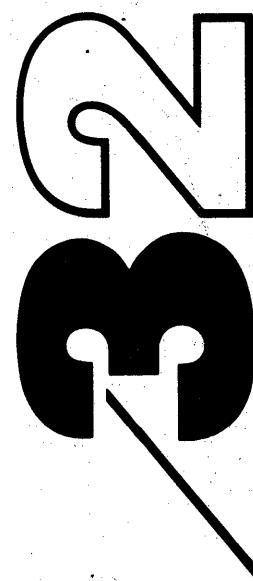


SYSTEM /32



IBM System/32 Displayed Messages Guide

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File No. S32 40

Program Numbers:

5725-SC1
5725-UT1
5725-AS1
5725-FO1
5725-RG1
5725-UT2

*IBM System/32
Displayed Messages
Operating Information*

Second Edition (November 1978)

This is a major revision of, and obsoletes, GC21-7704-0 and Technical Newsletters GN21-7948 and GN21-7938.

This edition applies to version 08, modification 00 of IBM System/32 (Program Number 5725-SC1); to version 08, modification 00 of the IBM System/32 Utilities Program Product (Program Number 5725-UT1); to version 08, modification 00 of IBM System/32 RPG II (Program Number 5725-RG1); to version 08, modification 00 of IBM System/32 Assembler and Macro Processor (Program Number 5725-AS1); to version 08, modification 00 of IBM System/32 FORTRAN IV (Program Number 5725-FO1); to version 08, modification 00 of IBM System/32 File Conversion Utility (Program Number 5725-UT2); and to all subsequent versions and modifications unless otherwise indicated in new editions or technical newsletters. Before using this publication in connection with the operation of the IBM System/32, refer to the *IBM System/32 Bibliography*, GC20-0032.

Use this publication only for the purposes stated in the *Preface*.

Publications are not stocked at the address below. Requests for copies of IBM publications and for technical information about the system should be made to your IBM representative or to the branch office serving your locality.

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The purpose of this guide is to help you identify IBM System/32 displayed messages, and tell you how to respond to them. This guide contains all System/32 messages that are displayed by the SCP (System Control Program), RPG II, Sort, DFU, SEU, FORTRAN IV, and other program products.

Displayed messages from the *IBM System/32 Messages Guide—System* (GC21-7592), *IBM System/32 Messages Guide—RPG II* (SC21-7617) and *IBM System/32 Messages Guide—Utilities Program Product*, (SC21-7618) are merged in this book. Printed, programmer, and auto report messages from those guides are in their respective reference manuals.

This guide is organized in the following manner:

- External tabs are provided for the separation of messages by program name.
- The most frequently used messages are toward the front of the guide.
- Each 4-digit message identification code (MIC) is prefixed with a program ID. For example: SCP-1234, RPG-2345, or FORT-3456. The program ID is the abbreviated name of the program associated with the message.

A glossary of the terms used in the System/32 displayed messages is in the back of this guide.

Related Publications

- *IBM System/32 System Control Programming Reference Manual*, GC21-7593
- *IBM System/32 RPG II Reference Manual*, SC21-7595
- *IBM System/32 Utilities Program Product Reference Manual—Sort*, SC21-7633
- *IBM System/32 Utilities Program Product Reference Manual—Data File Utility*, SC21-7600
- *IBM System/32 Utilities Program Product Reference Manual—Source Entry Utility*, SC21-7605
- *IBM System/32 1255 Magnetic Character Reader Reference and Logic Manual*, GC21-7692
- *IBM System/32 FORTRAN IV Reference Manual*, SC21-7682
- *IBM System/32 Basic Assembler and Macro Processor Reference Manual*, SC21-7673
- *IBM System/32 System Control Programming Macro-instructions Reference Manual*, GC21-5157
- *IBM System/32 System Control Programming Reference Manual—Word Processing*, GC34-0078
- *IBM System/32 Operator's Guide*, GC21-7591
- *IBM System/32 Data Areas and Diagnostic Aids*, SY21-0532

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Section 1. Introduction

This guide contains the messages that are *displayed* by the System/32. Messages that are printed are documented in the respective reference manuals. For example: Sort programmer messages are in the *IBM System/32 Utilities Program Product Reference Manual—Sort* (SC21-7633); and RPG II Auto Report messages are in the *IBM System/32 RPG II Reference Manual* (SC21-7595).

The messages in this guide are grouped by program type with the most frequently used groups of messages toward the front of the guide. Messages within each group are in ascending numeric order by MIC (Message Identification Code), and each MIC is prefixed by a program ID such as SCP-, RPG-, Sort-, DFU- etc. A glossary of terms used in the displayed messages is at the end of this guide.

Note: System services messages are included in the SCP section.

Each message description in this guide lists the probable cause of the message, provides operator information indicating possible operator errors and the correct response, and where necessary, provides an additional note that further identifies the error and describes how to avoid its recurrence.

RECOVERY PROCEDURES

The recovery procedures for each message depend upon the cause of the message. Therefore, each message description in this guide lists the most likely cause or causes of the message display.

If two possible causes are listed, you should determine which actually caused the message. For example, if the cause is listed as an operating or programming error, read the message description thoroughly. Also, refer to any relevant sections in your installation or program operating instructions. If you determine that the error is not the result of an operating error and that you cannot correct the condition using the information in the message description, perform the programming error recovery procedures. Figure 1 lists the meaning and general recovery procedures for each of the possible causes of messages.

Cause	General Meaning	Recovery Procedures
Operating error	An operating error caused this message. Typical operating errors are: <ul style="list-style-type: none"> ● Command statements or control statements entered incorrectly ● Incorrect diskette inserted ● Wrong disk or diskette file specified for job ● Programs executed out of sequence 	Perform the actions indicated in the message description. If you must cancel the job, rerun the job correctly.
Programming error	An error exists in the program being run.	<ol style="list-style-type: none"> 1. Record the message number. 2. Perform any actions indicated in the program operating instructions. 3. Perform the actions indicated in the message description. 4. Notify the person responsible for the program.
Disk and diskette errors	An error occurred while the system was reading from or writing on the disk or a diskette.	<ol style="list-style-type: none"> 1. Perform the actions indicated in the message description. 2. If disk errors occur often, notify your IBM customer engineer. 3. If diskette errors occur often on a particular diskette, use the COPY11 procedure to save copies of all required files on the diskette; then use the INIT procedure to initialize the diskette. If the error persists, the diskette is defective and should be replaced. For further information about the COPY11 and INIT procedures, see the <i>IBM System/32 System Control Programming Reference Manual</i>, GC21-7593. 4. If diskette errors occur often on any diskette, notify your IBM customer engineer.
Machine error	A machine error (hardware error) occurred.	<ol style="list-style-type: none"> 1. Perform the action indicated in the message description. 2. If a machine error occurs often, notify your IBM customer engineer.
System programming error	An error exists in one of the system programs.	<ol style="list-style-type: none"> 1. Record the message number. 2. Perform the action indicated in the message description. 3. Rerun the job. 4. If the error recurs, perform the action indicated in the message description; then insert an empty diskette and run the APAR procedure. For further information about the APAR procedure, see the <i>IBM System/32 System Control Programming Reference Manual</i>, GC21-7593. Notify IBM for program support services.
Informational	Informational messages are not the result of error conditions.	Perform the actions indicated in the message description.

Figure 1 (Part 1 of 2). Recovery Procedures

Cause	General Meaning	Recovery Procedures
Communications equipment error	A communications equipment error caused this message. Typical communications equipment errors are: <ul style="list-style-type: none"> ● Poor or lost line connections ● Integrated modem failure ● External modem failure 	Perform the actions indicated in the message description. If a communications equipment error occurs often, notify the person responsible for the maintenance of your communications equipment or lines.
Magnetic card and mag card unit error	An error occurred while the system was reading from or writing on a magnetic card.	<ol style="list-style-type: none"> 1. Perform the actions indicated in the message description. 2. If unrecoverable errors occur in the mag card unit, notify your IBM customer engineer. 3. If magnetic card errors occur often on a particular magnetic card, the card is defective and should be replaced. 4. If card jams occur often, notify your IBM customer engineer. 5. If track position errors persist, notify your IBM customer engineer.

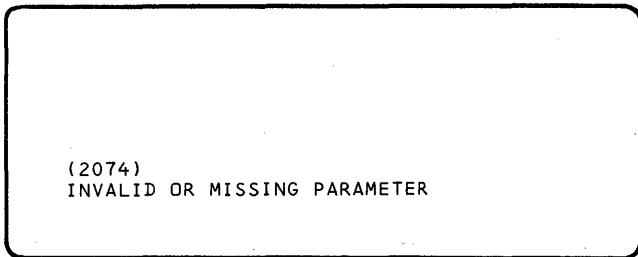
Figure 1 (Part 2 of 2). Recovery Procedures

TYPES OF MESSAGE DISPLAYS

The messages described in this guide appear on the display screen as either unformatted or formatted messages.

Unformatted Messages

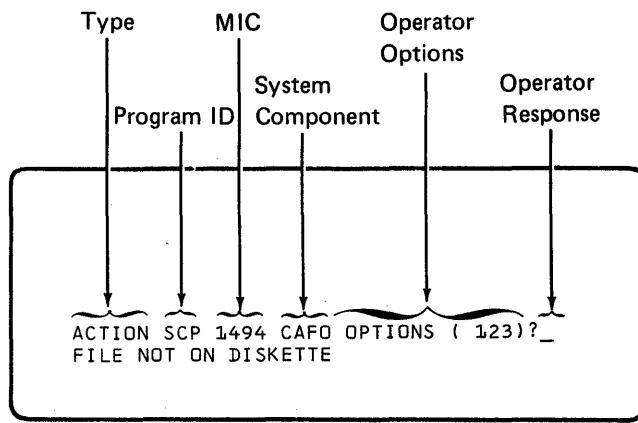
The only unformatted messages described in this guide are issued by SCP or FCU. Only the MIC (message identification code) and the message text appear. A typical unformatted message display is:



The required operator action is discussed in the description of each unformatted message.

Formatted Messages

A typical formatted message display is:



The format line (the first line of this display) provides the following information:

1. *Type of message:* ACTION indicates an operator response is required for this message.
2. *Program ID:* This field contains the abbreviated name of the program associated with the message. For messages described in this guide, the field contains the term SCP, RPG, SORT, DFU, SEU, ASM, FORT, or FCU.
3. *MIC (message identification code):* The MIC is a four-digit number that identifies the message.
4. *System component:* The information in this field is helpful to your IBM programming representative. Generally, the field contains from one to four characters that identify the component and, in most cases, the module that issued the message.

Note: For RPG II operator messages, the first character in this field is an R. The second character is a blank or a digit (1 through 9). When a digit follows the R, it indicates the sequence number of the RPG II file associated with the message. If a file is associated with the message and no digit follows the R, the file has a sequence number greater than 9.

5. *Operator options:* This field lists the options available. You must enter a number corresponding to one of the options (0, 1, 2, or 3) or the letter D in the operator response field before the system can resume processing. All of the options listed in a message description in this guide are not necessarily available every time the message is issued. The options that are available are displayed.

A footnote at the bottom of each right page in the message guide gives a brief explanation of each option and cautions the operator about the results associated with the option. Where necessary, additional information is provided in the message description. Keep in mind that data might be changed or destroyed by the option you select.

Generally, if you select option 0 or 1, the job continues. However, data used by the job might be changed or destroyed. Therefore, refer to the message description in this guide before selecting either option 0 or 1. A corrective action is often required before you select option 1.

Generally, if you select option 2 or 3, the job is canceled. If you select option 2, any data already created by this job is preserved. If you select option 3:

- The number of lines in a form is reset to the value set during the initial program load procedure.
- The printer skips to the next page. (You should reset the printer forms.)
- No new data is preserved.

If option 2 or 3 is selected during an application program, refer to the application operating procedures for more information.

Option D is also available whenever a formatted message is issued. When you select option D, the contents of main storage are dumped to an area on disk called the CE cylinder, and the system actions described for option 3 occur. Message 0016 is then displayed. The next time you select the D option, the data saved on the CE cylinder is overwritten. Therefore, after you select option D, you must save the CE cylinder information on a diskette using the APAR service command statement.

Generally, select option D only if advised in the message guide or in the program operating instructions.

If you select an option that is not valid for the displayed message, the following message is displayed:

YOU GAVE AN INVALID RESPONSE TO THE HALT MESSAGE DISPLAYED ON THE SCREEN. DEPRESS THE ENTER KEY TO RETURN TO THE PREVIOUS DISPLAY, THEN SELECT A CORRECT RESPONSE.

6. *Operator response.* When a formatted message display appears on the display screen, the cursor is positioned at the operator response field. After deciding which option to select, key the number corresponding to that option into the operator response field; then press ENTER. (The number can be entered from either set of numeric keys.)

The second line of a formatted message display contains the message text. If the first level message member is not defined, or if there is no message with the required MIC, MESSAGE NOT RETRIEVED appears.

When a formatted message display appears, you can press ENTER to display the second level message (between one and five lines that further describe the error). If no second level message exists, the following message is displayed:

NO LEVEL 2 MESSAGE WAS FOUND FOR THE
LEVEL 1 MESSAGE BEING DISPLAYED. TO
RETURN TO THE LEVEL 1 DISPLAY DEPRESS
THE ENTER KEY.

Note: If you are using RPG II telecommunications, the following restrictions apply to formatted messages:

- The invalid response message is not displayed when an invalid response is made to a message. Instead, two question marks (??) appear in the operator response position. To recover from an invalid response, press the cursor left key (\leftarrow) and enter a valid response.
- ENTER is an invalid response to a message.
- No level 2 messages are displayed.
- Formatted messages are logged to the history file.

Section 2. SCP Displayed Messages

This section contains displayed messages issued by the SCP (System Control Program). New messages related to Overlay Linkage Editor (OLE), 1255 Reader/Sorter, and Word Processing Communications Utility (WPCU) have been added to this section. All messages in this section are prefixed with a program ID of SCP.

SCP-0000 ABNORMAL CONDITION--DUMP TAKEN

Cause: System programming error.

Operator: Select option 3.

Note: An attempt was made to load a module from the transient area. Only a fetch operation can be done from the transient area.

SCP-0001 ABNORMAL CONDITION--DUMP TAKEN

Cause: System programming error.

Operator: Select option 3.

Note: An attempt was made to load a module at an address below the start of the user area (X'800').

SCP-0002 ABNORMAL CONDITION--DUMP TAKEN

Cause: System programming error.

Operator: Select option 3.

Note: An attempt was made to relocate a module that was assembled without RLDs.

SCP-0003 ABNORMAL CONDITION--DUMP TAKEN

Cause: Operating or system programming error.

Operator: If an unformatted message with a message identification code of 0003 appears during initial program load (IPL), one of the following errors was detected:

- If the initial program load is from diskette, the wrong diskette is inserted.
- If the initial program load is from disk, the IPL switch on the CE panel is in the wrong position. (All switches on the CE panel should be down.)

After correcting the error condition, retry the initial program load procedure.

If message 0003 appears at any time other than during the initial program load procedure, a system programming error was detected. Select option 3.

Note: If this message is the result of a system programming error, an SVC instruction was not issued within the first 256 bytes of main storage.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-0004 ABNORMAL CONDITION--DUMP TAKEN

Cause: System programming error.

Operator: Select option 3.

Note: Not enough space exists in the disk push save area for the requested push.

SCP-0005 ABNORMAL CONDITION--DUMP TAKEN

Cause: System programming error.

Operator: Select option 3.

Note: More than five push requests were issued with no pull requests.

SCP-0006 ABNORMAL CONDITION--DUMP TAKEN

Cause: System programming error.

Operator: Select option 3.

Note: A pull request was issued, but no entries exist in the push stack.

SCP-0007 ABNORMAL CONDITION--DUMP TAKEN

Cause: System programming error.

Operator: Select option 3.

Note: An attempt was made to place more than 14 entries in the register save stack.

SCP-0008 ABNORMAL CONDITION--DUMP TAKEN

Cause: System programming error.

Operator: Select option 3.

Note: An attempt was made to remove an entry from the register save stack, but there was no entry in the stack.

SCP-0009 ABNORMAL CONDITION--DUMP TAKEN

Cause: System programming error.

Operator: Select option 3.

Note: An attempt was made to store an entry in the register save stack, but the displacement specified was greater than seven.

SCP-0010 ABNORMAL CONDITION--DUMP TAKEN

Cause: System programming error.

Operator: Select option 3.

Note: An invalid Q code was in the IOB, or a main storage disk operation requested a control storage operation.

SCP-0011 ABNORMAL CONDITION--DUMP TAKEN

Cause: Operating or machine error.

Operator: If an unformatted message with a message identification code of 0011 appears during initial program load (IPL), one of the following errors was detected:

- The diskette door is open.
- The diskette is inserted incorrectly, or no diskette is mounted.
- The IPL switch on the CE panel is in the wrong position. (If the initial program load is from disk, all switches on the CE panel should be down.)
- A disk or diskette error occurred.

After correcting the error condition, retry the initial program load procedure.

If message 0011 appears at any time other than during the initial program load procedure, a disk or diskette error occurred. Select option 3.

Note: If this error occurred as the result of a disk error, run the BUILD procedure before rerunning the job. For further information about the BUILD procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

If this error persists, notify your IBM customer engineer.

SCP-0012 ABNORMAL CONDITION--DUMP TAKEN

Cause: Machine error.

Operator: Select option 3; then rerun the job. If the error recurs, notify your IBM customer engineer.

Note: A disk operation was started, but no interrupt occurred within two seconds.

SCP-0013 ABNORMAL CONDITION--DUMP TAKEN

Cause: Operating or system programming error.

Operator: If an unformatted message with a message identification code of 0013 appears during initial program load (IPL), one of the following errors was detected:

- If the initial program load is from diskette, the wrong diskette is inserted.
- If the initial program load is from disk, the IPL switch on the CE panel is in the wrong position. (All switches on the CE panel should be down.)

After correcting the error condition, retry the initial program load procedure.

If message 0013 appears at any time other than during the initial program load procedure, a system programming error was detected.

If you have the Control Storage Increment feature on your system, the message may have been issued either because you tried to execute a function that was not allocated or, an XFER instruction was attempted where the Q-byte was 00 and the R-byte was neither 00 nor 01. Select option 3.

Note: If this message is the result of a system programming error, an instruction has an invalid Q or R code.

-
- | | |
|------------------|---|
| Option 0: | Continue the job. The OCL statement in error is ignored. |
| Option 1: | Retry the operation and continue the job. |
| Option 2: | Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed. |
| Option 3: | Immediate cancel. New data created for this job is not preserved. See the discussion of <i>Formatted Messages</i> in section 1. |
| Option D: | Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of <i>Formatted Messages</i> , in section 1, for an explanation of option D. |

SCP-0014 ABNORMAL CONDITION--DUMP TAKEN

Cause: Operating or system programming error.

Operator: If an unformatted message with a message identification code of 0014 appears during initial program load (IPL), one of the following errors was detected:

- If the initial program load is from diskette, the wrong diskette is inserted.
- If the initial program load is from disk, the IPL switch on the CE panel is in the wrong position.
(All switches on the CE panel should be down.)

After correcting the error condition, retry the initial program load procedure.

If message 0014 appears at any time other than during the initial program load procedure, a system programming error was detected. Select option 3.

Note: If this message is the result of a system programming error, an instruction has an invalid operand address.

SCP-0015 ABNORMAL CONDITION--DUMP TAKEN

Cause: Operating or system programming error.

Operator: If an unformatted message with a message identification code of 0015 appears during initial program load (IPL), one of the following errors was detected:

- If the initial program load is from diskette, the wrong diskette is inserted.
- If the initial program load is from disk, the IPL switch on the CE panel is in the wrong position.
(All switches on the CE panel should be down.)

After correcting the error condition, retry the initial program load procedure.

If message 0015 appears at any time other than during the IPL procedure, a system programming error was detected.

If you have the Control Storage Increment feature on your system, the message could have been issued for any of the following reasons:

- You tried to allocate a function which has already been allocated and has not been reset.
- Allocation of a function is not possible due to lack of control storage increment space.
- You tried to allocate or reset the ECS (Extended Control Storage) supervisor (first byte in the in-line parameter list is 00).
- You tried to allocate or reset an invalid function.
(First byte in the in-line parameter list is 02-FF.)
- You tried to reset a function that was not allocated.

Select option 3.

Note: If this message is the result of a system programming error, an instruction has an invalid op code or operation.

SCP-0016 ABNORMAL CONDITION--DUMP TAKEN

Cause: Usually an informational message.

Operator: If this message appears at any time other than during the initial program load procedure, a request was made to dump main storage and terminate the job. The dump request can be the result of: (1) pressing RESET and CE START, (2) selecting option D in response to a formatted message display, or (3) a dump request issued by the executing program. Select option 3.

If an unformatted message with a message identification code of 0016 appears during initial program load, one of the following errors was detected:

- If the initial program load is from diskette, the wrong diskette is inserted.
- If the initial program load is from disk, the IPL switch on the CE panel is in the wrong position.
(All switches on the CE panel should be down.)

After correcting the error condition, retry the initial program load procedure.

Note: The executing program can issue a dump request by branching to main storage location zero.

SCP-0017 ABNORMAL CONDITION--DUMP TAKEN

Cause: System programming error.

Operator: Select option 3.

Note: A request was made to load a control storage transient, but the transient does not exist.

SCP-0018 ABNORMAL CONDITION--DUMP TAKEN

Cause: Machine error.

Operator: This message indicates a machine error (machine check). Select option 3; then rerun the job. If the error recurs, notify your IBM customer engineer.

If an unformatted message with a message identification code of 0018 appears during initial program load, notify your IBM customer engineer.

SCP-0019 ERROR

Cause: Machine error.

Operator: One or more system errors occurred during initial program load. Record the contents of line 1 of the display screen; then see the discussion of problem determination in the *IBM System/32 Operator's Guide*, GC21-7591.

Note: One or more system errors occurred during initial program load. From one to five 4-character values can appear on line 1 of the display screen. The first two characters of each of these values indicate the area in which the error occurred:

- A0 Disk
- D0 Diskette
- E0 Printer
- O1 Processor
- 10 Keyboard
- 40 Display screen

The third and fourth characters indicate the type of error.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-0020 PERM I/O ERROR--INVALID IOB Q AND R BYTES

Cause: System programming error.

Operator: Select option D.

Note: An error involving a disk operation occurred during job processing, but the error did not occur during a read or write operation. (The Q and R bytes in the IOB indicate what kind of operation was being performed.) Therefore, no alternate sector was assigned. An alternate sector can only be assigned if a disk error is detected during a read or write operation.

SCP-0021 PERM I/O ERROR--INVALID IOB SENSE BYTES

Cause: System programming error.

Operator: Select option D.

Note: An error involving a disk operation occurred during job processing, but the sense byte in the IOB was not CRC, SECTOR SYNC or NRF. Therefore, no alternate sector was assigned.

SCP-0022 PERM I/O ERROR--INVALID CCHS VALUE

Cause: System programming error.

Operator: Select option D.

Note: The alternate sector assignment routine was called because a disk error occurred during job processing, but the CCHS value in the IOB addressed a sector for which an alternate sector could not be assigned.

SCP-0023 PERM I/O ERROR--NO ALT SECTORS AVAILABLE

Cause: Machine error.

Operator: Select option 3; then notify your IBM customer engineer.

Note: No alternate sectors are available on the disk.

SCP-0024 PERM I/O ERROR--MACHINE FAILURE

Cause: Machine error.

Operator: Select option 3; then notify your IBM customer engineer.

Note: An alternate sector ID could not be written on a defective disk sector.

SCP-0025 PERM I/O ERROR--RUN BUILD

Cause: Disk error.

Operator: An error is on the disk. Select option 3. Run the BUILD procedure before rerunning the job. (See note.)

Note: An attempt was made to read an alternate sector, but the bad data indicator was still on. After an alternate sector is assigned, run the BUILD procedure to turn off the bad data indicator. For further information about the BUILD procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-0033 SYSTEM ERROR--SEE SCP MESSAGES

Cause: Machine, operating, programming or system programming error.

Operator: Control storage abnormal termination has detected either a system or hardware error and cannot continue. A process check is forced after the message is issued. Notify IBM for programming support or notify your IBM customer engineer.

Note: No dump can be taken.

SCP-0040 SYSTEM ERROR--SEE SCP MESSAGES

Cause: Machine error.

Operator: Notify your IBM customer engineer immediately. Do not attempt any other actions because diagnostic information will be lost.

Note: A disk error occurred when the alternate sector assignment routine attempted to read the sectors before, after, and opposite a bad sector.

SCP-0041 SYSTEM ERROR--SEE SCP MESSAGES

Cause: Machine error.

Operator: Notify your IBM customer engineer immediately. Do not attempt any other actions because diagnostic information will be lost.

Note: A disk error occurred when the alternate sector assignment routine attempted to read a sector ID on the alternate sector cylinder.

SCP-0042 SYSTEM ERROR--SEE SCP MESSAGES

Cause: Machine error.

Operator: Notify your IBM customer engineer immediately. Do not attempt any other actions because diagnostic information will be lost.

Note: A disk error occurred when the alternate sector assignment routine attempted to write a sector ID on the alternate sector cylinder.

SCP-0043 SYSTEM ERROR--SEE SCP MESSAGES

Cause: Machine error.

Operator: Notify your IBM customer engineer immediately. Do not attempt any other actions because diagnostic information will be lost.

Note: A disk error occurred when the alternate sector assignment routine attempted to write data on the alternate sector cylinder.

SCP-0044 SYSTEM ERROR--SEE SCP MESSAGES

Cause: Machine error.

Operator: Notify your IBM customer engineer immediately. Do not attempt any other actions because diagnostic information will be lost.

Note: A disk error occurred when the alternate sector assignment routine attempted to write the sector ID on the defective sector.

SCP-0045 SYSTEM ERROR--SEE SCP MESSAGES

Cause: Machine error.

Operator: Notify your IBM customer engineer immediately. Do not attempt any other actions because diagnostic information will be lost.

Note: A disk error occurred when the alternate sector assignment routine attempted to write the sector ID on the defective sector (fast sync extend option enabled).

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-0050 ALT SECTOR ASSIGNED IN DATA AREA

Cause: Informational message.

Operator: An alternate sector was assigned for a disk sector that contains an error. If you selected option 2 or 3 for a previous message in this job, select the same option now.

Note: A disk error was detected in a data area sector, and an alternate sector was assigned. Run the BUILD procedure so the alternate sector can be read. For further information about the BUILD procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-0051 ALT SECTOR ASSIGNED IN LIBRARY

Cause: Informational message.

Operator: An alternate sector was assigned for a library disk sector that contains an error. If you selected option 2 or 3 for a previous message in this job, select the same option now.

Note: A disk error was detected in a library sector, and an alternate sector was assigned. Run the BUILD procedure or reload the library so the alternate sector can be read. For further information about the BUILD procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1000 PROGRAM ERROR--CALL YOUR IBM REP

Cause: System programming error.

Operator: Select option D.

SCP-1033 LOG--INVALID CONTINUATION

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // LOG statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: A // LOG statement ended with a comma. A // LOG statement cannot be continued.

SCP-1034 LOG--INVALID SECOND PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, the // LOG statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: An incorrect second parameter was specified. The only valid second parameter in the // LOG statement is EJECT or NOEJECT.

SCP-1075 DATE--INCORRECT PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, the // DATE statement is incorrect. Select option 2 or 3.

If you entered a // DATE statement immediately after initial program load (IPL), select option 0 or 3.

Note: An incorrect date parameter was specified in a // DATE statement. Two possible errors are:

- Letters were specified instead of numbers (30JU74 instead of 300674).
- Too few or too many digits were specified (30674 instead of 300674).

-
- Option 0:** Continue the job. The OCL statement in error is ignored.
Option 1: Retry the operation and continue the job.
Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.
Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1076 DATE--PARAMETER MISSING

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // DATE statement is incorrect. Select option 0, 2, or 3.

Note: The date parameter was not specified in a // DATE statement. The date parameter must be specified.

SCP-1077 SYSTEM DATE ALREADY SPECIFIED

Cause: Operating error.

Operator: You entered a second // DATE statement or DATE command statement during the initial program load (IPL) procedure. The // DATE statement or DATE command statement can be entered only once during the initial program load procedure. Select option 0, 1, or 3; then enter another statement.

Note: To change the system date, IPL the system again, or use the SET procedure. For further information about the SET procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1078 TWO DATE STATEMENTS IN JOB

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, two // DATE statements were entered for this job. Selection option 2 or 3.

Note: Two // DATE statements were specified for this job.

SCP-1079 DATE STATEMENT BETWEEN JOBS

Cause: Operating error.

Operator: A // DATE statement or DATE command was entered between jobs. Select option 0 or 3; then enter another statement.

Note: To change the system date, IPL the system again, or use the SET procedure. For further information about the SET procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1080 LOG--PARAMETER MISSING

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // LOG statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: No parameter was specified in a // LOG statement. The valid first parameters are:

CRT: Use the display screen as the system log device.

PRINTER: Use the display screen and the printer as the system log devices. If BSCA is active, the display screen is the only log device used.

The valid second parameters are:

EJECT: Skip to line 1 of the next page at end of job. Eject is assumed if no second parameter is specified.

NOEJECT: Do not skip to line 1 of the next page at end of job.

SCP-1081 LOG--INVALID FIRST PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // LOG statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: An invalid first parameter was specified in a // LOG statement. The valid first parameters are:

CRT: Use the display screen as the system log device.

PRINTER: Use the display screen and the printer as the system log devices.

SCP-1082 LAST STMT IGNORED--PREVIOUS OCL ERRORS

Cause: Informational message.

Operator: An OCL statement was ignored because there were previous OCL errors in this job. Select option 2 or 3.

SCP-1083 LOAD--MORE THAN ONE PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // LOAD statement is incorrect. Select option 2 or 3.

Note: More than one parameter was specified in the // LOAD statement. The program name is the only valid parameter.

SCP-1084 LOAD--PROGRAM NAME PARAMETER MISSING

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // LOAD statement is incorrect. Select option 2 or 3.

Note: The program name parameter was not specified in a // LOAD statement. The program name parameter is required.

SCP-1085 LOAD--1ST CHAR OF PROGRAM NAME INVALID

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, the // LOAD statement is incorrect. Select option 2 or 3.

Note: An invalid first character was specified in the program name parameter of a // LOAD statement. The first character of a program name must be alphabetic (A through Z, @, #, or \$).

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1086 LOAD--INVALID CHAR IN PROGRAM NAME

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, the // LOAD statement is incorrect. Select option 2 or 3.

Note: An invalid character was specified in the program name parameter of a // LOAD statement. A program name cannot contain a quote, comma, or blank.

SCP-1087 LOAD--PROGRAM NAME EXCEEDS 8 CHAR

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // LOAD statement is incorrect. Select option 2 or 3.

Note: The program name parameter entered in a // LOAD statement contained more than eight characters. A program name cannot contain more than eight characters.

SCP-1088 TWO LOAD STATEMENTS IN JOB

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, two // LOAD statements were entered for this job. Select option 3.

Note: A // LOAD statement was specified before the // RUN statement for the first // LOAD statement. A program cannot be loaded until the previously loaded program has terminated.

