Follow On Service tapes, which provide HIPERs and PTFs resolving PEs
 - Service Update Facility (SUF), which can be used to order and receive corrective and recommended preventive maintenance. SUF uses your CSI as input to tailor the service to your environment. For more information on SUF, visit the SUF web site at <http://www.ibm.com/s390/suf/>.
 - PSP (Preventive Service Planning) Buckets, which contain the HIPERs and PEs in the Service Recommendation list. The PSP buckets are available by contacting the IBM Support Center or electronically through ServiceLink.
 - RefreshPac Offering
 - Enhanced HOLDDATA, which is an SMP/E installable file containing ++HOLDS for HIPERs and PEs used to identify HIPERs and PE fixes that are not installed on a system. After the file is received, the SMP/E REPORT ERRSYSMODS command can be run to identify the HIPERs and resolving PEs not installed. The resulting report includes the HIPER symptom flags. For more information on Enhanced HOLDDATA, visit the Enhanced HOLDDATA web site at <http://service.boulder.ibm.com/390holddata.html>.

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For more information, visit <http://www.s390.ibm.com/marketing/psos390maint.html>

- Follow the directions in the program directory for the product you are installing. If you have an installation package, such as the Custom-Built Product Delivery Offering (CBPDO), follow the directions in the installation materials that come with it, such as the related installation materials (RIMs) for the CBPDO. An installation problem may be due to the installation procedure itself rather than SMP/E. In such cases, report the product or the installation package as the cause of the problem.

If you have a problem during installation:

- If there is no error in SMP/E processing but you need help or additional information about using SMP/E in installing a product, contact your systems programmer.
- If you are having difficulty installing a function SYSMOD, check the PSP file for additional information about installing the function. If this information is not enough, or if the PSP file states that the function is not constructed correctly, the problem may be in the function itself and not SMP/E. In such cases, report the function as the cause of the problem.
- Always check the Element Summary Report for uninstalled elements, even if a SYSMOD appears to have been installed without errors.

Messages and return codes

Look up all SMP/E warning messages and error return codes in Chapter 1, “SMP/E messages,” on page 1 and Chapter 2, “SMP/E return codes,” on page 485 and follow the recommended procedures.

Performance problems

If you have a performance problem:

- Check to see whether any programs that do a lot of I/O operations, such as Information Management System (IMS™), were running when you noticed the degraded performance.
- Check to see whether you have installed any engineering changes or service to SMP/E or other products that may have degraded system performance.

For information about collecting documentation and reporting an SMP/E performance problem, see “Collecting documentation for SMP/E problems” on page 522.

Utility problems

If you have a problem when running a utility program under SMP/E:

- Check the utility output in the SYSPRINT data set and SMP/E messages in SMPOUT for indications of problems during utility processing. SMP/E writes a time, date, and sequence number stamp on the completion messages for copy, link-edit, superzap, and update processing. Since the same sequence number is included in the utility SYSPRINT output, it can be used as an index to more easily find the desired information in the SYSPRINT data set. Assembler messages have a time and date stamp you can use to find assembler output.

Note: These completion messages appear only after APPLY, ACCEPT, and RESTORE processing.

- Check to see whether the associated UTILITY entry refers to the correct program and return code. Note that the RETURN CODE value in the LMOD entry overrides (for that load module) the value in the UTILITY entry. Check to see whether this LMOD RC value is appropriate for this utility program.
- If you still are not sure whether SMP/E or the utility caused the error, run the job outside SMP/E, if possible, to see if the same problem occurs. Use the same libraries and either recreate the same job or run a similar utility job.

SMPCSI problems

If you have a problem with the SMPCSI, do the following to make sure your CSI is at the right level:

- Initialize your CSI with the GIMZPOOL record shipped with a supported release of SMP/E. A CSI to be used with IBM SMP/E for z/OS, V3R6 must be initialized with the appropriate GIMZPOOL record.
- Run IBM SMP/E for z/OS, V3R6 against a CSI created by a supported release of SMP/E.
- Check to see whether the necessary VSAM service has been installed.
- Check to see whether there are any user modifications to VSAM, SMP/E, or the catalog manager that might have caused the problem.
- Check whether message GIM27901S has been issued. If it has, you may want to use the VPLFUNCT specified in this message on the DEBUG DUMPRPL command to request a dump of the request parameter list (RPL). For more information on the DEBUG DUMPRPL command, see *SMP/E for z/OS Commands*.
- Check to see whether the system has encountered VSAM problems outside of SMP/E processing.
- If VSAM is having trouble accessing or storing the index part of the SMPCSI, you may want to use the following procedure to fix the index part of the data set:
 1. Make a backup copy of the current level of the SMPCSI on tape.
 2. Enter the following command for the SMPCSI to obtain the key information:
LISTCAT CLUSTER ENTRY('name')
 3. Use the access method services (AMS) REPRO command to copy the data part of the SMPCSI to a sequential data set.
 4. Sort the data by key using the SORT utility and the key information from the LISTCAT output. Eliminate any duplicate records.
 5. Delete the SMPCSI and allocate a new one. Do not prime it with GIMZPOOL.
 6. Use the REPRO command to copy the sorted data into the new SMPCSI.

Exception SYSMOD problems

Sometimes SMP/E cannot install a SYSMOD because one of the SYSMOD's requisites is being held. You must handle that exception SYSMOD before SMP/E can install the other SYSMOD.

- If the SYSMOD is held for a SYSTEM reason ID, list the associated HOLDDATA entry to see what action must be taken to install the SYSMOD. If the action was taken before the PTF was installed, you can bypass the HOLD to install the PTF. Otherwise, perform the action specified in the HOLDDATA and then bypass the HOLD to install the PTF.
- If the SYSMOD is held for an ERROR reason ID, which is associated with a program error PTF (PE-PTF), check the ++HOLD comment and the authorized

Is SMP/E the Problem?

program analysis report (APAR) that describes the problem to see whether installing the SYSMOD will cause any problems.

If possible, install the APAR or the fixing PTF along with the PE-PTF. This automatically releases the ERROR HOLD. If the fixing PTF is unavailable and you want to install the PE-PTF anyway, you can bypass the HOLD.

Note:

1. Generally, when doing preventive service, you do not need to research PE-PTFs. These PTFs remain held until the fixing PTF is installed. When you install the CBPDO tape or ESO that contains the fixing PTF, SMP/E automatically installs the fixing PTF along with the PE-PTF.
2. When you are doing corrective service, if the PTF you need to install to fix your specific problem is a PE-PTF, research the APAR that describes the PE-PTF to see if installing the PE-PTF will introduce an acceptable problem to your system.
3. You may not always have to correct the problem before you install a PE-PTF. For example, a PE-PTF that contains a syntax error in a comment in the cover letter is generally safe to install.

For more information on processing exception SYSMODs, see *SMP/E for z/OS User's Guide*.

