IBM SMP/E for z/OS

Messages, Codes, and Diagnosis
IBM SMP/E for z/OS

Messages, Codes, and Diagnosis

This book replaces the previous edition, GA22-7770-13, which is now obsolete. Changes or additions to text and illustrations are indicated by a vertical line to the left of the change.

This edition applies to IBM SMP/E for z/OS, V3R5, program number 5655-G44, and to all subsequent releases and modifications, unless 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.” 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.” 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.” 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    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).

### Bibliography

This section tells you more about the SMP/E library.

- Table 1 lists the IBM SMP/E for z/OS, V3R5 publications and briefly describes each one.
- For information on z/OS® publications and more information on the IBM SMP/E for z/OS, V3R5 books, see [z/OS Information Roadmap](http://www.ibm.com/servers/eserver/zseries/zos/bkserv/lookat/lookatm.html)

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<td><strong>SMP/E Messages, Codes, and Diagnosis</strong> GA22-7770</td>
<td>Explains SMP/E messages and return codes and the actions to take for each; and how to handle suspected SMP/E problems.</td>
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### Using LookAt to look up message explanations

LookAt is an online facility that lets you look up explanations for most of the IBM messages you encounter, as well as for some system abends and codes. Using LookAt to find information is faster than a conventional search because in most cases LookAt goes directly to the message explanation.

You can use LookAt from these locations to find IBM message explanations for z/OS elements and features, z/VM®, z/VSE™, and Clusters for AIX® and Linux®:

- Your z/OS TSO/E host system. You can install code on your z/OS systems to access IBM message explanations using LookAt from a TSO/E command line (for example: TSO/E prompt, ISPF, or z/OS UNIX® System Services).
- Your Microsoft® Windows® workstation. You can install LookAt directly from the z/OS Collection (SK3T-4269) or the z/OS and Software Products DVD Collection (SK3T-4271) and use it from the resulting Windows graphical user interface (GUI). The command prompt (also known as the DOS > command line) version can still be used from the directory in which you install the Windows version of LookAt.
- Your wireless handheld device. You can use the LookAt Mobile Edition from [www.ibm.com/servers/eserver/zseries/zos/bkserv/lookat/lookatm.html](http://www.ibm.com/servers/eserver/zseries/zos/bkserv/lookat/lookatm.html) with a handheld device that has wireless access and an Internet browser.
Bibliography

You can obtain code to install LookAt on your host system or Microsoft Windows workstation from:
- A CD in the z/OS Collection (SK3T-4269).
- The z/OS and Software Products DVD Collection (SK3T-4271).
- The LookAt Web site (click Download and then select the platform, release, collection, and location that suit your needs). More information is available in the LOOKAT.ME files available during the download process.

The z/OS Basic Skills Information Center

The z/OS Basic Skills Information Center is a Web-based information resource intended to help users learn the basic concepts of z/OS, the operating system that runs most of the IBM mainframe computers in use today. The Information Center is designed to introduce a new generation of Information Technology professionals to basic concepts and help them prepare for a career as a z/OS professional, such as a z/OS system programmer.

Specifically, the z/OS Basic Skills Information Center is intended to:
- Provide basic education and information about z/OS without charge
- Shorten the time it takes for people to become productive on the mainframe
- Make it easier for new people to learn z/OS.

To access the z/OS Basic Skills Information Center, open your Web browser to the following Web site, which is available to all users (no login required):
http://publib.boulder.ibm.com/infocenter/zos/basics/index.jsp
Summary of changes

Summary of changes
for GA22-7770-14
SMP/E Version 3 Release 5

This revision reflects the deletion, addition, or modification of information to support miscellaneous maintenance items. A vertical bar ( | ) in the left margin indicates changes to the text and illustrations.

The following message has been added:

- GIM44285I

You may notice changes in the style and structure of some content in this document—for example, headings that use uppercase for the first letter of initial words only, and procedures that have a different look and format. The changes are ongoing improvements to the consistency and retrievability of information in our documents.

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

Summary of changes
for GA22-7770-13
SMP/E Version 3 Release 5

This revision reflects the deletion, addition, or modification of information to support miscellaneous maintenance items. A vertical bar ( | ) in the left margin indicates changes to the text and illustrations.

The following messages have been added:

- GIM26316E
- GIM26316S
- GIM34401I
- GIM34401S
- GIM35973I
- GIM35974I
- GIM35975I
- GIM35976I
- GIM35977I
- GIM42001I
- GIM50811E
- GIM50811S
- GIM50812E
- GIM50812S
- GIM58902S
- GIM58903W

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These messages have been changed:

- GIM58904E
- GIM58905E
- GIM58906S
- GIM69224S
- GIM69225E
- GIM69227W
- GIM69228I
- GIM69229I
- GIM69230E
- GIM69231E
- GIM69232S
- GIM69233I
- GIM69234I

This document contains terminology, maintenance, and editorial changes, including changes to improve consistency and retrievability.

Summary of changes
for GA22-7770-12
SMP/E Version 3 Release 4

This revision reflects the deletion, addition, or modification of information to support miscellaneous maintenance items. A vertical bar ( | ) in the left margin indicates changes to the text and illustrations.

The following message has been added:

- GIM41401W

These messages have been changed:

- GIM69158I
This document contains terminology, maintenance, and editorial changes, including changes to improve consistency and retrievability.

Summary of changes for GA22-7770-11
SMP/E Version 3 Release 4

This revision reflects the deletion, addition, or modification of information to support miscellaneous maintenance items.

The following message has been added:
• GIM69226I

These messages have been changed:
• GIM44336S
• GIM44336S
• GIM69148S
• GIM69160S
• GIM69188S
• GIM69192S
• GIM69193I
• GIM69198S
• GIM69207S

This document contains terminology, maintenance, and editorial changes, including changes to improve consistency and retrievability.

Summary of changes for GA22-7770-10
SMP/E Version 3 Release 4

This revision reflects the deletion, addition, or modification of information to support miscellaneous maintenance items.

These messages have been added:
• GIM35972I
• GIM50202E

This document contains terminology, maintenance, and editorial changes, including changes to improve consistency and retrievability.

Summary of changes for GA22-7770-09
SMP/E Version 3 Release 4

This revision reflects the deletion, addition, or modification of information to support miscellaneous maintenance items.

These messages have been changed:
• These messages have been changed:
  – GIM47300E

The following updates are made for the APAR changes IO03469 and IO03647.
• These messages have been added:
  – GIM47301E
  – GIM69214W
  – GIM69222S
  – GIM69223I

This document contains terminology, maintenance, and editorial changes, including changes to improve consistency and retrievability.

Summary of changes
for GA22-7770-08
SMP/E Version 3 Release 4

This revision reflects the deletion, addition, or modification of information to support miscellaneous maintenance items.
• These messages have been changed:
  – GIM69208S
  – GIM69209S
  – GIM69217I
  – GIM69218I
  – GIM44336S

• The following message has been added:
  – GIM69221W

This document contains terminology, maintenance, and editorial changes, including changes to improve consistency and retrievability.
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 GIMnnnvv yy text. WTO, WTP, and WTOR messages are in the format GIMnnv yy text.

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

<table>
<thead>
<tr>
<th>Severity Level</th>
<th>Return Code</th>
<th>Category</th>
<th>When Issued</th>
</tr>
</thead>
</table>
| I              | 00          | Informational  | • To show stages of SMP/E processing.  
• To accompany other messages as an explanation for errors or unusual conditions.                                                    |
| W              | 04          | Warning        | • 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          | • 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         | • 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    | • A situation occurred that forced SMP/E processing to stop.                                                                           |
| T              | 20          | Terminating    | • 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](https://publib.boulder.ibm.com/epubs/pdf/shtmnrb9g.pdf) for an explanation of the system abend and reason codes.

### GIM00002W

**Message:** 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.

### GIM2010I

**Message:** **proctype** PROCESSING FAILED FOR THE **ddname** LIBRARY.

**Explanation:**
- **proctype** OPEN or CLOSE
- **ddname** dname 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.

### GIM2010W

**Message:** **proctype** PROCESSING FAILED FOR THE **ddname** LIBRARY.

**Explanation:**
- **proctype** OPEN or CLOSE
- **ddname** dname 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.

### GIM2010E

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

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

---

**GIM20101S**  
procype PROCESSING FAILED FOR THE ddname LIBRARY.

**Explanation:**

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

---

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

**Explanation:**

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

**GIM2030S**  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.

---

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

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

**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.

GIM20309S  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: SYMSMOD processing stops.

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

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: SYMSMOD processing stops.

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

GIM20312S 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 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 LMODS CALLLIBS command since the REPORT CALLLIBS command is not supported in SMP/E Version 3 Release 2 or higher.
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.

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 one 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.

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 any 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.

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

REJECT STATISTICS

- SYMDS REJECTED - number
- SYMDS NOT REJECTED - number
- FRIDs DELETED - number
- FRIDs NOT DELETED - number
- HOLDATA DELETED - number
- FEATURE ENTRIES REJECTED - number
- PRODUCT ENTRIES REJECTED - number
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 number of FMIDs that were deleted. This includes FMIDs specified on the DELETEFMID 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 DELETEFMID operand that were not deleted.

HOLDDATA DELETED
is the number of external 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”] 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 35.nn is V3R5.0 service level nn.

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 \texttt{command} \texttt{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:**
\begin{itemize}
  \item \texttt{command} \quad command being processed
  \item \texttt{zonename} \quad name of the current zone being processed
  \item \texttt{newversion} \quad the new version of SMP/E which updated the zone
  \item \texttt{newrelease} \quad the new release of SMP/E which updated the zone
  \item \texttt{version} \quad the version of SMP/E currently being executed
  \item \texttt{release} \quad the release of SMP/E currently being executed
\end{itemize}

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:
\begin{itemize}
  \item 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.
  \item Rerun the command using a higher level of SMP/E.
\end{itemize}

GIM20601E \texttt{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.

**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 \texttt{command PROCESSING STOPPED BECAUSE OF THE RETURN CODE ISSUED BY THE EXIT ROUTINE.}

**Explanation:**
\begin{itemize}
  \item \texttt{command} \quad SMP/E command
\end{itemize}

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.
GIM20600E  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.

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 dname.

Explanation: loadmod LMOD being linked
sysmod SYSMOD causing link-edit
modname module name
dataset dataset name
dsname data set name of SMPTLIB or LKLIB

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 "rfdsmpfx.sysmod_id.Fnnnn" to exist in the GIMZIP package, where:
**rfdsnpx** is the prefix supplied by the RFPREPPIX operand on the header MCS statement that is being processed. This part of the data set name is optional. If no RFDNPFX 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.

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

For example, if GIMZIP processing encounters these two files:

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

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

++RENAMe (LMODA) TONAME (LMODB).
++RENAMe (LMODB) TONAME (LMODC).

**System action:** Processing continues.

**Programmer response:** To see the inline ++HOLD statements that were overlaid, list the MCS entry for

**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*: dname 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:** SYMMD 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:** Command 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:** SYMMD 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  
*smplib* HAS A DSNTYPE OF *dsntype1*.  
THIS DIFFERS FROM THE DSNTYPE OF *dsntype2* FOR THE CORRESPONDING RELFILE DATA SET *relfile*.

**Explanation:**
- *smplib*: 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.
**Explanation:**

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

**System action:** SYM 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.
- If you did not get any utility output, check the value specified for the PRINT subentry in the UTILTY 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.

**Explanation:**

sysmod: SYMID
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 SYMID 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.

**Explanation:**

sysmod: SYMID
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 SYMID 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.
**Explanation:**

*sysmod*  
SYSMOD ID  

*member*  
member (element) name  

*library*  
ddname of the library  

*abnocode*  
abend code  

*yy*  
year  

*ddd*  
Julian day  

*hh*  
military hour  

*mm*  
minutes  

*ss*  
seconds  

*seqno*  
utility sequence number  

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.

---

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

**Explanation:**

*enttype*  
entry type  

*entname*  
entry name  

*zonename*  
named 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 PMAX value after
SMP/E processes SYSMODs with a larger
PMAX, because existing SYSMOD entries
may be too large for SMP/E to process.

- Make sure the OPTIONS entry containing the
  increased PMAX 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 PMAX VALUE IN THE
CURRENT OPTIONS ENTRY WAS
EXCEEDED.

Explanation:
enttype entry type
entname entry name
library dname of the library being
processed

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

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

- Make sure the OPTIONS entry containing the
  increased PMAX 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 PMAX 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
PMAX value greater than the value in the current OPTIONS
entry.

Notes:
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 PMAX
   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 PMAX value in the
  OPTIONS entry.
Note: Do not decrease the PEMA\textsuperscript{X} value after
SMP/E processes SYSMODs with a larger
PEMA\textsuperscript{X}, because existing SYSMOD entries
may be too large for SMP/E to process.

- Make sure the OPTIONS entry containing the
increased PEMA\textsuperscript{X} 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** \textit{enttype} ENTRY \textit{entname} IN THE \textit{zonename} 
ZONE WAS NOT PROCESSED
BECAUSE THE PEMA\textsuperscript{X} VALUE IN THE
CURRENT OPTIONS ENTRY WAS
EXCEEDED.

**Explanation:**
\textit{enttype} entry type
\textit{entname} entry name
\textit{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
PEMA\textsuperscript{X} value greater than the value in the current
OPTIONS entry.

**Notes:**
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 PEMA\textsuperscript{X}
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 PEMA\textsuperscript{X} value. RESTORE processing checks
to see whether the candidate SYSMOD has a
dependency on any other SYSMOD not yet
accepted.

**System action:** Command processing stops.

**Programmer response:** Do one of the following, as
appropriate:
- Use UCLIN to increase the PEMA\textsuperscript{X} value in the
OPTIONS entry.

**Note:** Do not decrease the PEMA\textsuperscript{X} value after
SMP/E processes SYSMODs with a larger
PEMA\textsuperscript{X}, because existing SYSMOD entries
may be too large for SMP/E to process.
- Make sure the OPTIONS entry containing the
increased PEMA\textsuperscript{X} 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 \textit{entname} IN THE \textit{zonename} ZONE
WAS NOT PROCESSED
BECAUSE THE PEMA\textsuperscript{X} VALUE IN THE
CURRENT OPTIONS ENTRY WAS
EXCEEDED.

**Explanation:**
\textit{entname} entry name
\textit{zonename} name of the zone being processed

SMP/E could not create, update, list the indicated
entry because the SYSMOD entry needed a PEMA\textsuperscript{X}.
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 PEMA\$ value in the OPTIONS entry.

**Note:** Do not decrease the PEMA\$ value after SMP/E processes SYSMODs with a larger PEMA\$, because existing SYSMOD entries may be too large for SMP/E to process.
- Make sure the OPTIONS entry containing the increased PEMA\$ 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 PEMA\$ 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 PEMA\$ 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 PEMA\$ value in the OPTIONS entry.

**Note:** Do not decrease the PEMA\$ value after SMP/E processes SYSMODs with a larger PEMA\$, because existing SYSMOD entries may be too large for SMP/E to process.
- Make sure the OPTIONS entry containing the increased PEMA\$ 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 SMPLIB DATA SET smplib.

**Explanation:**
- **relfile** the RELFILE data set name
- **smplib** the SMPLIB 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 SMPLIB 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 SMPLIB 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 SMPLIB 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 SMPLIB 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 refile.
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 RFPRFPFX operand on the header MCS statement that is being processed. This part of the data set name is optional. If no RFDSNFPFX 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 SYMMD to which the 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 SYMMD. This part data set name is required.

The refile name was not found in the GIMZIP package. SMP/E will search the refile 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 refile 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 refile name is “IBM.SYMD1.F1”. In this case, SMP/E would consider “SERVERPAC.IBM.SYMD1.F1.pax.Z” to be a match for the expected refile name (the “SERVERPAC.” qualifier is ignored), whereas SMP/E would not consider “SERVERPAC.POKIBM.SYMD1.F1.pax.Z” to be a match for the expected refile name (because “POKIBM” does not match “IBM” and is part of a required qualifier).

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

Programmer response: The RELFILE name may have been accidentally deleted, never included, or improperly 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 dname 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
entname1 entry name of the alias
enttype2 entry type of the element
entname2 entry name of the element
library dname 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 dname 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

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

System action: SYMMOD 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 SYMMOD sysmod.

Explanation:
command SMP/E command
sysmod SYMMOD ID

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

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

System action: Processing stops for the SYMMOD 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 SYMMOD sysmod. SYMMOD sysmod WOULD HAVE UPDATED THE library LIBRARY, BUT THE library LIBRARY IS OUT OF SPACE.

Explanation:
command SMP/E command
sysmod SYMMOD ID
library ddbname of the library

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

System action: SYMMOD processing stops for the indicated SYMMOD.

Programmer response: Increase the size of the out-of-space library and rerun the command for the indicated SYMMOD. If it was the SMPLTS that ran out of space and the UPLEVEL 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 UPLEVEL subentry exists for the set-to zone, CLEANUP will not reclaim any space in the SMPLTS.)

GIM22701I command PROCESSING WAS SUCCESSFUL FOR SYMMOD sysmod.

Explanation:
command SMP/E command
sysmod SYMMOD ID

Command processing was successful for SYMMOD 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 ddbname

The indicated alias for the specified data element cannot 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 proname WAS REQUIRED FOR SMP/E PROCESSING BUT WAS NOT AVAILABLE.

**Explanation:**
- proname: 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 proname THAT IS REQUIRED FOR SMP/E PROCESSING. THE RETURN CODE WAS rtncode.

**Explanation:**
- proname: program name
- rtncode: return code

SMP/E issued a BLDL macro instruction for program proname 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.
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 SMPNTS 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 SMPNTS 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.
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.

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.

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

Explanation:
library: ddname of library being processed

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.
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  
OCURRED 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  
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 SYSPRINT 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    dname 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    dname 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.

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    dname 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 UTILTY entry is
   the one you want to use. Make sure the OPTIONS
   entry you are using contains the name of that
   UTILTY 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 cal in an SMP/E run.

Note: If you did not get any utility output, check
the value specified for the PRINT subentry in
the UTILTY entry. This dname 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  SYMID
  modname  module name
  loadmod  load module name
  library  ddbname 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:  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  ddbname of the library from which the data was to be copied
  library  ddbname of the library to which the data was to be installed
  enttype  entry type
  entname  entry name
  sysmod  SYMID
  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 E, 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
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.

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 SYSPRT class that suppresses output.

3. Correct the error and rerun the job.

---

Compatible with the record format of the input data set. Compatible record formats are:

<table>
<thead>
<tr>
<th>INPUT</th>
<th>OUTPUT</th>
</tr>
</thead>
<tbody>
<tr>
<td>F, FB</td>
<td>F, FB, FS, FBS, FA, FBA, FM, FBM, V, VB, VA, VBA, VM, VBM</td>
</tr>
<tr>
<td>FS, FBS</td>
<td>F, FB, FS, FBS, FA, FBA, FM, FBM, V, VB, VA, VBA, VM, VBM</td>
</tr>
<tr>
<td>FA, FBA</td>
<td>F, FB, FS, FBS, FA, FBA, V, VB, VA, VBA</td>
</tr>
<tr>
<td>FM, FBM</td>
<td>F, FB, FS, FBS, FA, FBA, FM, V, VB, VA, VBA, VM, VBM</td>
</tr>
<tr>
<td>V, VB</td>
<td>F, FB, FS, FBS, FA, FBA, FM, FBM, V, VB, VA, VBA, VM, VBM</td>
</tr>
<tr>
<td>VA, VBA</td>
<td>F, FB, FS, FBS, FA, FBA, V, VB, VA, VBA</td>
</tr>
<tr>
<td>VM, VBM</td>
<td>F, FB, FS, FBS, FA, FBA, V, VB, VM, VBM</td>
</tr>
<tr>
<td>VS</td>
<td>VS</td>
</tr>
<tr>
<td>VBS</td>
<td>VBS</td>
</tr>
</tbody>
</table>

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.

GIM2380IE 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
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.

GIM23801E  COPY PROCESSING TO THE library LIBRARY FAILED FOR MODULE modname IN LMOD loadmod IN SYSMOD sysmod. ABEND abnocode 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
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 is part of SYSMOD sysmod. The utility sequence number matches the sequence number on the utility’s SYSPRINT output.

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

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.
Link-edit processing failed for the indicated module, which was part of SYMOD ssnmod. 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:** SYMOD 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 dname 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 SYSPUT class that suppresses output.

3. Correct the error and rerun the job.

---

GIM2390E  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  dname 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:** SYMOD processing stops for the SYMODs named in the message GIM23901E. These SYMODs 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 dname 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 SYSPUT class that suppresses output.

3. Fix the error and rerun the job.
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.
Message GIM23903I or GIM23903W names the SYSMOD containing the modules that caused load module build processing to be done.

**Programmer response:** None.

**Explanation:**

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.