SCP-1090 TWO SWITCH STATEMENTS IN JOB

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, two // SWITCH statements were entered for this job. Select option 2 or 3.

Note: Two // SWITCH statements were specified for this job. Only one // SWITCH statement can be between the // LOAD and // RUN statements.

SCP-1091 SWITCH--PARAMETER HAS MORE THAN 8 CHARS

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // SWITCH statement is incorrect. Select option 2 or 3.

Note: An indicator-settings parameter that contains more than eight characters was specified in a // SWITCH statement. The indicator-settings parameter must contain exactly eight characters, one for each of the external indicators (U1 through U8).

SCP-1092 SWITCH--PARAMETER HAS LESS THAN 8 CHARS

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, the // SWITCH statement is incorrect. Select option 2 or 3.

Note: An indicator-settings parameter that contains less than eight characters was specified in a // SWITCH statement. The indicator-settings parameter must contain exactly eight characters, one for each of the external indicators (U1 through U8).

SCP-1093 SWITCH--CHAR OTHER THAN 0, 1 or X

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, the // SWITCH statement is incorrect. Select option 2 or 3.

Note: An invalid character was specified in the indicator-settings parameter of the // SWITCH statement. The only valid characters are:

- 0 - Set the indicator off.
- 1 - Set the indicator on.
- X - Leave the indicator as is.

SCP-1094 SWITCH--NO PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // SWITCH statement is incorrect. Select option 2 or 3.

Note: No parameter was specified in the // SWITCH statement. An eight-character indicator-settings parameter is required.

SCP-1125 FILE--ABNORMAL END OF STMT

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 2 or 3.

Note: An incomplete // FILE statement was specified. Always specify the parameter portion of a keyword parameter.

SCP-1126 FILE--DUPLICATE KEYWORD

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 2 or 3.

Note: The same keyword was used more than once in a // FILE statement. A specific keyword can appear only once in a statement.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1127 FILE--NO PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 2 or 3.

Note: No parameters were specified in a // FILE statement. The valid parameters for a disk file are:

NAME: Filename (in program)
UNIT: Code parameter (F1 or not specified for disk)
LABEL: Filename (on the disk)
RECORDS: Number of records
BLOCKS: Number of blocks
LOCATION: Block number
RETAIN: Code parameter (S, T, or P)
DATE: Date

The valid parameters for a diskette file are:

NAME: Filename (in program)
UNIT: Code parameter (I1 for a diskette file)
LABEL: Filename (on the diskette)
PACK: Volume ID
RETAIN: Number of days (0 through 999)
DATE: Date

SCP-1128 FILE--INCORRECT PUNCTUATION

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 2 or 3.

Note: A // FILE statement was not punctuated correctly. A punctuation symbol might be in the middle of the parameter portion of a keyword parameter.

SCP-1129 FILE--INVALID KEYWORD

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect.

Note: An invalid keyword was specified in a // FILE statement. The only valid keywords are:

NAME: Filename (in program)
LABEL: Filename (on disk or diskette)
RECORDS: Number of records (disk file only)
BLOCKS: Number of blocks (disk file only)
LOCATION: Block number (disk file only)
RETAIN: Retention attribute (S, T, or P for a disk file, number of days for a diskette file)
PACK: Volume ID (diskette file only)
DATE: Date
UNIT: Code parameter (F1 for disk file, I1 for a diskette file)

SCP-1130 TOO MANY FILE STMTS--NO WORK SPACE LEFT

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, too many // FILE statements were entered. Select option 2 or 3.

Note: The data from the // FILE statements for this job filled the work area. Try to reduce the number of // FILE statements in the job. Also, eliminate any unnecessary keyword parameters in the // FILE statements.

SCP-1131 FILE--INVALID NAME PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 2 or 3.

Note: An invalid NAME parameter was specified in a // FILE statement. A filename can contain any combination of characters (numeric, alphabetic, and special) except commas, periods, single quotes, blanks, question marks, slashes, and hyphens. The first character must be alphabetic (A through Z, @, #, or \$), and the number of characters must not exceed eight.

SCP-1132 FILE--INVALID LABEL PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 2 or 3.

Note: An invalid LABEL parameter was specified in a // FILE statement. A filename can contain any combination of characters (numeric, alphabetic, and special) except commas, periods, single quotes, blanks, question marks, slashes, and hyphens. The first character must be alphabetic (A through Z, @, #, or \$), and the number of characters must not exceed eight.

SCP-1133 FILE--INVALID DATE PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 2 or 3.

Note: An invalid date parameter was specified in a // FILE statement. Two possible errors are:

- Letters were specified instead of numbers (30JU74 instead of 300674).
- Two few or too many digits were specified (30674 instead of 300674).

SCP-1134 FILE--INVALID RETAIN PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 2 or 3.

Note: An invalid RETAIN parameter was specified in a // FILE statement. The only valid RETAIN parameters for a disk file are:

- S - Scratch file
- T - Temporary file
- P - Permanent file

The RETAIN parameter for a diskette file is a number from 0 through 999. (Zero through 998 indicate a temporary file, 999 indicates a permanent file.)

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1135 FILE--INVALID UNIT PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 2 or 3.

Note: An invalid UNIT parameter was specified in a // FILE statement. The only valid UNIT parameters are:

- F1 - Disk file
- I1 - Diskette file

SCP-1136 FILE--INVALID LOCATION PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 2 or 3.

Note: An invalid LOCATION parameter was specified in a // FILE statement. The LOCATION parameter specifies the number of the block on which the file begins. Use the parameter only for disk files. The specified location must be larger than the last block occupied by the system library, #LIBRARY, and must be less than the last block on the disk. Use the CATALOG procedure (CATALOG ALL, F1) to determine where space is available on the disk.

SCP-1137 FILE--INVALID RECORDS PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 2 or 3.

Note: An invalid RECORDS parameter was specified in a // FILE statement. The RECORDS parameter specifies the minimum number of records in a file, and cannot be longer than six digits.

SCP-1138 FILE--INVALID BLOCKS PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 3.

Note: An invalid BLOCKS parameter was specified in a // FILE statement. The BLOCKS parameter specifies the number of blocks needed for a file. It must not be greater than the last block on the disk.

SCP-1139 FILE STATEMENT BETWEEN JOBS

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is out of sequence. Select option 0 to continue. The // FILE statement is ignored. Otherwise, select option 3 to cancel the job.

Note: A // FILE statement was specified between jobs. A // FILE statement can only be specified between // LOAD and // RUN statements.

SCP-1140 FILE--MISSING NAME PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 2 or 3.

Note: The NAME parameter was not specified in a // FILE statement. NAME indicates the filename used in the program.

SCP-1141 FILE--BOTH BLOCKS AND RECORDS SPECIFIED

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 2 or 3.

Note: Both the BLOCKS and RECORDS parameters were specified in a // FILE statement. Use either but not both.

SCP-1142 FILE--RD RETAIN PARAM ON FD STMT

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 2 or 3.

Note: A number was specified as the RETAIN parameter in a // FILE statement that specified a disk file (UNIT-F1 or UNIT not specified). The valid RETAIN parameters for a disk file are:

S - Scratch file
T - Temporary file
P - Permanent file

If you want to specify a diskette file, specify UNIT-I1.

SCP-1144 FILE--FD RETAIN PARAM ON RD STMT

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 2 or 3.

Note: S, T, or P was specified as the RETAIN parameter in a // FILE statement that specified a diskette file (UNIT-I1). The RETAIN parameter for a diskette file must be a number from 0 through 999.

If you want to specify a disk file, specify UNIT-F1.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1145 FILE--FD PARAMETERS ON RD STMT

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 2 or 3.

Note: A parameter that can only be used for a disk file was specified in a // FILE statement that specified a diskette file (UNIT-I1). Do not use RECORDS, BLOCKS, or LOCATION parameters for a diskette file.

SCP-1146 COMPILE--ABNORMAL END OF STMT

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // COMPILE statement is incorrect. Select option 2 or 3.

Note: A // COMPILE statement was not terminated correctly. Make sure you specified the parameter portion of the SOURCE keyword.

SCP-1147 COMPILE--DUPLICATE KEYWORD

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error, select option 3.

If you are entering OCL statements from the keyboard, a // COMPILE statement is incorrect. Select option 2 or 3.

Note: The same keyword was used more than once in a // COMPILE statement. The only valid keyword is SOURCE.

SCP-1148 COMPILE--NO PARAMETER SPECIFIED

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // COMPILE statement is incorrect. Select option 2 or 3.

Note: No parameters were specified in a // COMPILE statement. The only valid parameter is the SOURCE parameter, which specifies the name of the source member to be compiled as a source program.

SCP-1149 COMPILE--INCORRECT PUNCTUATION

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // COMPILE statement is incorrect. Select option 2 or 3.

Note: A // COMPILE statement was specified that contained a syntax or punctuation error.

SCP-1150 COMPILE--INVALID KEYWORD

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // COMPILE statement is incorrect. Select option 2 or 3.

Note: An invalid keyword was specified in a // COMPILE statement. The only valid keyword is SOURCE, which specifies the name of the source member to be compiled as a source program.

SCP-1152 COMPILE--SOURCE NAME MORE THAN 8 CHAR

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // COMPILE statement is incorrect. Select option 2 or 3.

Note: The SOURCE parameter specified in a // COMPILE statement contains more than eight characters. A source member name cannot contain more than eight characters.

SCP-1151 COMPILE--INVALID CHAR IN SOURCE NAME

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // COMPILE statement is incorrect. Select option 2 or 3.

Note: An invalid character was specified in the SOURCE parameter of // COMPILE statement. A source member name can contain any characters except commas, quotes, or blanks. The first character must be alphabetic (A through Z, @, #, or \$).

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1153 COMPILE--INVALID SOURCE PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // COMPILE statement is incorrect. Select option 2 or 3.

Note: A quote is in the source parameter.

SCP-1154 TWO COMPILE STATEMENTS IN JOB

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, two // COMPILE statements were entered for one job. Select option 2 or 3.

Note: Two // COMPILE statements were specified for this job. Only one // COMPILE statement can be entered during a job.

SCP-1155 COMPILE STATEMENT BETWEEN JOBS

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // COMPILE is out of sequence. Select option 0; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: A // COMPILE statement was specified between jobs. If a // COMPILE statement is used, it must appear between a // LOAD and a // RUN statement.

SCP-1156 STATEMENT ID MISSING

Cause: Operating or programming error.

Operator: If you are entering OCL statements from the keyboard, a statement identifier is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: No statement identifier was specified for an OCL statement. Make sure you specified both the // and the rest of the statement. Also, make sure you specified a blank between the second / and the * for // *.

SCP-1157 CONTINUATION STATEMENT EXPECTED

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a statement is incorrect. Select option 2 or 3 to cancel the job.

Note: The system expected a continuation of a statement. If a statement ends with a comma, the system expects the next statement to be a continuation.

SCP-1158 RUN STATEMENT NOT PRECEDED BY LOAD

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a required statement was not entered. Select option 2 or 3.

Note: A // RUN statement was not preceded by a // LOAD statement.

SCP-1159 NUMBER OF FILE STMTS EXCEEDS 52

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, too many // FILE statements were entered. Select option 2 or 3.

Note: More than 52 // FILE statements were specified for this job. A maximum of 52 // FILE statements are valid in any one job.

SCP-1161 ERRORS IN OCL FOR THIS JOB

Cause: Informational message.

Operator: Errors are in the OCL statement for this job. An SCP message was displayed for each error. The job cannot be executed. Select option 0 or 3. For either option, the job is terminated and you can reenter OCL statements for this job or enter statements for the next job.

SCP-1162 PAUSE--WHEN READY, ENTER 0 TO CONTINUE

Cause: Informational message.

Operator: This message does *not* indicate an error. The programmer used it to give you time to prepare some part of the job. A message from the program, which tells you what to do next, usually precedes this message. Refer to your installation procedures or job setup instructions for the correct procedures. Perform any required actions; then select option 0.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1163 SYSLIST--NO PARAMETER SPECIFIED

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // SYSLIST statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: No parameter was specified in a // SYSLIST statement. The only valid SYSLIST parameters are:
CRT: Use the CRT display.
PRINTER: Use the printer.
OFF: Ignore any further requests for SYSLIST output.

SCP-1164 SYSLIST--INVALID PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // SYSLIST statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: An invalid parameter was specified in a // SYSLIST statement. Specify only one of the following code parameters in a // SYSLIST statement:
CRT: Use the CRT display.
PRINTER: Use the printer.
OFF: Ignore any further requests for SYSLIST output.

SCP-1165 SYSLIST STMT IGNORED--PREVIOUS OCL ERROR

Cause: Informational message.

Operator: Either a procedure or a // SYSLIST statement you entered from the keyboard tried to change the system list device. However, the system list device did not change, because errors are in the OCL statements for this job. Select option 2 or 3.

SCP-1167 MESSAGE(//*)--NO PARAMETER SPECIFIED

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // * statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: No parameter was specified in a // * statement. An MIC (message identification code) or a character string is the valid message parameter.

SCP-1168 MESSAGE (//*)--MIC TOO LONG

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // * statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 3.

Note: An MIC (message identification code) containing more than four characters was specified in a // * statement. An MIC cannot be longer than four characters. To specify a character string, enclose the string in quotes.

SCP-1169 MESSAGE (//*)--MIC NOT NUMERIC

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // * statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: An invalid character was specified in the MIC (message identification code) in a // * statement. The MIC must contain only numeric characters. To specify a character string, enclose the string in quotes.

SCP-1170 MESSAGE (//*)--CHAR STRING ERROR

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // * statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The character string was not specified correctly in a // * statement. Make sure the character string was enclosed in quotes.

SCP-1175 MEMBER--PARAMETER IN QUOTES

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // MEMBER statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: A quote was specified in a parameter of a // MEMBER statement. Quotes are invalid in a // MEMBER statement.

SCP-1179 MEMBER--INVALID PROGRAM1 PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // MEMBER statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: An invalid member name was specified in the PROGRAM1 keyword parameter of a // MEMBER statement. A member name can contain any character except commas, quotes, or blanks. The first character must be alphabetic (A through Z, @, #, or \$), and the number of characters must not exceed eight.

SCP-1180 MEMBER--INVALID PROGRAM2 PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // MEMBER statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: An invalid member name was specified in the PROGRAM2 keyword parameter of a // MEMBER statement. A member name can contain any character except commas, quotes, or blanks. The first character must be alphabetic (A through Z, @, #, or \$), and the number of characters must not exceed eight.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1181 MEMBER--INVALID USER1 PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // MEMBER statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: An invalid member name was specified in the USER1 keyword parameter of a // MEMBER statement. A member name can contain any character except commas, quotes, or blanks. The first character must be alphabetic (A through Z, @, #, or \$), and the number of characters must not exceed eight.

SCP-1182 MEMBER--INVALID USER2 PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // MEMBER statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: An invalid member name was specified in the USER2 keyword parameter of a // MEMBER statement. A member name can contain any character except commas, quotes, or blanks. The first character must be alphabetic (A through Z, @, #, or \$), and the number of characters must not exceed eight.

SCP-1183 MEMBER--PROGRAM1 MEMBER NOT IN LIBRARY

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // MEMBER statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The member specified in the PROGRAM1 keyword parameter of a // MEMBER statement is not in the library. Either the member name was specified incorrectly, or the load member does not exist.

SCP-1184 MEMBER--PROGRAM2 MEMBER NOT IN LIBRARY

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // MEMBER statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The member specified in the PROGRAM2 keyword parameter of a // MEMBER statement is not found in the library. Either the member name was specified incorrectly, or the load member does not exist.

SCP-1185 MEMBER--USER1 MEMBER NOT IN LIBRARY

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // MEMBER statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The member specified in the USER1 keyword parameter of a // MEMBER statement is not in the library. Either the member name was specified incorrectly, or the load member does not exist.

SCP-1186 MEMBER--USER2 MEMBER NOT IN LIBRARY

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // MEMBER statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The member specified in the USER2 keyword parameter of a // MEMBER statement is not in the library. Either the member name was specified incorrectly, or the load member does not exist.

SCP-1187 FILE--PACK IS NOT A VALID FD PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 2 or 3.

Note: The PACK parameter was specified in a // FILE statement for a disk file. For a disk file, a PACK parameter must not appear in the // FILE statement. For a diskette file, specify the UNIT-I1 parameter in the // FILE statement.

SCP-1188 FILE--INVALID PACK PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 2 or 3.

Note: An invalid volume ID was specified in the PACK parameter. The volume ID can contain any characters except commas, quotes, or blanks. The volume ID cannot contain more than six characters.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1190 IMAGE--NO PARAMETER SPECIFIED

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // IMAGE statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: No parameters were specified in a // IMAGE statement. Two parameters are required. The first is the format parameter and must be HEX, CHAR, MEMBER or MEM. If the format parameter is HEX or CHAR, the second parameter is a number specifying the number of line positions containing new characters. If the format parameter is MEM or MEMBER, the second parameter is the name of the source member containing the print image data.

SCP-1191 IMAGE --LENGTH PARAMETER NOT NUMERIC

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // IMAGE statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: A nonnumeric character was specified in the length parameter of a // IMAGE statement. The length parameter must contain only numeric characters.

SCP-1192 IMAGE--INVALID FIRST PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // IMAGE statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: The first parameter specified in a // IMAGE statement was incorrect. The valid first parameters are:

HEX: Characters entered from the keyboard are in hex form.

CHAR: Characters entered from the keyboard are in EBCDIC form.

MEM or MEMBER: Characters are entered from the source member.

SCP-1193 IMAGE--LENGTH REQ'D WITH CHAR OR HEX

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // IMAGE statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: The length parameter was not specified in a // IMAGE statement. If the first parameter is CHAR or HEX, the second parameter must specify the number of characters following the // IMAGE statement.

SCP-1194 IMAGE STMT IGNORED--PREVIOUS OCL ERROR

Cause: Informational message.

Operator: The print image was not changed because of an error in the OCL statements for this job. Select option 2 or 3.

SCP-1195 IMAGE--INVALID HEX CHAR IN DATA

Cause: Operating or programming error.

Operator: If you are *not* entering print image data (data statements that follow a // IMAGE statement) from the keyboard, this message indicates a programming error or an error in the source member containing print image data. Select option 2 or 3.

If you are entering print image data from the keyboard, either the // IMAGE statement or a print image data statement is incorrect. Select option 0; then reenter the // IMAGE statement and the print image data statements. Otherwise, select option 2 or 3 to cancel the job.

Note: A nonhexadecimal character was in the print image data. If the first parameter of a // IMAGE statement is HEX, the print image data that follows must contain only valid hexadecimal characters (0 through 9, and A through F).

If the print image data was being read from a source member, correct and replace the source member in the library. Replace the old source member by using the library maintenance utility (\$MAINT). For further information about \$MAINT, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1196 IMAGE--INVALID LENGTH PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error or an error in the source member containing print image data. Select option 3.

If you are entering OCL statements from the keyboard, the // IMAGE statement might be incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: An invalid length parameter was specified in a // IMAGE statement. If the first parameter is CHAR, the value of the length parameter cannot exceed 192. If the first parameter is HEX, the value of the length parameter cannot exceed 384.

If the // IMAGE statement causing the error is in a source member, correct and replace the source member in the library by using the library maintenance utility (\$MAINT). For further information about \$MAINT, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1197 IMAGE--MEMBER NAME NOT SPECIFIED

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // IMAGE statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: The source member name was not specified in a // IMAGE statement. If the first parameter is MEM, the second parameter must be the name of the source member that contains the new print characters.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1198 IMAGE--'// IN POSITION 1 AND 2 OF DATA

Cause: Operating or programming error.

Operator: If you are *not* entering print image data (data statements that follow a // IMAGE statement) from the keyboard, this message indicates a programming error or an error in the source member containing print image data. Select option 2 or 3.

If you are entering print image data from the keyboard, the first print image data statement is incorrect. Select option 0; then enter the correct data statement. Otherwise, select option 2 or 3 to cancel the job.

Note: A // was specified in the first two positions of what should be print image data. If the first parameter of a // IMAGE statement entered from the keyboard is HEX or CHAR, the print image data should be entered from the keyboard.

If the print image data was being read from a source member, correct and replace the source member in the library. Replace the old source member by using the library maintenance utility (\$MAINT). For further information about \$MAINT, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1199 IMAGE--INVALID 1ST CHAR IN MEMBER NAME

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // IMAGE statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: The member name specified in a // IMAGE statement had an invalid first character. The first character of a member name must be alphabetic (A through Z, @, #, or \$).

SCP-1200 IMAGE--NOT ENOUGH IMAGE DATA

Cause: Operating or programming error.

Operator: This message indicates a programming error or an error in the source member containing print image data. Select option 2 or 3.

Note: Not as many print image characters were read as were specified in the length parameter of the // IMAGE statement.

If the print image data was being read from a source member, correct and replace the source member in the library. Replace the old member by using the library maintenance utility (\$MAINT). For further information about \$MAINT, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1202 IMAGE STMT NOT FIRST IN SOURCE MEMBER

Cause: Operating or programming error.

Operator: This message indicates an error in the source member containing print image data. Select option 0 to continue. (The // IMAGE statement is ignored.) Otherwise, select option 2 or 3 to cancel the job.

Note: Print image data is to be read from a source member, but the first record of the source member is not a // IMAGE statement. The wrong source member name might be specified on the // IMAGE statement.

If the source member is incorrect, you can correct and replace it in the library by using the library maintenance utility (\$MAINT). For further information about \$MAINT, see the *IBM System/32 System Control Program Programming Reference Manual*, GC21-7593.

SCP-1204 IMAGE--SOURCE MEMBER NOT IN LIBRARY

Cause: Operating or programming error.

Operator: A requested library member is not in the library.

If you are running a procedure, select option 3.

If you are entering OCL statements from the keyboard, the // IMAGE statement might be incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: The source member name specified on a // IMAGE statement is not in the library. If the correct name was specified, place the required source member in the library by using the library maintenance utility (\$MAINT); then rerun the job. For information about \$MAINT, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1205 IMAGE--INVALID LENGTH PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error or an error in the source member containing print image data. Select option 3.

If you are entering OCL statements from the keyboard, the // IMAGE statement might be incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: An invalid (odd) length parameter was specified in a // IMAGE statement. If the first parameter is HEX, the length parameter must be an even number and less than or equal to 384.

If the // IMAGE statement causing the error is in a source member, correct and replace the source member in the library by using the library maintenance utility (\$MAINT). For further information about \$MAINT, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1206 IMAGE--TOO MANY PARAMETERS

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error or an error in the source member containing print image data. Select option 3.

If you are entering OCL statements from the keyboard, the // IMAGE statement might be incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: Too many parameters were specified in a // IMAGE statement. Only two parameters are valid. The first is the format parameter, and the second is either the length parameter or the name of a source member containing the print image data.

If the // IMAGE statement causing the error is in a source member, correct and replace the source member in the library by using the library maintenance utility (\$MAINT). For further information about \$MAINT, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1207 IMAGE--MEMBER NAME MORE THAN 8 CHARS

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error or an error in the source member containing print image data. Select option 3.

If you are entering OCL statements from the keyboard, the // IMAGE statement might be incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: A source member name containing more than eight characters was specified in a // IMAGE statement. A source member name cannot be more than eight characters long.

If the // IMAGE statement causing the error is in a source member, correct and replace the source member in the library by using the library maintenance utility (\$MAINT). For further information about \$MAINT, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1210 FORMS--NO PARAMETERS SPECIFIED

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // FORMS statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: No parameters were specified in a // FORMS statement. The LINES parameter is required.

SCP-1211 FORMS--ABNORMAL END OF STMT

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // FORMS statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: An incomplete // FORMS statement was specified. Make sure you specified the parameter portion of the LINES parameter.

SCP-1212 FORMS--INCORRECT PUNCTUATION

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

Note: A // FORMS statement was specified that contained a syntax or punctuation error.

SCP-1213 FORMS--INVALID KEYWORD

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // FORMS statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: An invalid keyword was specified in a // FORMS statement. The only valid keyword is LINES.

SCP-1214 FORMS--LINES PARAMETER IS NOT NUMERIC

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // FORMS statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: A nonnumeric LINES parameter was specified in a // FORMS statement. The LINES parameter specifies the number of lines per page and must be numeric.

SCP-1215 FORMS--STMT ENDS WITH A COMMA

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // FORMS statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: A comma is the last character in a // FORMS statement.

SCP-1216 FORMS--DUPLICATE KEYWORD

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // FORMS statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: The same keyword was specified more than once in a // FORMS statement. A specific keyword can be specified only once in a statement.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1217 FORMS--INVALID LINES PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // FORMS statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: A number greater than 84 or a forms parameter containing more than two characters was specified as the LINES parameter in a // FORMS statement. The LINES parameter specifies the number of lines per page and must not exceed 84.

SCP-1218 FORMS--LINES PARAMETER IS 0 OR MISSING

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // FORMS statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: The LINES parameter was either not specified or was specified as zero in a // FORMS statement. The LINES parameter is required. It specifies the number of lines per page and must be a number from 1 through 84.

SCP-1219 FORMS--LINES PARAMETER IN QUOTES

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // FORMS statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: The LINES parameter was enclosed in quotes. Quotes are invalid in the // FORMS statement.

SCP-1230 \$SOURCE WORK FILE FULL

Cause: Programming error.

Operator: A work file used by the program is full. Select option 3.

Note: The \$SOURCE work file is full, but there is still input remaining. Resubmit this job with a // FILE statement that defines \$SOURCE to be larger. (The default size for \$SOURCE is 24 blocks except for RPG which is 20 blocks.)

SCP-1231 ERROR WHILE READING FROM SYSIN

Cause: Machine error.

Operator: This message indicates a machine error occurred during the transfer of information from the keyboard to main storage. Select option 3; then rerun the job. If the error occurs often, notify your IBM customer engineer.

SCP-1232 COMPILE--SOURCE MEMBER NOT IN LIBRARY

Cause: Operating or programming error.

Operator: A requested library member is not in the library.

If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // COMPILE statement might be incorrect. Select option 3.

Note: The source member specified in a // COMPILE statement is not in the library. Either the member name is specified incorrectly or the member is not in the library.

If the name is specified correctly, place the source member in the library by using the library maintenance utility (\$MAINT); then rerun the job. For further information about \$MAINT, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1235 LOAD--PROGRAM NOT IN LIBRARY

Cause: Operating or programming error.

Operator: A requested library member is not in the library.

If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // LOAD statement might be incorrect. Select option 3.

Note: The program name specified in a // LOAD statement is not in the library. Either the program name is specified incorrectly or the program is not in the library.

If the name is specified correctly, place the program in the library by using the library maintenance utility (\$MAINT); then rerun the job. For further information about \$MAINT, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1236 PROGRAM NOT EXECUTABLE IN INQUIRY MODE

Cause: Operating or programming error.

Operator: The system is in inquiry mode, but the program you are trying to run cannot be executed if the system is in inquiry mode. Select option 3 to return to the interrupted program. Processing continues.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1237 COMPILE STMT SPECIFIED, BUT NOT REQUIRED

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a COMPILE statement was entered, but is not valid for this job. Select option 0 to continue (the // COMPILE statement is ignored). Otherwise, select option 3 to cancel the job.

Note: A // COMPILE statement was specified, but should not have been. The preceding // LOAD statement specified a program that did not require source input.

SCP-1238 LOAD--NOT ENOUGH MAIN STORAGE FOR PROG

Cause: Programming error.

Operator: Select option 3.

Note: This program is too large for the available storage. Modify the program by reducing the buffers and storage area, and removing any unnecessary code.

SCP-1239 MEMBER--NO PARAMETER SPECIFIED

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // MEMBER statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: No parameters were specified in a // MEMBER statement. At least one of the following parameters must be specified.

- PROGRAM1-name changes the member used for program product level 1 messages.
- PROGRAM2-name changes the member used for program product level 2 messages.
- USER1-name changes the member used for user generated program level 1 messages.
- USER2-name changes the member used for user generated program level 2 messages.

SCP-1240 MEMBER--ABNORMAL END OF STMT

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // MEMBER statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Programmer: A // MEMBER statement was not terminated correctly. Make sure you specified the parameter portion of a keyword parameter.

SCP-1241 MEMBER--INCORRECT PUNCTUATION

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // MEMBER statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: A // MEMBER statement was specified that contained a syntax or punctuation error.

SCP-1242 MEMBER--INVALID KEYWORD

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // MEMBER statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: An invalid keyword was specified in a // MEMBER statement. The only valid keywords are:

- PROGRAM1 changes the member used for program product level 1 messages.
- PROGRAM2 changes the member used for program product level 2 messages.
- USER1 changes the member used for user generated program level 1 messages.
- USER2 changes the member used for user generated program level 2 messages.

SCP-1243 MEMBER--DUPLICATE KEYWORD

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // MEMBER statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 2 or 3 to cancel the job.

Note: The same keyword was specified more than once in a // MEMBER statement. A specific keyword can appear only once in a statement.

SCP-1246 INQUIRY BEGUN--CURRENT PROG ROLLED OUT

Cause: Informational message.

Operator: The program that was being executed was interrupted by an inquiry request. No action is required.

SCP-1247 INQUIRY COMPLETE--REPOSITION FORMS

Cause: Informational message.

Operator: The program that was being executed before an inquiry request can now be continued. Reposition the forms to where they were when the program was interrupted; then select option 0 to continue the job. If you want to cancel the job, select option 3.

SCP-1249 PRINT IMAGE WAS CHANGED DURING INQUIRY

Cause: Informational message.

Operator: The print image was changed during inquiry. If the print image should be returned to what it was before the inquiry operation, select option 1. Otherwise, select option 0 to continue.

SCP-1250 INQUIRY MODE--CANNOT ALTER SYSTEM STATUS

Cause: Informational message.

Operator: The system is in inquiry mode. The program you are trying to run cannot be executed when the system is in inquiry mode. Select option 3 to return to the interrupted program. Processing continues.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1251 INQUIRY MODE--CANNOT USE ACTIVE FILE(S)

Cause: Informational message.

Operator: The system is in inquiry mode. The inquiry program you are trying to run is accessing a file used by the interrupted program. Select option 3 to return to the interrupted program. Processing continues.

SCP-1300 PROCEDURE NAME NOT SPECIFIED

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // INCLUDE statement is incorrect. Select option 0; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The procedure name was not specified in a // INCLUDE statement. A procedure can be called by means of the following formats:

- // INCLUDE procedure-name parameters
- // procedure-name parameters
- procedure-name parameters

SCP-1301 PROCEDURE NAME IS INVALID

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, the // INCLUDE statement is incorrect (*Note*). Select option 0; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: An invalid procedure name was specified in a // INCLUDE statement.

A procedure can be called by means of the following formats:

- // INCLUDE procedure-name parameters
- // procedure-name parameters
- procedure-name parameters

SCP-1303 PROCEDURE PARAMETER MORE THAN 8 CHARS

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the // INCLUDE statement is incorrect (*Note*). Select option 3.

Note: A parameter that contains more than eight characters was specified in a // INCLUDE statement. A parameter cannot contain more than eight characters.

A procedure can be called by means of the following formats:

- // INCLUDE procedure-name parameters
- // procedure-name parameters
- procedure-name parameters

SCP-1304 TOO MANY PROCEDURE PARAMETERS

Cause: Operating or programming error.