Handling SMP/E problems without calling IBM

This chapter describes some problems that you may be able to correct without calling IBM. For example, you may be able to:

- Analyze error conditions indicated by SMP/E messages, return codes, and LIST output
- Resolve problems with the SMP/E region size
- Resolve x37 abends for data sets that run out of space
- Resolve VSAM access problems
- Handle SMP/E abends
- Prevent SMP/E dialog problems

If the problem you are experiencing falls into one of these categories, read the appropriate section in this chapter and follow the suggested procedure. If your problem is not described here, or if the suggested procedure does not correct the problem, see "Reporting SMP/E problems to IBM" on page 512, which discusses reporting a problem to IBM.

Analyzing errors

Many suspected SMP/E problems can be corrected by responding to SMP/E error messages. Therefore, when you get an SMP/E error message, refer to Chapter 1, "SMP/E messages," on page 1 to find its explanation and the recommended response. If you receive a message (such as GIM35302E) containing an MVS error code, refer also to *z/OS MVS Programming: Authorized Assembler Services Guide*, SA23-1371, to find an explanation of the error code and the recommended response.

If the recommended response does not correct the problem, follow these steps to determine the cause of the problem and the correct recovery methods:

1. Examine the return codes in each job step and subsequently the return codes for each command.

Starting with the final code (the one returned by the failing job step), trace back through the job log to find the SMP/E command return codes that caused the job step return code. Remember, a single return code can be the product of multiple errors.

The job step return code issued for SMP/E is the highest return code generated by all SMP/E commands in that step. The job step return codes are:

Return Code

Meaning

| | |
|----|---|
| 00 | SMP/E processing ran successfully and without errors. The severity code in associated SMP/E messages is I. |
| 04 | SMP/E processing ran, but warning messages were issued. The severity code in associated SMP/E messages is W. |
| 08 | SMP/E processing ran, but processing errors occurred and processing stopped for at least one SYSMOD. The severity code in associated SMP/E messages is E. Check the reports produced to see which SYSMODs were not successfully processed. |
| 12 | SMP/E processing stopped for at least one SMP/E command. The severity code in associated SMP/E messages is S. |
| 16 | SMP/E processing stopped because of a severe error. The severity code in associated SMP/E messages is T. |
| 20 | SMP/E processing stopped because of an internal SMP/E error. For example, there may be an interface problem between SMP/E modules or a data error on the SMPCSI data set. The severity code in associated SMP/E messages is T. |

For specific return codes for each of the SMP/E commands, see Chapter 2, “SMP/E return codes,” on page 485.

- As you trace back through the return codes in SMPOUT, check for error and warning messages issued with the return codes. Use the information supplied by the messages to help you interpret the meaning of the return codes.
- If an APPLY, ACCEPT, or RESTORE command completes with a return code greater than 4, first check the Causer SYSMOD Summary Report in SMPRPT to determine the root failures.
- Check to see whether you coded the RC operand on any SMP/E commands. The RC operand enables you to specify the maximum acceptable return codes from specified SMP/E commands in order to bypass normal SMP/E return code processing. If a specified command returns a code higher than the maximum specified in the RC operand, the command that contains the RC operand is not processed and issues a return code of 12.

For example, if you specify RC(RECEIVE=04) on the APPLY command, and the previous RECEIVE command returns a code of 08, APPLY processing is not performed and the APPLY return code is 12.

For further information about the RC operand, refer to the discussion of it under the description in each command in *SMP/E for z/OS Commands*.
- Check the SYSPRINT data set for information about the success or failure of the system utility programs invoked by SMP/E commands.
- Use the LIST command to check the contents of the SMPLOG data set. If you need to check SYSMOD status but do not have the reports and messages that include it, use the LIST command as follows:

Handling SMP/E Problems

- Enter **LIST LOG** to display the contents of the SMPLOG data set. This log is cumulative and should be examined for the impact of prior SMP/E runs on the current problem.

For more details on the LISTcommand, see *SMP/E for z/OS Commands*.

- Enter **LIST SYSMOD ERROR** for the desired target zone to obtain the status of any SYSMODs that were applied or restored but may be in error. Check whether the ERROR indicator is set for APPLY or RESTORE processing.
- Enter **LIST SYSMOD ERROR** for the desired distribution zone to obtain the status of any SYSMODs that were accepted but may be in error.
- Enter **LIST SYSMOD** for the global zone to obtain the status of SYSMODs that were received.

Resolving problems with the SMP/E region size

If an SMP/E message indicates that there is not enough storage for processing, do one or more of the following:

- Check if you have allocated enough storage for SMP/E. If necessary, allocate a larger region size for SMP/E, or specify **REGION=0M** to enable the SMP/E job step to get the maximum space above 16 megabytes, and run the job step again.
- Make sure you are using the OPTIONS entry containing the desired PEMAX value. For example, if you are doing an ACCEPT, the DLIBZONE entry on the SET command must name the OPTIONS entry you want to use.
- Decrease the number of SYSMODs being processed. For example, run the command again and limit the SYSMODs to a particular type, function modification identifier (FMID), or SOURCEID.
- Remove a command operand that uses extra storage (such as XREF on the LIST command), and process the command again.
- Decrease the PEMAX value in the OPTIONS entry being used. Remember, however, that you may not be able to process SYSMODs that depend on the larger PEMAX size.

Resolving space problems (x37 abends)

This section suggests ways to:

- Prevent x37 abends
- Recover from x37 abends

Preventing x37 abends

You can prevent data sets from running out of space by doing the following:

- Periodically list the volume tables of contents (VTOCs) of the target library and distribution library volumes, especially after doing a system generation or compressing the data sets. If a data set has a small amount of free space, reallocate a larger data set and copy the old data set into it. This will help prevent future space problems.

For more information about the initial allocation of system and SMP/E data sets, see the program directory shipped with SMP/E.

- Make sure the OPTIONS entry being used contains a RETRYDDN list reflecting the data sets you may need to compress. When this list is specified, if any data set runs out of space during processing, SMP/E tries to recover from the error by compressing the data set. If retry processing does not reclaim sufficient space and input to the utility was batched (copy or link-edit utility only), SMP/E debatches the input and retries the utility for each member separately.

For detailed information on the REPLY operand, see the explanation of ACCEPT, APPLY, LINK, and RESTORE commands in *SMP/E for z/OS Commands*. For guidelines on how to set up the desired retry processing, see *SMP/E for z/OS User's Guide*.

- Compress the affected data sets by specifying the COMPRESS operand on the APPLY, ACCEPT, REJECT, or RESTORE command. The affected data sets will be compressed even if they have enough space for SMP/E processing.

If you specify COMPRESS(ALL) whenever you install a product, you can avoid space problems.

For detailed information on the COMPRESS operand, see the explanation of ACCEPT, APPLY, REJECT, and RESTORE commands in *SMP/E for z/OS Commands*.

- If you use JCLIN to define your own modules assembled with your own macros to SMP/E, and the SYSIN data set to be assembled is large, you may want to include the assembler COPY statement as part of the assembly SYSIN. This enables you to obtain large amounts of data from SYSLIB at assembly time and reduces the size of the assembly data stored in the target zone.