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.

**Explanation:**

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.

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.
### GIM23907E LINK-EDIT PROCESSING FAILED FOR MOD modname IN LMOD loadmod IN ZONE xzone IN SYSLIB syslib.
**Explanation:**
modname = MOD name
loadmod = LMOD name
xzone = cross-zone name for load module
syslib = SYSLIB ddname
abnocode = 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.

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### GIM23908E LINK-EDIT PROCESSING FAILED FOR LMOD loadmod IN SYSLIB syslib.
**Explanation:**
loadmod = LMOD name
syslib = SYSLIB value
abnocode = 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.

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### 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
- **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
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:** None.

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. The utility sequence number matches the sequence number on the utility's SYSPRINT output, which is in file `sysprint`.

**System action:** Processing continues.

**Programmer response:** None.

| ddd | Julian day |
| hh  | military hour |
| mm  | minutes |
| ss  | seconds |
| seqno | utility sequence number |
| sysprint | dname of logical SYSPRINT |

**Explanation:** 
- `loadmod`: load module name
- `library`: dname 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`: dname of logical SYSPRINT

**GIM2391W** 

**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`: dname 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`: dname of logical SYSPRINT

**Notes:**
- 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.
SYSMOD containing the modules that caused load module build processing to be done.

**Programmer response:** Check the link-edit SYSPRINT in file syprint 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*: ddbname of the library
- *abncode*: abend code
- *yy*: year
- *ddd*: Julian day
- *hh*: military hour
- *mm*: minutes
- *ss*: seconds
- *seqno*: utility sequence number
- *sysprint*: ddbname 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:**
- *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*: ddbname 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 syprint.

**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
modname = module name
library = dname of the library being processed
rtncode = return code
yy = year
dd = 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.

Notes:
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 dname 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 = dname of the library being processed
loadmod = load module name
rtncode = return code
yy = year
dd = 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.

Notes:
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 dname 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 ssmod WAS SUCCESSFUL FOR MODULE modname IN THE library. THE RETURN CODE WAS rtncode. DATE yy.dddd - TIME hh:mm:ss.

Explanation:
- ssmod: 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 ssmod.

System action: Processing continues.

Programmer response: None.

GIM24004I ASSEMBLER PROCESSING FOR LOAD MODULE BUILD PROCESSING WAS SUCCESSFUL FOR MODULE modname IN THE library. THE RETURN CODE WAS rtncode. DATE yy.dddd - 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.

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

Explanation:
- ssmod: 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

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 ssmod. 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.

GIM24004W ASSEMBLER PROCESSING FOR LOAD MODULE BUILD PROCESSING WAS SUCCESSFUL FOR MODULE modname IN THE library. THE RETURN CODE WAS rtncode. DATE yy.dddd - 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 abendcode 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
abendcode  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.

**GIM24008E**  
ASSEMBLER PROCESSING FAILED FOR MODULE modname IN THE library LIBRARY WHICH IS NEEDED TO BUILD LOAD MODULE loadmod. ABEND abendcode 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
loadmod    load module name
abendcode  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.

**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.

**Explanation:**

**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.

**Explanation:**

**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
ddbname 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.

**Explanation:**

**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

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
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.

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.

If the data set is 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.

GIM2400S  command  PROCESSING FAILED. UNSUPPORTED KEYWORD keyword WAS FOUND IN THE dname DATA SET. THIS DATA IS SUPPORTED ONLY BY SMP/E vv,rr, OR HIGHER.

Explanation:
command  SMP/E command
keyword  unsupported keyword
dname  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.
library    ddbname 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 SMPOUT 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* ddbname 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 SMPOUT 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.

---

**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* ddbname 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.

**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 SMPOUT 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** dname 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 SMP/SPOUT to determine the system action.

**Programmer response:** Check SMP/SPOUT 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:
- **shellsr** SHELLSCR entry name
- **enttype** element type
- **entname** element name
- **sysmod** SYSMOD ID
- **zonename** zone name

The indicated element specifies that shell script *shellsr* is to be invoked to complete the element's installation. However, the SHELLSCR entry for *shellsr* 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 SMP/SPOUT 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 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 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 SYMSODS SATISFIED THE OPERANDS SPECIFIED ON THE command COMMAND.**

Explanation:
- **command** SMP/E command (RECEIVE)

The operands that you specify on a command determine which SYMSODs 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 FORFMD(IY01) 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 FORFMD operand on the RECEIVE command.

For more information about the selection criteria for the RECEIVE command, see the related chapter in SMP/E 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 SATISIFIED THE OPERANDS SPECIFIED ON THE command COMMAND.

**Explanation:** 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 (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 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 BUILDMCS 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 BUILDMCS 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 contains only target zones.

- The command specified the TARGETZONE operand, but the specified ZONESET contains 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 PARENTHESES.

**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 PARENTHESES.

**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**  
entype ENTRY entname WAS NOT DELETED BECAUSE IT DOES NOT EXIST.  

Explanation:  
entype 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.
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 PMAX
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 (PMAX 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 PMAX value in the OPTIONS entry being used.
• For RECEIVE, APPLY, ACCEPT, and RESTORE processing, increase the PMAX value in the OPTIONS entry being used.

If this situation occurs for the global zone, do the following:
1. Increase the PMAX 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 PMAX 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 PMAX
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 (PMAX or fixed value.)

System action: SYSMOD processing stops.

Programmer response: Increase the PMAX value in the OPTIONS entry being used. Make sure the OPTIONS entry containing the increased PMAX 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
PMAX 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 (PMAX 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 PMAX 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 [SMPTLIB 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 [SMPTLIB 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:** Fix the previous error and rerun the job.

For more information on the GIMDDALC control statement and the SMPTLIB data set, see [SMPTLIB 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 (prodiel v.r.r.nm 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 ASSEMBLY 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 ASSEMBLY entries and SRC entries in the JCLIN command chapter in *SMP/E 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 ASSEMBLY 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 ASSEMBLY 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 ASSEMBLY entries and SRC entries in the JCLIN command chapter in *SMP/E 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.

---

**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 SC26-7414, for the correct syntax of copy control statements. Fix the error and rerun the job.
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 MVS Program Management: User's Guide and Reference, SA22-7643](https://www.ibm.com/support/docview/101591) 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, SA22-7643](https://www.ibm.com/support/docview/101591) 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`. 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.

---

**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.
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

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.

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, SA22-7643 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.
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.

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.

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

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: Increase the REGION size on 
the EXEC statement for GIMSMP. Then 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: 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 
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: Increase the REGION size on 
the EXEC statement for GIMSMP. Then rerun the job.
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.

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=IEWBLNK,PARM='RENT,REUS'  
//SYSLMOD DD PATH='/path_name1/'  
//*/LIBRARYDD=BPXLOAD1  
//AOS12 DD DSN=SYS1.AOS12,DISP=SHR  
//SYSLIN DD *  
//  INCLUDE AOS12(MOD00001)  
//  INCLUDE AOS12(MOD00002)  
ENTRY MOD00001  
NAME LM0001(R)  
/*
```

This is JCL updated to include the missing LIBRARYDD comment:

```
//STEP1 EXEC PGM=IEWBLNK,PARM='RENT,REUS'  
//SYSLMOD DD PATH='/path_name1/'  
//*/LIBRARYDD=BPXLOAD1  
//AOS12 DD DSN=SYS1.AOS12,DISP=SHR  
//SYSLIN DD *  
//  INCLUDE AOS12(MOD00001)  
//  INCLUDE AOS12(MOD00002)  
ENTRY MOD00001  
NAME LM0001(R)  
/*
```

System action: SYSLMOD 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=IEMLINK,PARM='REN'T,REUS'
//SYSLMOD DD PATH='path_name1'
//*LIBRARYDD=BPXLOAD1
//SYSLIN DD *
//AOS12 DD DSN=SYS1.AOS12,DISP=SHR
//SYSLIN DD *
//AOS12 DD DSN=SYS1.AOS12,DISP=SHR
//SYSLIN DD *
#include AO512(MOD00001)
#include AO512(MOD00002)
ENTRY MOD00001
NAME LM001(R)
/*
```

This is JCL updated to include the missing LIBRARYDD comment:

```
//STEP1 EXEC PGM=IEMLINK,PARM='REN'T,REUS'
//SYSLMOD DD PATH='path_name1'
//*LIBRARYDD=BPXLOAD1
//SYSLIN DD *
//AOS12 DD DSN=SYS1.AOS12,DISP=SHR
//SYSLIN DD *
#include AO512(MOD00001)
#include AO512(MOD00002)
ENTRY MOD00001
NAME LM001(R)
/*
```

**System action:** Command processing stops.

**Programmer response:** Include the appropriate ddname on the LIBRARYDD comment, 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

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:** SYSLMOD 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.

---

**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:** SYSLMOD processing stops.

**Programmer response:** Include the appropriate ddname on the LIBRARYDD comment, and rerun the job.
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 ddef DDDEF ENTRY CANNOT HAVE MORE THAN ONE VOLUME SERIAL NUMBER.

**Explanation:**

*ddef* 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* dname 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* dname 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 entry. 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 **enttype** **entname** ON THE **library** LIBRARY.

**Explanation:**
- `enttype`  element type
- `entname`  element name
- `library`  ddname of library

An I/O error occurred when SMP/E tried to store the entry 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**: Fix the error and rerun the job.
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

SMPTLIB 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 smplib WAS NOT PROTECTED BECAUSE THE USER IS NOT DEFINED TO RACE.

Explanation:
smplib     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 RACE, 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 RACE.
- 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 the SMP/E 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,
SMP/JCLIN, or TXLIB data set, or it may refer to data packaged inline after the ++JCLIN MCS.

System action: SYMSP 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, SMP/JCLIN, or TXLIB data set, or it may refer to data packaged inline after the ++JCLIN MCS.

System action: SYMSP 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.

GIM27401E I/O ERROR - jobname, stepname, address, device, lib, action, description, 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 SC26-7408.

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 fnid BECAUSE IT NO LONGER APPLIES TO THE GLOBAL ZONE.

Explanation: FMID of the function SYMSP

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(fnid) command to reject the function and the SYMSPs 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: SYSMOD 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 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 = vplfunc.

Explanation:

vplfunc 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” contains more information about how to handle VSAM problems.

GIM28002I SMPTLIB smplib WAS NOT DELETED BECAUSE VOLUME INFORMATION WAS NOT SPECIFIED.

Explanation:

smplib 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 SYMSMOD symsmod CONTAINS MORE THAN ONE MCS FOR ELEMENT elmname. ONLY ONE IS ALLOWED.

Explanation:
symsmod SYMSMOD ID
elmname element name

During RECEIVE processing, SMP/E found two MCS statements that specified the same element in one SYMSMOD.

System action: SYMSMOD 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

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 SYMSMOD IS symsmod.

Explanation:

dataset dname of the required data set
loadmod load module name
symsmod SYMSMOD 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.

---

**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 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.

---

**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 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.

---

**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.
**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.

---

**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.

---

**GIM28308E** ALLOCATION FAILED FOR *smptload* WHICH IS REQUIRED IN ORDER TO PROCESS ELEMENT *elntype* ELEMENT *elname* IN SYSMOD *sysmod*.

**Explanation:**

*dataset* ddname of the required data set

*elntype* element type

*elname* element name

*sysmod* SYSMOD ID

The indicated data set could not be allocated.

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.

**Explanation:**
- **ddname**: ddname
- **modeldd**: model ddname
- **elmtype**: element type
- **elmname**: element name
- **sysmod**: name of SYSMOD supplying element

**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.

**Explanation:**
- **ddname**: ddname
- **modeldd**: model ddname
- **elmtype**: element type
- **elmname**: element name
- **sysmod**: name of SYSMOD supplying element

**System action:** Processing stops for both the element and the SYSMOD supplying the element.

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

**Explanation:**
- **modname**: module name
- **sysmod**: SYSMOD ID

**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.

**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 BUILDMCS 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 BUILDMCS 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 SMPTool 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 BUILDMCS 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 BUILDMCS command is correct, or APPLY or ACCEPT the indicated SYSMOD correctly and then rerun the BUILDMCS command.

---

Chapter 1. SMP/E messages
**GIM29100E**  
SYSMOD sysmod IS NOT A FUNCTION. SYSMDS SPECIFIED ON THE FORFMID OPERAND MUST BE FUNCTIONS.  

**Explanation:**  
sysmod SYSMOD ID  
A SYSMOD ID specified on the FORFMID operand of the BUILDMCS command was not a function.  

**System action:** BUILDMCS 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:**  
membername SYSMOD ID  
zonename zone name  
A SYSMOD specified on the FORFMID operand of the BUILDMCS command was not defined in the zone specified on the SET command.  

**System action:** BUILDMCS processing continues with the next 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 BUILDMCS command was not defined in the zone specified on the SET command.  

**System action:** BUILDMCS 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 BUILDMCS command was deleted by another SYSMOD.  

**System action:** BUILDMCS processing continues with the next SYSMOD.  
**Programmer response:** Fix the problem and run the RECEIVE again.

**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 BUILDMCS command was superseded by another SYSMOD.  

**System action:** BUILDMCS 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 BUILDMCS command was in error.  

**System action:** BUILDMCS 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 of 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.  
**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.
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 ENZEDIT 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**: 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 SMPOUT 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**: 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 Cause 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**: 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 SMPOUT 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.

GIM30208E  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 SMPOUT 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 GIM3201T 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 GIM3201T, 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 SMPOUT for messages that describe the error. Then fix the error and rerun the job.

---

**GIM30217I** command PROCESSING FAILED FOR SYSMOD sysmod. RETRANFORMATION PROCESSING FAILED FOR AN ELEMENT IN sysmod.

**Explanation:**

- **command**: SMP/E command
- **sysmod**: SYSMOD ID

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 SMPOUT 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 SMPOUT 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 SMPOUT 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 SMPOUT 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 SMPOUT 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
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 SMPOUT 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 SMPOUT for messages relating to SYSMOD sysmod2. Fix the error and rerun the job.

GIM30226E  command  PROCESSING FAILED FOR SYSMOD sysmod1.  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 SMPOUT 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.  PROCESSING IS INCOMPLETE FOR SYSMOD sysmod2.  THESE SYMSODS 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 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 SMPOUT for messages relating to SYSMOD sysmod2.
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 SMPOUT 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:**

<table>
<thead>
<tr>
<th>command</th>
<th>SMP/E command</th>
</tr>
</thead>
<tbody>
<tr>
<td>sysmod1</td>
<td>SYSMOD ID</td>
</tr>
<tr>
<td>sysmod2</td>
<td>related SYSMOD ID</td>
</tr>
</tbody>
</table>

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 SMPOUT 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:**

<table>
<thead>
<tr>
<th>command</th>
<th>SMP/E command</th>
</tr>
</thead>
<tbody>
<tr>
<td>sysmod1</td>
<td>SYSMOD ID</td>
</tr>
<tr>
<td>sysmod2</td>
<td>related SYSMOD ID</td>
</tr>
<tr>
<td>sysmod3</td>
<td>causer SYSMOD ID</td>
</tr>
<tr>
<td>zonename</td>
<td>zone name</td>
</tr>
</tbody>
</table>

SMP/E could not process SYSMOD sysmod1, because processing failed for cross-zone requisite SYSMOD sysmod2.

**System action:** SMP/E processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

**Programmer response:** Examine SMPOUT 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:**

<table>
<thead>
<tr>
<th>command</th>
<th>SMP/E command</th>
</tr>
</thead>
<tbody>
<tr>
<td>sysmod1</td>
<td>SYSMOD ID</td>
</tr>
<tr>
<td>sysmod2</td>
<td>requisite SYSMOD ID</td>
</tr>
<tr>
<td>sysmod3</td>
<td>causer SYSMOD ID</td>
</tr>
<tr>
<td>zonename</td>
<td>zone name</td>
</tr>
</tbody>
</table>

SMP/E could not process SYSMOD sysmod1, because processing is incomplete for cross-zone requisite SYSMOD sysmod2.

**System action:** SMP/E processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

**Programmer response:** Examine SMPOUT 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:**

<table>
<thead>
<tr>
<th>sysmod1</th>
<th>SYSMOD ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>sysmod2</td>
<td>SYSMOD ID</td>
</tr>
</tbody>
</table>

SMP/E could not process SYSMOD sysmod1, because processing failed for SYSMOD sysmod2.

**System action:** SMP/E processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

**Programmer response:** Examine SMPOUT 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:**

<table>
<thead>
<tr>
<th>sysmod1</th>
<th>SYSMOD ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>sysmod2</td>
<td>SYSMOD ID</td>
</tr>
</tbody>
</table>

SMP/E could not process SYSMOD sysmod1, because processing failed for cross-zone requisite SYSMOD sysmod2.

**System action:** SMP/E processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

**Programmer response:** Examine SMPOUT for messages relating to SYSMOD sysmod2. Fix the error and rerun the job.
SMP/E could not process SYSMOD sysmod1, because processing is incomplete for SYSMOD sysmod2.

**System action:** SYMMD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

**System action:** Examine SMPOUT for messages relating to SYSMOD sysmod2. Fix the error and rerun the job.

**GIM30234E**  
**command** PROCESSING FAILED FOR  
**SYMMD sysmod1, SYSMOD sysmod2**  
CONTAINS A SHELL SCRIPT NEEDED  
TO PROCESS AN ELEMENT IN  
**SYMMD 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:** SYMMD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

**Programmer response:** Examine SMPOUT for messages relating to SYSMOD sysmod2. Fix the error and rerun the job.

**GIM30235E**  
**command** PROCESSING FAILED FOR  
**SYMMD sysmod1, SYSMOD sysmod2**  
CONTAINS A SHELL SCRIPT NEEDED  
TO PROCESS AN ELEMENT IN  
**SYMMD 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:** SYMMD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

**Programmer response:** Examine SMPOUT for messages relating to SYSMOD sysmod2. Fix the error and rerun the job.

**GIM30236I**  
**command** PROCESSING FAILED FOR  
**SYMMD 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:** SYMMD processing stops. SMP/E does not attempt to process any other elements in the SYSMOD.

**Programmer response:** Examine the messages in SMPOUT 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 ddbname of the library or the  
ddbname/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**

**Explanation:**

<table>
<thead>
<tr>
<th>Explanation</th>
<th>library</th>
<th>ddname of the library or the ddname/generated-ddname used during the cross-zone phase of APPLY or RESTORE processing</th>
</tr>
</thead>
<tbody>
<tr>
<td>rtncode</td>
<td>return code</td>
<td></td>
</tr>
</tbody>
</table>

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**

**Explanation:**

<table>
<thead>
<tr>
<th>Explanation</th>
<th>library</th>
<th>ddname of the library or the ddname/generated-ddname used during the cross-zone phase of APPLY or RESTORE processing</th>
</tr>
</thead>
<tbody>
<tr>
<td>rtncode</td>
<td>return code</td>
<td></td>
</tr>
</tbody>
</table>

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**

**Explanation:**

| 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) |

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**

**Explanation:**

<table>
<thead>
<tr>
<th>Explanation</th>
<th>loadmod</th>
<th>LMOD name</th>
</tr>
</thead>
<tbody>
<tr>
<td>syscall</td>
<td>SYSLIB value</td>
<td></td>
</tr>
<tr>
<td>rtncode</td>
<td>return code</td>
<td></td>
</tr>
<tr>
<td>yy</td>
<td>year</td>
<td></td>
</tr>
<tr>
<td>ddd</td>
<td>Julian day</td>
<td></td>
</tr>
<tr>
<td>hh</td>
<td>military hour</td>
<td></td>
</tr>
<tr>
<td>mm</td>
<td>minutes</td>
<td></td>
</tr>
<tr>
<td>ss</td>
<td>seconds</td>
<td></td>
</tr>
<tr>
<td>seqno</td>
<td>utility sequence number</td>
<td></td>
</tr>
<tr>
<td>sysprint</td>
<td>ddname of logical SYSPRINT</td>
<td></td>
</tr>
</tbody>
</table>

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.

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 the SMP/E 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
- HRFPARM
- HOLDDATA
- LECNTL
- LEPARM
- LMODALIAS
- UTILPARM
- 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 an 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 PARENTHESES WAS NOT CLOSED WITH A CORRESPONDING RIGHT PARENTHESES.

**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 elmttype 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 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 Command.) 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.

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.

**GIM31904I** SYSMOD sysmod1 DOES NOT SPECIFY sysmod2 ON THE PRE OR SUP OPERAND. sysmod2 IS A UMID FOR elmtype elmmname THAT IS BEING INSTALLED.

**Explanation:**
- sysmod1 ID of the SYSMOD being installed
- sysmod2 ID of the SYSMOD specified as an UMID
- elmtype element type
- elmmname 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: Processing continues.