Operator: If you are running a procedure, the command statement might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, the // INCLUDE statement is incorrect (*Note*). Select option 0; then enter the correct statement. Otherwise, select option 3 to terminate the job.

Note: More than ten parameters were specified in a // INCLUDE statement. The number of positional parameters must not exceed ten.

A procedure can be called by means of the following formats:

- // INCLUDE procedure-name parameters
- // procedure-name parameters
- procedure-name parameters

SCP-1305 PROCEDURE NOT IN LIBRARY

Cause: Operating or programming error.

Operator: If you are running a procedure, the command statement might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, the last statement entered might be incorrect. Select option 0; then enter the correct statement. Otherwise, select option 3 to terminate the job.

Note: This message might indicate one of the following errors.

- A specified procedure is not in the library. Check that all required procedures are loaded into the library.
- The verb portion of an OCL statement that is within a procedure, or that was entered from the keyboard is incorrect. (For example, // FIELD was specified instead of // FILE.) Use the HISTORY ALL command to review the OCL statements. For further information about the HISTORY procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.
- If an OCL statement is being entered, the // preceding the statement might be omitted.

SCP-1306 INCLUDE--ABNORMAL END OF STATEMENT

Cause: Operating or programming error.

Operator: If you are running a procedure, the command statement might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, the // INCLUDE statement is incorrect (*Note*). Select option 0; then enter the correct statement. Otherwise, select option 3 to terminate the job.

Note: An incomplete // INCLUDE statement was specified. A procedure can be called by means of the following formats:

- // INCLUDE procedure-name parameters
- // procedure-name parameters
- procedure-name parameters

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1307 TOO MANY PROCEDURE LEVELS

Cause: Programming error.

Operator: Select option 3.

Note: More than 16 procedure levels (levels of // INCLUDE statements) are in this job. The number of procedure levels cannot exceed 16.

SCP-1310 INVALID DTF FOUND IN PROGRAM

Cause: System programming error.

Operator: This message indicates a programming error. Select option 3.

Note: An invalid address was in the DTF chain during end-of-file processing. All files being processed might not be closed. None of the disk files processed by the current program have been updated in the disk VTOC. Run the REBUILD procedure to recover files being created, updated, or added to. For further information about the REBUILD procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1320 CAN'T ALLOCATE PRINTER

Cause: System programming error.

Operator: Select option D.

Note: An attempt was made to allocate the printer more than once.

SCP-1321 CAN'T ALLOCATE RD

Cause: System programming error.

Operator: Select option D.

Note: An attempt was made to allocate the diskette when:

- The diskette was already allocated.
- The BSC adapter, SDLC adapter, data recorder, MCU, or magnetic character reader was allocated.

SCP-1322 CAN'T ALLOCATE CONSOLE

Cause: System programming error.

Operator: Select option D.

Note: An attempt was made to allocate the console more than once.

SCP-1323 CAN'T ALLOCATE CRT

Cause: System programming error.

Operator: Select option D.

Note: An attempt was made to allocate the CRT more than once when the system did not allow multiple allocation of the CRT.

SCP-1324 CAN'T ALLOCATE KEYBOARD

Cause: System programming error.

Operator: Select option D.

Note: An attempt was made to allocate the keyboard more than once when the system did not allow multiple allocation of the keyboard. (The system is in basic data entry, BDE, mode.)

SCP-1325 CAN'T ALLOCATE BSCA

Cause: System programming error.

Operator: Select option D.

Note: An attempt was made to allocate the BSC adapter when:

- The system did not allow multiple allocation of the BSC adapter.
- The BSC adapter is not available on this system.
- A diskette file, data recorder, SDLC, MCU, or magnetic character reader was allocated.

SCP-1326 CAN'T ALLOCATE SDLC

Cause: System programming error.

Operator: Select option D.

Note: An attempt was made to allocate the SDLC adapter when:

- The system did not allow multiple allocation of the SDLC adapter.
- The SDLC adapter is not available on this system.
- A diskette file, BSC adapter, MCU, data recorder, or magnetic character reader was already allocated.

SCP-1327 CAN'T ALLOCATE DATA RECORDER

Cause: System programming error.

Operator: Select option D.

Note: An attempt was made to allocate the data recorder when:

- The system did not allow multiple allocation of the data recorder.
- The data recorder is not available on this system.
- A diskette file, MCU, BSC adapter, SDLC adapter, or magnetic character reader was already allocated.

SCP-1328 CAN'T ALLOCATE MAGNETIC CHAR READER

Cause: System programming error.

Operator: Select option D.

Note: An attempt was made to allocate the 1255 magnetic character reader when:

- The system did not allow multiple allocation of the 1255 magnetic character reader.
- The magnetic character reader is not available on this system.
- A diskette file, MCU, BSC adapter, SDLC adapter, or data recorder was allocated.

SCP-1330 CAN'T ALLOCATE WHEN BSCA/SDLC IS ACTIVE

Cause: System programming error.

Operator: Select option D.

Note: An attempt was made to allocate a DTF while BSCA or SDLC was active. Register 2 contains the address of the DTF incorrectly allocated.

SCP-1350 INPUT-FILE NOT ON FD/OUTPUT-SIZE REQ'D

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are reentering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 2 or 3.

Note: The filename specified on a // FILE statement is not on the disk. Consequently, the file was assumed to be an output file, but no size parameter was specified. Either the BLOCKS or RECORDS parameter is required for an output file. The program filename for the file is logged on the line preceding this error message.

If the file is an input file, the filename might be specified incorrectly.

If you are attempting a WPRESTOR, you may have neglected to execute WPINIT, which prepares the fixed disk for input.

SCP-1349 INVALID DEVICE CODE IN PROGRAM

Cause: System programming error.

Operator: Select option D.

Programmer: An invalid device code is in a DTF.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1351 FILE--FILE WITH SPECIFIED DATE NOT ON FD

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 3.

Note: A file with the same label and date specified on a // FILE statement is not on the disk. If you are processing an existing file, check the DATE parameter. To create a new file, do *not* specify the DATE parameter. The program filename for the file is logged on the line preceding this error message.

To create another version of an existing file, the LOCATION parameter must be specified. See *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1352 FILE ON FD, BUT NOT AT SPEC'D LOCATION

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, a //FILE statement is incorrect. Select option 3.

Note: A specified disk file exists, but not at the specified location. Use the CATALOG procedure to determine the correct location of the file. For further information about the CATALOG procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1353 LOCATION OR BLOCKS/RECORDS DON'T MATCH

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 3.

Note: A file with the same name and date specified in a // FILE statement exists. However, either the location or the number of blocks or records specified did not match the specifications for that file. Check the LOCATION, BLOCKS, and RECORDS parameters. The program filename for the file is logged on the line preceding this error message. You can use the CATALOG procedure to determine the location and size of the file. For further information about the CATALOG procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1354 PERMANENT FILE REFERENCED WITH RETAIN-S

Cause: Operating or programming error.

Operator: This job references a permanent file as a scratch file. Select option 0 to continue. (The file is processed as a permanent file.) Otherwise, select option 3 to terminate the job.

Note: The RETAIN-S parameter was specified in a // FILE statement, but the file specified is a permanent file. The RETAIN-S parameter cannot be used when the file you want to access is a permanent file. To scratch a permanent file, use the DELETE procedure. For further information about the DELETE procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1355 MAXIMUM NUMBER OF FILES ON DISK

Cause: Programming error.

Operator: The disk is full. Select option 3.

Note: An attempt was made to allocate a new file on disk, but the sum of the new files for this job plus the existing files exceeds the maximum number of files allowed. The program filename for the file is logged on the line preceding this error message.

You must delete files from the disk by using the DELETE procedure before any new files can be created. You can save files before deleting them by using the SAVE procedure. You can use the CATALOG procedure to display the present contents of the disk VTOC. For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1356 A REQUIRED FILE IS NOT ON DISK

Cause: Operating or programming error.

Operator: A file required by this program is not on the disk. Select option 2 or 3.

Note: The file might not have been created because of an error in or failure to run a previous job.

SCP-1357 REQUESTED SPACE ON FD NOT AVAILABLE

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 2 or 3.

If you are entering OCL statements from the keyboard, a // FILE statement might be incorrect. Select option 2 or 3.

Note: The disk does not have enough available space for the new file. If the LOCATION parameter was specified in the // FILE statement, there is not enough space at that location for the new file. (The sum of the location and length may exceed the capacity of the disk.) If the LOCATION keyword parameter was not specified, the disk does not have any available space large enough to hold the new file.

If the LOCATION parameter was specified, resubmit the job and specify a different location or no location. You can make space available on the disk for the new file by doing the following:

- Use the SAVE procedure to save copies of files you are going to delete.
- Use the DELETE procedure to delete files.
- Use the COMPRESS procedure to place all unused space in one continuous area on the disk. You can use the CATALOG procedure to display the contents of the disk VTOC. For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1359 NO LOCATION, BLOCKS/RECORDS, OLD FILE

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 2 or 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 2 or 3.

Note: An attempt was made to use an existing permanent file as an output file. The contents of a permanent file cannot be changed. To replace the file, use the BLOCKS or RECORDS parameter. Any time an existing file is to be used as an output file, the LOCATION parameter and either the BLOCKS or RECORDS parameter used when the file was created must again be specified.

SCP-1360 PERMANENT FILE REFERENCED AS OUTPUT FILE

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 2 or 3.

If you are entering OCL statements from the keyboard, a // FILE statement might be incorrect. Select option 2 or 3.

Note: An attempt was made to use an existing permanent file as an output file. The contents of a permanent file cannot be changed. To replace the file, use the DELETE procedure to scratch the file. You can save the files before deleting them by using the SAVE procedure. For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1361 EXISTING FILE ALLOCATED AS OUTPUT FILE

Cause: Possible programming error.

Operator: The program is attempting to put new data into an existing temporary data area. If you select option 0, the existing data is replaced by the new data. If you are not sure that the existing data should be replaced, select option 2 or 3.

SCP-1362 FILE EXISTS WITH DIFFERENT LOCATION

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 2 or 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 2 or 3.

Note: A file exists on the disk with the same label and date as the output file being allocated, but at a different location. Check the LOCATION parameter. To create a new file, change the file label or specify a new job date for this job.

SCP-1363 ONLY 1 BLOCK SPECIFIED FOR INDEXED FILE

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 2 or 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 2 or 3.

Note: The length of an indexed file was specified to be one block. An indexed file must be at least two blocks long.

SCP-1364 FILE--DUPLICATE FILE NAMES FOUND

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 3.

Note: An attempt was made in this job to allocate two files with the same program filename. A given program filename can be specified only once in a job (with the exception of offline multivolume processing where the same filename must be specified for both disk and diskette). The program filename of the file being allocated was logged on the line preceding this error message. Check the NAME parameters in the // FILE statements.

SCP-1365 TOO MANY FILES TO ALLOCATE

Cause: Programming error.

Operator: Select option 2 or 3.

Note: Too many files were specified for this job. (The allocate initiator could not compress the preopen DTFs into 1K bytes of storage.) Where possible, change special allocates to normal allocates and eliminate any unnecessary files.

SCP-1366 NO RETURN CODE IN SPECIAL ALLOCATE TABLE

Cause: System programming error.

Operator: Select option D.

SCP-1367 DUPLICATE LABEL AND DATE CONFLICT

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 3.

Note: One of the following errors occurred:

- The executing program tried to allocate two output files with the same label and date.
- The executing program tried to allocate an output file with the same label and date as an output file allocated by a program that was rolled out as the result of an inquiry request.

SCP-1368 FILE--#LIBRARY INVALID DISK LABEL

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 3.

Note: #LIBRARY was specified as the LABEL parameter in a // FILE statement for a disk file. The system cannot process a disk file statement with that label.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1369 FILE--RECORDS PARAM INVALID, USE BLOCKS

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 2 or 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 2 or 3.

Note: An attempt was made to allocate an offline multivolume disk file, but the RECORDS parameter was specified in the // FILE statement for that file. Specify the BLOCKS parameter for an offline multivolume file. The program filename for the file is logged on the line preceding this message.

SCP-1370 FILE--RESTART REQUIRED BY \$FREE-HIGH

Cause: Machine error.

Operator: Select option 3. Run the COMPRESS procedure before rerunning the job.

Note: System detected that a compression with a FREE-HIGH had been interrupted (for example, by power outage). The COMPRESS procedure must be completed to move all files to the low end of the disk (next to the library) before rerunning the job. For further information about the COMPRESS procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1371 FILE--RESTART REQUIRED BY \$FREE-LOW

Cause: Machine error.

Operator: Select option 3. Run the \$FREE utility program specifying the FREE-LOW parameter, then rerun the job.

Note: System detected that a compression with a FREE-LOW had been interrupted (for example, by power outage). The \$FREE utility program must be run to move all files to the high end of the disk before rerunning the job. For further information about the \$FREE utility program, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1461 PERMANENT I/O ERROR WITHIN RD VTOC

Cause: Diskette error.

Operator: A diskette error was detected while reading or writing within the VTOC. Select option 3 to cancel the job.

SCP-1472 DISKETTE NOT 512-BYTE SECTOR FORMAT

Cause: Operating error.

Operator: The inserted diskette is not in the extended format (512 bytes per sector). The program running requires that an extended format diskette be processed. Insert the correct diskette and select option 1 to retry. Otherwise, select option 2 or 3 to cancel the job.

SCP-1473 DISKETTE NOT 128-BYTE SECTOR FORMAT

Cause: Operating error.

Operator: The inserted diskette is not in the basic data exchange (128 bytes per sector) format. The program running requires that a basic data exchange format be processed. Insert the correct diskette and select option 1 to retry. Otherwise, select option 2 or 3 to cancel the job.

SCP-1474 INSERTED RD--INCORRECT PHYSICAL FORMAT

Cause: Operating or programming error.

Operator: The inserted diskette is not in the same format as the previous diskette. Insert the correct diskette and select option 1 to continue the job. Otherwise, select option 2 or 3 to cancel the job.

Note: Diskettes are formatted by the INIT procedure in either the basic data exchange format, twenty-six 128-byte sectors per track, or extended format, eight 512-byte sectors per track. To determine the format of the diskette, run the CATALOG procedure. For further information about the INIT procedure and the CATALOG procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1475 INCOMPATIBLE FORMATS

Cause: Operating or programming error.

Operator: A file on the inserted diskette cannot be processed. Select option 3 to cancel the job.

Note: The diskette format specified in the diskette volume label does not match the format specified in the header label for the file. The format specified in the volume label must be either basic data exchange (128 bytes per sector) format or extended format (512 bytes per sector). The format of the file being processed must be the same as the format specified in volume label.

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- Option 0:** Continue the job. The OCL statement in error is ignored.
 - Option 1:** Retry the operation and continue the job.
 - Option 2:** Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.
 - Option 3:** Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
 - Option D:** Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

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SCP-1476 CAN'T PROCESS BASIC FILE ON THIS RD

Cause: Operating or programming error.

Operator: The inserted diskette is in the wrong format. Insert the correct diskette and select option 1. Otherwise, select option 2 or 3 to cancel the job.

Note: An extended format (512 bytes per sector) diskette was allocated, but the file being processed is a basic data exchange file. Extended format diskettes cannot contain basic data exchange files.

SCP-1477 NO SPACE AVAILABLE FOR BASIC RD FILE

Cause: Operating error.

Operator: The inserted diskette has no space for the data the program is generating. Insert another diskette; then select option 1 to continue. Otherwise, select option 2 or 3 to cancel the job.

Note: An attempt was made to allocate a basic data exchange diskette file, but the first available sector is in track 74. Track 74 cannot be allocated for a basic data exchange file.

SCP-1478 INVALID JOB DATE

Cause: Operating or programming error.

Operator: The job date is invalid. (The specified day is larger than 31, or the month is larger than 12.) This condition is detected when the system is trying to calculate the expiration date for a diskette file. Select option 0 to continue the job. (The file creation date and the file expiration date are set to the job date even though it is invalid.) Otherwise, select option 2 or 3 to cancel the job.

SCP-1479 MAXIMUM NUMBER OF FILES ON DISK

Cause: Programming error.

Operator: The disk is full. Select option 2 or 3.

Note: An attempt was made to use a system function (special allocate), that does not require a // FILE statement, to allocate a new permanent or temporary file on disk, but the number of new files created by this job plus the existing files exceeds the number of files allowed on the disk.

Delete files from the disk by using the DELETE procedure before any new files are created. Use the CATALOG procedure to display the present contents of the disk VTOC. For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, SC21-7593.

SCP-1480 INVALID HEADER LABEL ON DISKETTE

Cause: Operating or programming error.

Operator: The system cannot process a file on the inserted diskette. Select option 3.

Note: A file header label on the diskette is invalid. The system cannot process this diskette until the header label is correct. The filename from the invalid header is logged on the line preceding this message.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1481 TOO MANY FILES PROCESSED BY JOB

Cause: Programming error.

Operator: Select option 2 or 3.

Note: An attempt was made to use a system function (special allocate) that does not require a // FILE statement to allocate a file, but the scheduler work area already contained specifications for 52 files. Reduce the number of files this job uses.

SCP-1482 ADD SPECIFIED--MVF VOL NOT LAST

Cause: Operating error.

Operator: The job being run requires that the last volume of the multivolume file be inserted. Insert the correct diskette; then select option 1 to continue. Otherwise, select option 2 or 3 to cancel the job.

Note: An add operation was specified. Data can only be added to the last volume of a multivolume file.

SCP-1483 FILE--PACK PARAM REQ'D BUT NOT SPECIFIED

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 2 or 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 2 or 3.

Note: The PACK parameter was not specified for an output or add diskette file. The PACK parameter is required when you are creating or adding to a diskette file.

SCP-1484 DISKETTE NOT FIRST VOLUME OF MVF

Cause: Possible operating error.

Operator: The inserted diskette is not the first diskette of a multivolume file. Do one of the following:

- If you are running the DELETE procedure, and you are sure that the information on the inserted diskette should be deleted, select option 0.
- Insert the correct diskette; then select option 1 to continue.
- Select option 2 or 3 to cancel the job.

SCP-1485 END OF RD VOLUME--INSERT NEXT DISKETTE

Cause: Informational message.

Operator: The end of the diskette was reached. Do one of the following:

- Insert the next diskette to be processed; then select option 0 to continue.
- If you do not want to process any more diskettes, select option 2. The job will continue until normal end of job. A multivolume file may be only partially usable with a truncated record at the end.
- If you want to cancel the job, select option 3.

Note: If a 2 or a 3 option is taken to this halt, the file or files being copied may not be completely copied to the diskettes, and a loss of data may occur.

SCP-1486 INSERTED DISKETTE IS OUT OF SEQUENCE

Cause: Operating error.

Operator: The inserted diskette is out of sequence. Insert the correct diskette; then select option 1 to continue. Otherwise, select option 2 or 3 to cancel the job.

SCP-1487 NO SPACE AVAILABLE ON RD

Cause: Operating error.

Operator: The inserted diskette has no space for data the program is generating. Insert another diskette; then select option 1 to continue. Otherwise, select option 2 or 3 to cancel the job.

Note: The inserted diskette has no space for the file, or the diskette already contains 19 files.

SCP-1488 REQUESTED FILE NOT ON DISK

Cause: Programming error.

Operator: A file required by the executing program is not on the disk. Select option 2 or 3.

Note: An attempt was made to use a system function (special allocate) that does not require a // FILE statement to allocate an input file on the disk. However, the specified filename is not in the disk VTOC. The cause may be that you tried to allocate the same file more than once during a run. If you use special allocate to allocate an input file on disk, do so only once per program execution. If you have a copy of the required file on a diskette, you can replace it on the disk by using the copy utility (\$COPY) or the RESTORE procedure. For further information about \$COPY or the RESTORE procedure, see the *IBM System/32 System Control Programming Reference Manual*, SC21-7593.

SCP-1489 DISKETTE CONTAINS ACTIVE FILE

Cause: Operating error.

Operator: The inserted diskette contains an active file, but the executing program requires a diskette that contains no active files. Insert another diskette; then select option 1 to continue. Otherwise, select option 2 or 3 to cancel the job.

Note: The system determines if a file is active by comparing its expiration date to the job date. This message can be issued if the job date is incorrect.

SCP-1490 LOCATION INVALID FOR INPUT FILE

Cause: System programming error.

Operator: Select option 2, 3 or D.

Note: An attempt was made to allocate an input file using a system function (special allocate) that does not require a // FILE statement, but LOCATION was specified in the DTF for that file. If you use special allocate to allocate an input file, do not specify LOCATION.

SCP-1491 FILE ALREADY EXISTS ON FD

Cause: Programming error.

Operator: Select option 2, 3 or D.

Note: An attempt was made to allocate a permanent or temporary output file on disk using a system function (special allocate) that does not require a // FILE statement, but the file being allocated already exists on disk. An existing permanent or temporary file cannot be allocated as an output file using special allocate.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1492 CAN'T CHANGE RETAIN ON A PERM RD FILE

Cause: Operating or programming error.

Operator: An attempt was made to change the retention period of a permanent diskette file. Select option 0 to continue. (The attempt to change the retention period is ignored.) Otherwise, select option 2 or 3 to cancel the job.

Note: An attempt was made to change the retention period of an input file on a diskette, but the file is already defined as a permanent file. Only the DELETE procedure can change the retention period of a permanent file. For further information about the DELETE procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1493 FILE--PACK PARAM NOT EQUAL TO VOLUME ID

Cause: Operating error.

Operator: The inserted diskette is not the one specified for this job. Do one of the following:

- If the wrong diskette is inserted, insert the correct diskette; then select option 1.
- If a command statement parameter or // FILE statement was entered incorrectly for this job, and you are sure that the diskette you inserted is the one required, select option 0. Processing continues.
- Select option 2 or 3 to cancel the job.

Note: The volume ID of the inserted diskette does not match the volume ID specified in the PACK parameter of the // FILE statement.

SCP-1494 FILE NOT ON DISKETTE

Cause: Operating error.

Operator: A file required by this job cannot be accessed from the inserted diskette. Either the wrong diskette is inserted or the inserted diskette has duplicate file labels. If the wrong diskette is inserted, insert the correct diskette; then select option 1. Otherwise, select option 2 or 3 to cancel the job.

Note: An attempt was made to allocate an input or add file on a diskette, but the specified file is not on the inserted diskette, or the optional DATE parameter does not match the creation date on the diskette.

SCP-1495 UNEXPIRED DUPLICATE FILE FOUND ON RD

Cause: Operating error.

Operator: The program is attempting to create a duplicate file on the inserted diskette. If the wrong diskette is inserted, insert the correct diskette; then select option 1. Otherwise, select option 2 or 3 to cancel the job.

Note: An attempt was made to allocate an output file on a diskette, but an unexpired file with the same name already exists on the inserted diskette. A diskette cannot contain files with duplicate names.

SCP-1496 DATE ON FILE STMT FOR OUTPUT RD FILE

Cause: Programming error.

Operator: Select option 0 to continue. (The error condition is ignored.) Otherwise, select option 2 or 3 to cancel the job.

Note: An attempt was made to allocate an output file on a diskette, but the DATE parameter was specified in the // FILE statement for that file. Do not use the DATE parameter when creating an output file on a diskette. The creation date of the file is the job date.

SCP-1497 INVALID RD ALLOCATE REQUEST

Cause: System programming error.

Operator: Select option D.

Note: An attempt was made to allocate a diskette file using the special allocate function. Do not use special allocate for diskette files.

SCP-1498 ADD SPECIFIED--FILE NOT LAST ON DISKETTE

Cause: Operating or programming error.

Operator: The program is attempting to add data to a file that is not the last active file on the diskette. If the wrong diskette is inserted, insert the correct diskette; then select option 1. Otherwise, select option 2 or 3 to cancel the job.

Note: An attempt was made to allocate a diskette file to which records are to be added, but the file specified is not the last active file on the diskette. You can only add records to the last active file on a diskette.

SCP-1499 FILE--NOT GIVEN OR NAME/UNIT PARAM ERROR

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 2 or 3.

If you are entering OCL statements from the keyboard, a // FILE statement is either missing or incorrect. Select option 2 or 3.

Note: An attempt was made to allocate a file for which no // FILE statement exists. Either a // FILE statement was not specified, or the wrong NAME and or UNIT parameter was specified in a // FILE statement.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1500 REQUIRED MEMBER NOT IN LIBRARY

Cause: Programming error.

Operator: Select option 2 or 3.

Note: This message was issued by the backup library utility (\$BACK), which might have been evoked by the BACKUP procedure. Either the \$LOAD or ##MSG2 library member is missing and must be in the library before \$BACK can be executed.

SCP-1522 ERROR ON SCHEDULER WORK AREA GET CALL

Cause: System programming error.

Operator: Select option D.

Note: This message was issued by the basic data exchange utility (\$BICR), which might have been evoked by the TRANSFER procedure. \$BICR encountered an error condition on a scheduler work area get call.

SCP-1523 #LIBRARY CAN'T BE FROM FILENAME

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 3.

Note: This message was issued by the basic data exchange utility (\$BICR), which might have been evoked by the TRANSFER procedure. Do not specify #LIBRARY as either the file from which or to which data is to be transferred.

SCP-1525 KEY INFO INVALID FOR OUTPUT TO DISKETTE

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 3.

Note: This message was issued by the basic data exchange utility (\$BICR). \$BICR received invalid key information. Key information is not allowed when the output file is on a diskette.

SCP-1526 OUTPUT FILE NAME REQUIRED FOR ADD

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, a required // FILE statement was not entered or was entered incorrectly. Select option 3.

Note: This message was issued by the basic data exchange utility (\$BICR), which might have been evoked by the TRANSFER procedure. The name of the consecutive file on disk to which basic data exchange records are to be added was not specified. The filename 2 parameter in the TRANSFER command statement must be specified, or if the \$BICR control statements were specified, the COPYO file statement is required.

SCP-1527 ADD TO DISKETTE FILE IS INVALID

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 3.

Note: This message was issued by the basic data exchange utility (\$BICR). You specified that data be added to an existing diskette file, but \$BICR can only add data to existing sequential disk files. The UNIT parameters specified in the COPYIN and COPYO file statements might be incorrect.

SCP-1530 ADD INVALID FOR DIRECT/ INDEXED FD FILE

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 3.

Note: This message was issued by the basic data exchange utility (\$BICR), which might have been evoked by the TRANSFER procedure. An attempt was made to add data to a direct or indexed file on disk. Data can only be added to a sequential file on disk.

SCP-1531 NOT ENOUGH SPACE ON FD

Cause: Operating or programming error.

Operator: Not enough unused space exists on the disk to contain the output file from this job. Select option 3.

Note: This message was issued by the basic data exchange utility (\$BICR), which might have been evoked by the TRANSFER procedure. Not enough space exists on the disk for the new file that \$BICR is creating. For a description of how to determine the size of the output file, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

To transfer the basic data exchange file from diskette to disk, space must be available on the disk for the file. You can make space available by deleting any unnecessary files and then reorganizing the disk. Use the SAVE procedure to save copies of files before using the DELETE procedure to delete them. To reorganize the disk, use the COMPRESS procedure to place all unused space in one continuous area on the disk. You can use the CATALOG procedure to display the contents of the disk VTOC. For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1532 SPECIFIED OUTPUT FILE SIZE TOO SMALL

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 3.

Note: The basic data exchange utility (\$BICR) issued this message. The BLOCKS or RECORDS parameter was specified in the COPYO file statement of the OCL sequence for \$BICR, but the size specified was not enough to contain the transferred file on disk.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1533 OUTPUT FILE SIZE REQUIRED FOR INPUT MVF

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, a required // FILE statement was either not entered, or was entered incorrectly. Select option 3.

Note: This message was issued by the basic data exchange utility (\$BICR), which might have been evoked by the TRANSFER procedure. A multivolume disk file was being transferred, and either the disk file size was not specified in the TRANSFER command statement or the COPYO file statement was not specified as one of the control statements for \$BICR.

SCP-1534 SUM OF KEY LOCATION AND LENGTH TOO LARGE

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, the // TRANSFER statement is incorrect. Select option 3.

Note: This message was issued by the basic data exchange utility (\$BICR), which might have been evoked by the TRANSFER procedure. An attempt was made to create an indexed file on disk from a diskette file in basic data exchange format, but the sum of the key length and key location was greater than 129. The sum of the key length (KEYLEN parameter in the // TRANSFER control statement or the value-1 parameter in the TRANSFER command statement) and the key location (KEYLOC parameter in the // TRANSFER control statement or the value-2 parameter in the TRANSFER command statement) cannot exceed 129.

SCP-1535 OUTPUT FILE ON DISK TOO SMALL

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement might be incorrect. Select option 3.

Note: This message was issued by the basic data exchange utility (\$BICR), which might have been evoked by the TRANSFER procedure. The end of the disk file was encountered before all of the diskette file was transferred.

If the contents of a basic data exchange diskette file are being added to an existing sequential disk file, you must increase the size of the disk file before rerunning the job. Use the SAVE and RESTORE procedures to increase the size of the existing disk file. For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

If data was not being added to an existing disk file, increase the amount of space specified for the disk file; then rerun the job.

SCP-1541 RECL TOO LARGE—POSSIBLE TRUNCATION

Cause: Operating or programming error.

Operator: The record length of the file you are adding from diskette is larger than the record length of the file on disk, or the record length of the file on disk being transferred to diskette is greater than 128.

Select option 0 if you want the transfer to occur. The transfer will truncate the record length to 128 (if going from disk to diskette), or it will truncate the record length of the diskette file to that of the disk file if doing a transfer with add.

Select option 2 for controlled cancel with no data transfer.

Select option 3 to cancel the job with no data transferred.

SCP-1560 INQUIRY MODE--FILE DISPLAY UNPREDICTABLE

Cause: Informational message.

Operator: The system is in inquiry mode. The inquiry program you are trying to run is referencing a file being used by the interrupted program and might not reflect any modifications made by the interrupted program. Select option 0 to continue with the file display, select option 2 for a controlled cancel, or select option 3 to return to the interrupted program.

SCP-1561 CANNOT REORG INDEXED FILE FROM RD TO FD

Cause: Operating or programming error.

Operator: Select option 3.

Note: This message was issued by the copy utility (\$COPY). REORG-YES was specified on the // COPYFILE control statement, but the input file is an indexed file on diskette. REORG-YES can be specified only when the input is an indexed file on disk or a sequential file on disk or diskette.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1563 FORMAT OF FILE ON DISKETTE IS INCORRECT

Cause: Operating or programming error.

Operator: The program is attempting to copy a file from the diskette, but the file is not in the required format. Select option 3.

Note: This message was issued by the copy utility (\$COPY), which might have been evoked by the RESTORE procedure. The characters FMT1 are not the first four characters in what should be the embedded format 1 for the file.

Four possible errors are:

- You are trying to copy a library member to disk. Use the TOLIBR statement to replace a member in the library.
- You are trying to copy a file that is in basic data exchange format.
- You are trying to copy an offline multivolume file.
- You are trying to copy a file created in some unknown format.

SCP-1564 ALL FILES WERE NOT SUCCESSFULLY RESTORED

Cause: System programming error.

Operator: A system operation was unsuccessful. All files were not successfully restored. Select option 3.

SCP-1565 SEQUENTIAL FILE--REORG WITHOUT DELETE

Cause: Informational message, operating or programming error.