Note: If you use this approach, SMP/E checks the COPY statement, but not the copied data. Therefore, it does not determine whether any modules need to be reassembled because of changes in macros being processed.

Another possibility is to supply the assembly code as a ++SRC element to eliminate the storing of the assembly data in the target zone. This has the side effect of not requiring an assembler JCLIN step.

For examples of adding new load modules and module entries to the target or distribution zone, see *SMP/E for z/OS Commands*.

Recovering from x37 abends

You can often recover from x37 abends by using the following methods:

- If an SMP/E command fails because there is not enough space, check if the COMPRESS operand is allowed and was specified for that command. If the COMPRESS operand is valid, and if it was not specified the last time, rerun the SMP/E command with COMPRESS.
- To obtain additional space in the SMPLOG data set, use one of the following methods:
 - Allocate a new SMPLOG data set and create a backup copy of the old SMPLOG data set, retaining it according to your usual recovery procedures.
 - Create a backup copy of the old SMPLOG, and retain it according to your usual recovery procedures. The next time you run SMP/E commands, specify DISP=OLD for SMPLOG. This overlays the contents of the old SMPLOG that you saved.

You **must** specify DISP=MOD every time you run SMP/E, or you will continue to overlay the SMPLOG every time SMP/E commands are processed.

Note: You can also allocate an alternative SMPLOG data set, SMPLOGA, to be used when the primary SMPLOG data set is full. See *SMP/E for z/OS Reference* for more information.

- To obtain additional space for the target libraries or the distribution libraries, allocate a new, larger data set and copy the old data set that is out of space into the new data set.

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- To obtain additional space for the SMPCSI data set, you can do one of the following:
 - Allocate a new, larger CSI and copy the old data set that is out of space into the new one. (You can use the AMS REPRO command to copy the old CSI into a new, larger CSI.)
 - Use the AMS ALTER ADDVOLUMES command to add another volume to the CSI.
 - Use the AMS IMPORT and EXPORT commands to move the old CSI to a new, larger CSI.

Note: If the job fails again after you have taken steps to get more space, the reason could be that SMP/E updated or created CSI entries before processing stopped for the original abend. If this was the case, do one of the following:

- Restore your CSI with a previously made backup, or
 - Check which element entries (including LMOD entries) were affected by the processing. The Element Summary report from your first attempt to run the job will help you with this step. Then use UCLIN to undo changes to updated entries and to delete any entries that were created and rerun the job.
- To obtain additional space in the SMPMTS, SMPPTS, SMPSCDS, or SMPSTS data set, use one of the following methods:
 - Run the CLEANUP command to delete unnecessary entries from SMPMTS, SMPSTS, or SMPSCDS. You may need to do this when you apply SYSMODs after accepting them, or when you accept SYSMODs that were applied to a group of target libraries built from the same distribution library.
 - Run the ACCEPT command or the REJECT command for any SYSMODs that have not been accepted. On the next ACCEPT or REJECT command you process, specify the COMPRESS operand with a value of SMPMTS, SMPPTS, or SMPSTS. For ACCEPT processing, you must specify PURGE in the OPTIONS entry that is in effect.
 - If no SYSMODs are candidates for an ACCEPT or REJECT command, allocate a new, larger data set, and copy the old data set that is out of space into the new data set.

Resolving VSAM access problems

If SMP/E has difficulty accessing a VSAM data set, it issues message GIM27901S to tell you that a VSAM error has occurred. The message contains a VPLFUNCT value, which may be specified on the DEBUG DUMPRPL command to request a dump of the RPL control block. This dump will be written to the SMPDEBUG data set. (For more information on this command, see “When VSAM errors occur during attempts to access a CSI data set” on page 523 and the DEBUG command in *SMP/E for z/OS Commands*.) You may also see many other messages, depending on the particular VSAM problem. Here are the steps you should follow to correct these problems:

1. Look up any messages you received in Chapter 1, “SMP/E messages,” on page 1 to see if there is any information that can help you correct the problem. Sometimes, the information in the messages may not be definitive enough to correct the problem. However, save any information you can find; it will be important if you call the IBM Support Center.
2. Use the AMS EXAMINE command to analyze errors in the index and data portion of the cluster.
3. If you obtained an RPL dump, review its contents.

The RPL fields that you should check first are in the feedback word at offset X'0C' (the RPL function, the RPL return code, and the error code), as follows:

| | |
|-------|-----------------------------|
| X'00' | ID word |
| X'04' | Pointer to placeholder |
| X'08' | ECB information |
| X'0C' | Feedback word |
| X'0C' | Function <=== |
| X'0D' | Feedback area |
| X'0D' | RPL return code <=== |
| X'0E' | RPL condition |
| X'0F' | Error code <=== |

For an explanation of the RPL return and error codes, see *z/OS DFSMS Macro Instructions for Data Sets*.

- If none of these steps correct the problem, call the IBM Support Center. They will help you request a dump of the RPL control block to obtain further information.

Handling SMP/E abends

When SMP/E abends, the SMP/E extended subtask abend exit (ESTAE) routine receives control and does the following processing:

- Issues message GIM43201T to inform you that ESTAE processing is in effect.
- Performs completion processing for processed or partially processed SYSMODs, and issues completion messages.
- Marks SYSMODs that were in process when the abend occurred, but were not completed, with the ERROR status.
- Produces reports that would have been produced by the command being processed had the abend not occurred.
- Passes control to the supervisor for termination processing with no attempt to retry processing.

If you cannot determine the cause of the abend from the reports, the dump, or the LIST output, you can use the VSAM VERIFY command against the SMP/CSI cluster to close the cluster and see if you receive any further VSAM error messages. This also helps prevent future problems with the SMP/CSI. Then resubmit the job to see if it runs without abending.

If you still cannot correct the abend, contact the IBM Support Center. "Reporting SMP/E problems to IBM" on page 512, describes the information you should have available when you make the call.

Preventing problems with the SMP/E dialogs

You can avoid some problems with the SMP/E dialogs by following these suggestions:

- If you plan to browse or edit JCL created by the dialogs, either allow ISPF to allocate the ISPCTL1 and ISPCTL2 data sets, or allocate them yourself as real (non-virtual I/O) and cataloged.
- If you plan to use OPTIONS entries, use the Administration dialog to define them in the global zone before you specify them on other processing panels. You cannot dynamically create an OPTIONS entry in other SMP/E dialogs (such as the SYSMOD Management dialog) by entering its name on a dialog panel.

Reporting SMP/E problems to IBM

When you report a problem to IBM, you should provide information about your system and the problem you are experiencing. The service representative will use this information to see if your problem is already known to IBM and if a fix is available. You can expect a prompter problem resolution when you make this information readily available when you call.

Information for all failure types

No matter what type of problem you are reporting, you should be ready to provide the IBM Support Center with information about it.

Note: To make sure that all the information you collect is for the same level of your system, you should obtain it by running a single job step. Otherwise, there could be discrepancies. For example, some information might reflect the state your system was in before certain SYSMODs were installed, and some might reflect the state it was in after they were installed.