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 systlib. THE RETURN CODE WAS rtncode, DATE yy,ddd - TIME hh:mm:ss - SEQUENCE NUMBER seqno - SYSPRINT FILE sysprint.

Explanation:
loadmod          LMOD name
systlib          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 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.

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.

**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 BUILDMCS 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 BUILDMCS command, or
- Edit the FROMDS operand on all affected element MCS to contain the correct data set name.

---

**GIM32601W**  
**elmtype elmid IS NOT PART OF**  
**SYSMOD sysmod1. THE FMID FOR**  
**elmtype elmid IS SYSMOD sysmod2.**

**Explanation:**
- **elmtype**  
  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 BUILDMCS command.

**System action:** Processing continues.

**Programmer response:** Include the SYSMOD which now owns the element in the BUILDMCS 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**  
  ddbname 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 SYSDEFS DD statement to rebuild the definition side deck. Because the SYSDEFS 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.

**Explanation:**

oldslidb  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.

---

Programmer response: Fix the filter parameter, then rerun the calling program.

**Explanation:**

**GIM33200E**

**elmtype elname** COULD NOT BE RETRANFORMED BECAUSE THE attribute OF value FOR THE DATA IS NOT SUPPORTED BY THIS LEVEL OF SMP/E.

**Explanation:**

**elmtype**  element type
**elname**  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.

---

**GIM33100E**

**AN EXTRANEOUS 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.

---

**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

GIM33302E  command  PROCESSING FAILED FOR
SYSMOD  sysmod,  elntype  elname
WITHIN SYSMOD  sysmod  COULD
NOT BE EXPANDED BECAUSE THE
COMPACTED DATA IS CORRUPTED
OR INCOMPLETE.

Elmname  element name
Dictionary  compaction dictionary identifier or
blank

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.

Explaination:  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.

Explaination:

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**
- dname 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  programe PROCESSING FAILED. THE dataset DATA SET COULD NOT BE USED BECAUSE THE DATA SET ORGANIZATION IS NOT SEQUENTIAL OR PARTITIONED.

Explanation:

**programe**
- name of SMP/E routine that failed

**dataset**
- dname 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 indicated 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 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.

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 SYMDS selection phase of RECEIVE command processing.

System action: Processing continues.

Programmer response: None.

GIM33801E THE ++mctype MCS IS NOT ALLOWED IN FUNCTION SYMDS.

Explanation:

mctype an element update MCS

A function SYMDS cannot update elements. It can only replace them.

System action: SYMDS processing stops.

Programmer response: Repackage the function SYMDS so that it replaces elements instead of updating them.

GIM33901E THE operand OPERAND IS ONLY ALLOWED IN FUNCTION SYMDS.

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 elname IN SYSMOD sysmod.

**Explanation:**
- **number** a decimal number
- **mcstype** MCS type
- **elname** 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.
**GIM3440I**  
**Explanation:**  
*command* 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**  
**Explanation:**  
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.  

**Programmer response:**  
If you want to use APPLYCHECK or ACCEPTCHECK processing, use the appropriate level of SMP/E.

---

**GIM34601E**  
**Explanation:**  
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**  
**Explanation:**  
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**  
**Explanation:**  
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.

**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 smplib WAS NOT ALLOCATED ON VOLUME volser BECAUSE ERROR CODE errcode WAS ISSUED BY DYNAMIC ALLOCATION.
```

**Explanation:**
- `smplib` 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:

<table>
<thead>
<tr>
<th>Codes</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>0000–00FC</td>
<td>Information reason codes</td>
</tr>
<tr>
<td>0021–0029</td>
<td>CATALOG or UNCATALOG unsuccessful</td>
</tr>
<tr>
<td>0031–0038</td>
<td>Delete unsuccessful</td>
</tr>
<tr>
<td>0100–01FC</td>
<td>I/O error</td>
</tr>
<tr>
<td>0200–02FC</td>
<td>System resources not available</td>
</tr>
<tr>
<td>0300–03FC</td>
<td>Invalid parameter list</td>
</tr>
<tr>
<td>0400–04FC</td>
<td>Environment error</td>
</tr>
<tr>
<td>1704–17FF</td>
<td>LOCATE error</td>
</tr>
<tr>
<td>4704–4780</td>
<td>DADSM error</td>
</tr>
<tr>
<td>47A8–47AC</td>
<td>RACF error</td>
</tr>
<tr>
<td>47B0</td>
<td>DADSM error</td>
</tr>
<tr>
<td>5704–571C</td>
<td>CATALOG error</td>
</tr>
<tr>
<td>6704–6714</td>
<td>OBTAIN error</td>
</tr>
<tr>
<td>7700</td>
<td>Subsystem error</td>
</tr>
<tr>
<td>7704–770C</td>
<td>SCRATCH error</td>
</tr>
<tr>
<td>8700–9728</td>
<td>System error</td>
</tr>
</tbody>
</table>

**System action:** SYMMD processing stops.

**Programmer response:** See [z/OS MVS Programming: Authorized Assembler Services Guide](http://www.ibm.com) for more information about the error code. Message GIM54701E accompanies this message and contains information about the allocation failure.

---

```
GIM35305S  SMPTLIB smplib WAS NOT ALLOCATED BECAUSE IT IS DEFINED AS A DUMMY DATA SET.
```

**Explanation:**
- `smplib` 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 smplib WAS NOT ALLOCATED BECAUSE ERROR CODE errcode WAS ISSUED BY DYNAMIC ALLOCATION.
```

**Explanation:**
- `smplib` 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:

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</tbody>
</table>

**System action:** SYMMD processing stops.

**Programmer response:** If the error code is 0220, change the DSPREFIX value and rerun the job. For more information about other error codes, see [z/OS MVS Programming: Authorized Assembler Services Guide](http://www.ibm.com). Message GIM54701E accompanies this message and contains information about the allocation failure.

```
GIM35307E  SMPTLIB smplib FOR sysmod WAS NOT ALLOCATED TO ddbname BECAUSE THE DATA SET WAS NOT FOUND.
```

**Explanation:**
- `smplib` data set name
- `sysmod` SYSMOD ID
- `ddname` ddbname

```
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```
Allocation failed for SMPTLIB data set smplib because the data set was not found.

**System action:** SYMOM 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 SYMOM again.

---

### SMPTLIB smplib WAS DELETED AND UNCATALOGED FROM VOLUME volser.

**Explanation:**

smplib  data set name  
volser  volume serial number

SMPTLIB deleted and uncataloged the SMPTLIB data set from the indicated volume.

**System action:** SYMOM processing continues.

**Programmer response:** None.

---

### AN ERROR OCCURRED DURING PROCESSING OF THE entype ENTRY FOR SYMOM sysmod IN THE library.

**Explanation:**

entype  entry type  
sysmod  SYMOM ID  
library  ddbname of the library

An error occurred while SMPTLIB was processing the indicated SYMOM.

- If the entry type is MCS, SMPTLIB 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 SYMOM entries on the SMPPTS.
- If the entry type is not MCS, look at the preceding SMPTLIB output to find the cause of the error for the indicated entry type.

**System action:** SYMOM processing stops.

**Programmer response:** Do one of the following:
- If the entry type is MCS, reject the SYMOM and rerun it again.
- If any other case, follow the recommended action in the preceding error messages.

---

### THE INITIAL DISPOSITION SUBENTRY WAS NOT ADDED BECAUSE IT ALREADY EXISTS.

**Explanation:**

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.

---

### 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 vrr.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:** Fix the UCL statement and rerun the job.

---

**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 vrr.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.
• 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 SMP/OUT 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 corequisites, 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 corequisites, 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

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 corequisites, 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 corequisites, 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 corequisites, 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 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 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: 

SYSMOD sysmod2 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: 

SYSMOD sysmod2 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.)

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 SMPOUT 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.

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.

**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 $sysmod$ WAS BYPASSED. SYSMOD $sysmod$ CONTAINED THE ++IF STATEMENT.

**Explanation:**

$sysmod$ SYSMOD ID

$sysmod$ 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.

---

**GIM3593I** 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(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.

---

**GIM3593I** SYSTEM HOLD reasonid WAS 
BYPASSED.

**Explanation:**

reasonid system reason ID
class 

The SYSMOD named in GIM42001W was held for the 
indicated system reason ID. 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.

---

**GIM3593I** USER HOLD reasonid WAS 
BYPASSED.

**Explanation:**

reasonid user reason ID
class 

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.

---

**GIM3594I** SYMDSM 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.

** Explanation:**
* syslog1  deleting SYSMOD ID
* syslog2  SYSMOD ID

This message follows GIM30201E and names the SYSMODs that delete the SYSMOD in GIM30201E. SMP/E could not process SYSMOD syslog2 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.

** System action:** See message GIM30209E.
** Programmer response:** Do one of the following:
* Specify SYSMOD syslog 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.

** Explanation:**
* syslog  SYSMOD ID

SMP/E tried to restore the SYSMOD named in GIM30209E, but SYSMOD syslog specifies the SYSMOD in GIM30209E as a prerequisite. Therefore, SYSMOD syslog must be restored along with the SYSMOD in GIM30209E.

** System action:** See message GIM30209E.
** Programmer response:** Do one of the following:
* Specify SYSMOD syslog 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.

** Explanation:**
* syslog  SYSMOD ID

SMP/E tried to restore the SYSMOD named in GIM30209E, but SYSMOD syslog specifies the SYSMOD in GIM30209E as a corequisite. Therefore, SYSMOD syslog 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 syslog 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 syslog, then restore the SYSMOD in GIM30209E.

** Explanation:**
* syslog  SYSMOD ID

SMP/E tried to restore the SYSMOD named in GIM30209E, but SYSMOD syslog supersedes the SYSMOD in GIM30209E. Therefore, SYSMOD syslog must be restored along with the SYSMOD in GIM30209E.
**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:**

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.

---

**GIM35948I**  
**SYSMOD sysmod, WHICH IS AN FMID FOR THE INDICATED SYSMOD, WAS MISSING.**

**Explanation:**

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 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(HOLDR(err))`. 

---

**GIM35949I**  
**ERROR HOLD reasonid WAS NOT RESOLVED. SYSMOD sysmod WOULD HAVE SUPERSEDED reasonid, BUT HAS FAILED.**

**Explanation:**

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(HOLDR(reasonid))`. 

---

Chapter 1. SMP/E messages 101
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.

---

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.

---

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.
**System action:** See message GIM302xx.

**Programmer response:** Do one of the following:
- Remove SYMDS symsod2 from the EXCLUDE operand, and rerun the job.
- Receive SYMDS symsod1, making it available to select for processing; or, if it is already available, select it for processing. Then rerun the job.

**GIM3595I** CONDITIONAL REQUISITE SYMDS

<table>
<thead>
<tr>
<th>symsod1</th>
<th>SYMDS ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>symsod2</td>
<td>ID of a SYMDS that supersedes symsod1</td>
</tr>
</tbody>
</table>

**Explanation:**
- SYMDS symsod1 is a conditional requisite for the SYMDS named in GIM302xx. However, SMP/E could not process the SYMDS named in GIM302xx, because SYMDS symsod1 either is not available (it is not in the GLOBAL zone), or is available but was not selected for processing. SYMDS symsod2 would have superseded SYMDS symsod1, but has failed processing.
- Receive SYMDS symsod1, making it available to select for processing; or, if it is already available, select it for processing. Then rerun the job.

**System action:** See message GIM302xx.

**Programmer response:** Do one of the following:
- Resolve the errors that caused SYMDS symsod2 to fail, and rerun the APPLY or ACCEPT command.
- Receive SYMDS symsod1, making it available to select for processing; or, if it is already available, select it for processing. Then rerun the job.

**GIM3595J** CONDITIONAL REQUISITE SYMDS

<table>
<thead>
<tr>
<th>symsod1</th>
<th>SYMDS ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>symsod2</td>
<td>ID of a SYMDS that supersedes symsod1</td>
</tr>
</tbody>
</table>

**Explanation:**
- SYMDS symsod1 is a conditional requisite for the SYMDS named in GIM302xx. However, SMP/E could not process the SYMDS named in GIM302xx, because SYMDS symsod1 either is not available (it is not in the GLOBAL zone), or is available but was not selected for processing. SYMDS symsod2 would have superseded SYMDS symsod1, but was excluded from processing.
- Receive SYMDS symsod1, making it available to select for processing; or, if it is already available, select it for processing. Then rerun the job.

**System action:** See message GIM302xx.

**Programmer response:** Do one of the following:
- Resolve the errors that caused SYMDS symsod2 to fail, and rerun the APPLY or ACCEPT command.
- Receive SYMDS symsod1, making it available to select for processing; or, if it is already available, select it for processing. Then rerun the job.

**GIM3595K** CONDITIONAL REQUISITE SYMDS

<table>
<thead>
<tr>
<th>symsod1</th>
<th>SYMDS ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>symsod2</td>
<td>ID of a SYMDS that supersedes symsod1</td>
</tr>
</tbody>
</table>

**Explanation:**
- SYMDS symsod1 is a conditional requisite for the SYMDS named in GIM302xx. However, SMP/E could not process the SYMDS named in GIM302xx, because SYMDS symsod1 either is not available (it is not in the GLOBAL zone), or is available but was not selected for processing. SYMDS symsod2 would have superseded SYMDS symsod1, but was excluded from processing.
- Receive SYMDS symsod1, making it available to select for processing; or, if it is already available, select it for processing. Then rerun the job.

**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.**

**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.

**Explanation:**

```
GIM35965I CROSS-ZONE REQUISITE SYSMOD
sysmod1 CAUSED BY SYSMOD sysmod2
IN ZONE zonename WAS MISSING.
SYSMOD sysmod3 WOULD HAVE SUPERSEDED sysmod1, BUT WAS EXCLUDED.
```

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.

**Explanation:**

```
GIM35965I SYSTEM HOLD reasonid ORIGINATED BY SYSMOD sysmod WAS NOT RESOLVED.
```

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.

**Explanation:**

```
GIM35966I SYSTEM HOLD reasonid ORIGINATED BY SYSMOD sysmod WAS BYPASSED.
```

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.

**Explanation:**

```
GIM35971 PREREQUISITE SYSMOD sysmod IS BEING DELETED.
```

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**  Conditioned Requisite SYSMOD sysmod1 Caused by SYSMOD sysmod2 in Zone zonename is Being Deleted.

**Explanation:**

sysmod1  
SYSMOD ID

sysmod2  
SYSMOD ID

gonename  
z 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 gonename. 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
SYSMOD indicated GIM30206E

**Explanation:**

SYSMOD named in GIM30206E, and specify BYPASS(HOLDFIXCAT(sysmod)).

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:** 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.
**GIM36000E**  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).

**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:** SYMMD 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:** SYMMD 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:** SYMMD 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:** SYMMD processing stops.

**Programmer response:** Fix the problem and run RECEIVE again.

**GIM36301E**  `value` IS NOT ALLOWED AS `operand1` AND `operand2`.

**Explanation:** `operand1` first operand
`operand2` second operand

The ++PRODUCT MCS or SYMMD is not built correctly because the same value was specified for the indicated operands.

**System action:** ++PRODUCT MCS or SYMMD 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 SYMMD 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:** SYMMD processing stops.

**Programmer response:** Fix the problem and rerun the job.
Explanation: The SYMMD is not built correctly because the ++VER MCS statements are inconsistent. One specified an FMID value, which indicates that the SYMMD is not a base function. However, another did not specify an FMID value, which indicates that the SYMMD is a base function. A SYMMD must be one or the other; it cannot be both.

Programmer response: Fix the problem and rerun the job.

Explanation: The SYMMD is not built correctly because the indicated operand was specified on the ++VER MCS, but the SYMMD is not a function. Only functions may specify these operands.

Programmer response: Fix the problem and rerun the job.

Explanation: The SYMMD is not built correctly because it specifies its own ID as the FMID on the ++IF MCS. Any unconditional requisites for this SYMMD should be specified on its ++VER MCS. If there are conditional requisites for the SYMMD that depend on the presence of another function, that other function’s FMID should be specified on the ++IF MCS.

Programmer response: Contact the IBM Support Center.

Explanation: SMP/E expects the next statement after the ++ASSIGN to be one of the following:
- ++FUNCTION, ++PTF, ++APAR, or ++USERMOD
- Another ++ASSIGN
- An end-of-file

None of these followed the ++ASSIGN MCS.

Programmer response: None of the SYMMDs 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.

Explanation: The SYMMD is not built correctly. Any ++HOLD statements must be placed after all ++VER and ++IF statements and before the first ++JCLIN or element statement.

Programmer response: Fix the problem and rerun the job.

Explanation: 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.

Programmer response: None of these SYMMDs can be processed at a time.

Explanation: SMP/E cannot determine which SYMMD should be processed.

System action: SYMMD processing stops for both SYMMDs.
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.

---

**GIM36600S** svc99 FAILED FOR THE dataset DATA SET USING THE ddname DDNAME - errortext

**Explanation:**

svc99

SVC99 function that failed
dataset

data set name
ddname

data set name
errotext

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.

---

**GIM36000E** SHELL SCRIPT shellsr IS NEEDED TO PROCESS elmtypetype elmmname FOR SYSMOD sysmod1, BUT IS BEING DELETED BY SYSMOD sysmod2.

**Explanation:**

shellsr

shell script name
elmtypetype

element type
elmmname

element name
sysmod1

SYSMOD ID that contains the element
sysmod2

SYSMOD ID that deletes the shell script

The indicated element requires the shell script shellsr 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, 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 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 NPRE 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.

**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`.  

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**System action:** SYMODO processing stops.

**Programmer response:** Change the SYMODO so that it only contains one applicable ++VER MCS. Then rerun the job.

---

**GIM37401**  
**Explanation:**  

GIM37401I PROCESSING FAILED FOR SYMODO  
symod1, symod2 REQUIRE SYMODO  
symod2. HOWEVER, SYMODO symod2  
SPECIFIES symod1 ON ITS ++VER  
operand OPERAND.

Processing for SYMODO symod2 stopped because  
SMP/E could not determine which SYMODO to process  
first: SYMODO symod2 or SYMODO symod1. The  
following example shows the error:  
++FUNCTION(F000001).  
++VER(Z0038) PRE(P000001).  
++MOD(IEYMMMD).  
++PTF(P000001).  
++VER(Z0038) FMID(F000001).

In this example, the function SYMODO names a PTF  
SYMODO as a prerequisite. However, SMP/E cannot  
process this prerequisite SYMODO until it processes the  
function. This situation might also occur when two  
SYMODOs name each other as prerequisites.

**System action:** SYMODO processing stops.

**Programmer response:** Do the following:  
1. Reject the SYMODOs in error.  
2. Define the relationship between these SYMODOs  
correctly.  
3. Receive and either apply or accept the SYMODOS.

---

**GIM37500**  
**Explanation:**  

GIM37500I GIMXTRX function PROCESSING HAS  
ENDED. THE OUTPUT DATA SET  
NAME IS dataset.

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.
Dynamic deallocation failed for the indicated SMPTLIB data set.

**Explanation:**

GIM37705W outside Programmer entry.

**System action:** The SYSMOD was not rejected.

**Programmer response:** See z/OS MVS Programming Authorized Assembler Services Guide SA22-7608, for more information about the error code. Message GIM37701W accompanies this message and contains information about the allocation failure.

**GIM37701E ++mcsname1 AND ++mcsname2 FOR ELEMENT elname ARE NOT ALLOWED IN THE SAME SYSMOD.**

**Explanation:**

mcsname1 first element MCS

mcsname2 second element MCS

elname 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.

<table>
<thead>
<tr>
<th>MCS</th>
<th>MOD</th>
<th>ZAP</th>
<th>SRC</th>
<th>SRCUPD</th>
<th>MAC</th>
<th>MACUPD</th>
<th>Hierarchical File System Element</th>
<th>Data Element</th>
</tr>
</thead>
<tbody>
<tr>
<td>MOD</td>
<td></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ZAP</td>
<td></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SRC</td>
<td>Yes</td>
<td></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SRCUPD</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAC</td>
<td></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MACUPD</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hierarchical File System Element</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Data Element</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>See note</td>
<td></td>
</tr>
</tbody>
</table>

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 ++SRC can specify the same element name; so can ++MIGR and ++ASG; ++SRC-FR can specify two ++CLIST statements or two ++MIGR 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

SM/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 SM/E did not install it.

**System action:** SYSMOD processing stops.

**Programmer response:** None.
Then run the job.

GIM37904E  command PROCESSING FAILED FOR SYSMOD sysmod1 BECAUSE IT WAS PREVIOUSLY DELETED.

Explanation:
command  APPLY or ACCEPT
sysmod1  SYSMOD ID

SMP/E cannot apply or accept the indicated SYSMOD because it has already applied or accepted a SYSMOD that deletes SYSMOD sysmod1. 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 sysmod1.
  • If you want the deleting SYSMOD on your system, do not try to reinstall SYSMOD sysmod1.
  • If you want SYSMOD sysmod1 back on your system, you must remove the deleting SYSMOD from the system, delete the SYSMOD entry for SYSMOD sysmod1, then reinstall SYSMOD sysmod1.

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:
system1  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 elmtype ENTRY elmname IN SYSMOD sysmod.

Explanation:
elmtype          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 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 SMPOUT. 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

```
elmtype ENTRY elmname IN SYSMOD sysmod.
```

**Explanation:**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>elmtype</td>
<td>element type</td>
</tr>
<tr>
<td>elmname</td>
<td>element name</td>
</tr>
<tr>
<td>sysmod</td>
<td>SYSMOD ID</td>
</tr>
</tbody>
</table>

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 SMPOUT. 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 elmtype 
ENTRY elmname IN SYSMOD sysmod.
```

**Explanation:**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>asmname</td>
<td>assembly name</td>
</tr>
<tr>
<td>elmtype</td>
<td>element type</td>
</tr>
</tbody>
</table>

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.
- **BYPASS(ID) was not specified, and the SYSMOD is a function SYSMOD that was previously installed.**
  - 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.
  - 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.