Operator: Do one of the following:

- If you want to copy the sequential file without deleting any records, select option 0.
- If you are running a procedure, a command statement parameter might be incorrect. Select option 3.
- If you are entering control statements from the keyboard, the // COPYFILE statement is incorrect. Select option 3.

Note: This message was issued by the copy utility (\$COPY), which might have been evoked by the ORGANIZE procedure. A request was made that a sequential file be reorganized, but either the DELETE parameter in the // COPYFILE utility control statement or the parameters in the ORGANIZE command statement that describe the records to be deleted was not specified.

SCP-1566 CANNOT DELETE RECORDS FROM A DIRECT FILE

Cause: Programming error.

Operator: Select option 3.

Note: This message was issued by the copy utility (\$COPY), which might have been evoked by the ORGANIZE procedure. An attempt was made to delete records from a direct file during a file copy, but records may be deleted from a direct file only when it is being displayed.

SCP-1567 DIRECT FILE--REORG WITHOUT KEY STMT

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, a required control statement was not entered. Select option 3.

Note: The copy utility (\$COPY) issued this message. An attempt was made to reorganize the records in a direct file, but a // KEY utility control statement was not specified in the control statements for \$COPY. A direct file can only be reorganized when an indexed file is the result.

SCP-1568 DELETE POSITION EXCEEDS RECORD LENGTH

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering control statements from the keyboard, the // COPYFILE statement is incorrect. Select option 3.

Note: This message was issued by the copy utility (\$COPY), which might have been evoked by the ORGANIZE procedure. An attempt was made to delete records whenever the specified character is in the specified record position, but the specified record position is larger than the size of the record. Check the position parameter in the // COPYFILE utility control statement or the value parameter in the ORGANIZE command statement.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1569 SELECT KEY/PKY ONLY FOR INDEXED FILES

Cause: Programming error.

Operator: Select option 3.

Note: The copy utility (\$COPY) issued this message. KEY or PKY was specified in the // SELECT utility control statement, but the file specified as the input file (COPYIN) is not an indexed file. Use KEY or PKY parameter only when the input file is an indexed file.

SCP-1570 KEY LENGTHS DON'T MATCH

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering control statements from the keyboard, the // SELECT statement is incorrect. Select option 3.

Note: An attempt was made to copy or display only a portion of the input file, but the key specified in either the TO or FROM parameter was longer than the keys in the input file. Too many characters were specified in the TO or FROM keyword parameter of the // SELECT utility control statement.

SCP-1571 KEY LOCATION EXCEEDS RECORD LENGTH

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering control statements from the keyboard, the // KEY statement is incorrect. Select option 3.

Note: The copy utility (\$COPY) issued this message. An attempt was made to organize a sequential file to an indexed file, but the key location plus the key length specified in the POSITION parameter of the // KEY control statement is larger than the size of the records in the input file. Check the POSITION parameter.

SCP-1572 NO COPYIN/COPYO STMT

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, a required // FILE statement was not entered or was entered incorrectly. Select option 3.

Note: This message was issued by the copy utility (\$COPY), which might have been evoked by one of the following procedures :

DISPLAY
ORGANIZE
RESTORE
SAVE

Either the COPYIN or COPYO file statement was missing from the control statements for the \$COPY. The COPYIN file statement is always required. The COPYO file statement is required except when displaying a file.

SCP-1573 USE FROMLIBR/TOLIBR TO COPY #LIBRARY

Cause: Programming error.

Operator: Select option 3.

Note: This message was issued by the copy utility (\$COPY), which might have been evoked by one of the following procedures:

DISPLAY
RESTORE
SAVE

#LIBRARY was specified in the LABEL parameter of either the COPYIN or COPYO file statement. \$COPY cannot be used to copy library members or the entire library. To copy library members, use the FROMLIBR or TOLIBR procedure. To copy the entire library, use the BACKUP or RELOAD procedure. For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1574 FORMAT OF FILE ON DISKETTE IS INCORRECT

Cause: Operating or programming error.

Operator: The inserted diskette cannot be processed by the program being executed. Select option 3. If the wrong diskette is inserted, insert the correct one; then rerun the job.

Note: This message was issued by the copy utility (\$COPY), which might have been evoked by either the ORGANIZE or RESTORE procedure. The input file specified in the COPYIN file statement is a diskette file in basic data exchange format. Files specified as either input or output files for \$COPY must be in system format. To copy a basic data exchange file, use the TRANSFER procedure. For further information about the TRANSFER procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1575 SPECIFIED FILE NOT FOUND

Cause: Operating or programming error.

Operator: An attempt was made to delete a file from either the disk or a diskette, but the file is not on the disk or diskette.

If the wrong diskette is inserted, insert the correct one; then select option 1. If you are running a procedure and want to continue the procedure, select option 0. Otherwise, select option 3.

Note: If this error occurred while you were attempting to remove a library member, the DELETE command statement was entered instead of the REMOVE command statement.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1577 SELECT KEY VALUES--TO LESS THAN FROM

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering control statements from the keyboard, the // SELECT statement is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The copy utility (\$COPY) issued this message.

An attempt was made to copy or display a portion of an indexed file, but the key value specified in the TO parameter of the // SELECT utility control statement was less than the value specified in the FROM keyword parameter. The FROM value must be equal to or less than the TO value.

SCP-1579 SELECT RECORD VALUES--TO LESS THAN FROM

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering control statements from the keyboard, the // SELECT statement is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: This message was issued by the copy utility (\$COPY), which might have been evoked by the DISPLAY procedure. An attempt was made to copy or display a portion of a file, but the relative record number specified in the TO parameter of the // SELECT utility control statement was less than the value specified in the FROM parameter. The FROM value must be equal to or less than the TO value.

SCP-1580 KEYLENGTH INVALID--EXCEEDS 29 CHARS

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering control statements from the keyboard, the // KEY statement is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The copy utility (\$COPY) issued this message.

The LENGTH parameter specified in the // KEY control statement is too large. The LENGTH parameter specifies the length of the key and cannot exceed 29.

SCP-1582 INVALID CHARACTER SPECIFICATION

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering control statements from the keyboard, the // COPYFILE statement is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The copy utility (\$COPY) issued this message. An attempt was made to delete records from a file whenever the specified character is in the specified record position, but the specified character is invalid. Check the character portion of the DELETE parameter in the // COPYFILE utility control statement.

SCP-1584 DELETE POSITION INVALID--EXCEEDS 999

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering control statements from the keyboard, the // COPYFILE statement is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: This message was issued by the copy utility (\$COPY), which might have been evoked by the ORGANIZE procedure. An attempt was made to delete records from a file whenever the specified character is in the specified record position, but the specified record position exceeds 999. Check the position portion of the DELETE parameter in the //COPYFILE utility control statement or the value parameter in the ORGANIZE command statement.

SCP-1590 KEY POSITION IS 0--SHOULD BE 1-999

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering control statements from the keyboard, the // KEY statement is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The copy utility (\$COPY) issued this message. A value of zero was specified in the POSITION parameter of the //KEY utility control statement. The POSITION parameter specifies the location of the key within the record and must have a value of 1 through 999.

SCP-1591 DELETE POSITION IS 0--SHOULD BE 1-999

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering control statements from the keyboard, the // COPYFILE statement is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: This message was issued by the copy utility (\$COPY), which the ORGANIZE procedure might have evoked. An attempt was made to delete records from a file whenever the specified character is in the specified record position, but the specified position is zero. The position must be from 1 through 999. Check the position portion of the DELETE parameter in the // COPYFILE utility control statement or in the value parameter of the ORGANIZE command statement.

SCP-1592 FROM VALUE NOT IN QUOTES

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the // SELECT statement is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The copy utility (\$COPY) issued this message. In the // SELECT utility control statement, enclose the FROM parameter value in quotes.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1593 TO VALUE NOT IN QUOTES

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the // SELECT statement is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The copy utility (\$COPY) issued this message. In the // SELECT utility control statement, enclose the TO parameter value in quotes.

SCP-1594 SELECT RECORD VALUE NOT NUMERIC

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the // SELECT statement is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: This message was issued by the copy utility (\$COPY), which might have been evoked by the DISPLAY procedure. An attempt was made to copy or display a portion of the input file. However, the relative record number (specified in either the TO or FROM parameter in the // SELECT utility control statement) contains a nonnumeric character. The relative record number must contain only numeric characters. Check the TO and FROM parameters in the // SELECT utility control statement or the value-1 and value-2 parameters in the DISPLAY command statement.

SCP-1595 NO CONTROL STMTS SPEC'D--REQUEST IGNORED

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, a required utility control statement was not entered. Select option 3.

Note: The copy utility (\$COPY) issued this message. No utility control statements were specified between the // RUN and the // END statements. The // COPYFILE control statement is always required.

SCP-1596 NO QUOTE PRECEDING DELETE VALUE

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the // COPYFILE statement is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The copy utility (\$COPY) issued this message. A quote did not precede the position specified in the DELETE parameter. The DELETE parameter, which is used in the // COPYFILE statement, has the following format:

DELETE-'position,character'

SCP-1599 FILE INDEXED--SELECT WITH REORG INVALID

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, a control statement is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: REORG-YES was specified in the // COPYFILE utility control statement for an indexed file, but a // SELECT utility control statement was also specified. Do not specify the // SELECT utility control statement if you specify REORG-YES in the // COPYFILE utility control statement.

SCP-1600 KEY STMT INVALID WITH INDEXED FILE

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, a control statement is incorrect. Select option 3.

Note: The copy utility (\$COPY) issued this message. A // KEY utility control statement was specified, but the input file is an indexed file. Do not specify the // KEY statement if the input file is indexed.

SCP-1601 NOT ENOUGH MAIN STORAGE

Cause: System programming error.

Operator: This program cannot be run. Select option D.

Note: This message was issued by the copy utility (\$COPY), which might have been evoked by one of the following procedures:

DISPLAY
ORGANIZE
RESTORE
SAVE

Not enough space exists in main storage to run the copy utility.

SCP-1602 RECORD LENGTH IS ZERO

Cause: Programming error.

Operator: The specified file cannot be processed by the program being executed. Select option 3.

Note: This message was issued by the copy utility (\$COPY), which one of the following procedures might have evoked:

DISPLAY
ORGANIZE
RESTORE
SAVE

The records in the input file have a length of zero bytes. Therefore, \$COPY cannot read records from this file.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1603 INVALID FILE TYPE DESIGNATION

Cause: Programming error.

Operator: Select option 3.

Note: This message was issued by the copy utility (\$COPY), which might have been evoked by one of the following procedures:

DISPLAY
ORGANIZE
RESTORE
SAVE

The format 1 for the input file contains an invalid file type designation. Therefore, \$COPY cannot read records from this file. Check that the file was created correctly.

SCP-1604 UNSUCCESSFUL FILE ALLOCATION

Cause: Operating or programming error.

Operator: Select option 3.

Note: This message was issued by the copy utility (\$COPY), which might have been evoked by the ORGANIZE or RESTORE procedure, or issued by the linkage editor (#LINKK). An attempt was made to allocate a file on the disk, but the special allocate request was unsuccessful. A probable cause of this error is that not enough space exists on the disk for the file(s) being restored. For further information about the \$COPY utility or the ORGANIZE and RESTORE procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

Before rerunning the job, you can use the CATALOG procedure to see if there is enough space on the disk. You can make space available on the disk for the file(s) being restored by doing the following:

- Use the SAVE procedure to save copies of files you are going to delete.
- Use the DELETE procedure to delete files.
- Use the COMPRESS procedure to place all unused space in one continuous area on the disk.

For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1605 NOT ENOUGH SPACE ALLOCATED FOR DATA

Cause: Programming error.

Operator: The output file is not large enough. Select option 3.

Note: This message was issued by the copy utility (\$COPY), which might have been evoked by the RESTORE procedure. An attempt was made to write data beyond the end of the space allocated for the output file. The space allocated for the output file must be at least as large as the data space on the input file. (Specify RECORDS or BLOCKS to be larger in the // FILE statement.)

SCP-1606 USE LISTLIBR TO DISPLAY LIBRARY

Cause: Operating or programming error.

Operator: The system library cannot be displayed by the program being executed. Select option 3.

Note: This message was issued by the copy utility (\$COPY), which might have been evoked by the DISPLAY procedure. An attempt was made to use the copy utility to list the contents of #LIBRARY. To list the contents of #LIBRARY, use the LISTLIBR procedure. For further information about the LISTLIBR procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1607 KEY STATEMENT INVALID WITH PRINT

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, a control statement is incorrect. Select option 3.

Note: The copy utility (\$COPY) issued this message. The OUTPUT-PRINT or OUTPUTX-PRINT parameter was specified in the // COPYFILE statement, but a // KEY control statement was also specified. Do not specify the // KEY control statement when you specify OUTPUT-PRINT or OUTPUTX-PRINT in the // COPYFILE control statement.

SCP-1608 KEY LENGTH IS ZERO--SHOULD BE 1-29

Cause: Programming error.

Operator: Select option 3.

Note: This message was issued by the copy utility (\$COPY), which might have been evoked by one of the following procedures:

DISPLAY
ORGANIZE
RESTORE
SAVE

The format 1 for the input file indicates that the keys for the file have a length of zero bytes. Therefore, the copy utility cannot read from this file. Check that the file was created correctly.

SCP-1609 FILE RECORD LENGTHS NOT EQUAL

Cause: Programming error.

Operator: Select option 3.

Note: The copy utility (\$COPY) issued this message. An attempt was made to add the contents of a sequential disk file to the contents of a sequential diskette file, but the length of the records in the two files is not the same. Records from one file can be added to the contents of another file only if the record length is the same for both files.

SCP-1614 INSERT NEXT DISKETTE IN SEQUENCE

Cause: Informational message.

Operator: All of the files on the inserted diskette were read. Insert the next sequential diskette; then select option 1 to continue. Otherwise, select option 2 or 3 to cancel the job.

SCP-1616 INSERT DISKETTE WITH DESIRED FILE

Cause: Operating or programming error.

Operator: If the wrong diskette is inserted, insert the correct one; then select option 1. Otherwise, select option 2 or 3 to cancel the job.

Note: A file that cannot be restored with the RESTORE ALL command statement is on the inserted diskette.

Two possible reasons for the error are:

- The file was not created by \$COPY.
- A diskette was inserted out of order.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1617 NO FILES ON DISK

Cause: Informational message.

Operator: No files are on the disk. Select option 0 to continue. Otherwise, select option 3 to cancel the job.

Note: This message was issued by the copy utility (\$COPY), which might have been evoked by the SAVE procedure. No entries are in the disk VTOC.

SCP-1618 DISKETTE IS FULL--INSERT NEW DISKETTE

Cause: Informational message.

Operator: The inserted diskette is full. Insert another diskette; then select option 1. Otherwise, select option 3 to cancel the job.

SCP-1619 DUPLICATE FILENAME--INSERT NEW DISKETTE

Cause: Informational message.

Operator: The inserted diskette already has a file with the same name. Insert another diskette and select option 1. Otherwise, select option 3 to cancel the job.

Note: This message was issued by the copy utility (\$COPY), which might have been evoked by the SAVE procedure. In the process of saving all the disk files on the diskette(s), there was an attempt to put date chained files on the same diskette.

SCP-1620 THE SPECIFIED FILENAME IS #LIBRARY

Cause: Operating or programming error.

Operator: The program being executed attempted to delete the system library. Select option 3.

Note: This message was issued by the delete utility (\$DELETE), which might have been evoked by the DELETE procedure. An attempt was made to use the delete utility to delete #LIBRARY. #LIBRARY cannot be deleted.

SCP-1621 FILENAME OCCURS MORE THAN ONCE

Cause: Operating or programming error.

Operator: An attempt is being made to delete a file from the disk, but there is more than one file with the filename specified. If you select option 0, all files with that name are deleted. Select option 0 only if you are sure that all files with the specified name should be deleted. Otherwise, select option 3 to terminate the job.

Note: This message was issued by the delete utility (\$DELETE), which the DELETE procedure might have evoked. More than one file on the disk has the filename of the file you want deleted. To delete a specific file with that name, you must also specify the date.

SCP-1622 PARAMETER 3 IS INVALID

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or enter another statement.

Note: An invalid parameter was specified in the third parameter position of the DELETE command statement. The only valid entries are SCRATCH, REMOVE, ERASE, or NULL.

SCP-1623 I/O ERROR PROCESSING A FILE LABEL

Cause: Disk or diskette error.

Operator: A disk or diskette error was detected. Select option 3; then do one of the following :

- If the error occurred during a disk read or write operation, rerun the job. If the error persists, notify your IBM customer engineer.
- If the error occurred during a diskette read or write operation, attempt to initialize the diskette before using it again.

Note: This message was issued either by the delete utility (\$DELET), which might have been invoked by the DELETE procedure, or by the convert header labels utility (\$CNVRT), which might have been invoked by the CONVERT procedure. An error was detected during a read operation on the disk or diskette VTOC.

SCP-1624 DISKETTE I/O ERROR

Cause: Diskette error.

Operator: Select option 3.

Note: This message was issued by the delete utility (\$DELET), which might have been evoked by the DELETE procedure. An error was detected during an attempt to erase a diskette file. Use the COPYI1 procedure to copy all other files to another diskette. Then use the INIT procedure to attempt to correct the diskette containing the error. For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1625 INVALID DATE PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering control statements from the keyboard, either the // SCRATCH or // REMOVE statement is incorrect.

Note: This message was issued by the delete utility (\$DELET), which might have been evoked by the DELETE procedure. An invalid date parameter was specified. Check the date parameter in the // SCRATCH or // REMOVE utility control statement or in the DELETE command statement. Two possible errors are:

- Letters were specified instead of number (30JU73 instead of 300673).
- Too few or too many digits were specified (30673 instead of 300673).

SCP-1626 RD REMOVED BEFORE OPERATION COMPLETE

Cause: Operating error.

Operator: The diskette door was opened before the delete operation was completed. Be sure the correct diskette is inserted and close the door; then select option 0. Otherwise, select option 3 to cancel the job.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1627 DATA AREA ZEROED AS REQUESTED

Cause: Informational message.

Operator: The requested delete operation is complete.
No operator action is required.

Note: All of the bytes within the physical extents of the deleted files were set to zeros.

SCP-1628 END OF RD--INSERT NEXT RD TO BE DELETED

Cause: Informational message.

Operator: All files are deleted from the inserted diskette.
If all files are to be deleted from another diskette, insert it; then select option 0. Otherwise, select option 2 to terminate the delete operation normally.

SCP-1640 PERM I/O ERROR ON RD--NO DATA COPIED

Cause: Diskette error.

Operator: An error was detected on the inserted diskette.
Do one of the following :
— If you are entering control statements from the keyboard, you can select option 0; then enter another control statement.
— If you have a backup diskette, mount it; then select option 1.
— Select option 3 to cancel the job.

Note: This message was issued by the diskette copy utility (\$DUPRD), which might have been evoked by the COPYI1 procedure. At least one permanent diskette error is on the diskette, and the operator chose not to correct the data when the error was detected.

SCP-1641 PERM I/O ERROR ON DISKETTE TRACK 0

Cause: Diskette error.

Operator: An error occurred while the system was trying to process the diskette. Select option 3; then rerun the job. If this error recurs, the diskette cannot be used.

Note: This message was issued by the diskette copy utility (\$DUPRD), which might have been evoked by the COPYI1 procedure. A diskette error occurred during an attempt to read or write the diskette labels.

SCP-1642 NOT ENOUGH SPACE ON FD TO COPY RD

Cause: Programming error.

Operator: Select option 3.

Note: This message was issued by the diskette copy utility (\$DUPRD), which might have been evoked by the COPYI1 procedure. Not enough space exists on disk for the specified copy operation. The diskette copy utility requires enough space on the disk to contain the data being copied.

You can make space available on the disk for the data being copied from the diskette by doing the following:

- Use the SAVE procedure to save copies of files you are going to delete.
- Use the DELETE procedure to delete files.
- Use the COMPRESS procedure to place all unused space in one continuous area on the disk.

You can use the CATALOG procedure to display the present contents of the disk VTOC. For further information about these procedures, see the *IBM System/32 System Programming Reference Manual*, GC21-7593.

**SCP-1643 NO FD FILE STMT
ALLOWED--ONE WAS FOUND**

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard a // FILE statement is incorrect. Select option 3.

Note: The diskette copy utility (\$DUPRD) issued this message. A file statement was specified for a disk file. Do not specify a file statement for a disk file.

**SCP-1644 DISKETTE FILE STATEMENT NOT
SPECIFIED**

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, a // FILE statement is either missing or incorrect.

Note: The diskette copy utility (DUPRD) issued this message. A file statement was not specified for the COPYI1 file. The following // FILE statement is always required between the // LOAD \$DUPRD and the // RUN statements :

// FILE NAME-COPYI1,UNIT-I1

SCP-1645 DISKETTE NOT READY

Cause: Operating error.

Operator: The diskette is inserted incorrectly. Remove the diskette and insert it correctly; then select option 0. Otherwise, select option 3 to cancel the job.

**SCP-1646 SPECIFIED FILE NOT ON THIS
DISKETTE**

Cause: Operating error.

Operator: The required file is not on the inserted diskette. Do the following:

1. Check the diskette. If incorrect, insert the correct diskette; then select option 1.
2. If you are running the COPYI1 procedure, check the COPYI1 command statement. If entered incorrectly, select option 3; then enter the correct command statement.
3. If you are entering control statements from the keyboard, check the // COPYI1 statement. If entered incorrectly, select option 0; then enter the correct statement.
4. If the correct diskette is mounted and all statements are entered correctly, select option 3. The file was either not created correctly, or was deleted. Rerun the job that creates the file; then rerun this job.

Note: This message was issued by the diskette copy utility (\$DUPRD), which might have been evoked by the COPYI1 procedure. The file to be copied was not on the diskette.

**SCP-1647 INSERT DISKETTE THAT IS TO
RECEIVE COPY**

Cause: Informational message.

Operator: Data is being copied from one diskette to another. The data to be copied was read. Insert the diskette to which the data is to be copied; then select option 0. Otherwise, select option 3 to cancel the job.

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- Option 0:** Continue the job. The OCL statement in error is ignored.
Option 1: Retry the operation and continue the job.
Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.
Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1648 INSERTED DISKETTE CONTAINS NO FILES

Cause: Operating error.

Operator: The diskette is empty. If it is the wrong diskette, insert the correct one; then select option 1. Generally, if the correct diskette is inserted, select option 3 to cancel the job.

However, if you are entering control statements from the keyboard, you can select option 0; then enter another control statement.

Note: This message was issued by the diskette copy utility (\$DUPRD), which might have been evoked by the COPYI1 procedure. The diskette from which files are to be copied is empty.

SCP-1649 PERMANENT OUTPUT ERROR ON RD

Cause: Diskette error.

Operator: An error occurred while data was being written to the diskette. Do one of the following:

- Insert another diskette with the same volume ID; then select option 1 to continue writing data on the new diskette.
- Select option 3 to cancel the job. Initialize the diskette containing the error before rerunning this job.
- If you are entering control statements from the keyboard, you can select option; then enter another control statement.

Note: This message was issued by the diskette copy utility (\$DUPRD), which might have been evoked by the COPYI1 procedure. A diskette error occurred while the file was being copied to the diskette. This error can only occur when all files on a diskette are being copied to another diskette or when a segment of a multivolume file is being copied to another diskette.

SCP-1650 END OF DISKETTE

Cause: Operating error.

Operator: The inserted diskette cannot be used for this job. Do one of the following:

- Insert another diskette; then select option 1.
- Select option 3 to cancel the job.
- If you are entering control statements from the keyboard, you can select option 0; then enter another control statement.

Note: This message was issued by the diskette copy utility (\$DUPRD), which might have been evoked by the COPYI1 procedure. This error can only occur when all files on a diskette are being copied to another diskette or when a segment of a multivolume file is being copied to a diskette.

SCP-1651 NO VALID COPYI1 CONTROL STMT SPECIFIED

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error.

If you are entering control statements from the keyboard, a required control statement was not entered. Select option 0 or 3; then rerun the job. (If you select option 0, the job terminates normally, but no copy operation is performed.)

Note: The copy utility (\$DUPRD) issued this message. No utility control statements were specified between the // RUN and // END statements. Always specify the // COPYI1 utility control statement when you run \$DUPRD.

SCP-1652 INSERT NEXT DISKETTE TO BE COPIED

Cause: Informational message.

Operator: Data is being copied from one set of diskettes to another. Insert the next diskette from which data is to be copied; then select option 0. Otherwise, select option 3 to cancel the job.

SCP-1660 MISSING OR UNRECOGNIZABLE CONTROL STMT

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, a statement is either missing or incorrect. Select option 3.

Note: The history file display utility (\$HIST) or the set system environment utility (\$SETCF) issued this message. Either a utility control statement that was not recognized by the utility was specified, or a required utility control statement was not specified.

SCP-1670 DISKETTE IS UNUSABLE--TRACK 0 DEFECTIVE

Cause: Diskette error.

Operator: The diskette inserted is defective. Select option 3.

Note: This message was issued by the diskette labeling and initialization utility (\$INIT), which might have been evoked by the INIT procedure. Track 0 of the diskette is defective.

SCP-1671 DISKETTE IS UNUSABLE--3 DEFECTIVE TRACKS

Cause: Diskette error.

Operator: The inserted diskette is defective. Select option 3.

Note: This message was issued by the diskette labeling and initialization utility (\$INIT), which might have been evoked by the INIT procedure. More than two tracks are defective on the diskette.

SCP-1672 SPEC'D VOL ID DOESN'T MATCH DISKETTE

Cause: Operating or programming error.

Operator: The inserted diskette is not the one specified for this job. Check the diskette. If incorrect, insert the correct one; then select option 1.

If you inserted the correct diskette, a command statement parameter or a control statement is incorrect. Select option 3.

Note: This message was issued by the diskette labeling and initialization utility (\$INIT), which might have been evoked by the INIT procedure; or it was issued by the delete utility (\$DELETE), which might have been evoked by the DELETE procedure. The volume ID of the inserted diskette does not match the PACK parameter specified.

SCP-1673 PERMANENT DISKETTE ERROR

Cause: Diskette error.

Operator: A diskette error occurred during initialization of the diskette. Select option 3; then:

- If FORMAT was specified in the INIT command statement, notify your IBM customer engineer.
- If FORMAT was not specified in the INIT command statement, use the SAVE procedure to save any required files; then reenter the command statement and specify the FORMAT parameter. If this error persists, notify your IBM customer engineer.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1674 INVALID DISKETTE FORMAT

Cause: Operating error.

Operator: An attempt was made to use the INIT procedure to rename an unformatted diskette. Select option 3; then :

- If the wrong diskette is inserted, insert the correct one; then rerun the job.
- Otherwise, use the SAVE procedure to save any required files; then specify the FORMAT parameter when you rerun the job.

Note: This message was issued by the diskette labeling and initialization utility (\$INIT), which might have been evoked by the INIT procedure. You specified that a diskette be renamed but the inserted diskette is not formatted correctly. These operations can only be performed on a correctly formatted diskette.

SCP-1675 ACTIVE FILE(S) EXIST ON DISKETTE

Cause: Operating error.

Operator: An attempt is being made to initialize a diskette that contains one or more active files. If the correct diskette is inserted, select option 0; the existing data is deleted. If the existing data should not be deleted, select option 3 to cancel the job.

Note: This message was issued by the diskette labeling and initialization utility (\$INIT), which might have been evoked by the INIT procedure. At least one active file is on the diskette you are trying to initialize. You can use the CATALOG procedure to determine which diskette files are active. For further information about the CATALOG procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1677 RECL TOO LARGE FOR FORMAT/DELETE OPTIONS

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3. If you are entering control statements from the keyboard, and OPTION-FORMAT was entered, the last statement entered was in error. Select option 1 and reenter the corrected statement. Otherwise, select option 3 to cancel the job.

Note: A record length (RECL) of 128 bytes is maximum for an OPTION-FORMAT operation. For an OPTION-DELETE operation the maximum record length is 128 bytes for a basic data exchange diskette (128-byte sectors), and 512 bytes for an extended format diskette (512-byte sectors).

SCP-1678 INVALID CHAR IN PACK PARAM

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering control statements from the keyboard, the // VOL statement is incorrect. Select option 3.

Note: This message was issued by the diskette labeling and initialization utility (\$INIT), which the INIT procedure might have evoked. The PACK parameter specified either in the INIT command or in the // VOL control statement contains an invalid character. The PACK parameter can contain only alphabetic characters (A through Z, @, #, or \$) and numeric characters (0 through 9).

**SCP-1679 DRAWER OPENED DURING
INITIALIZATION**

Cause: Operating error.

Operator: The diskette door was opened before the job was complete. Select option 3; then rerun the job.

**SCP-1718 INQUIRY MODE--FILE STATUS
UNPREDICTABLE**

Cause: Informational message.

Operator: The system is in inquiry mode. The inquiry program you are trying to run is referencing a file being used by the interrupted program and might not reflect any modifications made by the interrupted program. Select option 0 to continue with VTOC display, select option 2 for a controlled cancel, or select option 3 to return to the interrupted program.

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- Option 0:** Continue the job. The OCL statement in error is ignored.
 - Option 1:** Retry the operation and continue the job.
 - Option 2:** Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.
 - Option 3:** Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
 - Option D:** Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1720 INVALID SOURCE CONTROL STATEMENT

Cause: Programming error.

Operator: Select option 3.

Note: This message was issued by the create message member utility (\$MGBLD), which might have been evoked by the CREATE procedure. The first record of the message source member is not the required control statement.

Replace the existing message source member with a source member containing the required control statement. Use the library maintenance utility (\$MAINT) to replace the source member. For further information about \$MAINT, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1721 NO MESSAGE TEXT STMTS IN SOURCE MEMBER

Cause: Programming error.

Operator: Select option 3.

Note: This message was issued by the create message member utility (\$MGBLD), which might have been evoked by the CREATE procedure. The message source member does not contain any message text statements.

Replace the existing message source member with a source member containing the message text statements that you want to be included in the message load member. Use the library maintenance utility (\$MAINT) to replace the source member. For further information about \$MAINT, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1722 INVALID MESSAGE TEXT STATEMENT

Cause: Programming error.

Operator: Select option 3.

Note: This message was issued by the create message member utility (\$MGBLD), which might have been evoked by the CREATE procedure. A message identification code (MIC) was not in the first 4-character positions of a message text statement. The first four characters of each message text statement in the source member must contain a valid MIC (a 4-character decimal number from 0000 through 9999). The message text statement in error is logged on the line preceding this error message.

Replace the existing message source member with a source member containing the corrected message text statement. Use the library maintenance utility (\$MAINT) to replace the source member. For further information about \$MAINT, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1723 MIC'S ARE NOT IN ASCENDING ORDER

Cause: Programming error.

Operator: Select option 3.

Note: This message was issued by the create message member utility (\$MGBLD), which the CREATE procedure might have evoked. The MIC (message identification code) for one of the message text statements is a smaller decimal number than the MIC for the preceding message text statement. The MICs for message text statements must be in ascending order *except* when the same MIC is specified on consecutive message text statements to cause concatenation of the text area. The message text statement in error is logged on the line preceding this message.