Be prepared to give the following information to the IBM Support Center:

- Information about your system
 - Details such as the following:
 - Product name**
IBM SMP/E for z/OS and OS/390.
 - Component ID**
5655–G44.
 - Release**
Version 3 Release 6.
 - CBPDO level**
The ID of the most recent CBPDO tape you have installed.
 - PUT_{xxxx} level**
The identifier of the latest service level (PUT_{xxxx}) you have installed.
 - SMP/E service level**
See the report headings, output data sets, message GIM20502I or SMP/E dialog options panel for the SMP/E service level, which will appear as SMP/E *nn.nn*. For example, SMP/E 36.*nn* is IBM SMP/E for z/OS, V3R6 level *nn*.
 - Whether you recently installed products or service
 - Whether you have made any modifications to the SMP/E code
 - Whether you bypassed any SMP/E service
- Information about the problem:
 - The command being processed and all the operands specified
 - A list of messages issued, including the message ID and the complete message text, as found in SMPRPT, SMPOUT, SMPLOG and (possibly) SYSPRINT.
 - The job entry subsystem (JES) job log and allocation messages for related JES messages
 - Any reports that were produced
 - LIST output from before and after command processing
 - A description of what you think the problem is

- Whether you ran the job in error more than once with the same results
- Whether you have recently experienced any other unusual problems
- Failure keyword and associated documentation, as described in the next sections

Types of failure keywords

Failure keywords describe typical problems and can be used to search a database to determine whether your problem is known to IBM.

To determine the failure keyword for your SMP/E problem, read the following list and try to match the symptoms with one or more of those listed for a failure type. If you find a match, follow the procedure for that failure type, as described later in this chapter.

If you do not find a match, report the problem to the IBM Support Center with the information listed at the beginning of this chapter.

- **Abend (ABEND):** SMP/E or an SMP/E subtask has ended abnormally. For example:
 - Message GIM43201T indicates that SMP/E has abended. SMP/E stops running.
 - Message GIM4400x indicates that an SMP/E subtask has abended. SMP/E may keep running, but the SYSMOD it was processing fails.

For information about reporting abends, see “Reporting abends” on page 514.

- **Loop or Wait (LOOP, WAIT):** SMP/E seems to be looping uncontrollably or to have been suspended unexpectedly. For example, the same group of messages appears over and over.

Note: SMP/E can appear to loop for a long time, depending on what it is doing and what system it is running on. This does not necessarily mean there is a problem.

For information about reporting loops and waits, see “Reporting loops and waits” on page 516.

- **Message (MSG):** An SMP/E message indicates an error. For example:
 - An SMP/E message is the only symptom of a problem.
 - An SMP/E message is wrong, missing, or incorrectly formatted.
 - An SMP/E message does not adequately explain why it was issued.

For information about reporting message problems, see “Reporting message problems” on page 516.

- **Incorrect Output (INCORROUT):** SMP/E output is missing or contains unexpected information. For example, the results of APPLY processing are different from the results of APPLY CHECK processing for the same SYSMODs. For information about reporting incorrect output, see “Reporting incorrect output” on page 517.

- **Performance (PERFM):** SMP/E command processing takes an unexpectedly long time.

For information about reporting performance problems, see “Reporting performance problems” on page 517.

- **Documentation (DOC):** A programming problem appears to be caused by incorrect or missing information in an SMP/E manual. For example:
 - Documented descriptions of SMP/E processing do not match actual SMP/E processing.

Reporting SMP/E Problems to IBM

- Essential information for installing or using SMP/E is missing.
- SMP/E information is so vague that it prevents the effective use of SMP/E.
- Information in one SMP/E manual disagrees with information in another.

For information about reporting documentation problems, see “Reporting documentation problems” on page 518.

Note: Report a documentation problem only when it causes a programming error. For suggestions, comments, or questions about the documentation, use the Readers' Comment Form at the back of the publication.

- **Dialogs (DIALOG):** An SMP/E dialog does not work as expected.
For information about reporting dialog problems, see “Reporting dialog problems” on page 518.

Reporting abends

Recommended documentation

Abend dump output containing the:

- Abend code
- Program status word (PSW) in effect at the time of the abend
- Name (ID) of the module that the PSW points to
- Address of the failing instruction
- Program interrupt code
- Save area trace
- Contents of the general registers at the time of the abend

Follow this procedure to gather the recommended documentation and report the problem.

Note: For help in locating items in the abend dump, see *z/OS MVS Diagnosis: Tools and Service Aids*, GA32-0905.

1. Obtain the dump output.

SMP/E produces various types of dumps, depending on the type of abend that has occurred and the dump data sets you have defined. For example:

- If you have defined SMPSNAP, a dump is taken before any cleanup operations are attempted. The dump reflects the state of SMP/E storage at the time of the abend.
- If you have defined SYSABEND or SYSUDUMP, a dump is taken by the ESTAE routine after the cleanup operations.
- If you have defined SMPSNAP and either SYSABEND or SYSUDUMP, dumps are taken before and after cleanup.

See “Collecting documentation for SMP/E problems” on page 522 for additional information about abend dumps.

2. Find the abend code.

The SMP/E abend messages show the abend code for the failure:

- GIM43201T is issued when SMP/E abends.
- GIM4400x is issued when the SMP/E subtask that interfaces with utilities abends.

3. Find the program interrupt code in the supervisor request block (SVRB).

4. Find the save area trace.

5. For a hex 0C1 or hex 0C4 abend:

- a. Find the PSW at the time of the abend.

The location of the PSW in dump output depends on the type of dump taken. Generally, it is on the top of the first page of the dump. You can also find the PSW in the recovery termination manager 2 work area (RTM2WA).

Note: For a SNAP dump, you do **not** want the PSW at the time the dump was taken (the first PSW), but rather the next one, which should be the load module PSW.

Make sure the PSW is for the last SMP/E module that was in control, not for an ISPF or TSO module.

b. Find the failing address.

The PSW may contain the address of either the failing instruction or the next instruction that was to be processed when the abend occurred (this depends on the type of abend).

c. Find the ID of the module that contains the address in the PSW. Then find its entry point address and the displacement within the module of the failing instruction.

You can use the save area trace in a formatted dump to find the module ID, compile date, and entry point address.

If you do not have a save area trace, follow these steps to find the information in the dump:

- 1) To find the module ID, scan the dump output to find the address given in the PSW. Starting at the failing address, scan in descending address order along the right-hand side of the listing until you see an SMP/E module ID. The module ID will be printed in EBCDIC.
- 2) To find the entry point address of the module, continue scanning the listing in descending address order and look for the `47F0F0nn` instruction. The address of this instruction is the module's entry point address.
- 3) To find the displacement of the failing instruction, subtract the entry point address from the address in the PSW.

d. Find the general registers.

You can find the general registers being used at the time of the abend in the save area trace, in RTM2WA, or in the abend SVRB register save area.

e. Determine which register has incorrect information.