**Note:** In this case, SMP/E does not issue GIM382xx. SMP/E does not process the element from the SYSMOD 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.

- 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.

**Programmer response:** Carefully check the messages that follow this message in SMPOUT. 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 elntype ENTRY elname IN SYSMOD sysmod.

**Explanation:**
- **assembly** assembly name
- **elntype** element type
- **elname** 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 SMPOUT. 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 symsod 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.
- 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...
SMPOUT 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 SMPTFIN 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 rfdsnpfx.rfdsnpfx.sysmod-id.Fnnnn.

rfdsnpfx

is the prefix specified by the RFDSNPFX operand on the RECEIVE command. 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.)

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 ddbname 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 SMPPS.

**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.
GIM39201S  

**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](SA22-7626) for an explanation of the system abend and reason codes.

GIM39202S  

**Explanation:**  
* **modtype**  
    - CONSTANT or MESSAGE
* **modname**  
    - name of the SMP/E load module
* **programe**  
    - 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](SA22-7626) for an explanation of the system abend and reason codes.

GIM39203S  

**Explanation:**  
* **loadmod**  
    - name of the load module
* **command**  
    - an SMP/E command or program
* **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 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](SA22-7626) for an explanation of the system abend and reason codes.

GIM39301I  

**Explanation:**  
* **shellsr**  
    - shell script name
* **elmtype**  
    - 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  

**Explanation:**  
* **shellsr**  
    - shell script name
* **elmtype**  
    - 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.

See [z/OS MVS System Codes](SA22-7626) for an explanation of the system abend and reason codes.
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 HFS COPY 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 the data set to find the output.

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.

---

<table>
<thead>
<tr>
<th>Error Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GIM3930E</td>
<td>THE SHELL SCRIPT NAME FOR THE SHSCRIPT SUBENTRY MUST MATCH THE NAME OF THE SHELLSCR ENTRY.</td>
</tr>
<tr>
<td><strong>Explanation:</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>System action:</strong></td>
<td>SMP/E does not process the changes for this UCL statement.</td>
</tr>
<tr>
<td><strong>Programmer response:</strong></td>
<td>Correct the shell script name for the SHSCRIPT subentry and rerun the job.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Error Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GIM39306E</td>
<td>THE PRE VALUE IS NOT ALLOWED IN THE SHSCRIPT SUBENTRY FOR SHELLSCR ENTRIES.</td>
</tr>
<tr>
<td><strong>Explanation:</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>System action:</strong></td>
<td>SMP/E does not process the changes for this UCL statement.</td>
</tr>
<tr>
<td><strong>Programmer response:</strong></td>
<td>Remove the PRE specification from the SHSCRIPT subentry and rerun the job.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Error Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GIM39307I</td>
<td>ALLOCATION FAILED FOR library, WHICH IS REQUIRED IN ORDER TO INVOKE SHELL SCRIPT shellscr FOR elmtype elmname IN SYSMOD sysmod.</td>
</tr>
<tr>
<td><strong>Explanation:</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>System action:</strong></td>
<td>Command processing for the SYSMOD stops.</td>
</tr>
<tr>
<td><strong>Programmer response:</strong></td>
<td>Examine the messages in SMPOUT to determine why the library could not be allocated. Fix the error and rerun the job.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Error Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GIM39308E</td>
<td>SHELL SCRIPT shellscr CANNOT PROCESS elmtype elmname IN SYSMOD sysmod BECAUSE SYSLIB library FOR SHELL SCRIPT shellscr IS NOT ALLOCATED TO A PATH.</td>
</tr>
<tr>
<td><strong>Explanation:</strong></td>
<td>The SHELL SCRIPT shellscr cannot process the specified element. This is because the SYSLIB library for the SHELL SCRIPT shellscr is not allocated to a path.</td>
</tr>
<tr>
<td><strong>System action:</strong></td>
<td>SHELLSCR processing stops.</td>
</tr>
<tr>
<td><strong>Programmer response:</strong></td>
<td>Correct the allocation of the SYSLIB library for the SHELL SCRIPT shellscr and rerun the job.</td>
</tr>
</tbody>
</table>
Explanation:

<table>
<thead>
<tr>
<th>shellscrip</th>
<th>element type</th>
</tr>
</thead>
<tbody>
<tr>
<td>elmtype</td>
<td>element name</td>
</tr>
<tr>
<td>elmname</td>
<td>SYSMOD ID</td>
</tr>
<tr>
<td>library</td>
<td>ddname of the library that contains the shell script</td>
</tr>
<tr>
<td>seqno</td>
<td>utility sequence number</td>
</tr>
</tbody>
</table>

Shell script *shellscrip*, 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.

---

GIM3909E SHELL SCRIPT *shellscrip* PROCESSING IN THE *elmtype* LIBRARY FOR *elmname* SYSMOD IN SYSMOD library FAILED. THE RETURN CODE FROM THE service SERVICE WAS *rtncode* AND THE REASON CODE WAS *rsncode*.

Explanation:

<table>
<thead>
<tr>
<th>shellscrip</th>
<th>element type</th>
</tr>
</thead>
<tbody>
<tr>
<td>elmtype</td>
<td>element name</td>
</tr>
<tr>
<td>elmname</td>
<td>SYSMOD ID</td>
</tr>
<tr>
<td>library</td>
<td>ddname of the library that contains the shell script</td>
</tr>
<tr>
<td>service</td>
<td>callable service name</td>
</tr>
<tr>
<td>rtncode</td>
<td>return code, in hexadecimal</td>
</tr>
<tr>
<td>rsncode</td>
<td>reason code, in hexadecimal</td>
</tr>
</tbody>
</table>

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.

---

GIM3930I SHELL SCRIPT *shellscrip* PROCESSING TO DELETE *elmtype* *elmname* IN THE library LIBRARY WAS SUCCESSFUL. SEQUENCE NUMBER *seqno*.

Explanation:

<table>
<thead>
<tr>
<th>shellscrip</th>
<th>element type</th>
</tr>
</thead>
<tbody>
<tr>
<td>elmtype</td>
<td>element name</td>
</tr>
<tr>
<td>elmname</td>
<td>ddname of the library that contained the deleted element</td>
</tr>
<tr>
<td>library</td>
<td>utility sequence number</td>
</tr>
</tbody>
</table>

Shell script *shellscrip* 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:** None.

**Programmer response:** None.

---

GIM3931E SHELL SCRIPT *shellscrip* PROCESSING TO DELETE *elmtype* *elmname* IN THE library LIBRARY FAILED FOR SYSMOD SYSMOD. SEQUENCE NUMBER *seqno*.

Explanation:

<table>
<thead>
<tr>
<th>shellscrip</th>
<th>element type</th>
</tr>
</thead>
<tbody>
<tr>
<td>elmtype</td>
<td>element name</td>
</tr>
<tr>
<td>elmname</td>
<td>ddname of the library that contains the element</td>
</tr>
<tr>
<td>library</td>
<td>SYSMOD ID</td>
</tr>
<tr>
<td>seqno</td>
<td>utility sequence number</td>
</tr>
</tbody>
</table>

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.

---

GIM3931I SHELL SCRIPT *shellscrip* PROCESSING FOR *elmtype* *elmname* IN THE library LIBRARY FAILED FOR SYSMOD SYSMOD.

Explanation:

<table>
<thead>
<tr>
<th>shellscrip</th>
<th>element type</th>
</tr>
</thead>
<tbody>
<tr>
<td>elmtype</td>
<td>element name</td>
</tr>
<tr>
<td>elmname</td>
<td>ddname of the library that contains the element</td>
</tr>
<tr>
<td>library</td>
<td>SYSMOD ID</td>
</tr>
</tbody>
</table>

Shell script *shellscrip* 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:** None.

**Programmer response:** None.
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: SYMPP 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 elmlname CANNOT BE PROCESSED IN LIBRARY library FOR SYMPP sysmod BECAUSE library IS NOT ALLOCATED TO A PATH.

Explanation:
  elmttype  element type
  elmlname  element name
  library   library ddname
  sysmod    SYMPP 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: SYMPP 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 elmlname IN THE ddbname LIBRARY FAILED. SEQUENCE NUMBER seqno.

Explanation:
  shellscr   shell script name
  elmttype   element type
  elmlname   element name
  ddbname    dname 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 elmlname FOR SYMPP sysmod.

Explanation:
  library    ddbname of the library that contains the shell script
  shellscr   shell script name
  elmttype   element type
  elmlname   element name
  sysmod     SYMPP 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 SYMPP stops.

Programmer response: Examine the messages in SMPOUT to determine why the library could not be allocated. Fix the error and rerun the job.

GIM39318E  SHELL SCRIPT shellscr CANNOT DELETE elmttype elmlname FOR SYMPP sysmod BECAUSE SYSLIB library FOR SHELL SCRIPT shellscr IS NOT ALLOCATED TO A PATH.

Explanation:
  shellscr   shell script name
  elmttype   element type
  elmlname   element name
  sysmod     SYMPP ID
  library    ddbname 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 SYMPP 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.

GIM39319E  SHELL SCRIPT shellscr PROCESSING IN THE ddbname LIBRARY FOR elmttype elmlname FAILED. THE RETURN CODE FROM THE service SERVICE WAS 'rtncode'X AND THE REASON CODE WAS 'rscode'X.

Explanation:
  shellscr   shell script name
  ddbname    dname of the directory
  elmttype   element type
  elmlname   element name

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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.


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 dname 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.

**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 ++*mcsname* MCS FOR  
++*mctype* HAS ALREADY BEEN FOUND  
in the SMPPTFIN DATA SET THAT  
IS CURRENTLY BEING PROCESSED.

**Explanation:**  
*mctype*  
type of MCS (PRODUCT or  
FEATURE)  
*mcsname*  
ame for the MCS (product-id and  
vmr, 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.
**Explanation:**

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, specify BYPASS(APPLYCHECK) on the command and rerun the command.

---

**GIM40202E** THE `operand` OPERAND IS NOT ALLOWED FOR SUPERSEDED ONLY SYSMODS.

**Explanation:**

The SYMDS 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:**

The indicated operand is not allowed on a UCL statement for a deleted SYSMOD. (The SYMDS 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.

---

**Explanation:**

Library: 
 DDNAME of the library to which the element was to be installed.

Elmtname: 
 ENTRYNM of the element.

Sysmod: 
 SYSMOD ID.

Year: 
 Year.

Day: 
 Julian day.

Hour: 
 Military hour.

Minute: 
 Minutes.

Second: 
 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.

---

**Explanation:**

Library: 
 DDNAME of the library to which the element was to be installed.

Elmttype: 
 Element type.

Elmname: 
 Element name.

Sysmod: 
 SYSMOD ID.

Year: 
 Year.

Day: 
 Julian day.

Hour: 
 Military hour.

Minute: 
 Minutes.

Second: 
 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.

---

**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 SMPOUT 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.

---

**Explanation:**

Library: 
 DDNAME of the library to which the element was to be installed.

Elmttype: 
 Element type.

Elmname: 
 Element name.

Sysmod: 
 SYSMOD ID.

Return code: 
 Return code.

Year: 
 Year.

Day: 
 Julian day.

Hour: 
 Military hour.

Minute: 
 Minutes.

Second: 
 Seconds.

Sequence number: 
 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.

**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 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 ddbname 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 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.

---

**Explanation:**

<table>
<thead>
<tr>
<th>Library</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GIM40902I</td>
<td>COPY PROCESSING TO THE library LIBRARY WAS SUCCESSFUL FOR elmtype elmname IN SYSMOD sysmod. THE RETURN CODE WAS rtncode. DATE yy,ddd - TIME hh:mm:ss - SEQUENCE NUMBER seqno.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Library</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GIM40903E</td>
<td>COPY PROCESSING TO THE library LIBRARY FAILED FOR elmtype 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.</td>
</tr>
</tbody>
</table>

---
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:** SYMMD processing stops for the indicated SYMMD.

**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 SYMMD 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:** SYMMD 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
- 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 elmttype elmname.
THE RETURN CODE rtncode
EXCEEDED THE ALLOWABLE VALUE
OF max.

**Explanation:**
- library: library name
- elmttype: 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 SYMMDs CAN BE
PROCESSED AT A TIME.

**Explanation:**
- command: APPLY or ACCEPT
- sysmod1: first SYMMD ID
- sysmod2: second SYMMD 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:** SYMMD processing stops.

**Programmer response:** Install the SYMMDs with separate APPLY or ACCEPT commands.

---

**GIM41101W** SMP/E DID NOT RESTORE enttype
ENTRY entname FOR SYMMD sysmod
BECAUSE enttype entname WAS
CHANGED BY changer.

**Explanation:**
- enttype: entry type
- entname: entry name
- sysmod: ID of the SYMMD being restored
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: SYMSP 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.

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 BPXISRU)
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.
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 elname IN SYSMOD sysmod WAS NOT PROCESSED BECAUSE elname IS NOT IN THE zonename ZONE.

Explanation:
mcsname element update MCS
elname 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 GIM226011 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:**
*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.

---

**GIM41703E** 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 ENCONTRUED 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** IN LINE JCLIN PROCESSING FAILED FOR SYSMOD `sysmod`.

**Explanation:**
- `sysmod` SYSTEM 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** IN LINE JCLIN PROCESSING WAS SUCCESSFUL FOR SYSMOD `sysmod`.

**Explanation:**
- `sysmod` SYSTEM 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` SYSTEM 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` SYSTEM 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` SYSTEM 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` SYSTEM ID
- `zonename` zone name that needs the cross-zone requisite
- `sysmod2` SYSTEM ID

Processing would have failed for SYSMOD `sysmod1`, 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  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:

```bash
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
++ENDLMODIN.
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:

```bash
SET BDY(ZOSZSET)  /* Set to zone processing */.
UCLIN  /* Start UCLIN */.
DEL LMOD(LMODX)  /* Identify LMOD entry */.
++LMODIN  /* Delete link-edit */.
++ENDLMODIN  /* 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.
GIM4201I  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 elntype elnnam IN library FAILED. THE RETURN CODE FROM THE service CALLABLE SERVICE WAS 'rtncode'X AND THE REASON CODE WAS 'rsncode'X.

Explanation:

elntype  element type
elnnam  element name
library  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 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 (NPRE) 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.

**GIM4270E**

SYSMOD sysmod1 WAS NOT ACCEPTED BECAUSE IT IS MUTUALLY EXCLUSIVE (NPRE) 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.

**GIM42801S**

**Programmer response:** Correct the syntax by deleting the duplicate keyword, and rerun the command.

**GIM42801S**

programname PROCESSING FAILED. THE archid ATTRIBUTE VALUE archid WAS SPECIFIED IN MORE THAN ONE tag TAG IN FILE file. AN archid ATTRIBUTE VALUE MUST BE UNIQUE WITHIN A PACKAGE.

**Explanation:**
- programname: GIMZIP or GIMUNZIP
- archid: archive id value
- tag: <FILEDEF> or <ARCHDEF>
- file: SYSIN or GIMPAF.XML

The identified archive id value was found on more than one file or archive definition tag when programname 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.

**GIM42810W**

**System action:** Processing stops.

**Programmer response:** Correct the syntax by modifying the duplicate archive id value 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 elmtype elmname IS IN BOTH SYSMOD sysmod1 AND SYSMOD sysmod2, BUT sysmod2 IS ACCEPTED IN ERROR.
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:

<table>
<thead>
<tr>
<th>TARGET ZONE SYSMODs</th>
<th>DLIB ZONE SYSMODs</th>
</tr>
</thead>
<tbody>
<tr>
<td>UZ00001</td>
<td>UZ00001 (in error)</td>
</tr>
<tr>
<td>UZ00002</td>
<td></td>
</tr>
</tbody>
</table>

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`.

**Explanation:**

```
GIM42903E  SYSMOD sysmod1 WAS NOT
RESTORED BECAUSE elmtype elmname
IS IN BOTH SYSMOD sysmod1 AND
SYSMOD sysmod2, BUT sysmod2 HAS
FAILED.
```

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`.