Replace the existing message source member with a source member containing the corrected message text statement. Use the library maintenance utility (\$MAINT) to replace the source member. For further information about \$MAINT, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1724 MESSAGE TEXT IS TOO LONG

Cause: Programming error.

Operator: Select option 3.

Note: This message was issued by the create message member utility (\$MGBLD), which might have been evoked by the CREATE procedure. A message specified in a message text statement exceeds the allowable length. A level 1 message cannot be longer than 40 characters, and a level 2 message cannot be longer than 200 characters. The message text statement that follows the one causing the error is logged on the line preceding this message.

Replace the existing message source member with a source member containing the corrected message text statements. Use the library maintenance utility (\$MAINT) to replace the source member. For further information about \$MAINT, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

-
- Option 0:** Continue the job. The OCL statement in error is ignored.
 - Option 1:** Retry the operation and continue the job.
 - Option 2:** Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.
 - Option 3:** Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
 - Option D:** Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1725 NOT ENOUGH SPACE ON DISK FOR WORK FILE

Cause: Programming error.

Operator: Not enough unused space exists on the disk to execute this job. Select option 3.

Note: This message was issued by the create message member utility (\$MGBLD), which might have been evoked by the CREATE procedure. A continuous block of unused space large enough to hold the work file the create message member utility needs does not exist on the disk.

Before performing this operation, you can make space available on the disk for the required work file by doing the following:

- Use the SAVE procedure to save copies of files you are going to delete.
- Use the DELETE procedure to delete files.
- Use the COMPRESS procedure to place all unused space in one continuous area on the disk.

You can use the CATALOG procedure to display the contents of the disk VTOC. For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1726 MESSAGE MEMBER ALREADY EXISTS

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering control statements from the keyboard, the // MGBLD statement might be incorrect. Select option 3.

Note: This message was issued by the create message member utility (\$MGBLD), which the CREATE procedure might have evoked. A message load member already exists with the name specified for the load member you are trying to create.

To replace an existing load member, specify the REPLACE parameter in the CREATE command statement or the REPLACE-YES parameter in the control statement for \$MGBLD.

To create a new load member without destroying the existing member, assign the new member a different name by changing the name specified on the source member control statement.

SCP-1727 NOT ENOUGH SPACE FOR MESSAGE MEMBER

Cause: Programming error.

Operator: Not enough unused space exists in the library to execute this job. Select option 3.

Note: This message was issued by the create message member utility (\$MGBLD), which might have been evoked by the CREATE procedure. A continuous block of unused space large enough to hold the new load member is not in the library.

Before this operation can be performed, you must make space available in the library for the new load member by doing one of the following:

- If space between the library members exists, use the CONDENSE procedure to make all unused space available. If no space exists between library members, delete unnecessary library members. To delete members, first use the FROMLIBR procedure to save the members, then use the REMOVE procedure to delete them and the CONDENSE procedure to make the freed library space available.
- To increase the size of the library, enter a // ALLOCATE statement. If disk space is not available to increase the library size, first use the \$FREE utility to collect available disk space at the end of #LIBRARY. Then enter a // ALLOCATE statement to increase the size of the library.
- Run the BACKUP and RELOAD procedures; the space allocated for the library can be changed when you run the RELOAD procedure.

For information about the \$FREE utility or the // ALLOCATE statement (\$MAINT utility), see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593. For information about procedures, see the appropriate section of that manual.

SCP-1790 IMAGE STATEMENT REQUIRED

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, a required statement was not entered. Select option 3.

Note: The set system environment utility (\$SETCF) issued this message. IMAGE-YES was specified in the // SETCF utility control statement, but no // IMAGE OCL statement was specified. If a print image is to be modified (IMAGE-YES), specify a // IMAGE statement identifying the new print image to be used.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1791 NO PARAMETERS SPECIFIED

Cause: Operating or programming error.

Operator: If you are running a procedure, this command statement might be incorrect. Select option 3.

If you are entering control statements from the keyboard, a control statement is incorrect. Select option 3.

Note: This message was issued by the set system environment utility (\$SETCF), which might have been evoked by one of the following procedures:

SET
TRACE
ALTERBSC
ALTERSDL
OVERRIDE
SPECIFY

Specify at least one parameter in a utility control statement or in a command statement.

SCP-1792 LINE TYPE CONFLICTS WITH SWITCH TYPE

Cause: Operating or programming error.

Operator: If you are running the OVERRIDE procedure, the parameter(s) specified caused an invalid combination between SWTYP and LINE. Select option 3.

Note: SWTYP may be used only in conjunction with LINE-C or LINE-S.

SCP-1793 INVALID SDLC STATION ADDRESS

Cause: Operating or programming error.

Operator: Select option 3 to cancel the job.

Note: An incorrect value was entered for the SDLC station address parameter. Specify the correct value. The valid values for the SDLC station address are hexadecimal 01 through FE.

SCP-1794 INVALID ADDRESS PARAMETER

Cause: Operating or programming error.

Operator: If you are running the OVERRIDE procedure, the OVERRIDE command statement is incorrect. Select option 3.

If you are entering control statements from the keyboard, the // SETR statement is incorrect. Select option 3.

Note: This message was issued by the set system environment utility (\$SETCF) which the OVERRIDE procedure might have evoked. An invalid value was specified in the ADDR parameter. The ADDR parameter must be the hex representation of one of the valid addressing characters listed in the appendix *Polling and Addressing Characters for System/32 Tributary Stations in the IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1795 ADDRESS AND LINE PARAMETERS CONFLICT

Cause: Operating or programming error.

Operator: If you are running the OVERRIDE procedure, the OVERRIDE command statement is incorrect. Select option 3.

If you are entering control statements from the keyboard, the // SETR statement is incorrect. Select option 3.

Note: This message was issued by the set system environment utility (SETCF) which the OVERRIDE procedure might have evoked. The ADDR parameter was specified, but LINE-R or LINE-T was not specified. ADDR is only valid when the line definition is LINE-R or LINE-T.

SCP-1796 INVALID SDLC ID PARAMETER

Cause: Operating or programming error.

Operator: Select option 3.

Note: An incorrect value was entered for the ID parameter. Specify the correct value. The valid values for each of the five ID digits are alphabetic characters 0 through 9 and A through F (therefore, valid ID parameters are from X'00000' through X'FFFFF').

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1801 0-NEXT PAGE,1-PRINT BELT, 2-END,3-CANCEL

Cause: Informational message.

Operator: This message is issued during execution of the STATUS procedure. The option you select determines the next operation STATUS performs:

- Option 0: Display next page. Another page of information is displayed.
- Option 1: Display print image. The print image is displayed.
- Option 2: Controlled cancel. STATUS is terminated, but the procedure continues. If you entered a command other than STATUS, the procedure continues processing.
- Option 3: Immediate cancel.

SCP-1810 NOT ENOUGH DISK SPACE FOR PTF WORKFILE

Cause: Programming error.

Operator: A program your IBM programming representative uses for the support of your system issued this message. Select option 3.

Note: The program temporary fix utility (\$FEFIX) issued this message. A minimum of 19 adjacent blocks of space is needed for the \$FEFIX work file.

You can make space available on the disk for the required work file by doing the following:

- Use the SAVE procedure to save copies of files you are going to delete.
- Use the DELETE procedure to delete files.
- Use the COMPRESS procedure to place all unused space in one continuous area on the disk.

You can use the CATALOG procedure to display the contents of the disk VTOC. For further information, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-1812 STATEMENT SEQUENCE ERROR

Cause: Operating or programming error.

Operator: A program your IBM programming representative uses for the support of your system issued this message. The last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The program temporary fix utility (\$FEFIX) issued this message. The control statements for \$FEFIX were specified out of order.

SCP-1813 INVALID STATEMENT TYPE

Cause: Operating or programming error.

Operator: A program your IBM programming representative uses for the support of your system issued this message. The last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The program temporary fix utility (\$FEFIX) issued this message. An invalid control statement was specified. The only valid control statements for \$FEFIX are:

- HDR
- PTF
- DATA
- END (Must be the last statement in a procedure, but must not be used from the keyboard.)
- *

SCP-1814 END OF FILE ERROR

Cause: Operating or programming error.

Operator: A program your IBM programming representative uses for the support of your system issued this message. An invalid statement was entered. Select option 3.

Note: The program temporary fix utility (\$FEFIX) issued this message. A /* was received from the keyboard. /* indicates the end of the file from the system input device and is not recognized by \$FEFI

SCP-1815 ODD NUMBER OF CHARACTERS IN A HEX FIELD

Cause: Operating or programming error.

Operator: A program your IBM programming representative uses for the support of your system issued this message. The last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The program temporary fix utility (\$FEFIX) issued this message. An odd number of characters was specified in a hex field. The checksum fields in the HDR, PTF and END statements and all the fields in the DATA statement must contain an even number of hex characters.

SCP-1816 NON-HEX CHAR IN A HEX FIELD

Cause: Operating or programming error.

Operator: A program your IBM programming representative uses for the support of your system issued this message. The last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The program temporary fix utility (\$FEFIX) issued this message. A nonhex character was specified in a hex field. The checksum fields in the HDR, PTF and END statements and all the fields in the DATA statement must contain an even number of hex characters.

SCP-1817 CHECK SUM INVALID

Cause: Operating or programming error.

Operator: A program your IBM programming representative uses for the support of your system issued this message. The last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The program temporary fix utility (\$FEFIX) issued this message. An invalid checksum was specified. Either a 4-character hex number was not specified in one of the checksum fields, or the checksum \$FEFIX calculated did not match the checksum specified.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1818 HDR--PTF ID MISSING OR INVALID

Cause: Operating or programming error.

Operator: A program your IBM programming representative uses for the support of your system issued this message. The last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The program temporary fix utility (\$FEFIX) issued this message. The PTFID parameter in the HDR control statement is either missing or does not contain ten characters. The PTFID parameter must be exactly ten characters long.

SCP-1820 PTF--RELEASE LEVEL MISSING OR INVALID

Cause: Operating or programming error.

Operator: A program your IBM programming representative uses for the support of your system issued this message. The last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The program temporary fix utility (\$FEFIX) issued this message. The level parameter in the PTF control statement is either missing or does not contain three characters. The level parameter must be exactly three characters long.

SCP-1821 PTF--MODULE NAME MISSING OR INVALID

Cause: Operating or programming error.

Operator: A program your IBM programming representative uses for the support of your system issued this message. The last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The program temporary fix utility (\$FEFIX) issued this message. The module name parameter in the PTF control statement is either missing or is longer than eight characters. The module name parameter is required.

SCP-1822 PTF--OVERLAY NUMBER INVALID

Cause: Operating or programming error.

Operator: A program your IBM programming representative uses for the support of your system issued this message. The last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The program temporary fix utility (\$FEFIX) issued this message. An invalid overlay number was entered in the PTF control statement. Some possible errors are:

- The overlay number specified is not two characters long.
- An overlay number of zero was specified.
- An overlay number was specified, but the module does not have overlays.
- An overlay number which is larger than the number of overlays in the module was specified.

SCP-1823 PTF--INVALID MODULE TYPE

Cause: Operating or programming error.

Operator: A program your IBM programming representative uses for the support of your system issued this message. The last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The program temporary fix utility (\$FEFIX) issued this message. An invalid module type was specified to be patched. Check that you specified the correct type before the module name parameter in the PTF statement.

SCP-1824 PTF--ID AND MODULE NAME DON'T MATCH

Cause: Operating or programming error.

Operator: A program your IBM programming representative uses for the support of your system issued this message. The last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The program temporary fix utility (\$FEFIX) issued this message. The first five characters of the module name parameter specified in the PTF statement were not the same as the first five characters of the PTFID parameter in the HDR statement.

SCP-1825 PTF--MODULE NOT IN LIBRARY

Cause: Operating or programming error.

Operator: A program your IBM programming representative uses for the support of your system issued this message. The last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The program temporary fix utility (\$FEFIX) issued this message. The module specified in the PTF statement is not in the library. Check the specified module name.

SCP-1826 PTF--RELEASE LEVELS DON'T COMPARE

Cause: Operating or programming error.

Operator: A program your IBM programming representative uses for the support of your system issued this message. Select option 0 to continue. Otherwise, select option 3 to cancel the job.

Note: The program temporary fix utility (\$FEFIX) issued this message. The release level specified in the PTF control statement does not match the release level of the module in the library.

SCP-1830 DATA--CHECK BYTE MISSING OR INVALID

Cause: Operating or programming error.

Operator: A program your IBM programming representative uses for the support of your system issued this message. The last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The program temporary fix utility (\$FEFIX) issued this message. An invalid check byte parameter was specified in the DATA control statement. Either a 2-character hex number was not specified or the first byte of the area to be patched does not match the check byte.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1831 DATA--DISPLACEMENT MISSING OR INVALID

Cause: Operating or programming error.

Operator: A program your IBM programming representative uses for the support of your system issued this message. The last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The program temporary fix utility (\$FEFIX) issued this message. The DISP parameter in the DATA control statement is either missing or does not contain four characters. The DISP parameter is required and must be exactly four characters long.

SCP-1832 DATA--PATCH DATA MISSING

Cause: Operating or programming error.

Operator: A program your IBM programming representative uses for the support of your system issued this message. The last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The program temporary fix utility (\$FEFIX) issued this message. No patch data was specified in the DATA control statement.

SCP-1833 DATA--PATCH EXCEEDS MODULE SIZE

Cause: Operating or programming error.

Operator: A program your IBM programming representative uses for the support of your system issued this message. The last statement entered might be incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The program temporary fix utility (\$FEFIX) issued this message. Either the displacement specified in the DATA control statement or the total number of bytes patched in the PTF operation plus displacement is greater than the number of bytes in the module. Check the DISP parameter.

SCP-1834 DATA--ADDRESSES OVERLAP

Cause: Operating or programming error.

Operator: A program your IBM programming representative uses for the support of your system issued this message. The last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The program temporary fix utility (\$FEFIX) issued this message. The patch data specified in the DATA statement overlays half of a relocatable address, or relocatable bytes were specified in the DATA statement patch data and were not separated by at least two bytes.

SCP-1835 DATA--RELOCATABLE ADDRESSES NOT ALLOWED

Cause: Operating or programming error.

Operator: A program your IBM programming representative uses for the support of your system issued this message. The last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The program temporary fix utility (\$FEFIX) issued this message. You specified in a DATA control statement that you are patching two relocatable bytes, but relocatable bytes are invalid in this module. An R should not follow the patch data.

SCP-1836 DATA--NO SPACE IN MODULE TO ADD RLD'S

Cause: Programming error.

Operator: A program your IBM programming representative uses for the support of your system issued this message. Select option 1; then enter another control statement. Otherwise, select option 3 to cancel the job.

Note: The program temporary fix utility (\$FEFIX) issued this message. An invalid entry is in the relocation dictionary (RLD) of the module being patched.

SCP-1837 DATA--NO ROOM IN MODULE TO ADD RLD'S

Cause: Programming error.

Operator: This message indicates a programming error.
Select option 3 or D.

Note: The program temporary fix utility (\$FEFIX) issued this message. Not enough space exists in the module to contain the new relocatable dictionary (RLD) entries the PTF generates. The PTF cannot be applied to this module.

SCP-1865 DISKETTE OPERATION ERROR

Cause: Operating error.

Operator: The diskette door could have been opened before processing was completed. Select option 1 to continue. Otherwise, select option 3 to cancel the job.

Note: The dump utility (\$FEDMP) or the patch utility (\$FEPCH) issued this message. An error completion code was returned from diskette IOS.

SCP-1867 PTF LOG MODULE (\$PTFLOG) NOT IN LIBRARY

Cause: Programming or system programming error.

Operator: Information that should normally be in the system library is not there. Select option 0 only if you are sure that processing should continue. Otherwise, select option 3 to cancel the job.

Note: The dump utility (\$FEDMP) or the APAR utility (\$FEAPR) issued this message. The PTF log module is not in the library.

SCP-1868 CE CYLINDER PREVIOUSLY DUMPED

Cause: Informational message.

Operator: A request was made to dump information from an area on disk (CE cylinder), but the information in that area has not changed since the previous dump.
Do one of the following :

- To dump the information again, select option 0.
- If you are familiar with the control statements for this program (see note), you can select option 1; then enter another utility control statement.
- Otherwise, select option 3 to cancel the job.

Note: The dump utility (\$FEDMP) issued this message. An attempt was made to dump the contents of the CE cylinder, but the data in the CE cylinder has not changed since the previous dump.

SCP-1869 CE CYLINDER DATA MIGHT BE INCORRECT

Cause: Informational message.

Operator: A request was made to dump information from an area on disk (CE cylinder), but the information in that area might not be correct. Do one of the following :

- Select option 0 to continue the dump.
- If you are familiar with the control statements for this program, you can select option 1; then enter another utility control statement.
- Otherwise, select option 3 to cancel the job.

Note: The dump utility (\$FEDMP) issued this message. The check byte in the CE cylinder indicates that the contents of the CE cylinder might be incorrect.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-1889 INVALID HEX DIGIT ENTERED

Cause: Operating error.

Operator: A nonhex character was entered in line 2 or 3 of the CRT display. Only hexadecimal characters (0 through 9, A through F) can be entered. Select option 0; then enter the correct character. Otherwise, select option 3 to cancel the job.

SCP-2015 INVALID UNIT SPECIFICATION

Cause: Operating or programming error.

Operator: The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: An invalid UNIT parameter was specified in one of the following:

CATALOG
DELETE
DUMP
FROMLIBR
ORGANIZE
PATCH
TOLIBR
TRANSFER

The only valid unit parameters are I1 (diskette) and F1 (disk).

SCP-2022 DATE IS INVALID WITH ALL

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: The date parameter was specified in a COPYI1 command statement which also specified that all files be copied from one diskette to another. If the ALL parameter is specified, the date parameter is invalid.

SCP-2023 FILENAME WITH DATE NOT FOUND

Cause: Operating or programming error.

Operator: A file used by this program is not on the specified unit.

If a diskette file is specified, the wrong diskette might be inserted. Insert another diskette; then select option 1.

If the correct diskette is inserted, a command statement parameter or a control statement is incorrect. Select option 0 if you are running a procedure and want to continue the procedure. Select option 3 to cancel the job.

Note: This message was issued by the delete utility (\$DELET), which might have been evoked by the DELETE procedure. A file with the same name and date specified is not on the disk or diskette. Check the specified name and date.

SCP-2024 PARAMETER 4 MUST BE DELETE OR NULL

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: An invalid parameter was specified in the fourth parameter position of a COPYI1 command statement. The fourth parameter position must either be null or contain the DELETE parameter.

SCP-2025 PARAMETER 4 INVALID FOR SINGLE FILE

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: The DELETE parameter was specified in a COPYI1 command statement which also specified a single file be deleted. DELETE is valid only when the ALL parameter is specified.

SCP-2026 PARAMETER 5 MUST BE PRESERVE OR NULL

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: An invalid parameter was specified in the fifth position of a COPYI1 command statement. The fifth parameter position must either be null or contain the PRESERVE parameter.

SCP-2031 SPECIFIED SOURCE MEMBER DOES NOT EXIST

Cause: Operating or programming error.

Operator: A requested source member is not in the library.

If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering control statements from the keyboard, a control statement might be incorrect. Select option 3.

Note: This message was issued by the create message member utility (\$MGBLD), which might have been evoked by the CREATE procedure. The source member name specified in the CREATE command statement or in the // MGBLD control statement is not in the library.

SCP-2032 PARAMETER MUST BE REPLACE OR NULL

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

-
- Option 0:** Continue the job. The OCL statement in error is ignored.
 - Option 1:** Retry the operation and continue the job.
 - Option 2:** Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.
 - Option 3:** Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
 - Option D:** Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-2042 ALL NOT ALLOWED AS FILENAME

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: The ALL parameter was specified in the first parameter position of the DELETE command statement. The ALL code parameter is invalid in the DELETE command.

SCP-2057 PARAMETER 3 MUST BE RECORD

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: More than two parameters were specified in a DISPLAY command, but the third parameter was not RECORD. RECORD is the only valid specification in the third parameter position if more than two parameters are specified.

SCP-2063 INVALID KEYWORD ENTERED

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: An invalid parameter was specified in the first parameter position of the DUMP command. The first parameter specifies what is to be dumped and must be one of the following parameters:

MAIN
CONTROL
HISTORY
PTF
CONFIG
DISK
MICR

**SCP-2064 PARAM 2 MUST BE CRT, PRINTER,
OR NULL**

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: An invalid parameter was specified in the second parameter position of the DUMP command. The second parameter specifies which device will display the dump and must be either CRT or PRINTER.

**SCP-2075 PARAM 2 MUST BE RESET,
NORESET, OR NULL**

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: An invalid parameter was specified in the second parameter position of the HISTORY command. The second parameter position must be null or contain the RESET or NORESET parameter.

SCP-2074 INVALID OR MISSING PARAMETER

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: An invalid parameter was specified in the first parameter position of the HISTORY command, or no parameters were specified in the SET command or the APCHANGE command. The first parameter of the HISTORY command must be null or contain the ALL, VIEWED, or NOLIST parameter. At least one parameter must be specified in the SET command or the APCHANGE command.

SCP-2080 PARAMETER 3 IS INVALID

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: An invalid parameter was specified in the third parameter position of the INIT command. The third parameter position must be null or contain one of the following code parameters:

RENAME
DELETE
FORMAT

-
- Option 0:** Continue the job. The OCL statement in error is ignored.
Option 1: Retry the operation and continue the job.
Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.
Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

**SCP-2090 SPECIFIED FILE NOT FOUND—
SEE ABOVE**

Cause: Operating error.

Operator: An attempt was made to rename a file from disk, but the filename as above is not on the disk.

If the filename was entered in error, select option 1 and reenter the control statement.

If you are running a nested or chained procedure and want to continue executing the remaining procedures, select option 2. Otherwise select option 3.

Note: If you are using the RENAME command, option 1 will not be available.

**SCP-2091 FILE NAME ALREADY
EXISTS—SEE ABOVE**

Cause: Operating error.

Operator: The new name specified for a file matches a filename existing on disk.

If the filename was entered in error, select option 1 and reenter the control statement.

If you are running a nested or chained procedure and want to continue executing the remaining procedures, select option 2. Otherwise select option 3.

Note: If you are using the RENAME command, option 1 will not be available.

SCP-2092 DATE PARAMETER INVALID

Cause: Operating error.

Operator: The DATE parameter may contain punctuation but must have six numeric characters.

If the date parameter was entered in error, select option 1 and reenter the control statement.

If you are running a nested or chained procedure and want to continue executing the remaining procedures, select option 2. Otherwise select option 3.

Note: If you are using the RENAME command, option 1 will not be available.

**SCP-2093 LABEL AND NEWLABEL
PARAMETERS ARE EQUAL**

Cause: Operating error.

Operator: Select option 1 and reenter the control statement.

If you are running a nested or chained procedure and want to continue executing the remaining procedures, select option 2. Otherwise select option 3.

Note: If you are using the RENAME command, option 1 will not be available.

**SCP-2095 FILE ABOVE ACTIVE IN
INTERRUPTED PROGRAM**

Cause: Operating error.

Operator: You are attempting to rename a file that is currently being used by an interrupted program. To proceed with the renaming could make future processing of this file unpredictable.

If you are running a nested or chained procedure and want to continue executing the remaining procedures, select option 2. Otherwise select option 3.

SCP-2104 REQUESTED SPACE NOT AVAILABLE

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: The first parameter of the APCHANGE procedure specified more disk blocks than are available.

SCP-2105 PARAM 2 REQUIRED IF PARAM 3 IS ENTERED

Cause: Operating or programming error.

Operator: A command statement parameter is incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: The third parameter of the APCHANGE procedure was entered, but the second parameter was omitted. The third parameter can be entered only if the second parameter is entered.

SCP-2106 INVALID 3RD PARAMETER

Cause: Operating or programming error.

Operator: A command statement might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: The third parameter of the APCHANGE command (if coded) must be CLEAR.

SCP-2111 #LIBRARY INVALID

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: #LIBRARY was specified as the output file in the ORGANIZE command. #LIBRARY is the name given the file containing the system library and cannot be used as a filename in the ORGANIZE command.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-2112 INVALID DISK RETENTION PARAMETER

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: An invalid disk retention type was specified in the fifth parameter position of the FROMLIBR or ORGANIZE command. The fifth command position must be null or contain the T, S, or P parameter.

SCP-2113 SPECIFY BOTH PARAMETER 6 AND PARAMETER 7

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: A parameter was specified in the sixth parameter position of the ORGANIZE command but not in the seventh parameter position, or a parameter was specified in the seventh position but not in the sixth position. If one of these parameters is specified, specify the other.

SCP-2114 INVALID DISKETTE RETENTION PARAMETER

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: A retention parameter was specified in a FROMLIBR or ORGANIZE command that is invalid for the specified disk. If I1 (diskette file) is specified, the retention parameter should be a number specifying the number of days the file is to be retained. If F1 (disk file) is specified, the retention parameter must be null or contain the T, S, or P parameter.

SCP-2115 PARAM 6 INVALID WITH F1 AND ADD

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: A sixth parameter was specified in a FROMLIBR command with a fourth parameter of F1 and a fifth parameter of ADD. No sixth parameter is allowed in this case.

**SCP-2122 PARAMETER 2 MUST BE NOHEX
OR NULL**

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: An invalid parameter was specified in the second parameter position of the PATCH command. The second parameter position must be null or contain the NOHEX parameter.

**SCP-2144 PARAM 3 MUST BE RECORDS,
BLOCKS, OR NULL**

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: An invalid parameter was specified in the third parameter position of the RESTORE command. The third parameter position must be null or contain the RECORDS or BLOCKS parameter.

-
- Option 0:** Continue the job. The OCL statement in error is ignored.
 - Option 1:** Retry the operation and continue the job.
 - Option 2:** Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.
 - Option 3:** Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
 - Option D:** Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-2145 RECORDS OR BLOCKS NOT SPECIFIED

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: A parameter was specified in the fourth parameter position of the RESTORE command, but not in the third parameter position; or a parameter was specified in the eighth parameter position of the TRANSFER command, but not in the seventh parameter position. If the fourth parameter in the RESTORE command or the eighth parameter in the TRANSFER command is specified, the preceding parameter position must contain the BLOCKS or RECORDS parameter.

SCP-2155 #LIBRARY IS INVALID

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: #LIBRARY was specified as the input file in one of the following commands:

DELETE
DISPLAY
ORGANIZE
RESTORE
SAVE
TRANSFER

#LIBRARY is the name given the file containing the system library and cannot be specified as the input file in any of these commands.

SCP-2163 SPECIFIED DATE FORMAT IS INVALID

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: An invalid date format parameter was specified in the third parameter position of the SET command. The date format parameter specifies the format of the system date and must be MDY, DMY, or YMD.

SCP-2182 NO KEY LENGTH SPEC'D WITH KEY LOCATION

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: A value-2 parameter was specified, but a value-1 parameter was not specified in the TRANSFER command. The value-1 and value-2 parameters (fifth and sixth parameter positions) specify the key length and key position when an indexed file is being created. If one of these parameters is specified, both must be specified.

SCP-2185 NO KEY LOCATION SPEC'D WITH KEY LENGTH

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: A value-1 parameter was specified, but a value-2 parameter was not specified in a TRANSFER command statement. The value-1 and value-2 parameters (fifth and sixth parameter positions) specify the key length and key position when an indexed file is being created. If one of these parameters is specified, both must be specified.

SCP-2186 PARAMETER 4 MUST BE ADD, NOADD, OR NULL

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: You specified that a file be transferred from a diskette to disk (I1 in the second parameter position of the TRANSFER command), but an invalid parameter was specified in the fourth parameter position. When I1 is specified, the fourth parameter position must be null or contain the ADD or NOADD parameter.

SCP-2187 PARAM 7 MUST BE RECORDS, BLOCKS, OR NULL

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: You specified that a file be transferred from a diskette to disk (I1 in second parameter position of the TRANSFER command), but an invalid parameter was specified in the seventh parameter position. When I1 is specified, the seventh parameter position must be null or contain the RECORDS or BLOCKS parameter.

SCP-2200 OUTPUT OR ADD FILE ALREADY ALLOCATED

Cause: Operating or programming error.

Operator: A command statement parameter or control statement might be incorrect. Select option 0 or 3.

Note: A file referenced as an output or add file was already allocated. An output or add file can be allocated only once in a program.

SCP-2201 INPUT OR OUTPUT FILE DOESN'T EXIST

Cause: Programming error.

Operator: Select option 0 or 3.

Note: A file was referenced as an input file, but the file cannot be found; or a file was referenced as an output file, but the file was not allocated.

SCP-2202 CONSECUTIVE ADD SPEC'D FOR DIRECT FILE

Cause: Programming error.

Operator: Select option 3.

Note: A file was referenced as a consecutive add file, but the file is a direct file. Do not specify consecutive add for a direct file.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-2203 REFERENCED FILE NOT INDEXED FILE

Cause: Programming error.

Operator: Select option 0 or 3.

Note: A file was referenced as an indexed file, but the file is not an indexed file.

SCP-2204 CONSECUTIVE SPECIFIED FOR INDEXED FILE

Cause: Programming error.

Operator: Select option 0 or 3.

Note: A file was referenced as a consecutive add or update file, but the file is an indexed file. Consecutive add or update cannot be specified for an indexed file.

SCP-2205 WRONG RECORD LENGTH SPECIFIED

Cause: Programming error.

Operator: Select option 0 or 3.

Note: An existing disk file was referenced, but the record length specified in the program is not the same as the length of the records in the file.

SCP-2206 WRONG KEY LENGTH OR LOCATION SPECIFIED

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 0 or 3.

If you are entering control statements from the keyboard, a // FILE statement might be incorrect. Select option 0 or 3.

Note: An existing indexed file was referenced, but the wrong key length or key location was specified.

SCP-2207 DISK I/O ERROR--FORMATTING/BUFFER LOAD

Cause: Disk error.

Operator: A disk error was detected. Select option 3.

Note: A disk error occurred while the index or data file extents were being formatted or while the input buffers were being loaded.

SCP-2208 ADD FILE ALREADY ALLOCATED

Cause: Programming error.

Operator: Select option 0 or 3.

Note: A referenced file was already allocated as an add file. An output or add file can be allocated only once.

SCP-2209 AT LEAST ONE FILE ERROR ON THIS JOB

Cause: Informational message.

Operator: At least one error was in the file specifications for this job. A message was displayed explaining the error(s). Select option 3.

SCP-2210 OUTPUT FILE ALREADY ALLOCATED

Cause: Programming error.

Operator: Select option 0 or 3.

Note: A referenced file was already allocated as an output file. An output or add file can be allocated only once.

SCP-2211 UPDATE FILE ALREADY ALLOCATED

Cause: Programming error.

Operator: Select option 0 or 3.

Note: A file referenced as an update file was already allocated as an update file.

SCP-2212 INCORRECT DEVICE SPECIFICATION

Cause: System programming error.

Operator: Select option D.

Note: An attempt was made to reference a file that had an invalid device specification.

SCP-2213 NO FILE STMT FOR REFERENCED FILE

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 0 or 3.

If you are entering control statements from the keyboard, a required // FILE statement was not entered. Select option 0 or 3.

Note: A disk file was referenced, but no // FILE statement was entered for that file.

SCP-2214 THE FILE BEING OPENED WAS NOT ALLOCATED

Cause: System programming error.

Operator: Select option D; then notify the programmer.