Often the failing instruction refers to a general register with an incorrect address, or it points to an incorrect location (such as low-address storage). Use the principles-of-operation manual, the program interruption code from the PSW, and the general registers used in the failing instruction to determine (if possible) the register that contains or points to incorrect data.

You are now ready to report the problem. Go to step 7 on page 516.

6. For other abend codes, see *z/OS MVS System Codes*, SA38-0665.

A complete list of abend codes can be found in *z/OS MVS System Codes*. Each code has an explanation of the documentation required, and problem-determination steps to follow. For example, abends may occur during the processing of supervisor call (SVC) instructions. Parameter lists and register contents passed to SVC routines are documented in *z/OS MVS Diagnosis: Reference*. These manuals may suggest that you get additional information, such as a module name, a return code, a register containing incorrect information, or the name of a system control block containing incorrect parameters.

After making a complete check of these sources, you are ready to report the problem. Continue with the next step.

Reporting SMP/E Problems to IBM

7. Report the problem to the IBM Support Center.
After asking for your account name, license number, and other customer identification, the service representative will ask for a brief description of the problem.

Reporting loops and waits

Recommended documentation

- Dumps of the failure
- System generalized trace facility (GTF) trace output
- SMPLOG data

Follow this procedure to gather the recommended documentation and report the problem.

Attention: SMP/E can appear to loop for a long time, depending on what it is doing and what system it is running on. This does not necessarily indicate a problem. Do not cancel an SMP/E job unless you are sure it is looping or in a wait state. Canceling a job could damage the SMP/CSI or the other data sets SMP/E uses. If the job seems to be looping or waiting too long, call your IBM Support Center to see if you should cancel it.

1. If you have an online I/O checker, such as resource measurement facility (RMF™), use it to see if:
 - No I/O is being performed.
 - The same number of execute channel programs (EXCPs) is used continuously.
2. Check the SMPLOG to see if:
 - No messages are being printed.
 - The same message or group of messages is printed over and over.
3. Slip-trace the branch and link register commands (BALRs) in the system GTF trace, and look for repeated BALRs or repeated strings of BALRs between SMP/E modules.
4. If you have a backup copy of SMP/E, its data sets, and your system data sets, try to recreate the problem. Then, take several dumps of the failure to trace a consistent PSW instruction address or range of addresses. To take the dumps, use a SYSABEND DD card and cancel the job that contains the problem.
5. Report the problem to the IBM Support Center.
After asking for your account name, license number, and other customer identification, the service representative will ask for a brief description of the problem.

Reporting message problems

Recommended documentation

- Message number
- Issuing module and offset where issued
- Sequence of events leading to the problem
- SMPLOG output with the complete message text
- JES job log
- JES allocation messages

Follow this procedure to gather the recommended documentation and report the problem:

1. Look up the message in Chapter 1, "SMP/E messages," on page 1 and follow the recommended procedures.

2. Identify the issuing module.
Rerun the job, if possible, and place the `DEBUG MSGMODID` command before the command that is causing the problem. This will prefix each SMP/E message with the name of the module that issued the message and the offset where the message was issued. See “Tracing SMP/E messages” on page 525 for more information about the `DEBUG MSGMODID` command.
3. Check the JES job log for any messages associated with the SMP/E job.
4. Report the problem to the IBM Support Center.
After asking for your account name, license number, and other customer identification, the service representative will ask for a brief description of the problem.

Reporting incorrect output

Recommended documentation

- Documentation that led you to expect certain output
- Output that shows a discrepancy

Follow this procedure to gather the recommended documentation and report the problem:

1. Save a copy of the documentation that led you to expect certain output, such as output from `APPLY CHECK` or `ACCEPT CHECK`.
2. Save a copy of the output that shows any discrepancies.
3. Report the problem to the IBM Support Center.

After asking for your account name, license number, and other customer identification, the service representative will ask for a brief description of the problem.

Reporting performance problems

Recommended documentation

- Record of the unexpected performance
- Record of performance under another level of SMP/E

Follow this procedure to gather the recommended documentation and report the problem.

Note: You should measure and discuss performance in terms of EXCP counts and CPU time rather than wall-clock time, which can be affected by conditions outside the control of SMP/E.

1. Check to see whether any programs that do a lot of I/O operations, such as Information Management System (IMS), were running when you noticed the degraded performance.
2. Check to see whether you installed any engineering changes or service to SMP/E or other products that may have degraded system performance.
3. If the problem does not seem to be caused by another program or an engineering change, rerun the job under your current level of SMP/E.
4. Run the same job under a previous PTF level or release of SMP/E to demonstrate a difference in performance. Use the same environment, including the same operating system and DASD configuration.
5. If there is a difference in performance, report the problem to the IBM Support Center.

Reporting SMP/E Problems to IBM

After asking for your account name, license number, and other customer identification, the service representative will ask for a brief description of the problem.

Reporting documentation problems

Note: Report a documentation problem only when it causes a programming problem. For suggestions, comments, or questions about the documentation, use the Readers' Comment Form at the back of the publication.

Recommended documentation

- Identification of the incorrect information
- Form number of the publication

Follow this procedure to gather the recommended documentation and report the problem:

1. Identify the incorrect information.
Note the name of the command, operand, or procedure that is incorrectly explained in the documentation (for example, ACCEPT FORFMID).
2. Record the form number.
Note the form number of the SMP/E publication that contains the error. Omit the dashes, but include the revision level. For example, you would report the form number of this publication as GA22177004.
3. Report the problem to the IBM Support Center.
After asking for your account name, license number, and other customer identification, the service representative will ask for a brief description of the problem.

Reporting dialog problems

Recommended documentation

- Job to be accomplished
- ISPF log data set
- Sequence of dialog panels
- Abend dump (if an abend occurred)
- Copy of the panel in error
- ISPF version and service level

Follow this procedure to gather the recommended documentation and report the problem:

1. Describe the job you intended to do with the dialogs.
2. Record the sequence of dialog panels. Enter **panelid** on the command line to have the ID of each panel appear in the upper left corner of the screen. Recreate the problem, and record the ID of each panel you go through and the data you enter on each panel. One way to get this information is to print each screen as you go through the dialog. This writes a copy of each screen to your LIST data set. You can then print that data set to obtain a record of the panels and what you entered. For an example of what to report, see the panel sequence in "Sample dialog problem" on page 519.
3. Print the panel on which the error occurred. Note the panel ID, and print that member from the appropriate data set. The name for the target library for the SMP/E dialog panels depends on which feature of SMP/E you are using:
 - English feature—GIM.SGIMPENU
 - Japanese feature—GIM.SGIMPJPN

4. Print the ISPF log data set. This log contains any dialog error messages that were issued. If you usually delete this data set, change the default to save the log. Then, recreate the problem and print the log.
5. If an abend occurred (such as 0C4), obtain an abend dump. Either add a SYSABEND DD statement to the logon procedure for the TSO session, or allocate a SYSABEND DD statement. Then recreate the problem. When the abend message appears, press ENTER to take the abend dump.
6. If possible, try to run an SMP/E batch job using the LIST command to access the same data.
7. Report the problem to the IBM Support Center.
After asking for your account name, license number, and other customer identification, the service representative will ask for a brief description of the problem.