**Explanation:**

```
GIM43001I  zonename ZONE umidtype sysmod IS NOT
APPLIED.
```

```
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.

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.

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:**

<table>
<thead>
<tr>
<th>zonename</th>
<th>target zone name</th>
</tr>
</thead>
<tbody>
<tr>
<td>umidtype</td>
<td>FMI, RMID, or UMID</td>
</tr>
<tr>
<td>sysmod</td>
<td>SYSMOD ID</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>TARGET ZONE SYSMODs</th>
<th>DLIB ZONE SYSMODs</th>
</tr>
</thead>
<tbody>
<tr>
<td>UZ00001</td>
<td>UZ00001</td>
</tr>
<tr>
<td>UZ00002</td>
<td></td>
</tr>
<tr>
<td>UZ00003</td>
<td></td>
</tr>
</tbody>
</table>

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:**

<table>
<thead>
<tr>
<th>zonename</th>
<th>DLIB zone name</th>
</tr>
</thead>
<tbody>
<tr>
<td>sysmod</td>
<td>SYSMOD ID</td>
</tr>
</tbody>
</table>

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:**

<table>
<thead>
<tr>
<th>value</th>
<th>DISTLIB or SYSLIB</th>
</tr>
</thead>
<tbody>
<tr>
<td>elmttype</td>
<td>element type</td>
</tr>
<tr>
<td>elmname</td>
<td>element name</td>
</tr>
<tr>
<td>sysmod</td>
<td>SYSMOD ID</td>
</tr>
</tbody>
</table>

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

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element. Then rerun the command.

**GIM43201T**  
**PROGRAM** progname **FAILED WITH A**  
**abntype ABEND CODE OF abncode.**

**Explanation:**  
progname  
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.

- 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, SA22-7807](https://www.ibm.com). If the service name begins with CSN, refer to [Z/OS Cryptographic Services ICSF Application Programmer’s Guide, SA22-7522](https://www.ibm.com). If the service name begins with IGG, refer to [Z/OS DFSMS Managing Catalogs, SC26-7409](https://www.ibm.com).

**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, SA22-7807](https://www.ibm.com). If the service name begins with CSN, refer to [Z/OS Cryptographic Services ICSF Application Programmer’s Guide, SA22-7522](https://www.ibm.com). If the service name begins with IGG, refer to [Z/OS DFSMS Managing Catalogs, SC26-7409](https://www.ibm.com).

**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.

The identified USS (UNIX System Service) service, ICSF (Integrated Cryptographic Service Facility) service, IGGCS100 (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, SA22-7807](https://www.ibm.com). If the service name begins with CSN, refer to [Z/OS Cryptographic Services ICSF Application Programmer’s Guide, SA22-7522](https://www.ibm.com). If the service name begins with IGG, refer to [Z/OS DFSMS Managing Catalogs, SC26-7409](https://www.ibm.com).

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](https://www.ibm.com).
System Services Messages and Codes, SA22-7807 If the service name begins with CSN, refer to z/OS Cryptographic Services ICSF Application Programmer's Guide, SA22-7522 If the service name begins with IGG, refer to z/OS DFSMS Managing Catalogs, SC26-7409

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.

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, SA22-7807 If the service name begins with CSN, refer to z/OS Cryptographic Services ICSF Application Programmer's Guide, SA22-7522 If the service name begins with IGG, refer to z/OS DFSMS Managing Catalogs, SC26-7409
**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.


**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](https://www.ibm.com/docs/en/zos?topic=assembler-reference).

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](https://www.ibm.com/docs/en/zos?topic=assembler-reference).

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](https://www.ibm.com/docs/en/zos?topic=assembler-reference).

**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.
... during the cross-zone phase of APPLY or RESTORE processing.

SMP/E attempted retry processing after a D37-04, 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.

---

**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 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.
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 user abend that occurred.

---

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.

---

The system abend occurred when the indicated library was being processed by the utility.

**System action:** Command processing stops.

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

---

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 user abend that occurred.
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.

---

**Explanation:**

**GIM44007E**

*SYSTEM ABEND abendcode 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.*

**abendcode**  abend code
**rsncode**  abend reason code
**utility**  name of the load module for the utility
**library**  dname of the library or the dname/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 SYMOSMODs that supplied them are failed.

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

---

**GIM44008E**

*SYSTEM ABEND abendcode 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.*

**abendcode**  abend code
**rsncode**  abend reason code
**utility**  name of the load module for the utility
**library**  dname of the library or the dname/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:** The elements being processed are failed and the SYMOSMODs that supplied them are failed.

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

---

**GIM44007I**

*SYSTEM ABEND abendcode 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.*

**abendcode**  abend code
**rsncode**  abend reason code
**utility**  name of the load module for the utility
**library**  dname of the library or the dname/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.
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 SYMODs that supplied them are failed.

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

---

**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 SYMOD 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:** Your action depends on the system abend that occurred.

**Programmer response:** Increase the size of the library being processed, and rerun the job if necessary.
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.

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.

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.

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.

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.

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.

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.

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.
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.

GIM44206I  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/REMAPIEABLE 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/REMAPIEABLE.

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.
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

**Explanation:**

- modname: name of the module that called GIMMPIO
- offset: the hexadecimal offset into that module
- iopfunct: IOPFUNCT value (such as BDL, OPEN, READ)
- iotype: 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.

---

**Explanation:**

- dataset: CSI data set name

**System action:** See previous related messages.

**Programmer response:** See previous related messages.

---

**Explanation:**

- zonename: zone name from the SET command

**System action:** See previous related messages.

**Programmer response:** See previous related messages.

---

**Explanation:**

- zonename: name of zone to be opened

**System action:** See previous related messages.

**Programmer response:** See previous related messages.

---

**Explanation:**

- zonename: name of zone to be opened

**System action:** See previous related messages.

**Programmer response:** 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    dname 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 (RRLFUNC) 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**  
**GIMVSMG - NO REPRESENTATIONS MET INPUT REQUIREMENTS.**

**System action:** Processing continues.

**Programmer response:** See previous related messages.

---

**GIM44245E**  
**GIMVSMG - 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**  
**GIMVSMG - 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**  
**GIMVSMG - 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**  
**GIMVSMG - 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**  
**GIMVSMG - THE RETURN CODE FOR RRLFUNCT IS UNKNOWN.**

**System action:** SMP/E processing stops.

**Programmer response:** Report the problem to the IBM Support Center.

---

**GIM44249S**  
**GIMVSMG - 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**  
**GIMVSMG - 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**  
**GIMVSMG - 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**  
**GIMVSMG - 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.
<table>
<thead>
<tr>
<th>GIM44252W</th>
<th>GIMVSMSG - THE REPRESENTATION WAS NOT ADDED. A DUPLICATE EXISTS.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explanation: SMP/E could not complete processing for the command being run.</td>
<td></td>
</tr>
<tr>
<td>System action: See previous related messages.</td>
<td></td>
</tr>
<tr>
<td>Programmer response: Make sure you specified the command correctly. If necessary, rerun the job.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GIM44253W</th>
<th>GIMVSMSG - THE REPRESENTATION DID NOT MEET THE ASSERTION CRITERIA.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explanation: The POSU (position for update) macro could not find a record.</td>
<td></td>
</tr>
<tr>
<td>System action: Processing continues.</td>
<td></td>
</tr>
<tr>
<td>Programmer response: Make sure the record to be processed actually exists. See previous related messages for more information.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GIM44254W</th>
<th>GIMVSMSG - NO REPRESENTATION WAS FOUND. THE END OF ASSERTION RANGE WAS SET USING POSITION.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explanation: The EXTN (extract next) macro could not find a record.</td>
<td></td>
</tr>
<tr>
<td>System action: See previous related messages.</td>
<td></td>
</tr>
<tr>
<td>Programmer response: See previous related messages.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GIM44255W</th>
<th>GIMVSMSG - THE REPRESENTATION WAS NOT DELETED. NONE EXISTED AT THE ASSERTED LEVEL.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explanation: The BDEL (block delete) macro could not find anything to delete.</td>
<td></td>
</tr>
<tr>
<td>System action: See previous related messages.</td>
<td></td>
</tr>
<tr>
<td>Programmer response: See previous related messages.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GIM44256W</th>
<th>GIMVSMSG - THE REPRESENTATION WAS NOT DELETED. NONE EXISTED IN THE ASSERTION GROUP.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explanation: The EDEL (block delete with exclusions) macro could not find anything to delete.</td>
<td></td>
</tr>
<tr>
<td>System action: See previous related messages.</td>
<td></td>
</tr>
<tr>
<td>Programmer response: See previous related messages.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GIM44257S</th>
<th>GIMVSMSG - A DUPLICATE STRING NAME WAS PREVIOUSLY ASSIGNED, OR THE CODE VALUES HAVE ALL BEEN ATTEMPTED.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explanation: The ASGN (assign) macro failed for one of the indicated reasons.</td>
<td></td>
</tr>
<tr>
<td>System action: Command processing stops.</td>
<td></td>
</tr>
<tr>
<td>Programmer response: See previous related messages. If necessary, contact the IBM Support Center.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GIM44258E</th>
<th>GIMVSMSG - A DISCONNECT FAILED. NO PRIOR CONNECTION WAS ESTABLISHED.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explanation: A FREE (free) macro was attempted for a connection that was never made.</td>
<td></td>
</tr>
<tr>
<td>System action: Command processing stops.</td>
<td></td>
</tr>
<tr>
<td>Programmer response: See previous related messages. If necessary, contact the IBM Support Center.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GIM44259W</th>
<th>GIMVSMSG - THE STRING IS UNKNOWN FOR THE ENCODE PROVIDED.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explanation: A DECD (decode) macro was attempted and failed.</td>
<td></td>
</tr>
<tr>
<td>System action: SYSMOD processing stops. See previous related messages for more information.</td>
<td></td>
</tr>
<tr>
<td>Programmer response: See previous related messages. If necessary, contact the IBM Support Center.</td>
<td></td>
</tr>
</tbody>
</table>

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<tr>
<th>GIM44260W</th>
<th>GIMVSMSG - THE ENCODE IS UNKNOWN FOR THE STRING PROVIDED.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explanation: An ENCD (encode) macro was attempted and failed.</td>
<td></td>
</tr>
<tr>
<td>System action: SYSMOD processing stops. See previous related messages for more information.</td>
<td></td>
</tr>
<tr>
<td>Programmer response: See previous related messages. If necessary, contact the IBM Support Center.</td>
<td></td>
</tr>
</tbody>
</table>
### GIM44261W  GIMVSMG - 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  GIMVSMG - 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  GIMVSMG - 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.

### 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.

### GIM44266S  A VSAM ERROR OCCURRED IN MODULE modname. THE VSAM MACRO SHOWCB 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  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.
GIM44281 | 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.

GIM44283 | 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.

GIM44284 | 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.

GIM44285 | 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.

GIM44301 | AN UNUSUAL CONDITION OCCURRED. modname - elntype elname TO BE RETRANSFORMED WAS NOT IN TRANSFORMED FORMAT.

Explanation: modname | an identifier for the module that issued this message
elntype | element type
elname | 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.
Programmer response: Report the error to the IBM Support Center.

GIM44302 | AN UNUSUAL CONDITION OCCURRED. modname - elntype elname TO BE RETRANSFORMED IS NOT ON THE SMPWRK6 DATA SET.

Explanation: modname | an identifier for the module that issued this message
elntype | element type
elname | 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.

GIM44304 | AN UNUSUAL CONDITION OCCURRED. modname - AN INVALID VALUE WAS SPECIFIED ON THE OPT PARAMETER PASSED TO MODULE GIMZNDEL.

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 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.

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 GIM44318l 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 GIM44310l is also issued to identify this module. Otherwise, message GIM44318l 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
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 GIM44310l is also issued to identify this module. Otherwise, message GIM44318l 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

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 Reference](#).

---

**GIM44322S**  
**AN UNUSUAL CONDITION OCCURRED, modname - AN ERROR HAS OCCURRED IN SUBROUTINE XRFPTF1. 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.

**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 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 Reference](#).
**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.

---

**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.

---

**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.

---

**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
- **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.

---

**Explanation:**

- **modname**: an identifier for the module that issued this message
- **entname**: entry name

This message indicates that the entry is not valid in the SYSLIB table.
The indicated LMOD entry either contains no SYSLIB value or contains an incorrect SYSLIB value.

**System action:** SYMDS 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 User’s Guide.
- Otherwise, report the situation to the IBM Support Center.

---

**GIM44331W** AN UNUSUAL CONDITION OCCURRED, modname - SYMDS sysmod COULD NOT BE FOUND IN THE zonetype ZONE.

**Explanation:**
- modname: an identifier for the module that issued this message
- sysmod: SYMDS ID
- zonetype: type of zone (target or distribution)

SYMDS sysmod has elements in common with a SYMDS that failed (and was named in a GIM302x message). However, SYMDS sysmod could not be found in the indicated type of zone.

**System action:** SYMDS processing stops. Processing continues with the next SYMDS.

**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 GIMZNDEL HAD A REQUEST TO DELETE THE GLOBAL ZONE FROM A COMMAND OTHER THAN ZONEIMPORT.

**Explanation:** Module GIMZNDEL 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.
If the debug output contains any of the messages listed below, follow the recommendations:

- "JVMS027: 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.

```bash
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 DIGSTRING RACF classes, then refresh the in-storage profiles by using the following RACF command:

```bash
SETROPTS RACLIST((DIGTCERT DIGSTRING)) REFRESH
```

Also, see “Preparing to use Internet service retrieval” in the `SMP/E 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 the `SMP/E User’s Guide` for details.

- "java.io.IOException: R_datalib (IRRSDL00) 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.

```bash
RACDCERT ID(userid) LISTRING(keyring)
```

- "java.io.IOException: R_datalib (IRRSDL00) 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 the `SMP/E User’s Guide` for details.

If not using the RECEIVE ORDER or RECEIVE FROMNETWORK command or the GMGTPKG service routine, or the debug output does not reflect a condition described here, report the error to the IBM Support Center.
GIM4401W  *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.

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 elmtype elname.
Explanation: smdtype APAR or USERMOD sysmod SYSMOD ID elmtype element type elname 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 SYMDSYMOD sysmod WAS NOT REASSEMBLED BECAUSE THE REUSE OPERAND WAS SPECIFIED. THE OBJECT MODULE SAVED IN SMPWRK3 WAS USED INSTEAD.
Explanation: modname module name sysmod SYMDSYMOD ID

The indicated module was first assembled when SMP/E unsuccessfully tried to install SYMDSYSMD sysmod. The SYMDSYMOD 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: SYMDSYMOD 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 SYMDSYSMD that affects this module, the module is reassembled. This assembly prevents regression of changes supplied by one of the following:
• A SYMDSYSMD that provides macro changes for the module
• The SYMDSYSMDs 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.

**Explanation:**

```
GIM4501I  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.

**Explanation:**

```
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.

**Explanation:**

```
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.

**Explanation:**

```
GIM45201I  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.

**Explanation:**

```
GIM45301E  DATA IS MISSING FROM THE
            ++mctype FOR SYSMOD sysmod. data IS
            REQUIRED.
```

**Explanation:**

```
mctype     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.

**Explanation:**

```
GIM45302E  DATA IS MISSING FROM THE
            ++mctype MCS FOR mcsname. operand IS
            REQUIRED.
```

**Explanation:**

```
mctype     type of MCS (PRODUCT or FEATURE)
mcsname    name for the MCS (product-id and vrn, 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  

```
elmtype elname IN SYSMOD sysmod  
WAS NOT PROCESSED BECAUSE  
THE FMID ON THE ++VER  
STATEMENT DOES NOT MATCH THE  
FMID IN THE enttype ELEMENT  
ENTRY.```  

Explanation:  
elmtype  APAR or USERMOD  
elname  element name  
sysmod  SYSMOD ID  
extype  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 ddbname, 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.

---

**GIM4600S**

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.

**Programmer response:** Refer to the preceding GIM45200S 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 GIM45200S message, the SYSPRINT data set, or both, to determine what error was encountered.

---

**GIM46300I**

elemtype elmname HAS BEEN COPIED INTO pathname.

**Explanation:**

- **elemtype**: 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: 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 programe PACKAGE CONTROL STATEMENT PROCESSING FAILED.

Explanation: 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: 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: An error occurred during processing of the file attribute file. Previous messages describe the specific error.

System action: Processing stops.

Programmer response: Correct the error and rerun the job.

GIM46703I PROCESSING HAS FAILED FOR PACKAGE ATTRIBUTE FILE filename.

Explanation: An error occurred during processing of the identified package attribute file. Previous messages describe the specific error.

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.

GIMUNZIP successfully processed the named archive. The named archive was expanded in the UNIX file
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**  
**elmtype elmname**  
**INTO pathname.**

**Explanation:**

Elmtype  
**elmname**  
**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**  
**elmtype elmname**  
**INTO LIBRARY ddname.**

**Explanation:**

Elmtype  
**elmname**  
**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  
**program processing is terminated. the dataset data set cannot be opened.**

**Explanation:**

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  
**program processing failed because it was unable to obtain the required file attributes for**  
**infilename.**

**Explanation:**

Program name (GIMZIP or GIMUNZIP)  
Infilename  
The 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 elmtype elmname into**  
**directory directory. sequence number seqno.**

**Explanation:**

Elmtype  
**elmname**  
**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.
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 SCERUN library is either in the link list or in the job's STEPLIB or JOBLIB.

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'
```

**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.

**GIM47501I**  
*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 dsnname WAS ARCHIVED INTO directory AS SEGMENT FILES.*

**Explanation:**

*dsnname*  
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.

---

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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 PROCESSING ARCHIVE

Explanation:
programname  SMP/E routine that failed
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 GIMUNZIP, the archive was being created. If the routine that failed was GIMZIP, the archive was being retrieved.
System action:  Processing stops.
Programmer response:  If a previous message in SMPOUT 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 SMPOUT 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

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/ware 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.

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. \textit{infile} IS NOT VALID FOR THE SPECIFIED FILE TYPE OF 'filetype'.

Explanation:
- \textit{infile} name of the input file. If this name exceeds 300 characters in length, only the first 300 characters will appear in the message.
- \textit{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.

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 'GIMPAElemXML', GIMUNZIP cannot process the archive.

GIM48000S THE keyword \textit{keyword} HAS BEEN SPECIFIED MORE THAN ONCE IN A FILE OR ARCHIVE DEFINITION GROUP IN THE \textit{dataset} DATA SET.

Explanation:
- \textit{keyword} duplicate keyword operand
- \textit{dataset} ddbname of the data set

The indicated \textit{attribute} was specified on either the file definition tag during GIMZIP processing or on the archive definition tag during GIMUNZIP processing. The \textit{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.

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.

GIM48300S enttype entname COULD NOT BE SAVED IN THE 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 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 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
tenctype entry type
tenname 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 entryname. SMP/E WILL INSTEAD ATTEMPT TO STORE enttype entname IN THE newlib LIBRARY.

**Explanation:**
oldlib ddname of library being processed
tenctype entry type
tenname 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

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file for the archives listed in the GIMUNZIP SYSIN input stream.

GIM49000S  programe COULD NOT LOCATE THE REQUIRED PACKAGE ATTRIBUTE FILE 'filename' WITHIN THE DIRECTORY NAMED ON THE ddname DD STATEMENT.

Explanation:
programe  program name
filename  file name
ddname   ddbname

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   ddbname 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

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 `elmtype` `elmname` FROM SYSMOD `sysmod`. SEQUENCE NUMBER `seqno`.

**Explanation:**
`pathname` the absolute pathname for the file
`elmtype` 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:** 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 `elmtype` `elmname`. THE RETURN CODE WAS `rtncode`. DATE `yy.ddd` - TIME `hh:mm:ss` - SEQUENCE NUMBER `seqno`.

**Explanation:**

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ddname            ddbname of the library being processed
elmtype          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 has been updated with the element update supplied by SYSMOD sysmod.

System action: None.
Programmer response: None.

GIM49900E  HFSCOPY PROCESSING TO THE
ddbname LIBRARY FAILED FOR elmtype
elemname. THE RETURN CODE (rtncode)
EXCEEDED THE ALLOWABLE VALUE.
DATE yy.ddd - TIME hh:mm:ss -
SEQUENCE NUMBER seqno.

Explanation:
ddbname          ddbname of the library being processed
elmtype          element type
elemname          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          SYSType
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 and 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 AN UNKNOWN ELEMENT **elmname** IN **systype** SYSMOD **sysmod**.

**Explanation:**

**mcstype**  
MCS type or blank, if unknown

**elmname**  
Element name or blank, if unknown

**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.

**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 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.
**GIM5007E** 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

**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.

**GIM5008E** THERE IS AN ERROR IN A ++mstype MCS FOR systype SYSMOD sysmod.

**Explanation:**
- **mstype**: MCS type
- **systype**: SYSMOD type
- **sysmod**: SYSMOD ID or blank, if unknown

**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.

**GIM50051W** command PROCESSING ENCOUNTRED A ++mstype MCS.

**Explanation:**
- **command**: SMP/E command
- **mstype**: 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:** ++PRODUCT or ++FEATURE MCS is ignored. Processing continues with the next MCS statement.

**GIM50052E** command PROCESSING FAILED FOR SYSMOD sysmod BECAUSE IT CONTAINS THE ++mstype MCS. THIS MCS IS ONLY SUPPORTED BY SMP/E VERSION ver RELEASE rel OR HIGHER.

**Explanation:**
- **command**: SMP/E command
- **sysmod**: SYSMOD name
- **mstype**: 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 ++mstypE 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
- **mstype**: MCS type
- **elmname**: Element name
- **operand**: Operand name

A SYSMOD MCS contains a description operand, but you are running a level of SMP/E that does not support the description operand.

---

**Note:** This message immediately follows message GIM203xx, which is immediately preceded by the line that has the syntax error.
command = SMP/E command
sysmod = SYSMOD name
mcstype = MCS type
elemname = 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 SMPCNTL.

Programmer response: For more information about which operands must be specified together, see SMP/E 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 GLOBAL ZONE CONTAINED IN THE CSI SPECIFIED ON THE FROMCSI OPERAND.

Explanation:
value = value from FORFMID operand

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 GIMSPM 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 GIMSPM 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)
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.

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
  ZONEIMPORT, UCLIN for the zone index, and
  ZONEEXPORT

- To delete an existing zone from an SMPCSI:
  ZONEDELETE
  ZONEEXPORT

For more information about these commands and when to use them, see "SMP/E 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, DATEyy.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

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 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 SYMMD 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 SYMMD.
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
• 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 command processing
• The input zone on the ZONECOPY command
• The originating zone on the ZONEMERGE command
• The AZGROUP operand on an APPLY, ACCEPT, or RESTORE command
• The XZLMD 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 SYMMDs 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.

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**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.

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**GIM50804S**  program PROCESSED 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 PROCESSED 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 explicitly 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(NULL) ) 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.

---

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.

---

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.

---

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 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 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 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.

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 Commands](https://www.ibm.com/support/knowledgecenter/SSDK50_5.1.0/com.ibm.smp.doc/commands.html) 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 SYMMD 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 zone1 type ZONE.**

**Explanation:**
- `command` an SMP/E command
- `zone1` 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 SMPCNTL input for syntax.

**Programmer response:** Specify a valid combination of zones and rerun the job.

---

**GIM51602S**

**THE command COMMAND DID NOT PROCESS THE GLOBAL ZONE BECAUSE THE SET COMMAND SPECIFIED A zone2 type ZONE.**

**Explanation:**
- `command` an SMP/E command
- `zone2` 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 SMPCNTL 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 zone1 type ZONE, BUT THE INPUT ZONE IS A zone2 type ZONE.**

**Explanation:**
- `command` an SMP/E command
- `zone1` zone type
- `zone2` 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:

<table>
<thead>
<tr>
<th>SET BOUNDARY Zone Types</th>
<th>Input Zone Types</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Target</td>
</tr>
<tr>
<td>Global</td>
<td></td>
</tr>
<tr>
<td>Target</td>
<td>X</td>
</tr>
<tr>
<td>DLIB</td>
<td>X</td>
</tr>
</tbody>
</table>

**System action:** Command processing stops. SMP/E continues to check SMPCNTL 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 SYMMD 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).

---

**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:**

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 DDDEF 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.

---

**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.

---

**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:**

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.

---

**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.

---

**GIM51611S**  ALLOCATION FAILED FOR THE DATA SET SPECIFIED ON THE FROMCSI OPERAND operand.

**Explanation:**

An allocation error occurred for the data set specified on the FROMCSI operand of the GZONEMERGE command. Previous messages contain specific information about the problem.