Note: An attempt was made to open a DTF that was not allocated.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

**SCP-2216 SECTOR MODE--PERMANENT
FILE READ ERROR**

Cause: Disk or diskette error.

Operator: A disk or diskette error was detected. Select option 3.

Note: A disk or diskette error occurred while the system was attempting to fill the buffer for an add operation.

**SCP-2217 SECTOR MODE--INCORRECT
RECORD LENGTH**

Cause: Programming error.

Operator: Select option 2 or 3.

Note: An existing disk or diskette file was referenced, but the specified record length was not the same as the length of the records in the file.

**SCP-2218 SECTOR MODE--NEW FILE NOT
SPEC'D OUTPUT**

Cause: System programming error.

Operator: Select option D.

Note: A new disk or diskette file was referenced as other than an output file. A new disk or diskette file can be referenced only as an output file.

**SCP-2219 SECTOR MODE--OLD FILE NOT
INPUT OR ADD**

Cause: System programming error.

Operator: Select option D.

Note: An existing disk or diskette file was referenced as other than an input or add file.

**SCP-2220 REQUIRED FILE STATEMENT
NOT SPECIFIED**

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement might be incorrect. Select option 0 or 3.

If you are entering control statements from the keyboard, a required // FILE statement was not entered. Select option 0 or 3.

Note: A diskette file was referenced, but no file statement was specified for that file. A required // FILE statement was not specified.

**SCP-2221 NEW RD FILE CAN ONLY BE
SPEC'D AS OUTPUT**

Cause: System programming error.

Operator: Select option D.

Note: A diskette file which was allocated as a new file was referenced as other than an output file. A new diskette file can only be referenced as an output file.

**SCP-2222 EXISTING RD FILE MUST BE
INPUT OR ADD**

Cause: System programming error.

Operator: Select option D.

Note: An existing diskette file was referenced as other than an input or add file.

**SCP-2223 DISKETTE FILE WAS NOT
ALLOCATED**

Cause: System programming error.

Operator: Select option D.

Note: A diskette file was referenced, but it was not previously allocated.

SCP-2224 ADD INVALID ON BASIC EXCHANGE FILE

Cause: Operating or programming error.

Operator: The executing program is trying to perform an operation that is invalid for the diskette file.

Select option 0 or 3.

Note: A basic data exchange diskette file was referenced as an add file, but a basic data exchange file cannot be referenced as an add file.

This message can be caused by any of the following errors:

- The wrong diskette is inserted.
- The contents of the diskette might have been changed.
- The wrong program is being used to process the file.
- The program being executed contains an error.

SCP-2225 INCOMPATIBLE RD FILE TYPE/ ACCESS METHOD

Cause: Operating or programming error.

Operator: The diskette file cannot be processed by the program being executed. Select option 0 or 3.

Note: The specified access method is incompatible with the type of the diskette file.

This message can be caused by any of the following errors:

- The referenced file on the inserted diskette is not the type of file required by the program.
- The wrong utility program is being used to process the referenced file.
- The program being executed contains an error.

SCP-2226 INCORRECT RECORD LENGTH ON RD FILE

Cause: Programming error.

Operator: Select option 0 or 3.

Note: An existing diskette file was referenced, but the specified record length was not the same as the length of the records in the file.

SCP-2227 PERMANENT I/O ERROR ON DISKETTE

Cause: Diskette error.

Operator: A diskette error was detected. Select option 3; then do one of the following:

- If the error occurred during a diskette write operation, you can rerun the job using a different diskette. Save any required files and initialize the diskette containing the error before using it again.
- If the error occurred during a diskette read operation, SCP message 2814 was issued preceding this message. To access the file containing the error, rerun the job; then select option 0 when message 2814 is issued. You must then accept or correct the bad sector.
- If the error occurred during a diskette operation on a 512 byte per sector format (format 2), message 2814 will not precede this message. Select option 3 to cancel the job. You can then rerun the job using a different diskette, or retry the same diskette.

Note: A diskette error was detected (while the system was checking for or writing an internal control record).

Diskettes in format 2 with a permanent I/O error are not correctable by the operator, and data may be lost.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-2230 SYSTEM ERROR DURING FD FILE TERMINATION

Cause: System programming error.

Operator: Select option D.

Note: No format 1 is in the scheduler work area for the file being closed.

SCP-2231 PERMANENT I/O ERROR ON DISK

Cause: Disk error.

Operator: An error occurred while reading from or writing on the disk. Select option 2 or 3.

Note: A disk error occurred while the system was reading or writing to a file. You must run the BUILD procedure before the file can be read. For further information about the BUILD procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-2232 INCORRECT DEVICE SPECIFICATION IN PROG

Cause: System programming error.

Operator: Select option D.

Note: An invalid device code is in one of the DTFs in this program.

SCP-2236 INSERTED RD NOT FIRST VOLUME OF SEGMENT

Cause: Operating error.

Operator: The inserted diskette is not the first of the segment. Select option 0, 2, or 3. After the job terminates, insert the correct diskette, then rerun the job.

Note: An offline multivolume file was referenced, but the first diskette inserted was not the first volume of the segment.

SCP-2237 PERM DISKETTE ERROR--1ST WRITE TO VOLUME

Cause: Diskette errors.

Operator: A diskette error occurred during the first attempt to write on a new volume. Insert a different diskette; then select option 1 to continue. Otherwise, select option 3 to cancel the job.

Note: Use the INIT procedure to initialize the diskette containing the error. For further information about the INIT procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-2238 PERM RD WRITE ERROR--1ST OUTPUT REQUEST

Cause: Diskette error.

Operator: An error occurred while the system was writing information on the diskette. Select option 3.

Note: A diskette error occurred during the first diskette write operation. Use the INIT procedure to initialize the diskette containing the error, then rerun the job. For further information about the INIT procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-2239 PERMANENT DISKETTE WRITE ERROR

Cause: Diskette error.

Operator: An error occurred while the system was writing information on the diskette. Do one of the following:

- To continue the job, select option 0. Then, when the message 1485 appears, insert another diskette. The remaining data is continued on the new diskette.
- Otherwise, select option 3 to cancel the job.

Note: If option 0 is selected, only the portion of the diskette preceding the error is used.

SCP-2240 OFFLINE PROCESSING NOT ALLOWED

Cause: Operating or programming error.

Operator: This job will not be run. Select option 0 or 3. You must run the RELOAD procedure and/or not use offline multivolume processing with a rolled-in program.

Note: Both offline multivolume processing and the inquiry function require a system work area. This work area is established by the RELOAD procedure when you enter YES in response to INCLUDE INQUIRY/OFFLINE during execution of the RELOAD procedure. The work area, however, cannot be used by both OFFLINE and INQUIRY at the same time. For further information, see RELOAD, INQUIRY OPTION and OFFLINE OPTION in the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-2241 FILE NOT OFFLINE MULTIVOLUME

Cause: Operating error.

Operator: An offline multivolume file is to be processed, but the inserted diskette is not an offline multivolume file. Do one of the following:

- If option 1 is available, insert the correct diskette; then select option 1.
- Otherwise, select option 0 or 3.

SCP-2242 CONTINUE WHEN PROPER DISKETTE INSERTED

Cause: Informational message.

Operator: You were prompted to insert another diskette.

Insert the correct diskette; then select option 0.

(The job will continue.) Otherwise, select option 3 to cancel the job.

SCP-2243 OFFLINE PROCESSING--CONSECUTIVE ONLY

Cause: Programming error.

Operator: Select option 0 or 3.

Note: An attempt was made to open an offline multivolume diskette data file, but a nonconsecutive access method was specified. Specify a consecutive access method for an offline multivolume data file.

SCP-2244 TWO RD FILES REFERENCED WITH SAME NAME

Cause: Programming error.

Operator: Select option 0 or 3.

Note: Two diskette files are trying to use the same disk file extent. A separate disk file must be allocated for each diskette file.

SCP-2246 RECORD LENGTH GREATER THAN FD FILE SIZE

Cause: Programming error.

Operator: Select option 3.

Note: The specified record length for a diskette file is greater than the amount of space allocated on disk for that file.

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- Option 0:** Continue the job. The OCL statement in error is ignored.
Option 1: Retry the operation and continue the job.
Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.
Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-2247 INSERT FIRST DISKETTE OF SPECIFIED FILE

Cause: Informational message.

Operator: An offline multivolume file is being processed. (The name of the file is logged on the line preceding this message.) Make sure that the first diskette of the file is inserted; then select option 0. (The job will be executed.) Otherwise, select option 3 to cancel the job.

Note: This message is issued twice during a job. (The first time allows the job to check file attributes; the second time the message is issued, the job is ready to begin file processing.)

SCP-2248 FD EXTENT GREATER THAN ONE DISKETTE

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 3.

Note: The amount of space specified on the // FILE statement for an offline multivolume file disk extent is greater than the amount of space on a diskette (95 blocks for basic data exchange format and 118 blocks for extended format).

SCP-2249 INCORRECT DISKETTE INSERTED

Cause: Operating or programming error.

Operator: The specified file is not on the inserted diskette. Insert the correct diskette; then select option 1. Otherwise, select option 3 to cancel the job.

Note: The wrong filename might have been specified in a command statement or a // FILE statement.

SCP-2250 INSERTED DISKETTE NOT LAST SEGMENT

Cause: Operating error.

Operator: The wrong diskette is inserted. Select option 0 or 3.

Note: An attempt was made to open an offline multivolume file to which records are to be added, but the inserted diskette was not the first volume of the last segment of the file.

SCP-2251 INDEX KEY ABOVE IS A DUPLICATE KEY

Cause: Operating or programming error.

Operator: If you select option 0, the output file will contain the duplicate key. The other files are checked for errors; then message 2252 is issued. If you want to cancel the job, select option 3.

Note: An index key was used more than once in an indexed file. The duplicate key and filename are logged on the line preceding this error message.

SCP-2252 AT LEAST ONE DUPLICATE KEY

Cause: Operating or programming error.

Operator: If you are sure that duplicate keys are acceptable, select option 0. (The output files will contain duplicate keys.) Otherwise, select option 3 to cancel the job.

Note: At least one duplicate key was in one or more of the files this job uses.

SCP-2256 DISK FILE TOO SMALL FOR DISKETTE SEGMENT

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, a // FILE statement is incorrect. Select option 3.

Note: The disk file specified for a multivolume file is not as large as the diskette segment. The size of the disk file must be at least as large as the size of the disk file used when the offline multivolume file was created.

SCP-2262 PARAM 3 MUST BE SAVE, NOSAVE, OR NULL

Cause: Operating or programming error.

Operator: The third parameter of the JOBSTR command statement is incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: An invalid third parameter was specified for the JOBSTR command statement. The third parameter must be either null, SAVE, or NOSAVE.

SCP-2263 PARAM 3 MUST BE NULL IF PARAM 2 IS NULL

Cause: Operating or programming error.

Operator: The third parameter of the JOBSTR command statement might be incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: SAVE or NOSAVE was specified in the third parameter of a JOBSTR command statement, but the second parameter was not coded. The third parameter is only valid when there is a procedure name coded in the second parameter.

SCP-2271 INVALID COPY CONTROL CARD

Cause: Operating or programming error.

Operator: Select option 3.

Note: The queued job stream utility (\$QJOB), which the JOBSTR procedure might have evoked issued this message. When source or procedure members are placed in the library from cards, the card preceding each member must be a copy control statement (// COPY). The card preceding the source or procedure member was not a valid // COPY statement. The member cannot be processed until you correct the // COPY control statement. The statement in error is logged on the line preceding this error.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-2272 COPY STMT DOES NOT PRECEDE MEMBER

Operator: Select option 3.

Note: The queued job stream utility (\$QJOB), which the JOBSTR procedure might have evoked issued this message. When source or procedure members are placed in the library from cards, the card preceding each member must be a copy control statement (// COPY). The card preceding the source or procedure member was not a valid // COPY statement. The member cannot be processed until you correct the // COPY control statement. The statement in error is logged on the line preceding this error.

SCP-2273 NO NAME KEYWORD ON COPY STATEMENT

Operator: Select option 3.

Note: The queued job stream utility (\$QJOB), which the JOBSTR procedure might have evoked issued this message. The name parameter was not specified in the // COPY statement; this parameter is always required. The source or procedure member cannot be processed until you correct the // COPY control statement. The statement in error is logged on the line preceding this error.

SCP-2274 NO LIBRARY KEYWORD ON COPY STATEMENT

Operator: Select option 3.

Note: The queued job stream utility (\$QJOB), which the JOBSTR procedure might have evoked issued this message. The LIBRARY parameter was not specified in the // COPY statement; this parameter is always required. The source or procedure member cannot be processed until you correct the // COPY control statement. The statement in error is logged on the line preceding this error.

SCP-2275 DUPLICATE KEYWORD ON COPY STATEMENT

Cause: Operating or programming error.

Operator: Select option 3.

Note: The queued job stream utility (\$QJOB), which the JOBSTR procedure might have evoked issued this message. The same keyword was used more than once in the // COPY statement. The source or procedure member cannot be processed until you correct the // COPY control statement. The statement in error is logged on the line preceding this error.

SCP-2330 DOCUMENT LIBRARY NOT FOUND

Cause: Operating error.

Operator: The document library is not on the disk.
Reenter the procedure and parameters.

SCP-2331 UNEXPECTED EOF ON CONTROL STATEMENTS

Cause: Operating error.

Operator: Select option 3.

Note: Keyboard/sysin found a /* in the input record.
If you are entering utility control statements via the keyboard, do not use /*.

SCP-2332 INVALID CONTROL STATEMENT

Cause: Operating error.

Operator: Select option 3.

Note: An invalid utility control statement was entered after // RUN. Valid utility control statements are // SOURCE and/or // END.

SCP-2333 INVALID KEYWORD

Cause: Operating error.

Operator: Select option 3.

Note: The // SOURCE utility control statement contains an incorrectly-entered keyword.

SCP-2334 DUPLICATE KEYWORD

Cause: Operating error.

Operator: Select option 3.

Note: A sysin keyword was entered more than once. Valid sysin keywords are NAME-, KEYBOARD, and PROMPT-.

SCP-2335 NAME KEYWORD VALUE INVALID

Cause: Operating error.

Operator: Select option 3.

Note: An invalid NAME parameter value was entered. This parameter value must not be greater than eight characters.

SCP-2336 PROMPT KEYWORD VALUE INVALID

Cause: Operating error.

Operator: Select option 3.

Note: An invalid PROMPT keyword value was entered. Valid PROMPT keyword values are Y for prompt and N (default) for no prompt.

SCP-2337 REQUIRED KEYWORD 'NAME' MISSING

Cause: Operating error.

Operator: Select option 3.

Note: The // SOURCE utility control statement contains the PROMPT keyword but no NAME- keyword.

SCP-2338 REQUIRED FILE STATEMENT MISSING

Cause: Operating error.

Operator: Select option 3.

Note: A // FILE OCL statement 1) was not entered, 2) was entered incorrectly, or 3) was missing for the document library.

SCP-2339 SOURCE LIBRARY MEMBER NOT FOUND

Cause: Operating error.

Operator: Select option 3.

Note: A source library member was not found in the library. The source library member contains WPCU communication specification statements.

SCP-2340 ERROR WHILE READING SOURCE MEMBER

Cause: Operating error.

Operator: Select option 3.

Note: The read on the specified source member completed abnormally.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-2341 'END' STATEMENT NOT FOUND

Cause: Operating error.

Operator: Select option 3.

Note: End-of-file occurred on the source library member containing the WPCU specification statements before the END specification statement was read.

SCP-2342 INVALID SPECIFICATION STATEMENT

Cause: Operating error.

Operator: Select option 1 if specification statements are entered via the keyboard and reenter statements correctly. Otherwise, select option 3.

Note: An invalid identifier was entered. Valid statement identifiers are: LINE, REMOTE, MSG, MEMBER, RECORD, and END. An * appears below the invalid identifier.

SCP-2343 DUPLICATE SPECIFICATION STATEMENT

Cause: Operating error.

Operator: Select option 1 if specification statements are entered via the keyboard and enter the next statement. Otherwise, select option 3.

SCP-2344 REQUIRED STATEMENT MISSING

Cause: Operating error.

Operator: Select option 1 if specification statements are entered via the keyboard and enter the proper statement. Otherwise, select option 3.

Note: A required LINE or REMOTE statement was not entered. In LDAM processing, a MEMBER statement is also required.

SCP-2345 STATEMENT NOT IN SEQUENCE

Cause: Operating error.

Operator: Select option 1 if specification statements are entered via the keyboard and enter the next statement. Otherwise, select option 3.

Note: The specification statements were not entered in order. The correct order for statement identifiers is: LINE, REMOTE, MSG (if any), MEMBER (if any), RECORD (if any), and END.

SCP-2346 INVALID KEYWORD ON LINE STATEMENT

Cause: Operating error.

Operator: Select option 1 if specification statements are entered via the keyboard and correct the keyword in error. Otherwise, select option 3.

SCP-2347 DUPLICATE KEYWORD ON LINE STATEMENT

Cause: Operating error.

Operator: Select option 1 if specification statements are entered via the keyboard and reenter the LINE statement correctly. Otherwise, select option 3.

Note: A keyword in a LINE statement was entered more than once. An * appears below the duplicate keyword.

SCP-2348 INVALID PARAMETER ON LINE STATEMENT

Cause: Operating error.

Operator: Select option 1 if specification statements are entered via the keyboard and correct the parameter in error. Otherwise, select option 3.

Note: The LINE statement contains an invalid parameter. Valid parameters are XMIT or RCV for the MODE keyword and Y and N for the XPCY keyword. An * appears below the parameter in error.

SCP-2349 REQUIRED KEYWORD 'MODE' MISSING

Cause: Operating error.

Operator: Select option 1 if specification statements are entered via the keyboard and reenter the correct LINE statement. Otherwise, select option 3.

Note: The LINE statement does not contain the MODE keyword.

SCP-2350 'XMITID'/'RCVID' NOT PAIRED

Cause: Operating error.

Operator: Select option 1 if specification statements are entered via the keyboard and reenter the correct LINE statement. Otherwise, select option 3.

Note: Only one of the two keywords was entered. The XMITID keyword must be paired with the RCVID keyword and vice versa.

SCP-2351 INVALID KEYWORD ON REMOTE STATEMENT

Cause: Operating error.

Operator: Select option 1 if specification statements are entered via the keyboard and correct the keyword in error. Otherwise, select option 3.

Note: The REMOTE statement contains an invalid keyword. Valid keywords are: TYPE-, BSIZE-, DEVICE-, and ID-. An * appears below the keyword in error.

SCP-2352 DUPLICATE KEYWORD ON REMOTE STATEMENT

Cause: Operating error.

Operator: Select option 1 if specification statements are entered via the keyboard and correct the REMOTE statement. Otherwise, select option 3.

Note: A keyword in the REMOTE statement was entered more than once. An * appears below the duplicate keyword.

SCP-2353 INVALID PARAMETER ON REMOTE STATEMENT

Cause: Operating error.

Operator: Select option 1 if specification statements are entered via the keyboard and correct the parameter in error. Otherwise, select option 3.

Note: The REMOTE statement contains an invalid parameter. An * appears below the parameter in error.

SCP-2354 REQUIRED KEYWORD 'TYPE' MISSING

Cause: Operating error.

Operator: Select option 1 if specification statements are entered via the keyboard and reenter the correct REMOTE statement. Otherwise, select option 3.

Note: The TYPE- keyword is missing from the REMOTE statement.

-
- Option 0:** Continue the job. The OCL statement in error is ignored.
 - Option 1:** Retry the operation and continue the job.
 - Option 2:** Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.
 - Option 3:** Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
 - Option D:** Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-2355 TRANSPARENT OPERATION NOT PERMITTED

Cause: Operating error.

Operator: Select option 3.

Note: The LINE statement may specify XPCY-Y with a remote TYPE of OM1 or OM2. Transparency is not supported for office machine work stations or the System/32 data file logical record length may exceed the BSC buffer size on a transmit request.

SCP-2356 MORE THAN 4 MSG STATEMENTS

Cause: Operating error.

Operator: Select option 1 if specification statements are entered via the keyboard and enter the next required statement. Otherwise, select option 3.

Note: More than four MSG statements were entered.

SCP-2357 MSG STATEMENT TEXT INVALID

Cause: Operating error.

Operator: Select option 1 if specification statements are entered via the keyboard and correct the MSG statement in error. Otherwise, select option 3.

Note: An invalid MSG statement text was entered. MSG text must be enclosed with single quotes and the text must not exceed 80 characters. An * appears below the invalid text.

SCP-2358 MSG STATEMENT INVALID FOR RECEIVE MODE

Cause: Operating error.

Operator: Select option 1 if specification statements are entered via the keyboard and enter the next required statement. Otherwise, select option 3.

Note: A MSG statement was entered for receive mode. A MSG statement is valid only for transmit mode.

SCP-2359 MSG TEXT EXCEEDS 80 CHARACTERS

Cause: Operating error.

Operator: Select option 1 if specification statements are entered via the keyboard and correct the MSG statement in error. Otherwise, select option 3.

Note: The MSG statement text exceeds 80 characters.

SCP-2360 MEMBER STATEMENT INVALID

Cause: Operating error.

Operator: Select option 1 if specification statements are entered via the keyboard and enter the next required statement. Otherwise, select option 3.

Note: A MEMBER statement was entered for sequential file processing, or more than the maximum number of MEMBER statements were entered.

SCP-2361 INVALID KEYWORD ON MEMBER STATEMENT

Cause: Operating error.

Operator: Select option 1 if specification statements are entered via the keyboard and correct the keyword in error. Otherwise, select option 3.

Note: An invalid keyword was entered in the MEMBER statement. An * appears below the keyword in error.

SCP-2362 DUPLICATE KEYWORD ON MEMBER STATEMENT

Cause: Operating error.

Operator: Select option 1 if specification statements are entered via the keyboard and reenter the MEMBER statement correctly. Otherwise, select option 3.

Note: A keyword appears more than once in the MEMBER statement. An * appears below the duplicate keyword.

SCP-2363 INVALID PARAMETER ON MEMBER STATEMENT

Cause: Operating error.

Operator: Select option 1 if specification statements are entered via the keyboard and correct the parameter in error. Otherwise, select option 3.

Note: The MEMBER statement contains an invalid parameter. An * appears below the parameter in error.

SCP-2364 REQUIRED PARAMETER 'DOCNAME' MISSING

Cause: Operating error.

Operator: Select option 1 if specification statements are entered via the keyboard and correct the MEMBER statement in error. Otherwise, select option 3.

Note: The [group.] docname parameter does not appear first in the MEMBER statement.

SCP-2365 DOCUMENT NAME INVALID

Cause: Operating error.

Operator: Select option 1 if specification statements are entered via the keyboard and correct document name in error. Otherwise, select option 3.

Note: The document name is all blanks, or the first character is not A-Z or 0-9.

SCP-2366 RECORD STATEMENT INVALID

Cause: Operating error.

Operator: Select option 1 if specification statements are entered via the keyboard and enter the required statement. Otherwise, select option 3.

Note: A RECORD statement was entered for LDAM file processing.

SCP-2367 INVALID KEYWORD ON RECORD STATEMENT

Cause: Operating error.

Operator: Select option 1 if specification statements are entered via the keyboard and correct keyword in error. Otherwise, select option 3.

Note: An invalid keyword was entered on the RECORD statement. The valid keyword is SIZE-.

SCP-2368 INVALID PARAMETER ON RECORD STATEMENT

Cause: Operating error.

Operator: Select option 1 if specification statements are entered via the keyboard and correct the parameter in error. Otherwise, select option 3.

Note: An invalid record size was entered. The record size must not be greater than the BSC buffer size in the REMOTE statement or the default buffer sizes, if not specified. An * appears below the parameter in error.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in Section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-2369 INVALID DOCUMENT ACCESS KEY

Cause: Operating error.

Operator: The KEY parameter specifies a user key that does not exist. Select option 0 to continue processing the next LDAM member or select option 2 to cancel the job.

SCP-2370 RECEIVED DOCUMENTS EXCEED 99

Cause: Operating error.

Operator: The two-character numeric suffix to the document name exceeds 99, and the next document to be received will therefore not have a unique name in the document library. Select option 2.

SCP-2371 END-OF-EXTENT CREATING FILE

Cause: Operating error.

Operator: There was an end-of-extent in creating the sequential file. This message is followed by message 2372, which lets you either retain or delete the file.

SCP-2372 ABNORMAL TERMINATION/RETAIN/DELETE FILE

Cause: Operating error.

Operator: This message follows message 2371. Select option 1 to retain the currently processed file or option 2 to delete the currently processed file. WPCU goes to end-of-job with either option.

SCP-2373 BUFFER EXPANSION EXCEEDS BSC BUFFER SIZE

Cause: Operating error.

Operator: The expansion of receive records exceeds the specified BSC buffer size. Select option 3 to cancel the job.

SCP-2374 RECORDS/BLOCKS PARAMETER MISSING

Cause: Operating error.

Operator: A value was specified for the RECORDS/BLOCKS parameter but the keyword is missing or incorrect.

SCP-2375 RECORDS/BLOCKS VALUE MISSING

Cause: Operating error.

Operator: The RECORDS/BLOCKS parameter is specified but no value is given. Reenter the procedure and parameters.

SCP-2400 LIBRARY MEMBERS AREA TOO LARGE

Cause: Programming error.

Operator: Select option 3.

Note: The library members area exceeds 2,867 blocks. To compress a library of this size, the BACKUP and RELOAD procedures should be used. For information about the BACKUP and RELOAD procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-2500 HEADING MESSAGE NOT IN LIBRARY

Cause: Programming error.

Operator: Select option 3. A required member is not in the system library.

Note: This message was issued during execution of the library maintenance utility (\$MAINT) or the queued job stream utility (\$QJOB). The system headings library member (##MSG2) is not in the library. You must place ##MSG2 in the library by using the TOLIBR or RELOAD procedure. For further information, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-2501 DIRECTORY IS FULL

Cause: Programming error.

Operator: If you are running a procedure, select option 3.

If you are entering control statements from the keyboard, you can select option 1; then enter a different control statement. Otherwise, select option 3 to cancel the job.

Note: This message was issued by the library maintenance utility (\$MAINT), which might have been evoked by the TOLIBR procedure or the linkage editor. Not enough space exists on the library directory to contain the entry for the member to be placed in the library. Make space available in the directory either by deleting unnecessary library members, or by increasing the space allocated for the directory. To delete members, you can use the FROMLIBR procedure to save the members; then use the REMOVE procedure to delete them, and use the CONDENSE procedure to compress the library members. To increase the size of the directory, run the BACKUP and RELOAD procedures. You can change the space allocated for the directory when running the RELOAD procedure. For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593

SCP-2502 NOT ENOUGH SPACE IN LIBRARY FOR MEMBER

Cause: Programming error.

Operator: If you are running a procedure, select option 3.

If you are entering control statements from the keyboard, you can select option 1; then enter a different control statement. Otherwise, select option 3 to cancel the job.

Note: This message was issued by the library maintenance utility (\$MAINT), which might have been evoked by the TOLIBR procedure or by the linkage editor. The library does not contain enough unused space for this member.

Make space available by doing one of the following:

- If space between the library members exists, use the CONDENSE procedure to make all unused space available. If no space exists between library members, delete unnecessary library members. To delete members, first use the FROMLIBR procedure to save the members, then use the REMOVE procedure to delete them, and use the CONDENSE procedure to make the freed library space available.
- To increase the size of the library, enter a // ALLOCATE statement after selecting option 1. If disk space is not available to increase the library size, first use the \$FREE utility to collect available disk space at the end of #LIBRARY; then enter a // ALLOCATE statement to increase the size of the library.
- Run the BACKUP and RELOAD procedures; the space allocated for the library can be changed when you run the RELOAD procedure.

For information about the \$FREE utility or the // ALLOCATE statement (\$MAINT utility), see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593. For information about procedures, see the appropriate section of that manual.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-2503 OUTPUT FILE IS FULL

Cause: Programming error.

Operator: Select option 3.

Note: This message was issued by the library maintenance utility (\$MAINT), which might have been evoked by the FROMLIBR procedure. The space specified for the output file was not large enough to contain the member(s) being copied. The operation cannot be completed. Specify more space for the output file when you resubmit the job.

SCP-2504 LIBRARY IS FULL

Cause: Programming error.

Operator: If you are running a procedure, select option 3.

If you are entering control statements from the keyboard, you can select option 1; then enter a different control statement. Otherwise, select option 3 to cancel the job.

Note: This message was issued by the library maintenance utility (\$MAINT), which might have been evoked by the TOLIBR procedure. Space is not available for additional members.

Make space available by doing one of the following:

- If space between the library members exists, use the CONDENSE procedure to make all unused space available. If no space exists between library members, delete unnecessary library members. To delete members, first use the FROMLIBR procedure to save the members, then use the REMOVE procedure to delete them, and use the CONDENSE procedure to make the freed library space available.
- To increase the size of the library, enter a // ALLOCATE statement after selecting option 1.
 1. If disk space is not available to increase the library size, first use the \$FREE utility to collect available disk space at the end of #LIBRARY; then enter a // ALLOCATE statement to increase the size of the library.
- Run the BACKUP and RELOAD procedures; the space allocated for the library can be changed when you run the RELOAD procedure.

For information about the \$FREE utility or the // ALLOCATE statement (\$MAINT utility), see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593. For information about procedures, see the appropriate section of that manual.

SCP-2505 INVALID NAME ON COPY STATEMENT

Cause: Operating or programming error.

Operator: If you are running a procedure, select option 3.

If you are entering control statements from the keyboard, you can select option 1; then enter a different control statement. Otherwise, select option 3 to cancel the job.

Note: This message was issued by either the library maintenance utility (\$MAINT), which might have been evoked by the TOLIBR procedure or by the queued job stream utility (\$QJOB), which might have been evoked by the JOBSTR procedure.

An invalid member name was specified in // COPY statement. A valid member name:

- Must begin with an alphabetic character (A through Z, @, #, or \$).
- Cannot contain more than eight characters.
- Cannot contain a comma, quote, or blank.
- Cannot be one of the restricted member names when going to the library (ALL, DIR, or SYSTEM).

The file cannot be processed further until the // COPY control statement is corrected. The statement in error is logged on the line preceding this message.

SCP-2506 INVALID NEWNAME PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the // COPY statement is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The library maintenance utility (\$MAINT) issued this message. An invalid member name was specified in the NEWNAME parameter of the // COPY control statement. The first character of a member name must be alphabetic (A through Z, @, #, or \$), and the member name cannot contain more than eight characters. If you specified NAME-character.ALL, you must use the same number of characters in the NEWNAME parameter as preceded .ALL.

SCP-2507 INVALID CHARACTER IN RECORD

Cause: Programming error.

Operator: An invalid character was in data being written on the disk. Select option 1 to continue. (The data is written on the disk, but the record containing the invalid character is omitted.) Otherwise, select option 3 to cancel the job.

Note: This message was issued by the library maintenance utility (\$MAINT), which might have been evoked by the TOLIBR procedure. An invalid character was in one of the records of a source or procedure member that you are typing to place in the library. No character whose EBCDIC representation is less than blank ('X'40') is valid in a source or procedure library member.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

**SCP-2508 NO SOURCE ENTERED AFTER
// COPY STMT**

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, a required statement was not entered. Select option 3 to cancel the job.