Sample dialog problem

The following figures are a sample sequence of SMP/E dialog panels. Following the figures is the information you would report if a problem were to occur when you were using the panels.

When you invoke ISPF, there are modes of processing you can specify to obtain additional information that can help you diagnose dialog problems. For example, you could specify TEST when you call ISPF. If an error occurs while you are using a dialog panel, you can request the help panel. This panel will display the ID of the help panel, the ID of the preceding dialog or help panel, and the ID of the error message that was issued.

For more information on the ISPF TEST mode, see *z/OS ISPF Dialog Developer's Guide and Reference*.

For the following figures, assume that you had wanted to display a particular SYSMOD entry in the global zone, but you did not get a panel showing the SYSMOD entry. When you recreate the problem, you would go through the following screens:

Reporting SMP/E Problems to IBM

```
GIM@PRIM                SMP/E PRIMARY OPTION MENU                SMP/E 36.nn
====> 3

  0 SETTINGS             - Configure settings for the SMP/E dialogs
  1 ADMINISTRATION      - Administer the SMPCSI contents
  2 SYSMOD MANAGEMENT   - Receive SYSMODs and HOLDDATA
                        and install SYSMODs
  3 QUERY                - Display SMPCSI information
  4 COMMAND GENERATION  - Generate SMP/E commands
  5 RECEIVE              - Receive SYSMODs, HOLDDATA and
                        support information
  6 MIGRATION ASSISTANT- Generate Planning and Migration Reports
  7 ORDER MANAGEMENT    - Manage ORDER entries in the GLOBAL zone
  D DESCRIBE            - An overview of the dialogs
  T TUTORIAL            - Details on using the dialogs
  W WHAT IS NEW         - What is New in SMP/E

Specify the name of the CSI that contains the global zone:
SMPCSI DATA SET  ====> 'DESCTEST.VSAM.CSI'
(Leave blank for a list of SMPCSI data set names.)

Specify YES to have DD statements for SYSOUT and temporary
data sets generated. Specify NO, to use DDDEFS.
Generate DD statements  ====> NO

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```

Figure 1. SMP/E Primary Option Menu

```
GIMQUPO                QUERY SELECTION MENU
====> 1

  1 CSI QUERY           - Display SMPCSI entries
  2 CROSS-ZONE QUERY    - Display status of an entry in
                        all zones
  3 SOURCEID QUERY      - Display SOURCEIDs for specified zone

  D DESCRIBE            - Overview of using QUERY
  T TUTORIAL            - Information on using QUERY

To return to the SMP/E primary option menu, enter END .

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```

Figure 2. Query selection menu

```

GIMQU1PO          CSI QUERY
===>

Specify the zone, entry type, and name to be queried:

    ZONE NAME      ===> global      Name of the zone to be queried.
                                         To display a list of all zones,
                                         leave blank

    ENTRY TYPE     ===> sysmod      Entry type to be queried.
                                         To display a list of all valid
                                         entry types, leave ENTRY TYPE
                                         and ENTRY NAME blank

    ENTRY NAME     ===>              Entry name to be queried.
                                         Leave blank or use a wildcard
                                         (entry name pattern) to display
                                         a selection list.

To return to the Query selection menu, enter END .

```

Figure 3. CSI query panel

```

GIMQUSEA          CSI QUERY - SELECT ENTRY          SCROLL ===>
===>

Select one entry to query from global zone global :

S  NAME          ACTION
s  F000000
   P000001
   P000002

```

Figure 4. CSI query – select entry panel

This is the information you would report for this panel sequence:

- **Job to be accomplished:**
Display SYSMOD entry F000000 in the global zone.
- **Sequence of dialog panels and data entered:**
 - Panel** **Data entered**
 - GIM@PRIM**
Command line: 3 to select QUERY SMPCSI DATA SET:
'DESCTEST.VSAM.CSI' Generate DD statements: left as NO
 - GIMQUPO**
Command line: 1 to select CSI QUERY
 - GIMQU1PO**

ZONE NAME: global
ENTRY TYPE: sysmod
 - GIMQUSEA**
Line command: s to select SYSMOD entry F000000.
- **Problem:**
Panel GIMQIT26 was not displayed after SYSMOD entry F000000 was selected from the global zone.

Collecting documentation for SMP/E problems

This chapter describes SMP/E dumps, commands, and reports that provide helpful diagnostic information.

Obtaining dumps when abends occur

If an abend occurs while you are processing a command, define an SMPSNAP data set and rerun the command to get a dump. A diagnostic dump of SMP/E storage is automatically written to the SMPSNAP data set when:

- An unexpected VSAM error occurs (dump ID 083).
SMP/E issues message GIM443xx or GIM442xx (or both) to describe the condition that caused the dump.
- A nonrecoverable SMP/E error occurs (dump ID 084).
This dump is made upon entry to the SMP/E ESTAE routine for nonrecoverable abends. In addition to the SMPSNAP data set, you may also define a SYSABEND or SYSUDUMP data set.
 - If SMPSNAP was defined, a dump is taken before any cleanup operations are attempted. This dump reflects the state of SMP/E storage at the time of the abend.
 - If SYSABEND or SYSUDUMP was defined, a dump is taken after the cleanup operations by the ESTAE routine.
 - If SMPSNAP and either SYSABEND or SYSUDUMP were defined, dumps are taken before and after cleanup.

If an error occurs while SMP/E is trying to access a VSAM data set, message GIM27901S informs you that a VSAM error has occurred. The message contains a VPLFUNCT value, which may be specified on the DEBUG DUMPRPL command to request a dump of the VSAM RPL control block. You may also see many other messages; look these up in Chapter 1, “SMP/E messages,” on page 1 to see if you can correct the problem.

If you cannot correct the problem after checking the messages you received from running the job, call the IBM Support Center. They will help you obtain a dump of the RPL control block, which will provide them with further information.

Using the DEBUG command

The DEBUG command helps you to collect diagnostic information. If you are experiencing a problem with an SMP/E command, the IBM Support Center may ask you to use the SMP/E DEBUG command to gather more information about the problem. The DEBUG command is used with other SMP/E commands to:

- Obtain dumps of SMP/E storage
- Obtain dumps of VSAM RPL control blocks
- Trace the source of SMP/E messages
- Retain temporary work directories

These uses of the DEBUG command are described later in this chapter.

Obtaining DEBUG dumps

Since most SMP/E problems are not serious enough to cause abends, you do not always have an abend dump to help you find the source of the problem. To obtain this information, you can use the DEBUG command to request dumps of SMP/E

control blocks, storage, and work areas. There are several types of dumps you can get, depending on whether you want SMP/E to take the dump:

- When specific messages are issued
- When VSAM errors occur during an attempt to access a CSI data set
- At specific points in SMP/E processing

When specific messages are issued: SMP/E storage and work areas can be dumped whenever specific SMP/E messages are issued. To obtain this dump, use the `DEBUG DUMPMSG` and `DEBUG DUMPOFF DUMPMSG` commands with the command where the problem is occurring. For the dump output, you must define the `SMP SNAP` data set with either a `DD` statement or a `DDDEF` entry.