**System action:** Command processing stops.

**Programmer response:** Fix the error and rerun the job.

---

**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 SMPCNTL 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 SMPCNTL 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

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 SMPCNTL 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

**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 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

---

**GIM5240I**  UCLIN PROCESSING IS COMPLETE FOR THE GLOBAL ZONE.

**Explanation:**  UCLIN finished processing for the global 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 GIMNSMP 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 ddbname EXCEEDS THE 255-CHARACTER MAXIMUM.

Explanation: 

pathname - pathname that is to be dynamically allocated to a DD statement
ddname - ddbname to which the path was to be allocated

The indicated pathname needs to be allocated to a ddbname 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 GIMFAXML 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 SMPPTFINS 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 command.

**Programmer response:** Check [SMP/E Commands](https://www.ibm.com/support/knowledgecenter/POWER7_7.1.0/smpz205/smpz205_top.html) to
determine which operands 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.

**GIM53300E**  LINK PROCESSING FAILED FOR
LOAD MODULE loadmod BECAUSE
NONE OF THE MODULES INCLUDED
IN loadmod HAVE BEEN INSTALLED.

**Explanation:**

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 SYMMOD that contains the
  modules included in the load module. Once the
  SYMMOD 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:**

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 SMF_HOLD 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 SMF_HOLD and rerun the RECEIVE command.

---

**GIM54201I** DYNAMIC ALLOCATION FOR library WAS SUCCESSFUL. THE FOLLOWING LIBRARIES WERE CONCATENATED: ddname,...,ddname.

**Explanation:**
- ddname 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 dname 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 SMPTLIB data set is being deallocated, this is the data set name.
  - If another data set is being deallocated, this is the dname 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:

<table>
<thead>
<tr>
<th>ddname of the library</th>
</tr>
</thead>
</table>

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.

Then rerun the job.

---

GIM54501W ALLOCATION FAILED FOR library
BECAUSE THERE IS NO DD
STATEMENT IN THE JCL AND NO
DDDEF ENTRY IN THE GLOBAL
ZONE.

Explanation:

<table>
<thead>
<tr>
<th>ddname of the library</th>
</tr>
</thead>
</table>

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.

Then rerun the job.

---

GIM54501E ALLOCATION FAILED FOR library
BECAUSE THERE IS NO DD
STATEMENT IN THE JCL AND NO
DDDEF ENTRY IN THE GLOBAL
ZONE.

Explanation:

<table>
<thead>
<tr>
<th>ddname of the library</th>
</tr>
</thead>
</table>

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.
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, 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.

---

**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:** 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.

---
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**

**Explanation:**
- `library` is the library
- `zone` is the 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.

---

**GIM54601W**

**Explanation:**
- `library1` and `library2` are the libraries
- `ddname` is the data set name

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**

**Explanation:**
- `library1` and `library2` are the libraries
- `ddname` is the data set name

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.

---

**GIM54601S**

**Explanation:**
- `library1` and `library2` are the libraries
- `ddname` is the data set name

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.
**System action:** A subsequent message identifies the system action.

**Programmer response:** Fix the error for the library and rerun the job.

---

**Explanation:**

**GIM54601T** DYNAMIC ALLOCATION FAILED FOR library1 BECAUSE library2 IS PART OF THE library1 CONCATENATION BUT WAS NOT ALLOCATED.

library1
dname of the library being allocated
library2
dname 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 library and rerun the job.

---

**Explanation:**

**GIM54701W** svc99fn FAILED FOR library – errmsg.

svc99fn
SVC99 function that failed
library
ddname of the library
textmsg
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.

---

**Explanation:**

**GIM54701E** svc99fn FAILED FOR library – errmsg.

svc99fn
SVC99 function that failed
library
ddname of the library
textmsg
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 SYSRINT data sets may be allocated for an APPLY or RESTORE command that has cross-zone work to be done. If allocation fails for SYSRINT, you need to use the File Allocation report to determine if the SYSRINT allocation was for the set-to zone or whether it was for a cross-zone. Fix the SYSRINT allocation that was in error.
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.

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.
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.

**GIM54901I** 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.

**Chapter 1. SMP/E messages**
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:** 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.

**Explanation:**

Library was allocated by the user as a dummy data set.

**Explanation:**

<table>
<thead>
<tr>
<th>Library</th>
<th>Dname of the library</th>
</tr>
</thead>
</table>

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 SMPOUT.)

**Explanation:**

Library was allocated by the user – parameters

**Explanation:**

<table>
<thead>
<tr>
<th>Library</th>
<th>Dname of the library</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parameters</td>
<td>Allocation parameters</td>
</tr>
</tbody>
</table>

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.

**Explanation:**

GIM55000E  LINK PROCESSING FAILED FOR LOAD MODULE loadmod BECAUSE THE ddbname LIBRARY IS OUT OF SPACE.

**Explanation:**

Loadmod | LMOD name |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ddbname</td>
<td>Dname of library</td>
</tr>
</tbody>
</table>

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.

**Explanation:**

GIM55101I  ZONE zonename WAS SUCCESSFULLY DELETED.

**Explanation:**

Zone name | 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.

**Explanation:**

GIM55201I  THE ZONEINDEX SUBENTRY FOR zonename WAS DELETED.

**Explanation:**

Zone name | Zone name |

SMP/E deleted the indicated ZONEINDEX subentry.

**System action:** Processing continues.

**Programmer response:** None.

**Explanation:**

GIM55202W  THE ZONEINDEX SUBENTRY FOR zonename WAS NOT DELETED. SMP/E COULD NOT OBTAIN ACCESS TO THE GLOBAL ZONE.

**Explanation:**

Zone name | 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:
- Run the job with an SMPPARM DD statement.
- If message GIM5503I 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 OPCODE member

During JCLIN processing of an assembler step, SMP/E needed to determine whether a character string was a macro or an OPCODE. 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.
- \textit{genasm} is the name of the ASSEM entry from GIM55503I.

GIM55503I \texttt{charstr} FOUND IN ASSEMBLY \texttt{asname} INPUT IS CONSIDERED A MACRO BECAUSE IT IS NOT A DEFINED OPCODE.

\textbf{Explanation:}
\texttt{charstr} character string  
\texttt{asname} 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.

\textbf{System action:} Processing continues.

\textbf{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:

\begin{verbatim}
UCLIN.
DEL MAC(macname)
...
GENASM(genasm).
ENDUCL.
\end{verbatim}

where:
- \texttt{macname} is the name of the macro.
- \texttt{genasm} is the name of the ASSEM entry.

GIM55601I \texttt{dataset} WAS NOT DEFINED. PROCESSING CONTINUES USING SYSPRINT INSTEAD.

\textbf{Explanation:}
\texttt{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.

\textbf{System action:} Processing continues.

\textbf{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

\textbf{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 \textbf{THE command COMMAND SPECIFIED THE ZONE NAME zonename. THIS DOES NOT MATCH THE ZONE SPECIFIED ON THE PREVIOUS SET COMMAND.}

\textbf{Explanation:}
\texttt{command} SMP/E command  
\texttt{zonename} zone name

\textbf{System action:} Command processing stops.

\textbf{Programmer response:} Check which zone name is correct. Fix the error and rerun the job.

GIM55802S \textbf{THE command COMMAND SPECIFIED A zonetype ZONE. THIS CONFLICTS WITH THE ZONE TYPE OF THE ZONE SPECIFIED ON THE PREVIOUS SET COMMAND.}

\textbf{Explanation:}
\texttt{command} SMP/E command  
\texttt{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.

\textbf{System action:} Command processing stops.

\textbf{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.

\textbf{Explanation:} A UCL statement for a DDDEF entry specified the CONCAT operand along with other operands. This is not allowed.

\textbf{System action:} Processing stops for the statement in error. Processing continues with the next statement.

\textbf{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](https://www.ibm.com), SC26-7410, 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:

<table>
<thead>
<tr>
<th>operand</th>
<th>zonetype1</th>
<th>zonename</th>
<th>zonetype2</th>
</tr>
</thead>
<tbody>
<tr>
<td>PURGE</td>
<td>DLIB</td>
<td>TARGET</td>
<td>TARGET</td>
</tr>
</tbody>
</table>

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:  The indicated SYMMSID 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.

None of these are allowed.

System action:  Command processing stops.

Programmer response:  Specify the SYMMSID or FMIDSET name only once. Then rerun the job.

GIM56401S  name HAS ALREADY BEEN SPECIFIED ON EITHER THE SELECT OR EXCLUDE OPERAND.

Explanation:

<table>
<thead>
<tr>
<th>name</th>
<th>SYMMSID ID or FMIDSET</th>
</tr>
</thead>
</table>

The indicated SYMMSID 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.

None of these are allowed.

System action:  Command processing stops.

Programmer response:  Specify the SYMMSID or FMIDSET name only once. Then rerun the job.

GIM56402E  SYMMSID sysmod WAS SPECIFIED MORE THAN ONCE ON A ++ASSIGN MCS. THIS IS NOT ALLOWED.

Explanation:

<table>
<thead>
<tr>
<th>sysmod</th>
<th>SYMMSID ID</th>
</tr>
</thead>
</table>

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.

Notes:
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.

GIM5661  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:** Specify the correct entry name 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.
**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.

---

**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.

---

**Explanation:** 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.

---

**Explanation:** 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.

---

**Explanation:** If BACKUP is specified on the LIST command, no other operands are allowed.

**Programmer response:** Fix the error and rerun the job.

For more information about the syntax of SMP/E commands, see **SMP/E Commands**.

---

**Explanation:** 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.

---

**Explanation:** 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.

---

**Explanation:** A GIMDDALC control statement for the indicated data set contains more operand ddnames than is allowed. Only one DDDEF statement is allowed for each data set.

**System action:** Command processing stops.

**Programmer response:** Correct the control statement and rerun the job.
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.

---

**GIM5760IS**  
**Explanation:**  
Denotes the library being allocated  
concatenated

**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.

---

**GIM57701T**  
**Explanation:**  
Denotes the library being allocated  
concatenated

**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.
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 SYMMD 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 memtype
MEMBER memname IN THE dataset
DATA SET.

Explanation:

command type of processing being done (READ, WRITE, STOW, BLDL, OPEN, CLOSE)
memtype 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
• The processing that SMP/E had already done

Subsequent messages show SMP/E’s action. The action may range from stopping SYMMD 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 SMP/E command
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 SMP/E command
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 BEENSEGMENTED. 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.

System action:  Command processing continues.

Programmer response:  Upgrade your level of SMP/E to a version that can process segmented archives.

GIM58101I  progname IS NOT ALLOWED FOR THE utiltype UTILITY BECAUSE IT IS NOT DEFINED IN GIMPRTBL.

Explanation:
progname   program name
utiltype   utility type

System action:  Processing continues.

Programmer response:  No action is required.

GIM58101W  progname IS NOT ALLOWED FOR THE utiltype UTILITY BECAUSE IT IS NOT DEFINED IN GIMPRTBL.

Explanation:
progname   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 GIMPRTBL. For more information, see the GIMPRTBL chapter in SMP/E 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
+++RENAMES, a UCLIN command) to update the indicated load modules.

GIM58101S  progname IS NOT ALLOWED FOR THE
           utityype UTILITY BECAUSE IT IS NOT
           DEFINED IN GIMUTTBL.

Explanation:
            progname    program name
            utitype     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 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.

Programmer response: None.

GIM58701I  ZONE zonename1 WAS RENAMED TO
           zonename2 IN SMPCSI DATA SET
           dataset.

Explanation:
            zonename1    old zone name

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 Reference] Then rerun the job.
zonenumber new zone name
datase new zone 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 zonenumber BUT THE ZONE DOES
NOT EXIST IN THE SMPCSI DATA
SET.

Explanation:

zonenumber 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 zonenumber
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 SYMOS ID
zonenumber name of the current zone being
            processed

The indicated SYMOS 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 stops command
processing to give you control in determining when
such a change should be made.

System action: SYMOS 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.

---

**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

---

**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:**

- **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.

---

**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.
- 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.
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 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.

GIM59006S 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.
The UPGRADE command is only supported in 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 zone IS ALREADY DEFINED AS A TARGET ZONE IN THE ZONEINDEX SUBENTRY.

**Explanation:**

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 zone IS ALREADY DEFINED BY A TARGET ZONE ENTRY.

**Explanation:**

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.

**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 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**

**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**

**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.

### GIM59605W

**ENQ FAILED FOR SHARED USE OF**

**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**

**Explanation:**

- **dataset** name of SMPCSI or SMPPTS data set or a package id value
- **command** SMP/E command

GIMSM  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**

**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**

**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:** Check that the data set is not being used by another user.
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 access 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.

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

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.

---

**GIM6201I**  
**ZONE** *zonename* **WAS SUCCESSFULLY**  
**WRITTEN TO OUTFILE** *dataset.*

**Explanation:**

- **zonename**: zone name
- **dataset**: dname 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.
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.

---

**Explanation:**
- **zone1** first zone name
- **zone2** second zone name

The indicated zone types are not a valid combination. The following combinations are allowed for input zones and receiving zones:

<table>
<thead>
<tr>
<th>Input Zone</th>
<th>Receiving Zone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distribution zone</td>
<td>Distribution zone</td>
</tr>
<tr>
<td>Distribution zone</td>
<td>Target zone</td>
</tr>
<tr>
<td>Target zone</td>
<td>Target zone</td>
</tr>
</tbody>
</table>

**Notes:**
1. You cannot copy or import a target zone into a distribution zone.
2. A global zone cannot be an input or receiving zone.

**System action:** Command processing stops. No data is moved.

**Programmer response:** Specify a valid combination of zones and rerun the job.

---

**Explanation:**
- **zone** 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.

---

**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.

---

**Explanation:**
- **zone** 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 ZONEIMPORT 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.

GIM6080I  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.

GIM6080W  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.

GIM6090I  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.

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)

GIM6090S  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.

GIM6100S  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.

GIM6110S  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 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_ dname 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:** 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**  
*enttype*  
*elmname* WAS NOT MOVED BY  
**SYSMOD**  
sysmod BECAUSE IT DOES NOT EXIST IN THE SPECIFIED library LIBRARY.

**Explanation:**
*enttype*  
element type  
*elmname*  
element name  
sysmod  
SYSMOD ID  
library  
ddbname 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.

---

**GIM61702E**  
*enttype*  
*elmname* WAS NOT RENAMED BY **SYSMOD**  
sysmod BECAUSE *elmname* DOES NOT EXIST IN THE SPECIFIED library LIBRARY.

**Explanation:**
*enttype*  
element type  
*elmname*  
element name  
sysmod  
SYSMOD ID  
library  
ddbname 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.

**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*  
*elmname* WAS NOT DELETED BY **SYSMOD**  
sysmod BECAUSE *elmname* DOES NOT EXIST IN THE SPECIFIED library LIBRARY.

**Explanation:**
*enttype*  
ALIAS or LMOD

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.
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:** SYMMD 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.

---

**GIM61706E**

**elname WAS NOT MOVED BY**
**SYMMD sysmod BECAUSE elname**
**DOES NOT EXIST IN THE SPECIFIED**
**library LIBRARY.**

**Explanation:**
- *elname* element name
- *sysmod* SYMMD ID
- *library* dname 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:** SYMMD 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**
**SYMMD 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* SYMMD ID
- *library* dname 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:** SYMMD processing stops for the indicated SYMMD.

**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 SYMMD 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 SYMMD 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**
**SYMMD 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* SYMMD 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:** SYMMD processing stops.

**Programmer response:** If you are trying to install an IBM-supplied SYMMD, 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 : dname 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.

Then rerun the job.

**GIM61901I** elmltype elmlname WAS NOT MOVED BY SYSMOD sysmod BECAUSE elmlname IS NOT IN THE zonename ZONE.

**Explanation:**

- elmltype : element type
- elmlname : 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** elmltype elmlname WAS NOT MOVED BY SYSMOD sysmod BECAUSE elmlname IS NOT IN THE zonename ZONE.

**Explanation:**

- elmltype : element type
- elmlname : 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** elmltype elmlname WAS NOT RENAMED BY SYSMOD sysmod BECAUSE elmlname IS NOT IN THE zonename ZONE.

**Explanation:**

- elmltype : element type
- elmlname : 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** elmltype elmlname WAS NOT DELETED BY SYSMOD sysmod BECAUSE IT IS NOT IN THE zonename ZONE.

**Explanation:**

- elmltype : element type
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


dlname WAS NOT MOVED BY
SYSMOD sysmod BECAUSE dlname IS NOT IN THE zonename ZONE.

**Explanation:**

dlname 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:** None action is needed.

---

### GIM61904W


dlname WAS NOT MOVED BY
SYSMOD sysmod BECAUSE dlname IS NOT IN THE zonename ZONE.

**Explanation:**

dlname 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.

---

### GIM62001I


dltype dlname WAS MOVED BY
SYSMOD sysmod FROM libtype library1 TO library2.

**Explanation:**

dltype element type  
dlname element name  
sysmod SYSMOD ID  
libtype DISTLIB or SYSLIB  
library1 dname of the old library  
library2 dname of the new library

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


dlname WAS NOT RENAMED BY
SYSMOD sysmod BECAUSE dlname IS NOT IN THE zonename ZONE.

**Explanation:**

dlname 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


dlname WAS NOT DELETED BY
SYSMOD sysmod BECAUSE dlname IS NOT IN THE zonename ZONE.

**Explanation:**

dlname 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.

---
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.

GIM6202I  elname WAS MOVED BY SYSMOD sysmod FROM librtype library1 TO library2.

Explanation:
elname  element name
sysmod  SYSMOD ID
librtype  DISTLIB or SYSLIB
library1  dname of the old library
library2  dname 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.

GIM6210E  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.

GIM6210E  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.

GIM6220E  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 Reference](https://www.ibm.com) or [z/OS Packaging Rules](https://www.ibm.com) to determine the correct order for the MCS statements. Make any necessary changes, then rerun the job.

GIM6300S  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.

System action: Processing stops.

Programmer response: Remove or correct the duplicate control statement and rerun the job.

GIM6401E  A MEMBER TYPE OPERAND IS REQUIRED ON THE ++mcstype MCS FOR elname IN SYSMOD sysmod.

Explanation:
mcstype  MCS type
elname  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.

GIM6402E  A LIBRARY TYPE OPERAND IS REQUIRED ON THE ++mcstype MCS FOR elname IN SYSMOD sysmod.

Explanation:
mcstype  MCS type
elname  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 **++mstype** MCS FOR **elmname** IN SYSMOD **sysmod**.

**Explanation:**

- **operand**  operand
- **mstype**  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 **++mstype** MCS IN SYSMOD **sysmod**.

**Explanation:**

- **operand1**  required operand
- **operand2**  specified operand
- **mstype**  MCS type
- **elmname**  element name
- **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.

---

**GIM62501T**  **value** IS NOT A DEFINED DUMP POINT.

**Explanation:**  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.

---

**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.

---

**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 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.

---

**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 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 (GIMSMMP) 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 (GIMSMMP) 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

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: 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** JOB CARD 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  dname of the library

The JOB CARD 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 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 SYSPOUNCH, 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 elmttype elmname FROM distlib TO targlib, elmttype ENTRY elmname HAS NO FMID AND THEREFORE MIGHT NOT HAVE BEEN INSTALLED. AN ERROR WILL OCCUR IF elmname IS NOT IN distlib.`

**Explanation:**
- `elmttype` element type
- `elmname` element name
- `distlib` ddbname of the distribution library
- `targlib` dname 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 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 SYMMDs affect the module. Then enter LIST SYMMD for these SYMMDs 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` dname of the library where the load module resides

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.
SM/E assumes that every element in the target zone was part of a function that SM/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, SM/E is not sure whether the element was ever really installed.

**System action:** SM/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, SM/E creates a MOD entry for the module. However, because SM/E never installs the module in this zone, SM/E never adds the FMID subentry.
- If the element is no longer required, delete the element entry.

**Explanation:**

<table>
<thead>
<tr>
<th>jjname</th>
<th>name of the JCL statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>stepname</td>
<td>step name</td>
</tr>
<tr>
<td>jobname</td>
<td>job name</td>
</tr>
<tr>
<td>dddef</td>
<td>DDDEF name</td>
</tr>
</tbody>
</table>

SM/E could not get the information to generate the specified JCL statement.

**System action:** SM/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 Commands].

**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 COMMENT WAS GENERATED FOR**

**the jjname JCL STATEMENT IN STEP**

**stepname OF JOB jobname BECAUSE THE**

**DDDEF ENTRY FOR stepname DOES**

**NOT CONTAIN A PATH SUBENTRY.**

**Explanation:**

<table>
<thead>
<tr>
<th>jjname</th>
<th>name of the JCL statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>stepname</td>
<td>step name</td>
</tr>
<tr>
<td>jobname</td>
<td>job name</td>
</tr>
</tbody>
</table>

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:** SM/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 Commands].