Note: The library maintenance utility (\$MAINT) issued this message. No source statements were specified after the // COPY control statement. If you specify FROM-READER in the // COPY statement, you must specify at least one source or procedure statement before the // CEND statement.

**SCP-2509 SPECIFIED MEMBER(S) NOT IN
LIBRARY**

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering control statements from the keyboard, a control statement just entered might be incorrect. Select option 1; then enter the correct control statement. Otherwise, select option 3 to cancel the job.

Note: This message was issued by the library maintenance utility (\$MAINT), which might have been evoked by one of the following procedures:

FROMLIBR
LISTLIBR
REMOVE

The specified name(s) was not in the library directory. Check the specified member name and type.

Note: If this error occurred while the system was attempting to delete a data file, the REMOVE statement was entered instead of the DELETE command statement.

SCP-2510 DUPLICATE ENTRY IN LIBRARY

Cause: Operating or programming error.

Operator: An attempt was made to place a member in the library, but one already exists with the specified name and type. If you are sure that the old member is no longer needed, select option 0. Otherwise, select option 3 to cancel the job.

CAUTION

If you select option 0, the existing library member is replaced. In addition, any other duplicate library members this job creates are also replaced with no message issued.

Note: This message was issued by the library maintenance utility (\$MAINT), which might have been evoked by the TOLIBR procedure. A member with the same name and type as those specified already exists in the library. If option 0 is selected, the existing file is replaced. The name and type of the member is logged on the line preceding this error.

SCP-2511 NO NAME KEYWORD ON COPY STMT IN FILE

Cause: Operating or programming error.

Operator: If you are running a procedure, select option 3.

If you are entering control statements from the keyboard, you can select option 1; then enter a different control statement. Otherwise, select option 3 to cancel the job.

Note: This message was issued by the library maintenance utility (\$MAINT), which might have been evoked by the TOLIBR procedure. When source or procedure members are being placed in the library from a file in record mode, the record preceding each member must be the required librarian copy control statement // COPY. The NAME parameter was not specified in that statement. NAME is always required. The member cannot be placed in the library until you correct the // COPY control statement. The statement in error is logged on the line preceding this message.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-2512 NO LIBRARY KEYWORD ON COPY STMT IN FILE

Cause: Operating or programming error.

Operator: If you are running a procedure, select option 3.

If you are entering control statements from the keyboard, you can select option 1; then enter a different control statement. Otherwise, select option 3 to cancel the job.

Note: This message was issued by the library maintenance utility (\$MAINT), which might have been evoked by the TOLIBR procedure. When source or procedure members are being placed in the library from a file in record mode, the record preceding each member must be the required librarian copy control statement (// COPY). The LIBRARY parameter was not specified in that statement. LIBRARY is always required. This member cannot be placed in the library until you correct the // COPY control statement. The statement in error is logged on the line preceding this message.

SCP-2513 INVALID RECORD LENGTH IN FILE

Cause: Operating or programming error.

Operator: If you are running a procedure, select option 3.

If you are entering control statements from the keyboard, you can select option 1; then enter a different control statement. Otherwise, select option 3 to cancel the job.

Note: This message was issued by the library maintenance utility (\$MAINT), which might have been evoked by the TOLIBR procedure. An invalid record length was in a file that was being copied to the library. Records in the file must be 32 bytes long for sector mode or from 40 through 120 bytes long for record mode, and all records must be the same length.

SCP-2514 COPY STMT DOESN'T PRECEDE MEMBER IN FILE

Cause: Operating or programming error.

Operator: If you are running a procedure, select option 3.

If you are entering control statements from the keyboard, you can select option 1; then enter a different control statement. Otherwise, select option 3 to cancel the job.

Note: This message was issued by the library maintenance utility (\$MAINT), which might have been evoked by the TOLIBR procedure. When source or procedure members are being placed in the library from a file in record mode, the record preceding each member must be the required librarian copy control statement (// COPY). That record was not a // COPY statement. The member cannot be placed in the library until you correct the // COPY statement. The statement in error is logged on the line preceding this error message.

SCP-2515 INVALID CONTROL RECORD IN FILE

Cause: Operating or programming error.

Operator: If you are running a procedure, select option 3.

If you are entering control statements from the keyboard, you can select option 1; then enter a different control statement. Otherwise, select option 3 to cancel the job.

Note: This message was issued by the library maintenance utility (\$MAINT), which might have been evoked by the TOLIBR procedure. When source or procedure members are being placed in the library from a file in record mode, the record preceding each member must be the required librarian copy control statement (// COPY). That record was not a valid // COPY statement. The file cannot be processed further until you correct the // COPY control statement. The statement in error is logged on the line preceding this error.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-2516 DUPLICATE KEYWORD ON COPY STMT IN FILE

Cause: Operating or programming error.

Operator: If you are running a procedure, select option 3.

If you are entering control statements from the keyboard, you can select option 1; then enter a different control statement. Otherwise, select option 3 to cancel the job.

Note: This message was issued by the library maintenance utility (\$MAINT), which might have been evoked by the TOLIBR procedure. When source or procedure members are being placed in the library from a file in record mode, the record preceding each member must be the required librarian copy control statement (// COPY). The same keyword was used more than once in that statement. The member cannot be placed in the library until you correct the // COPY statement. The statement in error is logged on the line preceding this message.

SCP-2517 NO LIBRARY EXPANSION IS POSSIBLE

Cause: Operating or programming error.

Operator: If you are running a procedure, select option 3.

If you are entering control statements from the keyboard, you can select option 1; then enter a different control statement. Otherwise, select option 3 to cancel the job.

Note: The library maintenance utility (\$MAINT) issued this message. An attempt was made to increase the area allocated to the library; however, a file exists in the area required for the requested library expansion. To make space available for the library expansion, do one of the following:

- Use the \$FREE utility to collect available disk space at the end of #LIBRARY, and run the CATALOG procedure for a disk VTOC display to determine the maximum amount of space available following the library. Then enter a // ALLOCATE statement to increase the library size.
- If space between the library members exists, use the CONDENSE procedure to make all unused space available. If no space exists between library members, delete unnecessary library members. To delete members, first use the FROMLIBR procedure to save the members, then use the REMOVE procedure to delete them, and use the CONDENSE procedure to make the freed library space available.
- Run the BACKUP and RELOAD procedures; the space allocated for the library can be changed when you run the RELOAD procedure.

For information about the \$FREE utility or the // ALLOCATE statement (\$MAINT utility), see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593. For information about procedures, see the appropriate section of that manual.

SCP-2518 CAN'T REDUCE LIBRARY TO SPECIFIED SIZE

Cause: Operating or programming error.

Operator: If you are running a procedure, select option 3.

If you are entering control statements from the keyboard, you can select option 1; then enter a different control statement. Otherwise, select option 3 to cancel the job.

Note: The library maintenance utility (\$MAINT) issued this message. An attempt was made to decrease the area allocated to the library, but the resulting space is less than the space the library members now occupy.

Run the BACKUP and RELOAD procedures to reorganize the library. If the library still cannot be reduced to the desired size, you can use the REMOVE procedure to delete any unnecessary members. For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-2519 PTF LOG WAS REMOVED

Cause: Programming or system programming error.

Operator: Select option D.

Note: This message was issued by the library maintenance utility (\$MAINT), which might have been evoked by the FROMLIBR procedure. The library source member that contains PTF information (\$PTFLOG) is not in the system library. Place \$PTFLOG in the library so the operation can be performed. Use the TOLIBR or the RELOAD procedure. For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-2520 INVALID DIRECTORY ENTRY IN FILE

Cause: Operating or programming error.

Operator: The file being processed is not in the form required by the program. If you are running a procedure, select option 3.

If you are entering control statements from the keyboard, you can select option 1; then enter a different control statement. Otherwise, select option 3 to cancel the job.

Note: This message was issued by the library maintenance utility (\$MAINT), which might have been evoked by the TOLIBR procedure. An invalid directory entry is in the file to be placed in the library. The file was not created by the FROMLIBR procedure.

SCP-2521 ERROR DURING READ/WRITE ON FILE

Cause: Disk or diskette error.

Operator: An error occurred while the system was reading from or writing on a diskette or the disk. Select option 3.

Note: This message was issued by the library maintenance utility (\$MAINT), which might have been evoked by the FROMLIBR or TOLIBR procedure. An error completion code was returned during one of the following operations:

Diskette read: If the error occurred while a diskette file was being read, resubmit the job. If the error persists, the specified diskette file cannot be used. Save any other files; then use the INIT procedure to initialize the diskette before using it again.

Diskette write: If the error occurred while a diskette file was being written, rerun the job using a different diskette. Save any other files; then use the INIT procedure to initialize the diskette before using it again.

Disk read: If the error occurred while a disk file was being read, correct the file by using the BUILD procedure before rerunning the job.

Disk write: If the error occurred while a disk file was being written, correct the file by using the BUILD procedure before rerunning the job.

For further information about the INIT and BUILD procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

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- Option 0:** Continue the job. The OCL statement in error is ignored.
 - Option 1:** Retry the operation and continue the job.
 - Option 2:** Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.
 - Option 3:** Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
 - Option D:** Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-2522 SPECIFIED MEMBER(S) NOT NONSCP

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering control statements from the keyboard, a // DELETE statement or a // COPY statement might be incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: This message was issued by the library maintenance utility (\$MAINT), which might have been evoked by one of the following procedures:

FROMLIBR
REMOVE

One of the following errors caused this message:

- An attempt was made to copy or delete all non-SCP members, but only SCP members exist.
- An attempt was made to use the FROMLIBR or REMOVE procedure to copy or delete an SCP member.
- An attempt was made to copy or delete an SCP member(s), but OMIT-SYSTEM was specified in the // COPY utility control statement or RETAIN-S was not specified in the // DELETE utility control statement.

SCP-2523 INVALID OMIT PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, either the // DELETE or the // COPY statement is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The library maintenance utility (\$MAINT) issued this message. An invalid OMIT parameter was specified in either the // DELETE or the // COPY utility control statement.

SCP-2524 FILE STMTS CONTAIN DUPLICATE FILENAMES

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, a // FILE statement is incorrect.

Note: The library maintenance utility (\$MAINT) issued this message. The same filename was specified on a // FILE statement for a disk file and on a // FILE statement for a diskette file.

SCP-2525 INVALID PTF LOG NUMBER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the // COPY statement is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: This message was issued by the library maintenance utility (\$MAINT). The PTF number, specified in the PTF parameter of the // COPY utility control statement, is invalid. The PTF number must be numeric, and must have a value larger than zero and smaller than 65536.

SCP-2526 NO MEMBERS WITH PTF'S IN LIBRARY

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the // COPY statement is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: This message was issued by the library maintenance utility (\$MAINT). PTF-YES was specified in the // COPY utility control statement, but none of the library members contain PTFs.

SCP-2527 NO MEMBER IN FILE WITH SPEC'D PTF NUMBER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the // COPY statement is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: This message was issued by the library maintenance utility (\$MAINT). A PTF number was specified in the // COPY utility control statement, but no library members exist with that PTF number.

SCP-2528 ADDING O OR R MEMBER TO RECORD FILE

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, the utility control statement is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: This message was issued by the library maintenance utility (\$MAINT). An O or R member was specified in a utility control statement while the program was adding to a record mode file, but an O or R member cannot be added to an existing record mode file. For further information about the \$MAINT utility, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP--2550 INVALID LIBRARY TYPE SPECIFIED

Cause: Operating or programming error.

Operator: If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering control statements from the keyboard, the // COPY statement is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: This message was issued by the library maintenance utility (\$MAINT), queued job stream utility (\$QJOB), or by one of the following procedures:

FROMLIBR
LISTLIBR
REMOVE

If the library maintenance utility (\$MAINT) issued this message, an invalid LIBRARY parameter was specified in a // COPY control statement. The only valid LIBRARY parameters are :

LIBRARY-S: Source member
LIBRARY-P: Procedure member
LIBRARY-O: Load member
LIBRARY-R: Subroutine member
LIBRARY-ALL: All types of members (S, P, O, and R)
LIBRARY-SYSTEM: Print system directory

If the queue job stream utility issued this message, an invalid LIBRARY parameter was specified in a // COPY control statement. The only valid library parameters are:

LIBRARY-S: Source member
LIBRARY-P: Procedure member

If one of the procedures issued this message, an invalid type parameter was specified in the command statement. The only valid library type parameters are :

SOURCE: Source member
PROC: Procedure member
LOAD: Load member
SUBR: Subroutine member
LIBRARY: All type of members (S, P, O, and R)
SYSTEM: Print system directory

The invalid statement is logged on the line preceding this error message.

SCP--2553 PARAM 2 IS SYSTEM, PARAM 1 MUST BE DIR

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. The statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: SYSTEM was specified in the second parameter position, but DIR was not specified in the first parameter position of the LISTLIBR command statement. If SYSTEM is specified, DIR must also be specified.

SCP--2597 REQUESTED MODULE NOT IN LIBRARY

Cause: Operating or programming error.

Operator: A module required by the program being executed is not in the library. If you are running a procedure, a command statement parameter might be incorrect. Select option 3.

If you are entering control statements from the keyboard, a // LOAD statement might be incorrect. Select option 3.

Note: A program attempted to load a module that is not in the library. The name or type of the module might be incorrectly specified, or the module has been deleted from the library. If the module was deleted, reload the library before running this job again. The name of the specified module is logged on the line preceding this message.

SCP-2598 SCP MODULE CALLED--NOT IN LIBRARY

Cause: System programming error.

Operator: Select option D.

Note: A module referenced in another module's WTG (where-to-go) table is not in the library.

SCP-2599 LOAD MODULE MISSING WTG TABLE DELIMITER

Cause: System programming error.

Operator: Select option 0. After the job terminates, notify IBM for program support services.

Note: A table delimiter byte (X'FFFF') is not in the module's WTG (where-to-go) table. The module is built without a WTG table. The third and fourth characters of the module ID field in the format line are the last two characters of the module name.

SCP-2810 DISKETTE VOLUME LABEL--INVALID FORMAT

Cause: Operating error.

Operator: The inserted diskette is not in the required format. If the wrong diskette is inserted, insert the correct diskette; then select option 1. Otherwise, select option 3 to cancel the job.

Note: The inserted diskette is not in a format that can be used by this system. Three possible errors are:

- The wrong diskette is inserted.
- The diskette was not initialized for this system. Use the INIT procedure to initialize the diskette. For further information about the INIT procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.
- This message could be caused by a machine error. If the error persists after running INIT, notify your IBM customer engineer.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-2811 WRONG DISKETTE INSERTED

Cause: Operating or machine error.

Operator: The diskette was changed during the job at a time other than when an insert diskette message was displayed. If the diskette drawer was not opened during this job and a different diskette inserted, this message indicates a machine error. Select option 3; then rerun the job. If the error recurs, notify your IBM customer engineer.

If the diskette drawer was opened during the job and a different diskette inserted, do one of the following:

- Insert the original diskette; then select option 1. If the original diskette was not the correct diskette, wait for a normal system diagnostic message (for example, wrong diskette or missing file) before inserting the correct diskette.
- Select option 3 to cancel the job.

SCP-2812 PROTECTED ACCESS DISKETTE INSERTED

Cause: Operating error.

Operator: The inserted diskette cannot be used by this system. Do one of the following:

- If the wrong diskette is inserted, insert the correct diskette; then select option 1. The volume ID is checked to ensure that you inserted the correct diskette; then processing continues.
- Select option 3 to cancel the job.

Note: The inserted diskette is a protected access diskette (byte 11 of the volume label is not blank). The diskette cannot be processed.

**SCP-2813 RD INSERTED
INCORRECTLY--CHECK RD
DRAWER**

Cause: Operating or machine error.

Operator: The diskette is probably inserted incorrectly. Insert the diskette properly (make sure that the diskette door is closed); then select option 1. If the diskette is inserted correctly, and if other diskettes run properly, the diskette you are inserting might not be initialized. Use the INIT procedure to initialize the diskette. For further information about the INIT procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

If the error still persists, call your IBM customer engineer.

**SCP-2814 PERMANENT READ ERROR ON
DISKETTE**

Cause: Diskette error.

Operator: A diskette error was detected during a read operation on the diskette. Do one of the following :

- Select option 0. The sector containing the bad data is printed. Also printed are the sector preceding and the sector following the bad sector. (Mount the standard forms before selecting option 0.)
- Select option 2. Control is returned to the executing program.
- Select option 3 to cancel the job.

Note: Diskettes in format 2 with a permanent I/O error are not correctable by the operator, and data is lost.

**SCP-2816 CORRECT,ACCEPT OR DELETE
BAD SECTOR**

Cause: Informational message.

Operator: You selected option 0 when message 2814 was issued. Now do one of the following:

- Select option 0. The sector containing the bad data is displayed on the display screen. You can then correct any bad data in the sector.
- Select option 1. The sector containing the bad data is placed on the output file without corrections. Processing continues.
- Select option 2. The sector containing the bad data is not placed on the output file. Processing continues with the next record.
- Select option 3 to cancel the job.

Note: In order to correct the data, use the keyboard function keys to display the portion of the bad sector that you wish to correct. After the display is shifted to the desired position, place the cursor on either the character data line or the hex data line. Type the desired data over the bad data.

Diskettes in format 2 with a permanent I/O error are not correctable by the operator, and data is lost.

**SCP-2817 CORRECT OR ACCEPT BAD
SECTOR**

Cause: Informational message.

Operator: You selected option 0 when message 2814 was issued. Now do one of the following:

- Select option 0. The sector containing the bad data is displayed on the display screen. You can then correct any bad data in the sector.
- Select option 1. The sector containing the bad data is placed on the output file without corrections. Processing continues.
- Select option 3 to cancel the job.

Note: In order to correct the data, use the keyboard function keys to display the portion of the bad sector that you wish to correct. After the display is shifted to the desired position, place the cursor on either the character data line or the hex data line. Type the desired data over the bad data.

SCP-2819 BAD SECTOR CORRECTION VERIFICATION

Cause: Informational message.

Operator: You selected option 0 when message 2816 or 2817 was issued. The sector containing your corrections is printed. Check that all corrections were entered correctly. Then do one of the following:

- If the data in the sector is now correct, select option 0. The corrected sector is placed in the output file, and processing continues.
- If the data in the sector is still not correct, select option 1. The sector is again displayed on the display screen. Finish correcting the data.
- Select option 3 to cancel the job.

SCP-2820 PERMANENT RD I/O ERROR--JOB TERMINATED

Cause: System programming error.

Operator: Select option D.

Note: A diskette error was detected, and the program being executed did not request that control be returned to it.

SCP-2841 INVALID KEYBOARD/CRT PARAMETERS

Cause: System programming error.

Operator: Select option D.

Note: An invalid keyboard or CRT parameter is in the DTF.

SCP-2842 SELECTED COMMAND KEY UNDEFINED--RETRY

Cause: Operating error.

Operator: The command key you pressed is undefined. Select option 0; then press the correct key. Otherwise, select option 3 to cancel the job.

SCP-2843 PERM I/O ERROR DURING DISK REORGANIZING

Cause: Disk error.

Operator: A disk error was detected during the execution of the disk reorganization program (\$PACK/\$FREE). Select option 3 and reenter the OCL for the \$PACK or \$FREE utility program.

Note: Data integrity can be maintained only if \$PACK/\$FREE runs to a normal completion.

SCP-2845 \$PACK/\$FREE EXECUTE ATTEMPTED IN INQUIRY

Cause: Operating error.

Operator: Select option 3.

Note: Total system dedication is required by the disk reorganization utilities (\$PACK/\$FREE) to ensure data file integrity.

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- Option 0:** Continue the job. The OCL statement in error is ignored.
- Option 1:** Retry the operation and continue the job.
- Option 2:** Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.
- Option 3:** Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
- Option D:** Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-2847 TWO COMPRESS STATEMENTS ENTERED

Cause: Operating error.

Operator: Only one // COMPRESS... statement is allowed during an execution of the disk reorganize utility (\$FREE). If the first // COMPRESS... statement that was entered is acceptable, then select option 1 and enter the // END statement to cause execution of the utility. Otherwise select option 3 to cancel.

SCP-2848 \$FREE MUST BE EXECUTED INSTEAD

Cause: Operating error.

Operator: Select option 3. Data integrity can be maintained only if \$FREE with FREE-LOW is run. Enter the OCL for the \$FREE program.

SCP-2849 \$PACK MUST BE EXECUTED INSTEAD

Cause: Operating error.

Operator: Select option 3. Data integrity can be maintained only if \$PACK is run. Enter the COMPRESS procedure.

SCP-2850 PRINTER--COIL CURRENT CHECK

Cause: Machine error.

Operator: A machine error (coil current check) occurred during a print operation. Select option 0, 1, 2, or 3. If the error occurs often, notify your IBM customer engineer.

SCP-2851 PRINTER--BELT SPEED CHECK

Cause: Machine error.

Operator: A machine error (belt speed check) occurred during a print operation. Select option 0, 1, 2, or 3. If the error occurs often, notify your IBM customer engineer.

SCP-2852 PRINTER--INCORRECT BELT/SYNC CHECK

Cause: Operating or programming error.

Operator: A belt sync check occurred during a print operation. If the wrong print belt is mounted, mount the correct one; then do one of the following:

- Select option 0. The previous print operation is not retried.
- Select option 1. The previous print operation is retried.

If the print image in storage is incorrect, select option 2 or 3 and correct it. If both the print belt and the print image are correct, there is a machine or programming error and you should notify your IBM customer engineer.

Note: The print belt does not correspond to the print image in storage. Change the print image in storage by using the SET procedure or the // IMAGE OCL statement. For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-2853 PRINTER--EMITTER CHECK

Cause: Machine error.

Operator: A machine error (emitter check) occurred during a print operation. Select option 0, 1, 2, or 3. If the error occurs often, notify your IBM customer engineer.

SCP-2854 PRINTER--DATA/HAMMER PARITY CHECK

Cause: Machine error.

Operator: A machine error (data/hammer parity check) occurred during a print operation. Select option 0, 1, 2, or 3. If the error occurs often, notify your IBM customer engineer.

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- Option 0:** Continue the job. The OCL statement in error is ignored.
 - Option 1:** Retry the operation and continue the job.
 - Option 2:** Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.
 - Option 3:** Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
 - Option D:** Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-2855 PRINTER--UNPRINTABLE CHAR

Cause: Machine, operating, or programming error.

Operator: An attempt was made to print an unprintable character during a print operation:

- If the wrong print belt is mounted, mount the correct one and then select option 0.
- If the print image in storage is incorrect, select option 2 or 3 and then correct it.
- If both the print belt and the print image are correct, there is a machine or programming error. Select option 0, 2, or 3 and call your IBM customer engineer.

Note: To change the print image in storage use the SET procedure or the // IMAGE OCL statement. For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

An unprintable character check can be suppressed by placing a 1 in column 45 of the RPG II control specification. For further information about suppressing an unprintable character check, see the *IBM System/32 RPG II Reference Manual*, SC21-7595.

SCP-2856 PRINTER--CARRIAGE SYNC CHECK

Cause: Machine error.

Operator: A machine error (carriage sync check) occurred during a print operation. Select option 0, 1, 2, or 3. If the error occurs often, notify your IBM customer engineer.

SCP-2857 PRINTER--FORMS JAM

Cause: Machine error.

Operator: A forms jam occurred during the print operation. To continue, do the following:

1. Clear the jam.
2. Position the paper to the first line of the current form or the next form.
3. Press ERROR RESET after closing the cover.
4. Select option 1.

If you want to cancel the job, select option 2 or 3. For further information about operation of the printer, see the *IBM System/32 Operator's Guide*, GC21-7591.

SCP-2858 PRINTER--END OF FORMS

Cause: Operating error.

Operator: The end of forms was encountered during a print operation. To continue, do the following:

1. Select option 0 or 1 to finish printing the form now in the printer. Message 2858 will reappear on the display screen when the first line of the next form is encountered. Then follow steps 2 through 6.
2. Mount new forms.
3. Position paper to the first line of the new form.
4. Press ERROR RESET after closing the cover.
5. Use the LINE key to space to the first desired line of the form.
6. Select option 0 or 1 to continue. (Either option 0 or 1 is available when the message is displayed.)

If you want to cancel the job, select option 2 or 3. For further information about operation of the printer, see the *IBM System/32 Operator's Guide*, GC21-7591.

Note: For further information about forms control, see the *IBM System/32 Functions Reference Manual*, GA21-9176.

SCP-2859 PRINTER--COVER OPEN

Cause: Operating error.

Operator: The printer cover is open. Close the cover; then select option 0, 1, 2, or 3.

SCP-2860 PRINTER--PRINT UNIT OPEN

Cause: Operating error.

Operator: The print unit release lever is open. Close the print unit; then select option 0, 1, 2, or 3.

SCP-2861 PRINTER--INTERMITTENT ERROR, CONTINUE

Cause: Machine error.

Operator: An intermittent printer error was detected. The printer operation that was being performed might not have been completed.

Do one of the following:

- Select option 0 to continue. The line in error will be bypassed.
- Select option 1 to retry the line in error.
- Select option 2 or 3 to cancel the job.

If this error occurs often, notify your IBM customer engineer.

Note: An intermittent forms jam, open print unit, open cover, or end of forms was detected.

A false forms jam check or a false printer check can occur when chads (chips) are not completely punched out of two successive holes in the paper.

SCP-2865 PRINTER--FORMS HUNG

Cause: Machine error.

Operator: The carriage failed to move the form to the correct line position during a space or skip operation. Position the paper to the first line of the current form or the next form, press RESET, and select option 1. Otherwise, select option 2 or 3 to cancel the job. If the error occurs frequently, notify your IBM customer engineer.

SCP-2866 PRINTER--HORIZONTAL SYNC CHECK

Cause: Machine error.

Operator: A machine error (horizontal sync check) occurred during the print operation.

Do one of the following:

- Select option 0 to continue. The line in error will be bypassed.
- Select option 1 to retry the line in error.
- Select option 2 or 3 to cancel the job.

If this error occurs often, notify your IBM customer engineer.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-2867 PRINTER--FORMS RUNAWAY

Cause: Machine error.

Operator: The carriage failed to stop in the proper position during a space or skip operation. Position the paper to the first line of the next form and press RESET. Select option 1. Otherwise, select option 2 or 3 to cancel the job. If this error occurs frequently, notify your IBM customer engineer.

SCP-2868 PRINTER--END OF FORMS

Cause: Informational message.

Operator: The end of forms was encountered during a print, space, or skip operation. To continue, do the following:

1. Mount new forms.
2. Position the paper to the first line of the new form.
3. Press ERROR RESET after closing the cover.
4. Use the LINE key to space to the first desired line of the form.
5. Select option 0 or 1 to continue. (Either option 0 or 1 is available when the message is displayed.)

Otherwise, select option 2 or 3 to cancel the job. For further information about the operation of the printer, see the *IBM System/32 Operator's Guide*, GC21-7591.

Note: For further information about printer forms control, see the *IBM System/32 Functions Reference Manual*, GA21-9176.

SCP-2869 PRINTER--NOT READY

Cause: Machine error.

Operator: A machine error (malfunction of the power supply) occurred during the print operation. Select option 0, 1, 2, or 3. If the error occurs often, notify your IBM customer engineer.

SCP-2870 PRINTER--WIRE CHECK

Cause: Machine error.

Operator: A machine error (wire check) occurred during the print operation. Select option 0, 1, 2, or 3. If the error occurs often, notify your IBM customer engineer.

**SCP-2872 PRINTER--INTERMITTENT
ERROR, CONTINUE**

Cause: Machine error.

Operator: An intermittent printer error was detected.
The printer operation might not have been completed.
Select option 0 or 1 to continue or option 2 or 3 to
cancel the job. If this error occurs often, notify
your IBM customer engineer.

Note: An intermittent end of forms was detected.

**SCP-2875 PRINTER--STORAGE PARITY
CHECK**

Cause: Machine error.

Operator: A machine error (storage parity check)
occurred during a print operation. Select option 0,
1, 2, or 3. If the error occurs often, notify your
IBM customer engineer.

**SCP-2876 PRINTER--UNPRINTABLE
CHARACTER CHECK**

Cause: Machine or programming error.

Operator: An unprintable character was encountered
during a print operation. The unprintable character
appeared as a blank. Select option 0 to continue.
Otherwise, select option 2 or 3 to cancel the job. If
the error occurs often, notify your IBM customer
engineer.

Note: An unprintable character check can be suppressed
by placing a 1 in column 45 of the RPG II control
specifications. For further information about sup-
pressing an unprintable character check, see *IBM*
System/32 RPG II Reference Manual, SC21-7595.

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- Option 0:** Continue the job. The OCL statement in error is ignored.
Option 1: Retry the operation and continue the job.
Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.
Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted
Messages*, in section 1, for an explanation of option D.

SCP-2877 PRINTER--MODE SWITCH IN WRONG POSITION

Cause: Operating error.

Operator: The mode select switch was changed after the program was initiated. The switch must be turned to the initial position before you select option 0 or 1 to continue the job. If the switch is in the proper position, select option 2 or 3 to cancel the job and restart the program.

SCP-2881 FORMAT x INVALID

Cause: Operating error.

Operator: The format type you specified is invalid at this time. Press ERROR RESET to continue; then specify a valid record type.

SCP-2882 FORMAT CHANGE INVALID

Cause: Operating error.

Operator: An attempt was made to change the format type in the middle of a record. Press ERROR RESET to continue; then enter or delete the current record before changing the format type. (Enter the record by pressing REC ADV; delete the record by pressing REC BKSP.)

SCP-2883 DATA ACCEPTED WHEN SPACE AVAILABLE

Cause: This is an informational message.

Operator: The buffer is full. Press ERROR RESET to enter the record just keyed. If space is available in the buffer, the current record is accepted. Otherwise, this message reappears. After the current record is accepted, you will be instructed to enter the next record.

SCP-2885 ALL VALID CONSOLE RECORDS ARE NULL

Cause: Programming error.

Operator: Select option 3.

Note: The program is operating in IDE (interactive data entry) mode, and one of the following errors occurred:

- No valid records (records containing at least one defined field) were specified in nonsequence checking mode.
- No valid sequenced records were specified in sequence checking mode.

SCP-2900 DATA RECORDER OFFLINE

Cause: Operating error.

Operator: To operate the data recorder online with the System/32, set the data recorder switches to their proper settings, then select option 1 to continue. For the proper data recorder switch settings, see the *IBM System/32 Operator's Guide*, GC21-7591.

Note: If the offline condition still persists, check the data recorder attachment cables. If this does not correct the condition, select option 2 or 3 to cancel the job. Notify your IBM customer engineer.

SCP-2901 DATA RECORDER TRANSPORT JAM

Cause: Machine error.

Operator: The last card did not exit the read or punch station.

If you are operating a 129 Data Recorder the column indicator displays an 8A, signifying a transport jam.

Remove the jammed cards and do the following:

- If in read mode, put the last card read plus the cards from the register and preregister stations back into the hopper in their proper sequence.
- If in punch mode, discard these cards. Press the FEED key twice and the VERIFY RESET key once. Select option 1 to continue. Otherwise, select option 2 or 3 to cancel the job.

If you are operating a 5496 Data Recorder, the FEED CHECK light is on indicating a transport jam. Remove the jammed card and do the following:

- If in read mode, put the card back into the hopper in the proper sequence.
- If in punch mode, discard the card.