- To request a dump of SMP/E storage and work areas, enter:

```
DEBUG DUMPMSG(msg-id)[,(msg-id)...]
```

msg-id

is the first 8 characters of an SMP/E message ID (such as `GIM62801`). You must specify at least one message ID.

- To stop these dumps, enter:

```
DEBUG DUMPOFF DUMPMSG.
```

DUMPOFF DUMPMSG

stops dumps for all messages that were specified on a previous `DEBUG DUMPMSG` command. You cannot stop dumps for a particular message ID.

Note: `DEBUG DUMPOFF` without the `DUMPMSG` operand stops **all** `DEBUG` dumps, including those requested with `DEBUG DUMPMSG` and those requested with `DEBUG DUMPON` and `DEBUG DUMPRPL`, which are also described in this chapter. Use this command only if you want to stop **all** `DEBUG` dumping.

For more information on the `DEBUG` command, see *SMP/E for z/OS Commands*.

When VSAM errors occur during attempts to access a CSI data set: VSAM RPL control blocks can be dumped when an error occurs during an attempt to access a CSI data set. This RPL dump can be used to analyze the cause of the error.

Note: Because `VPLFUNCT` values refer to types of internal SMP/E processing, they can be used only in conjunction with the IBM Support Center and are not described in this publication.

To obtain this dump, use the `DEBUG DUMPRPL` and `DEBUG DUMPOFF` commands. For the dump output, you must define the `SMP DEBUG` data set with either a `DD` statement or a `DDDEF` entry.

- To request a dump of the VSAM RPL control block, enter the following command after the `SET` command and before the command experiencing the error:

```
DEBUG DUMPRPL(vplfunct[,vplfunct]...) .
```

vpl funct

is a `VPLFUNCT` value supplied by IBM.

Note: You can combine `VPLFUNCT` values and dump points on the same `DEBUG DUMPOFF` command.

- To stop specific dumps, enter the following command after the command experiencing the error:

```
DEBUG DUMPOFF(vplfunct[,vplfunct]...) .
```

Collecting Documentation for Problems

vp1 funct

is a VPLFUNCT value specified on a previous DEBUG DUMPRPL command.

- To stop all DEBUG dumps, enter the following command after the command experiencing the error:

DEBUG DUMPOFF .

Note: This stops **all** DEBUG dumps, including those requested with DEBUG DUMPMSG, which is described in “When specific messages are issued” on page 523. Use this command only if you want to stop **all** DEBUG dumping.

If you specify DUMPON or DUMPRPL and DUMPOFF on the same DEBUG command, these operands are processed in the order in which they occur. If you specify the same dump ID on both operands, the last specification is used.

The DEBUG commands cause an RPL dump to be written to the SMPDEBUG data set.

The RPL fields that you should check first are in the feedback word at offset X'0C' (the RPL function, the RPL return code, and the error code), as follows:

X'00' ID word
X'04' Pointer to placeholder
X'08' ECB information
X'0C' Feedback word
 X'0C' **Function** <===
 X'0D' Feedback area
 X'0D' **RPL return code** <===
 X'0E' RPL condition
 X'0F' **Error code** <===

For an explanation of the RPL return and error codes, see *z/OS DFSMS Macro Instructions for Data Sets*.

For more information on the DEBUG command, see *SMP/E for z/OS Commands*.

At a specific point in SMP/E processing: SMP/E control blocks and data areas can be dumped and formatted for various dump points within SMP/E.

Note: Because the dump points correspond to specific areas of SMP/E code, they can be used only in conjunction with the IBM Support Center and are not described in this publication.

To obtain this dump, use the DEBUG DUMPON and DEBUG DUMPOFF commands with the command in which the problem is occurring. You can request a formatted dump and give it a title, or you can request a SNAP dump without a title. For a formatted dump, you must define the SMPDEBUG data set with either a DD statement or a DDDEF entry. For a SNAP dump, you must define the SMPSNAP data set with either a DD statement or a DDDEF entry.

There are various ways to start and stop these dumps, depending on which dump you are interested in:

- To request a formatted dump, enter:

DEBUG DUMPON((dump-id[,dump-title]),(dump-id[, dump-title])...).

dump-id

is the name of the dump point provided by IBM. You must specify at least one dump point.

dump-title

is an optional header page title that you can give a formatted dump. The dump title may have up to 100 characters. If it contains parentheses, right and left parentheses must be in matched pairs.

- To request a SNAP dump, enter:

```
DEBUG DUMPON((dump-id)[,(dump-id)]... SNAP) .
```

dump-id

is the name of the dump point provided by IBM. You must specify at least one dump point.

Note: You cannot specify a dump title for a SNAP dump.

- To stop specific dumps, enter:

```
DEBUG DUMPOFF(dump-id[,dump-id]...) .
```

dump-id

is the name of a dump point that was specified on a previous DEBUG DUMPON command.

Note: You can combine dump points and VPLFUNCT values on the same DEBUG DUMPOFF command.

- To stop all DEBUG dumps, enter:

```
DEBUG DUMPOFF .
```

Note: This stops **all** DEBUG dumps, including those requested with DEBUG DUMPMSG, which is also described in this chapter. Use this command only if you want to stop **all** DEBUG dumping.

If you specify DUMPON or DUMPRPL and DUMPOFF on the same DEBUG command, these operands are processed in the order in which they occur. If you specify the same dump ID on both operands, the last specification is used.

For more information on the DEBUG command, see *SMP/E for z/OS Commands*.

Tracing SMP/E messages

By use of the DEBUG command, you can determine which module issued a particular message and the offset in that module in which the message was issued.

- To trace the source of SMP/E messages, enter:

```
DEBUG MSGMODID(ON) .
```

This prefixes all SMP/E messages with the following string:

```
@module+x'offset'
```

module

is the name of the SMP/E module (without the GIM prefix) that issued the message.

offset

is the hexadecimal offset into the module where the message was issued.

- To stop SMP/E message tracing, enter:

```
DEBUG MSGMODID(OFF) .
```

Messages are no longer prefixed with the name and offset of the module.

Collecting Documentation for Problems

Retaining temporary JARUPD work directories

During APPLY and ACCEPT command processing of JARUPD elements, SMP/E creates temporary work directories in the /tmp directory of the UNIX file system. Ordinarily, SMP/E will delete these directories when JARUPD processing is completed. However, you may find it useful to inspect the contents of these directories when debugging problems with JARUPD processing.

- To instruct SMP/E to keep these temporary work directories at command completion, enter:

DEBUG KEEPDIR(ON) .

SMP/E will keep temporary work directories created in the UNIX file system at the end of command processing.

- When you no longer need SMP/E to keep these temporary work directories, enter:

DEBUG KEEPDIR(OFF) .

SMP/E will delete the temporary work directories at the end of command processing.

Appendix. Accessibility

Accessible publications for this product are offered through the z/OS Information Center.