**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 elntype elnname IN**

**STEP stepname OF JOB jobname, elntype**

**ENTRY entname IS NEEDED TO**

**PROCESS elntype elnname, BUT IS NOT**

**IN THE zonename ZONE.**

**Explanation:**

| elntype   | element type                |

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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 elmtype elname IN STEP stepname OF JOB jobname. DDDEF ENTRY entname IS NEEDED TO PROCESS elmtype elname, BUT DDDEF ENTRY entname DOES NOT CONTAIN A PATH SUBENTRY.

**Explanation:**
- **elmtype** entry type
- **elname** 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 elmtype elname 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:**
- **elmtype** entry type
- **elname** 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.
For more information about defining a utility to SMP/E, see the descriptions of \texttt{UTILITY} entries and \texttt{OPTIONS} entries in \textit{SMP/E 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** \texttt{STEP stepname IN JOB jobname WAS NOT PROCESSED BECAUSE programe WAS NOT SPECIFIED AS A UTILITY ON THE JCLIN COMMAND.}

\textbf{Explanation:}\n\texttt{stepname} \hspace{1em} step name  
\texttt{jobname} \hspace{1em} job name  
\texttt{programe} \hspace{1em} 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.

\textbf{System action:}\ This step is not processed. Processing continues with the next step.

\textbf{Programmer response:}\n- 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 \texttt{UTILITY} entries and \texttt{OPTIONS} entries in \textit{SMP/E 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** \texttt{STEP stepname IN JOB jobname WAS NOT PROCESSED BECAUSE programe WAS NOT SPECIFIED AS A UTILITY ON THE ++JCLIN MCS IN SYMOD sysmod.}
Explanation:

**stepname**     step name
**jobname**     job name
**programname**     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 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.

**GIM6502W**  **STEP** **stepname** **IN JOB** **jobname** **WAS NOT PROCESSED BECAUSE** **programname** **WAS NOT SPECIFIED AS A UTILITY ON THE ++JCLIN MCS IN SYSMOD sysmod**.

**Explanation:**

**stepname**     step name
**jobname**     job name
**programname**     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 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.

**GIM6501S**  **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.

**GIM6520S**  **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
**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:  
<table>
<thead>
<tr>
<th>modname</th>
<th>module name</th>
</tr>
</thead>
<tbody>
<tr>
<td>sysmod1</td>
<td>SYSMOD ID</td>
</tr>
<tr>
<td>zonename</td>
<td>zone name</td>
</tr>
<tr>
<td>sysmod2</td>
<td>module’s target zone RMID</td>
</tr>
</tbody>
</table>

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:  
<table>
<thead>
<tr>
<th>loadmod</th>
<th>load module name</th>
</tr>
</thead>
<tbody>
<tr>
<td>modname</td>
<td>module name</td>
</tr>
<tr>
<td>zonename</td>
<td>zone name</td>
</tr>
</tbody>
</table>

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:  
<table>
<thead>
<tr>
<th>loadmod</th>
<th>load module name</th>
</tr>
</thead>
<tbody>
<tr>
<td>modname</td>
<td>module name</td>
</tr>
<tr>
<td>zonename</td>
<td>zone name</td>
</tr>
<tr>
<td>sysmod</td>
<td>module’s target zone RMID</td>
</tr>
</tbody>
</table>

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.
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.

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**: 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.) 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.

```
GIM65901E  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
```

```
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
```
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 LCLIB 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 membname 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 membname 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. If 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
- **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:** Correct the allocation error described in previous messages and rerun the job.

**GIM65909E** LINK PROCESSING FAILED FOR LOAD MODULE loadmod BECAUSE memtype membername IN THE ddname LIBRARY IS NEEDED TO BUILD loadmod BUT ddname COULD NOT BE ALLOCATED.

**Explanation:**
- **loadmod** load module name
- **memtype** member type
- **membername** 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 SYMDSOD that last replaced the module in the target system. This SYMDSOD is the module’s target zone RMD. The SYMDSOD 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 ddbname COULD NOT BE ALLOCATED.

**Explanation:**
- loadmod       load module name
- modname       module name
- ddbname       ddbname of the library

SMP/E needed the specified module to build the specified load module, but the module could not be assembled because ddbname 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 SYMDSOD sysmod BUT IS NOT FOUND. THE MODULE’S DISTRIBUTION LIBRARY ddbname COULD NOT BE ALLOCATED.

**Explanation:**
- modname       module name
- sysmod        SYMDSOD ID
- ddbname       module’s distribution library
- sysmod2       module’s target zone RMD

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 SYMDSOD sysmod2 which last replaced the module in the target system. This SYMDSOD is the module’s target zone RMD. If the SYMDSOD was found in the SMPPTS, the copy of the module within the SYMDSOD would be included during link edit operations.

Message GIM65905I follows this message and identifies the load modules that could not be built.

**System action:** SYMDSOD processing stops.

**Programmer response:** Do one of the following, then rerun the job.
- RECEIVE into the global zone and SMPPTS data set SYMDSOD 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 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.

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

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.
**GIM66300E**  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.

---

**GIM66500E**  value WAS SPECIFIED MORE THAN ONCE ON THE operand OPERAND OF THE ++mctype MCS FOR elmname IN SYSMOD sysmod. THIS IS NOT ALLOWED.

**Explanation:**

- **value**  operand value
- **operand**  operand type
- **mctype**  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.

---

**GIM66600E**  operand VALUE value IS THE SAME AS THE ELEMENT NAME ON THE ++mctype MCS FOR elmname IN SYSMOD sysmod. THESE VALUES MUST BE DIFFERENT.

**Explanation:**

- **operand**  operand type
- **value**  operand value
- **mctype**  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.

---

**GIM66700T**  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.

---

**GIM66800E**  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.

---

**GIM66900E**  BACKUP ENTRIES FOR sysmod WERE NOT DELETED FROM THE SMPSRCS 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 mctype MCS FOR elname IN SYSMOD sysmod.

Explanation:
operand          FMID or SYSLIB
number         10 (for FMID) or 2 (for SYSLIB)
mctype       ++MOVE (for FMID) or ++DELETE (for SYSLIB)
elname     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 (zone) was specified for the related zone and for the zone on the SET command. THESE VALUES MUST BE DIFFERENT.

Explanation:
zone           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.

GIM67201E  LOAD MODULE BUILD PROCESSING STOPPED BECAUSE NO RELATED DISTRIBUTION ZONE IS DEFINED FOR TARGET ZONE zone.

Explanation:
zone           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
• GIM67501L, 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:
• 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

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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.
**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**

**Explanation:**
- **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`.

**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).

---

**GIM68500S**

**Explanation:** 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 `ORDnnnn` where `nnnn` 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).

---

**GIM68700I**

**Explanation:** The indicated ORDER entry was sent to the server but was not received because the server is not available or was not able to process the request.

**System action:** Processing continues.

**Programmer response:** None.

---

**GIM68800S**

**Explanation:** The receive command failed because the package for ORDER entry `ename` cannot be received because it has not yet been downloaded.

**System action:** Processing continues.

**Programmer response:** None.
**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.

**GIM6900S**  
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 entry 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.

**GIM6900E**  
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:** 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.

---

**GIM69004I**

**THE DATA WAS NOT TRANSFORMED BECAUSE OF AN I/O ERROR. SYNAD INFORMATION**

**FORMATS**

- **jobname:** job name
- **stepname:** step name
- **unit address:** unit address
- **device type:** device type
- **ddname:** dd name
- **operation attempted:** operation attempted
- **error description:** error description
- **actual track address:** actual track address
- **block number:** 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 rntcode.**

**Explanation:**

- **rntcode** 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**

**elmtype elmname COULD NOT BE RETRANSMFORMED BECAUSE THE**

**attribute OF value1 FOR LIBRARY library**

**CONFLICTS WITH THE ORIGINAL**

**attribute OF value2 FOR THE DATA.**

**Explanation:**

- **elmtype** 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 the 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 RETRANFORMATION OF elemtype elemname ON THE library LIBRARY. DATA HAS BEEN LOST.

Explanation:
- **elemtype**: element type
- **elemname**: 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 RETRANFORMATION OF elemtype elemname ON LIBRARY library WAS UNSUCCESSFUL FOR SYSMOD sysmod.

Explanation:
- **elemtype**: element type
- **elemname**: 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 RETRANFORMATION OF elemtype elemname ON LIBRARY library WAS SUCCESSFUL FOR SYSMOD sysmod.

Explanation:
- **elemtype**: element type
- **elemname**: 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.
- If the zone was not specified correctly, specify the correct zone name and rerun the command.
The indicated zone contains no SYMmods entries. The REPORT SYMmods command only compares zones that contain at least one SYMmod 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 SYMmods 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 SYMmods selection operand on the RECEIVE command will be ignored because the order's package will not contain any SYMmods.

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 SYMmods selection operand on the RECEIVE command will be ignored because the order's package will not contain any SYMmods.

**Note:** If neither the SYMmods 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 SYMmods operand are ignored.

**Programmer response:** None.
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.
    ```

**GIM69033E**  
enttype entname WAS NOT RENAMED BY SYSMOD sysmod BECAUSE entname ALREADY EXISTS IN THE SPECIFIED library LIBRARY.

**Explanation:**

enttype  
entname  
sysmod  
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:** SYMMP 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  
zonename2

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  

None of these are allowed.

**System action:** Command processing stops.

**Programmer response:** Specify the SOURCEID value only once. Then rerun the job.
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 an 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 an 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: Correct values so that the zone name is specified for the module. Then rerun the command.

**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
- **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

System action: Command processing stops. Processing continues with the next command.
An operand specified on the command being processed is not valid for the type of zone specified on the previous SET command.

**System action:** SYM3 MOD processing stops.

**Programmer response:** Either change the operand, or change the zone specified on the previous SET command. Then rerun the job.

**Explanation:** The operand operand is only allowed for a zonetype zone.

**Explanation:** The operand operand is only allowed for a zonetype zone.

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.

**Explanation:** Conditional changes are not allowed when ZONEEDIT enttype is specified.

**Explanation:** Conditional changes are not allowed when ZONEEDIT enttype is specified.

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.

**Explanation:** An asterisk (*) is not allowed for the FROM value of a CHANGE statement for ZONEVALUE.

**Explanation:** An asterisk (*) is not allowed for the FROM value of a CHANGE statement for ZONEVALUE.

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 that 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.

**Explanation:** The same value (zonename) was specified for the cross-zone name and for the zonename on the SET command. These values must be different.

**Explanation:** The same value (zonename) was specified for the cross-zone name and for the zonename on the SET command. These values must be different.

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.

**Explanation:** A TIEDTO SUBENTRY was found for zone zonename.

**Explanation:** A TIEDTO SUBENTRY was found for zone zonename.

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 Commands.

**Explanation:** enttype1 entname1 in zonename1 contains an subtype subentry indicating a cross-zone relationship with enttype2 entname2 in zonename2.

**Explanation:** enttype1 entname1 in zonename1 contains an subtype subentry indicating a cross-zone relationship with enttype2 entname2 in zonename2.

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 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
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 dname 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
IN 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
- **IN:** 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 dname
- **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
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 progname WAS REQUIRED
FOR SMP/E command CROSS-ZONE
PROCESSING BUT WAS NOT
AVAILABLE.

Explanation:
progname    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
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.

---

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.

---

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.

---

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.

---

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.

---

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.
I/O processing

SMP/E

zonename

the only Programmer System ENDUCL.
ADD can Two modname

SMP/E zonename loadmod

Explanation: GIM69075W
LMOD loadmod IN ZONE zonename
DOES NOT EXIST IN SYSLIB syslog.
CROSS-ZONE UPDATE PROCESSING WILL NOT BE ATTEMPTED FOR LMOD loadmod IN ZONE zonename.

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.

GIM69076W UCLIN PROCESSING FAILED BECAUSE THE XZMOD OPERAND SPECIFIED THE SAME MODULE (modname) FOR MORE THAN ONE ZONE.

Explanation: 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(mod1) 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 UCLIN 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: 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.

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: During GENERATE processing, a load module was encountered that contains a module from another zone. This was indicated by message GIM69046W.
During GENERATE processing, a load module was encountered that contains a module from another zone. Additionaly, 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: 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 dialog 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.

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 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.

GIM6908I 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 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 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

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.

GIM69093I 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: module name
modname module name
sysmod ID of SYSMOD containing the module
loadmod load module name
zonename cross-zone 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
loadmod1 old load module name
loadmod2 new load module name
zonename cross-zone 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.

**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:

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:

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:

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:

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:

zonename1  new ZONEVALUE name
zonename2  name of current target zone
• 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
dname name of missing DDDEF entry
donetype 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
dname name of missing DDDEF entry
donetype 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.
**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
- **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.

**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.)

---

**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.
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.)

---

**GIM6910S**

**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**

**svc99 failed FOR library USING DDDEF ddname FROM ZONE zonename - errortext.**

**Explanation:**
- svc99: 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.

---

**GIM69110W**

**svc99 failed FOR library USING DDDEF ddname FROM ZONE zonename - errortext.**

**Explanation:**
- svc99: 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
ddbname  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
ddbname  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
ddbname  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.

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.

---

**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
- **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

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.
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
- **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`: dname 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 (GIM69089W 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 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 asname IN SYSMOD sysmod WAS NOT INSTALLED IN ANY TARGET LIBRARY. asname MAY HAVE TO BE UPDATED IN LMOD loadmod IN ZONE zonename.

**Explanation:**
- **asname**: name of assembly
- **sysmod**: ID of SYSMOD causing the assembly
- **loadmod**: name of cross-zone LMOD
- **zonename**: cross-zone name

The assembly for asname 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 symod supplied a source replacement or update, follow these steps to do the assembly:
      1. Obtain an updated copy of the source supplied by SYSMOD symod.
         Use the Element Summary report to determine the SYSLIB of source asname from SYSMOD symod. 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 symod supplied a macro replacement or update causing an assembly for asname, follow these steps to do the assembly:
      1. Obtain a copy of the source. Choose the first match from the ASSEMBLY 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:**

<table>
<thead>
<tr>
<th>userid</th>
<th>user id associated with the address space where the SMP/E job is running</th>
</tr>
</thead>
</table>

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”.

See [SMP/E User’s Guide, SA22-7773](#) “Preparing to Use Internet Service Retrieval” for details on setting up the necessary profiles in your Security Manager, and defining keyrings and certificates to use the RECEIVE ORDER command.

**GIM69138W LMOD loadmod WAS NOT DELETED FROM LIBRARY library BY SYSMOD symod BECAUSE loadmod DOES NOT EXIST IN LIBRARY library.**

**Explanation:**

<table>
<thead>
<tr>
<th>loadmod</th>
<th>name of LMOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>library</td>
<td>ddname of library</td>
</tr>
<tr>
<td>symod</td>
<td>ID of the SYSMOD</td>
</tr>
</tbody>
</table>

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:**

<table>
<thead>
<tr>
<th>loadmod</th>
<th>load module name</th>
</tr>
</thead>
<tbody>
<tr>
<td>syslib</td>
<td>ddname of library</td>
</tr>
<tr>
<td>modname</td>
<td>module name</td>
</tr>
</tbody>
</table>
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.

---

**GIM69140T** 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.
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: SYMMD 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    dname 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:** RECEIVED ORDER processing continues.

**Programmer response:** Ensure you specified the correct operands on the RECEIVE ORDER command when the order was sent to the server.

---

**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:
- 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)_

---

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• 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 User’s Guide, SA22-7773](#) “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.

GIM69150W 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.

GIM69149W 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: SYMMD 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 progname MAY BE REQUIRED FOR SMP/E PROCESSING BUT IS NOT AVAILABLE.

Explanation: 
progname    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 elmtype elmname BUT THE HFSCOPY UTILITY proiname WAS NOT AVAILABLE.

Explanation:
- command: SMP/E command
- sysmod: SYSMOD ID
- elmtype: element type
- elmname: element name
- proiname: 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.
- If you specified an incorrect utility name, correct it and rerun the job.

GIM69156E command PROCESSING FAILED FOR SYSMOD sysmod. sysmod INCLUDES elmtype elmname BUT THE HFSCOPY UTILITY proiname WAS NOT DEFINED IN GIMUTTBL.

Explanation:
- command: SMP/E command
- sysmod: SYSMOD ID
- elmtype: element type
- elmname: element name
- proiname: utility program name

System action: SYSMOD processing stops.

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: ddbname 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 proiname 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 'rsnccode'X.

Explanation:
- proiname: program name
- rtncode: return code from BPX1SRU callable service in hexadecimal
- rsnccode: 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 [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://gccw02.rochester.ibm.com/services/projects/ecc/w3/

GIM69161T  FILE filename1 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.

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.

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.
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 ENZEDIT 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](https://www.ibm.com/support/docview.zhtml?c=215635&d=533616) or [Z/OS MVS JCL Reference](https://www.ibm.com/support/docview.zhtml?c=215635&d=533616).

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 SYSDRV sysmod. THE
RETURN CODE (rtncode) EXCEEDED
THE ALLOWABLE VALUE. DATE
yy,ddd - TIME hh:mm:ss - SEQUENCE
NUMBER seqno.

Explanation:
library     ddbname of library where element was
to be installed
enttype     entry type
entname     entry name
sysmod      SYSDRV 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: SYSDRV 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     ddbname 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.
GIM69175 *THE BASE VERSION OF LOAD MODULE loadmod WAS DELETED FROM THE SMPLTS LIBRARY. THE EXECUTABLE VERSION OF THAT LOAD MODULE IN ITS TARGET LIBRARIES MAY INCLUDE MODULES FROM THE CALLLIBS LIBRARIES.*

**Explanation:**
- **loadmod** load module name

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 rsnrcode.*

**Explanation:**
- **filename** file name
- **library** ddname of library being processed
- **accmode** access mode passed to the service
- **service** callable service name
- **rtncode** return code
- **rsnrcode** 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][1] Assembly Callable Services Reference to determine the cause of the error. Correct the error, and rerun the job.

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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 RPREFIX and RFDSNPFX 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 RPREFIX 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 dataset1 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 RPREFIX 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 TIOU 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.

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 ShopSeries 
(https://www14.software.ibm.com/webapp/ ... 
ShopSeries/ShopSeries.jsp). Load the new certificate 
into your security product data base and rerun the job. 
See [SMP/E User's Guide, SA22-7773]. 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  elmttype elmname COULD NOT BE 
DELETED FROM THE library LIBRARY 
BY SYMSOD 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  ddname of library being processed 
sysmod  SYMSOD 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 
SYMSOD.

Programmer response:  Contact the IBM Support 
Center.

GIM69185E  AN INVALID ENTRY HAD BEEN 
ENCOUNTERED IN THE SMPSOCDs 
DATA SET FOR SYMSOD sysmod.

Explanation: 
sysmod  SYMSOD ID

Command processing was not done for the indicated 
SYMSOD because SMP/E found an invalid entry in the 
SMPSOCDs data set. The problem in the entry caused an 
I/O error, which led to an abend.

System action:  Processing stops for the indicated 
SYMSOD. 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 SMPSOCDs data set.

GIM69186E  elmttype elmname CANNOT BE 
PROCESSED IN LIBRARY library FOR 
SYMSOD 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  ddname of library being processed 
sysmod  SYMSOD 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 
SYMSOD.

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 UTILTY 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/](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
- **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 package 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://eccw02.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

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.

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**GIM691971**

```plaintext
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.

---

**GIM691988**

```plaintext
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](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 User’s Guide](https://www14.software.ibm.com) for details on setting up the necessary profiles in your Security Manager, and defining keyrings and certificates to use the RECEIVE ORDER command.

---

**GIM69199E**

```plaintext
A LINK VALUE ON THE MCS FOR elmtype elname IN SYMSMOD sysmod EXCEEDS THE 64 CHARACTER MAXIMUM. z/OS level SMP/E (OR HIGHER) SUPPORTS LINK VALUES UP TO 1023 CHARACTERS LONG.
```

**Explanation:**

- `elmtype`: element type
- `elname`: element name
- `sysmod`: SYMSMOD ID
- `level`: minimum version and release (v.r.r) 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 SYMSMOD stops.

**Programmer response:** Use the specified level of SMP/E, or higher, to process the SYMSMOD.

---

**GIM69200E**

```plaintext
RETRANSFORMATION FAILED FOR elmtype elname IN THE library LIBRARY FOR SYMSMOD sysmod. ABEND abncode OCCURRED WHILE PROCESSING library. THE library LIBRARY RAN OUT OF SPACE.
```

**Explanation:**

- `elmtype`: element type
- `elname`: element name
- `library`: dname of the library
- `sysmod`: SYMSMOD ID
- `abncode`: abend code

Retransformation processing failed for the indicated element.

**System action:** SYMSMOD processing stops for the indicated SYMSMOD.

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

---

**GIM69201I**

```plaintext
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.
  – 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.

GIM6920I 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.

GIM6920I 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.

GIM6920S 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

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 -com.ibm.smp.debug=severe on the javadbugoptions attribute in the CLIENT data set and rerun the job. The debug output is written to the print ddbname for the HFSCOPY utility (default is SYSPRINT).

If the output contains a message such as JVMST027:
Cannot allocate memory for System Heap. or JVML017: 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**  the connection with the server failed. text

**Explanation:**
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.
- 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 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.

- 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
programname1 (vrrpp) IS NOT COMPATIBLE
WITH THE LEVEL OF THE SMP/E
CALLING PROGRAM programname2 (vrrpp),

Explanation:
command      SMP/E command or SMP/E service
routine name  
programname1 Name of program being called
programname2 Name of calling program
vrrpp         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

See “Preparing to use internet service retrieval”,
especially the topic “Options that affect Java” in SMP/E

GIM69209S  Command PROCESSING HAS FAILED
BECAUSE PROGRAM programname
COULD NOT BE STARTED.

Explanation:
command      SMP/E command or SMP/E service
routine name  
programname   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
  javadegoptions attribute was specified in the
  CLIENT data set, then ensure the specified values
  are proper and correct.
**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 entry 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.


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 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...
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 User’s Guide for details on proper setup.

---

GIM69221I  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.


---

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.

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**  PT *name* WAS SPECIFIED ON THE CONTENT OPERAND FOR ORDER *entname* BUT WAS NOT FOUND BY THE SERVER.

*Explanation:*

name  PT *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 no PTF names remaining 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

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 the fixing PTFs are not 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 no fixing PTFs remaining 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 the specified number of attempts.

*System action:* Command or service routine processing stops.

*Programmer response:* Refer to the GIM4201S 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.

**GIM69264I**  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 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.

**GIM69265S**  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

**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 **entname** AND WILL CONTINUE TO WAIT BECAUSE NOLIMIT WAS SPECIFIED.

**Explanation:**
waitmin time SMP/E has been waiting
entname 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.

---

**GIM70700T** UTILITY **progone** WAS NOT FOUND.

**Explanation:**
progone 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.

**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  elmttype ELEMENT elmname WAS NOT
FOUND IN LIBRARY library.

Explanation:

elmttype  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 elmttype elmname.

Explanation:

shellscr  shell script name
elmttype  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 rsnrncode.

Explanation:

elmttype  element type
elmname  element name
service  callable service name
The indicated element was successfully processed.

**System action:** Processing continues.

**Programmer response:** None.

---

**GIM70718E** GIMIAP PROCESSING TO THE library1 LIBRARY FAILED FOR enttype entname.

**Explanation:**
- `library1`: dname 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:**
- Look in SMOUT 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`: dname of the library from which the elements were to be copied or reformatted
- `library2`: dname 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 E, F, 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:
<table>
<thead>
<tr>
<th>Input</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>F, FB</td>
<td>F, FB, FS, FBS, FA, FBA, FM, FBM, V, VB, VA, VBA, VM, VBM</td>
</tr>
<tr>
<td>FS, FBS</td>
<td>F, FB, FS, FBS, FA, FBA, FM, FBM, V, VB, VA, VBA, VM, VBM</td>
</tr>
<tr>
<td>FA, FBA</td>
<td>F, FB, FS, FBS, FA, FBA, V, VB, VA, VBA</td>
</tr>
<tr>
<td>FM, FBM</td>
<td>F, FB, FS, FBS, FM, FBM, V, VB, VM, VBM</td>
</tr>
<tr>
<td>V, VB</td>
<td>F, FB, FS, FBS, FA, FBA, FM, FBM, V, VB, VA, VBA, VM, VBM</td>
</tr>
<tr>
<td>VA, VBA</td>
<td>F, FB, FS, FBS, FA, FBA, V, VB, VA, VBA</td>
</tr>
<tr>
<td>VM, VBM</td>
<td>F, FB, FS, FBS, FM, FBM, V, VB, VM, VBM</td>
</tr>
<tr>
<td>VS</td>
<td>VS</td>
</tr>
<tr>
<td>VBS</td>
<td>VBS</td>
</tr>
</tbody>
</table>

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 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:**

<table>
<thead>
<tr>
<th>library</th>
<th>dname of the library to which the element was to be installed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>enttype</td>
<td>entry type</td>
</tr>
<tr>
<td>entname</td>
<td>entry name</td>
</tr>
</tbody>
</table>

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.

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 enttype FOUND IN SELECT CONTROL CARD.

**Explanation:**

| enttype | 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   dname 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   dname 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 elmtype ELEMENT TYPE BEING PROCESSED.

Explanation: library   dname of the library to which the element was to be installed.

dsorg  data set organization of the library.

elmtype  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 stmtname1 CANNOT BE USED WHEN OPERAND operand2 IS PRESENT ON CONTROL STATEMENT stmtname2. THE OPERANDS ARE MUTUALLY EXCLUSIVE.

Explanation: operand1  operand name

stmtname1  control statement name

operand2  operand name

stmtname2  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 elnnname WAS
SUCCESSFUL.

Explanation:
shellscr       shell script name
elmttype       element type
elnnname       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.

<table>
<thead>
<tr>
<th>Severity Level</th>
<th>Return Code</th>
<th>Category</th>
<th>When Issued</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>00</td>
<td>Informational</td>
<td>• To show stages of SMP/E processing.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• To accompany other messages as an explanation for errors or unusual conditions.</td>
</tr>
<tr>
<td>W</td>
<td>04</td>
<td>Warning</td>
<td>• Processing completed but SMP/E detected a possible error.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Look at these messages to determine if SMP/E’s action was appropriate.</td>
</tr>
<tr>
<td>E</td>
<td>08</td>
<td>Error</td>
<td>• SMP/E processing did not complete properly. At least one SYSMOD failed.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>For example, when APPLY processing of a SYSMOD stops, this is an error, and SMP/E issues a</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>return code of at least 8.</td>
</tr>
<tr>
<td>S</td>
<td>12</td>
<td>Severe</td>
<td>• An entire SMP/E command failed.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>For example, when APPLY processing stops because of insufficient storage, SMP/E issues a</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>return code of 12.</td>
</tr>
<tr>
<td>T</td>
<td>16</td>
<td>Terminating</td>
<td>• A situation occurred that forced SMP/E processing to stop.</td>
</tr>
<tr>
<td>T</td>
<td>20</td>
<td>Terminating</td>
<td>• An internal SMP/E error caused SMP/E processing to stop.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>For example, there may be an interface problem between SMP/E modules or a data error on the</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SMPCSI data set.</td>
</tr>
</tbody>
</table>

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 IEBPTFCH 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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>APPLY processing completed successfully.</td>
</tr>
</tbody>
</table>
| 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 its 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.

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.
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
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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>GENERATE processing completed successfully.</td>
</tr>
<tr>
<td>04</td>
<td>GENERATE processing completed, but there are potential errors in the generated jobs. Refer to the messages for more information about these errors.</td>
</tr>
</tbody>
</table>
| 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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>JCLIN processing completed successfully.</td>
</tr>
<tr>
<td>04</td>
<td>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.</td>
</tr>
<tr>
<td>08</td>
<td>JCLIN processing stopped because of a syntax error in the JCLIN input.</td>
</tr>
</tbody>
</table>
| 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 PEMAIX 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 Commands] for more information.

If the SMP CSI ran out of space during JCLIN processing, try obtaining additional space for the SMP CSI. 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.

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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>LIST processing completed successfully.</td>
</tr>
</tbody>
</table>
| 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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>LOG processing completed successfully.</td>
</tr>
</tbody>
</table>
| 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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>RECEIVE processing completed successfully.</td>
</tr>
</tbody>
</table>
RECEIVE processing completed with possible errors. One possibility is that the RECEIVE exit routine took some action for at least one SYSMOD.

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.

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.

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" 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 SYMMOD 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 ++RENAMES 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: ASMRLR)
  – Copy, compress, retry utility (default: IEBCOPY)
  – Update utility (default: IEBUPDTE)
  – Superzap utility (default: IMASZAP)
  – 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 SMPSCD5 contains an entry that has not been converted to the format required for IBM SMP/E for z/OS, V3R5.
• 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” and SMP/E Commands for information on how to handle the problem. Then rerun RESTORE.

**SET return codes**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>SET processing completed successfully.</td>
</tr>
<tr>
<td>08</td>
<td>SET processing completed, but processing errors occurred.</td>
</tr>
<tr>
<td>12</td>
<td>SET processing stopped. These are some possible errors:</td>
</tr>
<tr>
<td></td>
<td>• SMP/E could not open the zone.</td>
</tr>
<tr>
<td></td>
<td>• You specified a zone that does not exist.</td>
</tr>
<tr>
<td>16</td>
<td>An I/O error occurred when SMP/E tried to open a zone. This caused SMP/E processing to stop.</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>UCLIN processing completed successfully.</td>
</tr>
<tr>
<td>04</td>
<td>UCLIN processing completed, but with unexpected results.</td>
</tr>
<tr>
<td></td>
<td>• SMP/E reached an end-of-file statement in SMPCNTL before it processed an ENDUCL command.</td>
</tr>
<tr>
<td></td>
<td>• No UCL statement followed the UCLIN command.</td>
</tr>
<tr>
<td>08</td>
<td>UCLIN processing completed, but processing errors occurred. These are some possible errors:</td>
</tr>
<tr>
<td></td>
<td>• At least one UCL statement contained a syntax error.</td>
</tr>
<tr>
<td></td>
<td>• At least one UCL statement does not meet conditions for update.</td>
</tr>
<tr>
<td>12</td>
<td>UCLIN processing stopped.</td>
</tr>
<tr>
<td></td>
<td>• The UCLIN command contained a syntax error.</td>
</tr>
<tr>
<td></td>
<td>• A previous command issued an unacceptable return code.</td>
</tr>
</tbody>
</table>
• 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 SMPCNTL 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.
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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>ZONERENAME processing completed successfully.</td>
</tr>
<tr>
<td>04</td>
<td>ZONERENAME processing completed, but with unexpected results. The renamed zone contained cross-zone subentries.</td>
</tr>
<tr>
<td>12</td>
<td>ZONERENAME processing stopped, but with unexpected results.</td>
</tr>
<tr>
<td></td>
<td>• There is no ZONEINDEX subentry for the old zone name.</td>
</tr>
<tr>
<td></td>
<td>• There is a ZONEINDEX subentry for the old zone name, but there is no zone definition entry.</td>
</tr>
<tr>
<td></td>
<td>• There is already a ZONEINDEX entry for the new zone name.</td>
</tr>
<tr>
<td></td>
<td>• The new zone already exists in the SMPCSI.</td>
</tr>
<tr>
<td></td>
<td>• SMP/E could not open the data set that contains the zone to be renamed.</td>
</tr>
<tr>
<td></td>
<td>• SMP/E could not rename the old zone name to the new zone name.</td>
</tr>
<tr>
<td></td>
<td>• The old zone name was the same as the new zone name.</td>
</tr>
<tr>
<td></td>
<td>• The ZONERENAME command specified mutually exclusive operands.</td>
</tr>
<tr>
<td></td>
<td>• GLOBAL was specified as either the new zone name or the old zone name.</td>
</tr>
<tr>
<td></td>
<td>• 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.</td>
</tr>
<tr>
<td></td>
<td>• A cross-zone subentry from the zone being renamed refers to the new zone name.</td>
</tr>
<tr>
<td>16</td>
<td>A severe error caused SMP/E processing to stop.</td>
</tr>
</tbody>
</table>

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, V3R5 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 336 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.
Is SMP/E the Problem?

For more information, visit http://www390.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 unloaded 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” and Chapter 2, “SMP/E return codes” 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.

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
Is SMP/E the Problem?

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, V3R5 must be initialized with the appropriate GIMZPOOL record.
- Run IBM SMP/E for z/OS, V3R5 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 GIMZ901S has been issued. If it has, you may want to use the VPLUNCT 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 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 SYMMD problems

Sometimes SMP/E cannot install a SYMMD because one of the SYMMD’s requisites is being held. You must handle that exception SYMMD before SMP/E can install the other SYMMD.

- If the SYMMD is held for a SYSTEM reason ID, list the associated HOLDDATA entry to see what action must be taken to install the SYMMD. 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 SYMMD is held for an ERROR reason ID, which is associated with a program error PTF (PE-PTF), check the ++HOLD comment and the authorized program analysis report (APAR) that describes the problem to see whether installing the SYMMD will cause any problems.
Is SMP/E the Problem?

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.

Notes:
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 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 $37 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 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” 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, SA22-7608, 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.
Handling SMP/E Problems

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:

<table>
<thead>
<tr>
<th>Return Code</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>SMP/E processing ran successfully and without errors. The severity code in associated SMP/E messages is I.</td>
</tr>
<tr>
<td>04</td>
<td>SMP/E processing ran, but warning messages were issued. The severity code in associated SMP/E messages is W.</td>
</tr>
<tr>
<td>08</td>
<td>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.</td>
</tr>
<tr>
<td>12</td>
<td>SMP/E processing stopped for at least one SMP/E command. The severity code in associated SMP/E messages is S.</td>
</tr>
<tr>
<td>16</td>
<td>SMP/E processing stopped because of a severe error. The severity code in associated SMP/E messages is T.</td>
</tr>
<tr>
<td>20</td>
<td>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 SMPOUT 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.</td>
</tr>
</tbody>
</table>

2. 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.

3. If an APPLY, ACCEPT, or RESTORE command completes with a return code greater than 4, first check the Cqueser SYSMOD Summary Report in SMPOUT to determine the root failures.

4. 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 Commands*.

5. Check the SYSPRINT data set for information about the success or failure of the system utility programs invoked by SMP/E commands.

6. 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:

   - 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 LIST command, see *SMP/E Commands*. 

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Handling SMP/E Problems

- 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 PMAX 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 PMAX value in the OPTIONS entry being used. Remember, however, that you may not be able to process SYSMODs that depend on the larger PMAX 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 RETRY operand, see the explanation of ACCEPT, APPLY, LINK, and RESTORE commands in **SMP/E Commands**. For guidelines on how to set up the desired retry processing, see **SMP/E 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.
Handling SMP/E Problems

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 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 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 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.

- 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.
Handling SMP/E Problems

**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 VPLFUNCTION value, which may be specified on the DEBUG DUMP RPL 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 333 and the [DEBUG command in SMP/E 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”](#) 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
Handling SMP/E Problems

X’0F’ Error code ====

For an explanation of the RPL return and error codes, see /OS DFSMS Macro Instructions for Data Sets.

4. 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 SMPCSI cluster to close the cluster and see if you receive any further VSAM error messages. This also helps prevent future problems with the SMPCSI. 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 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:

<table>
<thead>
<tr>
<th>Information about Your System</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product name</strong></td>
</tr>
<tr>
<td><strong>Component ID</strong></td>
</tr>
<tr>
<td><strong>Release</strong></td>
</tr>
<tr>
<td><strong>CBPDO level</strong></td>
</tr>
<tr>
<td><strong>PUTxxxx level</strong></td>
</tr>
<tr>
<td><strong>SMP/E service level</strong></td>
</tr>
</tbody>
</table>

- 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.
Reporting SMP/E Problems 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 GIM4320IT 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 344.
• **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 346.
• **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 346.
• **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 347.
• **Performance (PERFM):** SMP/E command processing takes an unexpectedly long
  time.
  For information about reporting performance problems, see “Reporting
  performance problems” on page 347.
• **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.
  - 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 348.

  **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.
**Reporting SMP/E Problems to IBM**

- **Dialogs (DIALOG):** An SMP/E dialog does not work as expected. For information about reporting dialog problems, see "Reporting dialog problems" on page 348.

**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, GA22-7589.

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 351 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.
Reporting SMP/E Problems to IBM

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 6.

6. For other abend codes, see [OS MVS System Codes] SA22-7626.

A complete list of abend codes can be found in [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 [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.

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 SMPCSIs 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” 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 355 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**

<table>
<thead>
<tr>
<th>Recommended documentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Documentation that led you to expect certain output</td>
</tr>
<tr>
<td>• Output that shows a discrepancy</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>Recommended documentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Record of the unexpected performance</td>
</tr>
<tr>
<td>• Record of performance under another level of SMP/E</td>
</tr>
</tbody>
</table>

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.

   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"].

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", SC34-4821]

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

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>SETTINGS - Configure settings for the SMP/E dialogs</td>
</tr>
<tr>
<td>1</td>
<td>ADMINISTRATION - Administer the SMPCSI contents</td>
</tr>
<tr>
<td>2</td>
<td>SYSMOD MANAGEMENT - Receive SYSMODs and HOLDDATA and install SYSMODs</td>
</tr>
<tr>
<td>3</td>
<td>QUERY - Display SMPCSI information</td>
</tr>
<tr>
<td>4</td>
<td>COMMAND GENERATION - Generate SMP/E commands</td>
</tr>
<tr>
<td>5</td>
<td>RECEIVE - Receive SYSMODs, HOLDDATA and support information</td>
</tr>
<tr>
<td>6</td>
<td>MIGRATION ASSISTANT- - Generate Planning and Migration Reports</td>
</tr>
<tr>
<td>7</td>
<td>ORDER MANAGEMENT - Manage ORDER entries in the GLOBAL zone</td>
</tr>
<tr>
<td>D</td>
<td>DESCRIBE - An overview of the dialogs</td>
</tr>
<tr>
<td>T</td>
<td>TUTORIAL - Details on using the dialogs</td>
</tr>
<tr>
<td>W</td>
<td>WHAT IS NEW - What is New in SMP/E</td>
</tr>
</tbody>
</table>

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
```

---

## Figure 1. SMP/E Primary Option Menu

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CSI QUERY - Display SMPCSI entries</td>
</tr>
<tr>
<td>2</td>
<td>CROSS-ZONE QUERY - Display status of an entry in all zones</td>
</tr>
<tr>
<td>3</td>
<td>SOURCEID QUERY - Display SOURCEIDs for specified zone</td>
</tr>
<tr>
<td>D</td>
<td>DESCRIBE - Overview of using QUERY</td>
</tr>
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To return to the SMP/E primary option menu, enter END.

---

# Reporting SMP/E Problems to IBM

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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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</tr>
</tbody>
</table>

To return to the SMP/E primary option menu, enter END.

---

## Figure 2. Query selection menu
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:**

<table>
<thead>
<tr>
<th>Panel</th>
<th>Data entered</th>
</tr>
</thead>
<tbody>
<tr>
<td>GIM@PRIM</td>
<td>Command line: 3 to select QUERY SMPCSI DATA SET: ‘DESCTEST.VSAM.CSI’ Generate DD statements: left as NO</td>
</tr>
<tr>
<td>GIMQUPO</td>
<td>Command line: 1 to select CSI QUERY</td>
</tr>
<tr>
<td>GIMQU1PO</td>
<td>ZONE NAME: global ENTRY TYPE: sysmod</td>
</tr>
<tr>
<td>GIMQUSEA</td>
<td>Line command: s to select SYSMOD entry F000000.</td>
</tr>
</tbody>
</table>

- **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.
Collecting Documentation for Problems

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 DUMPRLP 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” 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
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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 DUMPMMSG and DEBUG DUMPOFF DUMPMSG commands with the command where the problem is occurring. For the dump output, you must define the SMPSNAP data set with either a DD statement or a DDDEF entry.

- To request a dump of SMP/E storage and work areas, enter:

**DEBUG DUMPMSSG(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 DUMPMSSG.**

**DUMPOFF DUMPMSSG**

stops dumps for all messages that were specified on a previous DEBUG DUMPMSSG command. You cannot stop dumps for a particular message ID.

**Note:** DEBUG DUMPOFF without the DUMPMSSG operand stops all DEBUG dumps, including those requested with DEBUG DUMPMSSG 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 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 SMPDEBUG 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]...) .**

**vplfunct**

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]...) .**

**vplfunct**

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:
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**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 353. 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](https://www.ibm.com/support/knowledgecenter/en/ssw_aix_61/icc/preface/prpref_aix_61.html).

For more information on the `DEBUG` command, see [SMP/E Commands](https://www.ibm.com/support/knowledgecenter/en/ssw_aix_72/™/com.ibm.aix.72.1.0/icc/preface/prpref_aix_72.html).

**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 DDDEFF entry. For a SNAP dump, you must define the SMPSNAP data set with either a DD statement or a DDDEFF 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:
  ```bash
  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 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.

**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
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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

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.

z/OS information

z/OS information is accessible using screen readers with the BookServer/Library Server versions of z/OS books in the Internet library at:

http://www.ibm.com/systems/z/os/zos/bkserv/
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