If you experience difficulty with the accessibility of any z/OS information, please send a detailed message to mhvrcfs@us.ibm.com or to the following mailing address:

IBM Corporation
Attention: MHVRCFS Reader Comments
Department H6MA, Building 707
2455 South Road
Poughkeepsie, NY 12601-5400
USA

Accessibility features

Accessibility features help a user who has a physical disability, such as restricted mobility or limited vision, to use software products successfully. The major accessibility features in z/OS enable users to:

- Use assistive technologies such as screen readers and screen magnifier software
- Operate specific or equivalent features using only the keyboard
- Customize display attributes such as color, contrast, and font size.

Using assistive technologies

Assistive technology products, such as screen readers, function with the user interfaces found in z/OS. Consult the assistive technology documentation for specific information when using such products to access z/OS interfaces.

Keyboard navigation of the user interface

Users can access z/OS user interfaces using TSO/E or ISPF. Refer to *z/OS TSO/E Primer*, *z/OS TSO/E User's Guide*, and *z/OS ISPF User's Guide Vol I* for information about accessing TSO/E and ISPF interfaces. These guides describe how to use TSO/E and ISPF, including the use of keyboard shortcuts or function keys (PF keys). Each guide includes the default settings for the PF keys and explains how to modify their functions.

Dotted decimal syntax diagrams

Syntax diagrams are provided in dotted decimal format for users accessing the z/OS Information Center using a screen reader. In dotted decimal format, each syntax element is written on a separate line. If two or more syntax elements are always present together (or always absent together), they can appear on the same line, because they can be considered as a single compound syntax element.

Each line starts with a dotted decimal number; for example, 3 or 3.1 or 3.1.1. To hear these numbers correctly, make sure that your screen reader is set to read out punctuation. All the syntax elements that have the same dotted decimal number (for example, all the syntax elements that have the number 3.1) are mutually

exclusive alternatives. If you hear the lines 3.1 USERID and 3.1 SYSTEMID, you know that your syntax can include either USERID or SYSTEMID, but not both.

The dotted decimal numbering level denotes the level of nesting. For example, if a syntax element with dotted decimal number 3 is followed by a series of syntax elements with dotted decimal number 3.1, all the syntax elements numbered 3.1 are subordinate to the syntax element numbered 3.

Certain words and symbols are used next to the dotted decimal numbers to add information about the syntax elements. Occasionally, these words and symbols might occur at the beginning of the element itself. For ease of identification, if the word or symbol is a part of the syntax element, it is preceded by the backslash (\) character. The * symbol can be used next to a dotted decimal number to indicate that the syntax element repeats. For example, syntax element *FILE with dotted decimal number 3 is given the format 3 * FILE. Format 3* FILE indicates that syntax element FILE repeats. Format 3* * FILE indicates that syntax element * FILE repeats.

Characters such as commas, which are used to separate a string of syntax elements, are shown in the syntax just before the items they separate. These characters can appear on the same line as each item, or on a separate line with the same dotted decimal number as the relevant items. The line can also show another symbol giving information about the syntax elements. For example, the lines 5.1*, 5.1 LASTRUN, and 5.1 DELETE mean that if you use more than one of the LASTRUN and DELETE syntax elements, the elements must be separated by a comma. If no separator is given, assume that you use a blank to separate each syntax element.

If a syntax element is preceded by the % symbol, this indicates a reference that is defined elsewhere. The string following the % symbol is the name of a syntax fragment rather than a literal. For example, the line 2.1 %OP1 means that you should refer to separate syntax fragment OP1.

The following words and symbols are used next to the dotted decimal numbers:

- ? means an optional syntax element. A dotted decimal number followed by the ? symbol indicates that all the syntax elements with a corresponding dotted decimal number, and any subordinate syntax elements, are optional. If there is only one syntax element with a dotted decimal number, the ? symbol is displayed on the same line as the syntax element, (for example 5? NOTIFY). If there is more than one syntax element with a dotted decimal number, the ? symbol is displayed on a line by itself, followed by the syntax elements that are optional. For example, if you hear the lines 5 ?, 5 NOTIFY, and 5 UPDATE, you know that syntax elements NOTIFY and UPDATE are optional; that is, you can choose one or none of them. The ? symbol is equivalent to a bypass line in a railroad diagram.
- ! means a default syntax element. A dotted decimal number followed by the ! symbol and a syntax element indicates that the syntax element is the default option for all syntax elements that share the same dotted decimal number. Only one of the syntax elements that share the same dotted decimal number can specify a ! symbol. For example, if you hear the lines 2? FILE, 2.1! (KEEP), and 2.1 (DELETE), you know that (KEEP) is the default option for the FILE keyword. In this example, if you include the FILE keyword but do not specify an option, default option KEEP will be applied. A default option also applies to the next higher dotted decimal number. In this example, if the FILE keyword is omitted, default FILE(KEEP) is used. However, if you hear the lines 2? FILE, 2.1, 2.1.1!

(KEEP), and 2.1.1 (DELETE), the default option KEEP only applies to the next higher dotted decimal number, 2.1 (which does not have an associated keyword), and does not apply to 2? FILE. Nothing is used if the keyword FILE is omitted.

- * means a syntax element that can be repeated 0 or more times. A dotted decimal number followed by the * symbol indicates that this syntax element can be used zero or more times; that is, it is optional and can be repeated. For example, if you hear the line 5.1* data area, you know that you can include one data area, more than one data area, or no data area. If you hear the lines 3*, 3 HOST, and 3 STATE, you know that you can include HOST, STATE, both together, or nothing.

Note:

1. If a dotted decimal number has an asterisk (*) next to it and there is only one item with that dotted decimal number, you can repeat that same item more than once.
 2. If a dotted decimal number has an asterisk next to it and several items have that dotted decimal number, you can use more than one item from the list, but you cannot use the items more than once each. In the previous example, you could write HOST STATE, but you could not write HOST HOST.
 3. The * symbol is equivalent to a loop-back line in a railroad syntax diagram.
- + means a syntax element that must be included one or more times. A dotted decimal number followed by the + symbol indicates that this syntax element must be included one or more times; that is, it must be included at least once and can be repeated. For example, if you hear the line 6.1+ data area, you must include at least one data area. If you hear the lines 2+, 2 HOST, and 2 STATE, you know that you must include HOST, STATE, or both. Similar to the * symbol, the + symbol can only repeat a particular item if it is the only item with that dotted decimal number. The + symbol, like the * symbol, is equivalent to a loop-back line in a railroad syntax diagram.

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The minimum supported hardware for z/OS releases identified in z/OS announcements can subsequently change when service for particular servers or devices is withdrawn. Likewise, the levels of other software products supported on a particular release of z/OS are subject to the service support lifecycle of those products. Therefore, z/OS and its product publications (for example, panels, samples, messages, and product documentation) can include references to hardware and software that is no longer supported.

- For information about software support lifecycle, see: IBM Lifecycle Support for z/OS (<http://www.ibm.com/software/support/systemsz/lifecycle/>)
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