Press the RELEASE key and select option 1 to continue. Otherwise, select option 2 or 3 to cancel the job.

Note: If a new card must be punched, see the *IBM System/32 Operator's Guide*, GC21-7591, for the punch procedure.

SCP-2902 DATA RECORDER INCORRECT CARD CODE

Cause: Programming error.

Operator: Depending on the program executing, this message might not indicate an error condition. If the message was not a result of an error, the card will be processed. During a punch command a character code not in the character set of the attached device was issued to the Data Recorder. If this is not an error, select option 0 and continue. If this is an error, the card contains incorrect data and manual intervention is required.

If you are operating a 129 Data Recorder, remove the last card from the stacker and any cards in the transport by using the CLEAR switch. Then do the following:

- If in read mode, put the cards back into the hopper in their proper sequence.
- If in punch mode discard these cards. Press the FEED key twice. Select option 1 to continue. Otherwise, select option 2 or 3 to cancel the job.

If you are operating a 5496 Data Recorder, remove the card from the stacker and do the following:

- If in read mode, put the card back into the hopper in the proper sequence.
- If in punch mode, discard the card.

Select option 1 and retry the command. Otherwise, select option 2 or 3 to cancel the job.

Note: If a new card must be punched, see the *IBM System/32 Operator's Guide*, GC21-7591, for the punch procedure.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-2903 STACKER FULL, HOPPER EMPTY, OR HOPPER JAM

Cause: Informational message or machine error.

Operator: The data recorder stacker is full, the hopper is empty, or a hopper jam caused this error. If you are operating a 129 Data Recorder, the column indicator displays an 88 if in punch mode, or a 00 if in read mode. This indicates that the stacker is full, the hopper is empty, or there is a hopper jam. Do the following:

- If the stacker is full, remove the cards.
- If the hopper is empty, fill it with cards. Note that some programs require a /* card to signal the end-of-file.
- If this is a hopper jam, clear the jam and replace any damaged cards. Then put the cards back into the hopper in their proper sequence.

If the 129 is in read mode, press the FEED key twice to continue. If the 129 is in punch mode, hold down the MULT PCH key while operating the CLEAR switch; then press the VERIFY RESET key to continue (the 88 in the column indicator will change to an 8A before the error is reset).

If you are operating a 5496 Data Recorder, do the following:

- If the STACKER FULL indicator light is on, remove the cards from the stacker and press the RELEASE key.
- If this is a hopper jam remove the cards from the hopper and press the RELEASE key.

Select option 1 to continue. Otherwise, select option 2 or 3 to cancel the job.

Note: If a new card must be punched, see the *IBM System/32 Operator's Guide*, GC21-7591, for the punch procedure.

SCP-2904 DATA RECORDER COMPARE ERROR

Cause: Programming error.

Operator: During a read operation, data sent to the system is returned to the data recorder, and the data sent is compared to the data received. During a punch operation, the data recorder attachment sends the punch data back to the system where the comparing is done by the microcode. This error will not prevent the card from being processed.

If you are operating a 129 Data Recorder, a compare error occurred when the 129 read an invalid code (multiple punches in rows 2 through 7). Remove the last card in the stacker and any cards in the transport by using the CLEAR switch. Then do the following:

- If in read mode, put the removed cards back into the hopper in their proper sequence.
- If in punch mode, discard the ejected cards. Press the FEED key twice. Select option 1 to continue. Otherwise, select option 2 or 3 to cancel the job.

If you are operating a 5496 Data Recorder, remove the last card in the stacker and do the following:

- If in read mode, put the card back into the hopper in the proper sequence.
- If in punch mode, discard the card. Select option 1 to continue. Otherwise, select option 2 or 3 to cancel the job.

Note: If a new card must be punched, see the *IBM System/32 Operator's Guide*, GC21-7591, for the punch procedure.

SCP-2905 DATA RECORDER LINK IS INVALID

Cause: Programming error.

Operator: Select option 3 to cancel the job.

Note: The subroutine attachment request is invalid. Subroutine SUBR12 cannot be linked to using the RPG II EXIT operation. SUBR12 must be specified on the File Description Specification Sheet as the name of a label exit via the SPECIAL device.

SCP-2906 DATA RECORDER COMMAND REQUESTED INVALID

Cause: Programming error.

Operator: Select option 3 to cancel the job.

Note: The data recorder file type is incorrectly defined. Subroutine SUBR12 must be specified, on the File Description Specification Sheet, as an input or an output file but not both within the same program. SUBR12 cannot be defined as an update file or as a combined file.

SCP-2907 DATA RECORDER RECORD LENGTH INVALID

Cause: Programming error.

Operator: Select option 3 to cancel the job.

Note: The File Description Specification Sheet entry for record length is invalid. For the 129 Data Recorder the record length must be specified as 80 or 96. For variable length cards on the 129 (50-, 61-, or 66-column cards) 80 is the only valid entry. For the 5496 Data Recorder the record length must be specified as 96.

If the record length is coded as 96 for the 129 Data Recorder, the last 16 bytes of each record will not be punched on output and will contain blanks on input.

SCP-2908 DATA RECORDER TIMEOUT CHECK

Cause: Machine error.

Operator: Select option 2 to save any files already created. Otherwise, select option 3 to cancel the job. Call your IBM customer engineer.

SCP-3040 LINKAGE EDITOR PHASE NOT IN LIBRARY

Cause: System programming error.

Operator: Select option D.

Note: A linkage editor phase is not in the library.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-3041 LINK EDIT \$WORK FILE NOT FOUND

Cause: System programming error.

Operator: Select option D.

Note: The linkage editor work file (\$WORK) does not exist.

SCP-3042 NO TEXT OUTPUT FOR LIBRARY LOAD MEMBER

Cause: System programming error.

Operator: Select option D.

Note: The entire input stream was processed without generating any text output for a library load member.

SCP-3043 TERMINAL ERRORS DURING LINKAGE EDIT

Cause: System programming error.

Operator: Terminal errors occurred during execution of this job. Select option D.

Note: Terminal errors occurred during the execution of the linkage editor. The phase number in which the error occurred and a description of the error are printed.

SCP-3050 LOAD MODULE CAN'T BE PUT IN THE LIBRARY

Cause: System programming error.

Operator: A linkage editor error occurred (MICS 3040 through 3043), and you did not choose option 3 or D. The system terminates the job.

SCP-3060 LIBRARY IS FULL—FILE WILL BE CREATED

Cause: Programming error and informational message.

Operator: The library is full. Select option 0 to create a disk file that will contain the link-edited load module with the same name as specified in columns 75-80 of the RPG Header Specification Record. Otherwise, select option 3 to cancel the job.

Note: This message was issued by the linkage editor (#LINKK). The library does not contain enough unused space for the link-edited load module to be placed in the library. If option 0 is selected, space must be made available in the library before the TOLIBR procedure is used to copy the disk file containing the load module into the library. Make space in the library available by doing one of the following:

- If space between the library members exists, use the CONDENSE procedure to make all unused space available. If no space exists between library members, delete unnecessary library members. To delete members, first use the FROMLIBR procedure to save the members, then use the REMOVE procedure to delete them and the CONDENSE procedure to make the freed library space available.
- To increase the size of the library, enter a // ALLOCATE statement. If disk space is not available to increase the library size, first use the \$FREE utility to collect available disk space at the end of #LIBRARY. Then enter a // ALLOCATE statement to increase the size of the library.
- Run the BACKUP and RELOAD procedures; you can change the space allocated for the library when running the RELOAD procedure.

For information about the \$FREE utility or the // ALLOCATE statement (\$MAINT utility), see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593. For information about procedures, see the appropriate section of that manual.

SCP-3070 DIRECTORY IS FULL—FILE WILL BE CREATED

Cause: Programming error and informational message.

Operator: The library directory is full. Select option 0 to create a disk file that will contain the link-edited load module with the same name as specified in columns 75-80 of the RPG Header Specification Record. Otherwise, select option 3 to cancel the job.

Note: This message was issued by the linkage editor (#LINKK). Not enough space exists on the library directory to contain the entry for the link-edited load module being placed in the library. Before using the TOLIBR procedure to copy the disk file containing the load module into the library, make space available in the directory either by deleting unnecessary library members or by increasing the space allocated for the directory. To delete members, first use the FROMLIBR procedure to save the members; then use the REMOVE procedure to delete them, and use the CONDENSE procedure to compress the library members. To increase the size of the directory, run the BACKUP and RELOAD procedures. You can change the space allocated for the directory when running the RELOAD procedure. For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-3150 INVALID PHASE STATEMENT

Cause: Operating or programming error.

Operator: Select option 0 to continue; the statement in error is ignored. Otherwise, select option 3 to cancel the job.

Note: The Overlay Linkage Editor detected an error in the PHASE statement.

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- Option 0:** Continue the job. The OCL statement in error is ignored.
 - Option 1:** Retry the operation and continue the job.
 - Option 2:** Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.
 - Option 3:** Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
 - Option D:** Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-3151 INVALID OPTIONS STATEMENT

Cause: Operating or programming error.

Operator: Select option 0 to continue; the statement in error is ignored. Otherwise, select option 3 to cancel the job.

Note: The Overlay Linkage Editor detected an error in the OPTIONS statement.

SCP-3152 EXCEEDS 254 OVERLAYS OR 32K

Cause: Programming error.

Operator: Select option 3 to cancel the job.

Note: Either the Overlay Linkage Editor detected more than 254 overlays, or the program exceeds user main storage size.

SCP-3153 INVALID MODULE STATEMENT

Cause: Operating or programming error.

Operator: Select option 0 to continue; the statement in error is ignored. Otherwise, select option 3 to cancel the job.

Note: The Overlay Linkage Editor detected an error in the MODULE statement.

SCP-3154 INVALID CATEGORY STATEMENT

Cause: Operating or programming error.

Operator: Select option 0; the statement in error is ignored. Otherwise, select option 3 to cancel the job.

Note: The Overlay Linkage Editor detected an error in the CATEGORY statement.

SCP-3155 INVALID GROUP STATEMENT

Cause: Operating or programming error.

Operator: Select option 0 to continue; the statement in error is ignored. Otherwise, select option 3 to cancel the job.

Note: The Overlay Linkage Editor detected an error in the GROUP statement.

SCP-3156 INVALID STATEMENT IDENTIFIER

Cause: System programming error.

Operator: Select option 3 to cancel the job.

Note: Overlay Linkage Editor detected an invalid statement identifier.

SCP-3157 TOO MANY PHASE OR OPTION STATEMENTS

Cause: Operating or programming error.

Operator: Select option 0 to continue; the statement in error is ignored. Otherwise, select option 3 to cancel the job.

Note: Too many PHASE or OPTION statements were used for the Overlay Linkage Editor program. Only one of each is allowed.

SCP-3158 INVALID EQUATE STATEMENT

Cause: Operating or programming error.

Operator: Select option 0 to continue; the statement in error is ignored. Otherwise, select option 3 to cancel the job.

Note: The Overlay Linkage Editor detected an error in the EQUATE statement.

SCP-3159 OBJECT MODULE CANNOT BE CATALOGED

Cause: Programming error.

Operator: Select option 3.

Note: The Overlay Linkage Editor could not catalog an object module due to lack of space.

SCP-3160 MODULE ON MODULE STATEMENT NOT FOUND

Cause: Operating or programming error.

Operator: Select option 0 to continue; the module name is ignored. Otherwise, select option 3 to cancel the job.

Note: A module specified on the MODULE statement was not found for the Overlay Linkage Editor.

SCP-3161 OBJECT MODULE NOT FOUND

Cause: Operating or programming error.

Operator: Select option 3 to cancel the job.

Note: The Overlay Linkage Editor detected an error. An END statement was found before a MODULE statement was successfully processed. A MODULE statement is required.

SCP-3162 OPTIONS STATEMENT ENTRY LABEL NOT FOUND

Cause: Operating or programming error.

Operator: Select option 0 to continue; the standard entry point will be used. Otherwise, select option 3 to cancel the job.

Note: An entry point label in the OPTIONS statement for the Overlay Linkage Editor was not found.

SCP-3163 CAPACITY OF \$WORK FILE EXCEEDED

Cause: Programming error.

Operator: Select option 3 to cancel the job.

Note: The Overlay Linkage Editor has run out of work area in \$WORK.

SCP-3164 CAPACITY OF \$SOURCE FILE EXCEEDED

Cause: Programming error.

Operator: Select option 3 to cancel the job.

Note: The Overlay Linkage Editor has run out of work area in \$SOURCE.

SCP-3165 COMPILER DATA IN \$WORK FILE INVALID

Cause: System programming error.

Operator: Select option 3 to cancel the job.

Note: The Overlay Linkage Editor detected an error in the compiler output in \$WORK.

SCP-3166 OBJECT MODULE TEXT OUT OF SEQUENCE

Cause: Programming error.

Operator: Select option 3 to cancel the job.

Note: The Overlay Linkage Editor detected an error. The object text is out of sequence. An ORG instruction has caused code to overlay other code.

SCP-3167 INVALID EXTERNAL SYMBOL LIST RECORD

Cause: System programming error.

Operator: Select option 3 to cancel the job.

Note: The Overlay Linkage Editor read an invalid ESL record in the S record.

SCP-3168 INVALID RLD

Cause: System programming error.

Operator: Select option 3 to cancel the job.

Note: The Overlay Linkage Editor has read an invalid Relocation Directory entry.

SCP-3169 UNRESOLVED EXTRN TO AN ENTRY POINT

Cause: Programming error.

Operator: Select option 3 to cancel the job.

Note: The Overlay Linkage Editor has detected an unresolved EXTRN to an entry point.

SCP-3170 MODULE NOT FOUND DURING AUTOLINK

Cause: Programming error.

Operator: Select option 3 to cancel the job.

Note: The Overlay Linkage Editor did not find a module during AUTOLINK.

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- Option 0:** Continue the job. The OCL statement in error is ignored.
Option 1: Retry the operation and continue the job.
Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.
Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-3171 PROGRAM WILL NOT FIT IN MAX STORAGE SIZE

Cause: Programming error.

Operator: Select option 3 to cancel the job.

Note: An error was detected by the Overlay Linkage Editor. The program will not fit in the maximum storage size.

SCP-3172 PROGRAM WILL NOT FIT IN SPECIFIED SIZE

Cause: Programming error.

Operator: Select option 0 to continue. The program requires the storage size shown in the storage map. Otherwise, select option 3 to cancel the job.

Note: The Overlay Linkage Editor detected an error. The program will not fit in the specified storage size. If the storage size is not specified in the OPTIONS statement, the storage size is the users main storage size of your System/32.

SCP-3173 EXCEEDS 400 ENTRY PTS AND MODULE NAMES

Cause: Programming error.

Operator: Select option 3 to cancel the job.

Note: The Overlay Linkage Editor detected an error. There are more than 400 entry points and module names in the combination of the root and one overlay.

SCP-3175 MODULE NOT REFERENCED BY AN EXTRN

Cause: Operating or programming error.

Operator: Select option 0 to continue; the subroutine will be included with the load module. Otherwise, select option 3 to cancel the job.

Note: The Overlay Linkage Editor detected an error. A module was named in a MODULE statement but it was not referenced by an EXTRN statement in any of the included object modules.

SCP-3176 MAINLINE MODULE IN A GROUP OR CATEGORY

Cause: Operating or programming error.

Operator: Select option 0 to continue; the subroutine named in the GROUP or CATEGORY statement is ignored. Otherwise, select option 3 to cancel the job.

Note: The Overlay Linkage Editor detected an error. The mainline module is named in a GROUP or CATEGORY statement.

SCP-3177 MODULE IN GROUP HAS CATEGORY 0 THROUGH 7

Cause: Operating or programming error.

Operator: Select option 0 to continue; the GROUP statement is ignored. Otherwise, select option 3 to cancel the job.

Note: The Overlay Linkage Editor detected an error. A module in a GROUP statement has a category value from 0 to 7.

SCP-3178 MODULE IN A GROUP OR CATEGORY NOT FOUND

Cause: Operating or programming error.

Operator: Select option 0 to continue or select option 3 to cancel the job.

Note: The Overlay Linkage Editor detected an error.
The module named in the GROUP or CATEGORY statement was not included.

SCP-3179 MODULE CALLED OF DIFFERENT CATEGORY

Cause: Programming error.

Operator: Select option 3 to cancel the job.

Note: The Overlay Linkage Editor detected an error.
A module with a category from 1 to 7 has called a module with a different category.

SCP-3180 DUPLICATE MODULE NAME OR ENTRY POINT

Cause: Programming error.

Operator: Select option 0 to continue or select option 3 to cancel the job.

Note: The Overlay Linkage Editor detected an error.
Duplicate module names or entry points were found.
If only one of the duplicates is in the storage map, a duplicate was dropped.

SCP-3182 ENTRY POINT NOT RELATIVE 0 IN A MODULE

Cause: Programming error.

Operator: Select option 3 to cancel the job.

Note: The Overlay Linkage Editor detected an error.
The entry point was not relative zero for a module with COMMON area.

SCP-3183 NO WORK SPACE AVAILABLE ON DISK

Cause: Operating or programming error.

Operator: Select option 3 to cancel the job.

Note: FILE statements were omitted for the Overlay Linkage Editor and work space was not found on the disk.

SCP-3184 INCORRECT ERROR CODE

Cause: System programming error.

Operator: Select option 3 to cancel the job.

Note: The Overlay Linkage Editor detected an incorrect error code.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

**SCP-3185 MODULE NAME NOT ON FIRST
ESL RECORD**

Cause: System programming error.

Operator: Select option 3 to cancel the job.

Note: The first ESL (External Symbol List) record for the Overlay Linkage Editor was not the module name.

SCP-3186 INVALID ESL NUMBER

Cause: System programming error.

Operator: Select option 3 to cancel the job.

Note: The Overlay Linkage Editor detected an invalid ESL (External Symbol List) number in the text.

**SCP-3187 UNRECOGNIZED RECORD IN
\$WORK OR LIBRARY**

Cause: System programming error.

Operator: Select option 3 to cancel the job.

Note: The Overlay Linkage Editor detected an unrecognized statement in \$WORK or in the library.

SCP-3188 PERMANENT DISK I/O ERROR

Cause: Machine error.

Operator: Select option 3 to cancel the job.

Note: The Overlay Linkage Editor detected a permanent disk I/O error.

**SCP-3189 LOAD MODULE CANNOT BE
CATALOGED**

Cause: Programming error.

Operator: Select option 3 to cancel the job.

Note: The Overlay Linkage Editor could not catalog a load module.

SCP-3200 BSCA – NO LINE CONNECTION

Cause: Communications equipment error.

Operator: The line connection was not established.

If the program being executed is using a permanent error indicator, no operator response is required.

If the program being executed is not using a permanent error indicator, select option 1 to make another attempt to establish the connection. Otherwise, select option 2 or 3 to cancel the job. For further information, see the *IBM System/32 Operator's Guide*, GC21-7591.

SCP-3205 BSCA – INVALID ID

Cause: Programming error.

Operator: An invalid ID exchange has occurred on the switched line. Select option 2 or 3.

SCP-3210 BSCA – PERMANENT ERROR DURING CLOSE

Cause: Communications equipment error.

Operator: This message indicates a BSCA error.

The last transmitted block was not sent. If this error occurs during a change from a transmit BSCA file to a subsequent BSCA file, select option 0 to continue or option 3 to cancel the job. If this error occurs at the end of a job, select option 2 or 3 to cancel the job. For further information about BSCA permanent errors, see the *IBM System/32 RPG II Data Communications Programming Reference Manual*, SC21-7595. If this error occurs often, notify the person responsible for the maintenance of your communications equipment or lines.

Note: If an invalid option is selected for a BSCA message or an RPG execution time message with BSCA active, a ? will replace the invalid option. If this happens, move the cursor to the left with the ← key and select the valid option.

SCP-3211 BSCA – IBM ATTACHMENT FAILURE – CALL CE

Cause: Machine error.

Operator: This error message is a result of the previous error message. The error was caused by an IBM attachment failure. Select option 2 or 3. If this error occurs often, notify your IBM customer engineer.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-3212 BSCA – IBM MODEM FAILURE – CALL CE

Cause: Communications equipment error.

Operator: This error message is a result of the previous error message. The error was caused by integrated modem failure. Select option 2 or 3. If this error occurs often, notify your IBM customer engineer.

SCP-3213 BSCA – IBM EQUIPMENT TEST SATISFACTORY

Cause: Communications equipment error.

Operator: This error message is a result of the previous error message. Select option 2 or 3. If the error occurs often, contact the person responsible for the maintenance of your communications lines.

Note: This error might be caused by the failure of the remote teleprocessing system.

SCP-3215 BSCA – INVALID ASCII CHARACTER

Cause: Programming error.

Operator: If the program being executed is using a permanent error indicator, no operator response is required. If the program is not using a permanent error indicator, an RPG II operator message will follow this message.

Note: An invalid character has been found in the data stream. Control was returned to the program being executed.

SCP-3220 BSCA – DELAY TIME EXCEEDED

Cause: Operating or programming error.

Operator: If the program being executed is using a permanent error indicator, no operator response is required. If the program is not using a permanent error indicator, an RPG II operator message will follow this message.

Note: A block of data was not sent or received within the delay time specified by the RPG telecommunications specifications. Control was returned to the program being executed.

SCP-3225 BSCA – EOT RECEIVED IN TRANSMIT MODE

Cause: Operating or programming error.

Operator: If the program being executed is using a permanent error indicator, no operator response is required. If the program is not using a permanent error indicator, an RPG II operator message will follow this message.

Note: An EOT (end of transmission) was received in response to transmitted data. Control was returned to the program being executed.

SCP-3230 BSCA – FORWARD ABORT SEQUENCE RECEIVED

Cause: Operating or programming error.

Operator: If the program being executed is using a permanent error indicator, no operator response is required. If the program is not using a permanent error indicator, an RPG II operator message will follow this message.

Note: A forward abort sequence was received (for receive files only). Control was returned to the program being executed.

SCP-3235 BSCA – NO RESPONSE FROM REMOTE STATION

Cause: Machine, operating or programming error.

Operator: If the program being executed is using a permanent error indicator, no operator response is required. If the program is not using a permanent error indicator, an RPG II operator message will follow this message.

Note: The remote station did not respond to an attempted data transfer. Control was returned to the program being executed. (Either the remote station did not respond or a machine error occurred.)

SCP-3240 BSCA – DATA CHECK

Cause: Machine error.

Operator: If the program being executed is using a permanent error indicator, no operator response is required. If the program is not using a permanent error indicator, an RPG II operator message will follow this message. If this error occurs often, contact your IBM customer engineer.

Note: Data was received incorrectly (data check). Control was returned to the program being executed.

SCP-3245 BSCA – RECEIVED DATA EXCEEDS BUFFER SIZE

Cause: Machine, operating or programming error.

Operator: If the program being executed is using a permanent error indicator, no operator response is required. If the program is not using a permanent error indicator, an RPG II operator message will follow this message.

Note: The data received was lost because it exceeded the size of the input buffer or had no ending BSCA control character. The wrong program might have been specified to be loaded. Control was returned to the program being executed.

SCP-3250 BSCA – LOST CONNECTION

Cause: Communications equipment error.

Operator: If the program being executed is using a permanent error indicator, no operator response is required. If the program is not using a permanent error indicator, an RPG II operator message will follow this message. If this error occurs often, contact the person responsible for the maintenance of your communications lines.

Note: The switched line connection with the remote station was lost or a disconnect was received in response to transmitted text. Control was returned to the program being executed.

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- Option 0:** Continue the job. The OCL statement in error is ignored.
 - Option 1:** Retry the operation and continue the job.
 - Option 2:** Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.
 - Option 3:** Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
 - Option D:** Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-3265 BSCA – ADAPTER CHECK

Cause: Machine error.

Operator: If the program being executed is using a permanent error indicator, no operator response is required. If the program is not using a permanent error indicator, an RPG II operator message will follow this message. If the error occurs often, contact your IBM customer engineer.

Note: A machine error (BSCA adapter check) occurred. Control was returned to the program being executed.

SCP-3280 BSCA – CONVERSATIONAL FILE REQUEST

Cause: Programming error.

Operator: Select option 3.

Note: A conversational file was specified, but conversational files are not supported by System/32.

SCP-3285 BSCA – TRANSPARENT ITB WITH TRANSMIT

Cause: Programming error.

Operator: Select option 3.

Note: A transparent ITB was specified for the TRANSMIT file, but System/32 does not support this mode.

SCP-3290 BSCA--OPERATOR ANSWER REQUIRED

Cause: Informational message.

Operator: When receiving a call and answering manually, do the following:

1. After you are called, lift the receiver and talk to the operator of the other system.
2. Enter option 0 to continue.
3. Put your modem in data mode *before* the caller puts his modem in data mode.
4. Place the receiver back on your modem. The programs begin executing and data is transferred.

SCP-3295 BSCA--OPERATOR DIAL REQUIRED

Cause: Informational message.

Operator: When initiating a call, do the following:

1. Put your modem in talk mode.
2. Pick up the receiver and dial the remote terminal.
3. Either the operator of the remote terminal will answer your call, or you will hear a high-pitched tone indicating that the operator placed the modem in auto mode. If you talk to the operator, request that the modem be placed in data mode.
4. Enter option 0 to continue.
5. Place your modem in data mode.
6. The programs begin executing and data is transferred.

SCP-3300 BSCA--PERMANENT ERROR

Cause: Machine error.

Operator: If the program being executed is using a permanent error indicator, no operator response is required. If the program is not using a permanent error indicator, an RPG II operator message will follow this message.

SCP-3305 BSCA--INVALID USER REQUEST

Cause: Programming error.

Operator: This message indicates an error in the program being executed. Select option 2 or 3.

Note: An input file was not processed completely to EOF.

SCP-3400 SDLC -- OPERATOR ANSWER REQUIRED

Cause: Informational message.

Operator: Answer the call from the host system. For further information about executing data communication programs over a switched network, see the *IBM System/32 Operator's Guide*, GC21-7591.

SCP-3401 SDLC -- OPERATOR DIAL REQUIRED

Cause: Informational message.

Operator: Dial the host system. For further information about executing a data communications program over a switched network, see the *IBM System/32 Operator's Guide*, GC21-7591.

SCP-3402 SDLC -- MODEM POWER ON? -- DSR INACTIVE

Cause: Communications equipment error or operating error.

Operator: The System/32 is attempting to run an SDLC program using a leased line, but DATA SET READY is not on. Check the AC power to the modem and then select option 1 to retry the line initialization. If DATA SET READY is still not on, call the person responsible for the maintenance of the modem. Select option 3 to cancel the job.

Note: A DATA SET READY LIGHT is located on the CE panel. See the *IBM System/32 Operator's Guide*, GC21-7591, for the exact location of the light.

SCP-3403 SDLC -- IBM ATTACHMENT FAILURE -- CALL CE

Cause: Machine error.

Operator: This error message is the result of the previous error message on the display screen. This error was caused by an IBM attachment failure. Select option 2 or 3. If this error occurs often, notify your IBM customer engineer.

SCP-3404 SDLC -- IBM MODEM FAILURE -- CALL CE

Cause: Communications equipment error.

Operator: This error message is a result of the previous error message on the display screen. The error was caused by an IBM modem failure. Select option 2 or 3. If this error occurs often, notify your IBM customer engineer.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-3405 SDLC – IBM EQUIPMENT TEST SATISFACTORY

Cause: Communications equipment error.

Operator: This error is the result of the previous error message on the display screen. Select option 2 or 3. If the error occurs often, contact the person responsible for the maintenance of your communications lines.

Note: This error might be caused by the failure of the remote teleprocessing system.

SCP-3406 COMMUNICATIONS ESTABLISHED

Cause: Informational message.

Operator: The SNA initialization is complete.

SCP-3701 SYSLIST UNABLE TO USE PRINTER

Cause: Informational message.

Operator: An attempt was made to print a message, but the program being executed was using the printer. Select option 0 or 3. If you select option 0, the program continues, but does not print the message.

Note: To avoid this message, assign the system list device to CRT or to OFF.

SCP-3721 INVALID COMMAND KEY PRESSED

Cause: Operating error.

Operator: An invalid command key was pressed. Select option 0 to continue. Otherwise, select option 3 to cancel the job.

SCP-3800 MESSAGE ID NOT IN USER1 MESSAGE MEMBER

Cause: Programming error.

Operator: A required parameter was not entered in a command statement, but the resulting error message could not be found. Select option 0 if instructed to in the program operating instructions. Otherwise, select option 3 to cancel the job.

Note: A required parameter was not entered in a command statement, but the message the procedure tried to issue as a result is not in the user's message member (USER1). Either the member was incorrectly defined, or the statement with the specified message identification code is not in the member.

SCP-3801 INVALID SUBSTITUTION SYNTAX

Cause: Programming error.

Operator: Select option 3.

Note: A substitution statement contains a syntax error. You can use the HISTORY ALL command to list the procedure statements preceding the statement in error.

SCP-3802 QUESTION MARK MISSING

Cause: Programming error.

Operator: Select option 3.

Note: A question mark is missing in a substitution statement. A substitution statement must always contain two question marks. You can use the HISTORY ALL command to list the procedure statements preceding the statement in error.

SCP-3803 TWO QUESTION MARKS IN ROW

Cause: Programming error.

Operator: Select option 3.

Note: A substitution statement contains two question marks in a row. You can use the HISTORY ALL command to list the procedure statements preceding the statement in error.

SCP-3804 SUBSTITUTION VARIABLE NOT 1-11

Cause: Programming error.

Operator: Select option 3.

Note: A parameter position less than 1 or greater than 11 is specified in the procedure. You can use the HISTORY ALL command to list the procedure statements preceding the statement in error.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-3805 INVALID MESSAGE ID

Cause: Programming error.

Operator: Select option 3.

Note: An invalid MIC (message identification code) is specified in the procedure. An MIC must be a number from 0000 through 9999. You can use the HISTORY ALL command to list the procedure statements preceding the statement in error.

SCP-3806 INVALID DEFAULT VALUE

Cause: Programming error.

Operator: Select option 3.

Note: An invalid default value is specified in the procedure. A default value must be from one to eight characters long and must be enclosed in quotes. You can use the HISTORY ALL command to list the procedure statements preceding the statement in error.

SCP-3807 2ND CHAR STRING GREATER THAN 8 CHAR

Cause: Programming error.

Operator: Select option 3.

Note: The character string after the slash in a comparison test contains more than eight characters. You can use the HISTORY ALL command to list the procedure statements preceding the statement in error.

SCP-3808 PROCEDURE MEMBER RECORD TRUNCATED

Cause: Programming error.

Operator: Select option 3.

Note: A procedure member record is longer than 120 bytes after the substitutions are performed. You can use the HISTORY ALL command to list the procedure statements preceding the statement in error.

SCP-3809 LIBRARY MEMBER NAME OR FILENAME OMITTED

Cause: Programming error.

Operator: Select option 3.

Note: The member name or filename is missing in an existence test. A blank might be specified between the hyphen (-) and the first character of the name. You can use the HISTORY ALL command to list the procedure statements preceding the statement in error.

SCP-3810 INVALID DATE IN FILE EXISTENCE TEST

Cause: Operating or programming error.

Operator: A command statement parameter might be incorrect. Select option 3.

Note: An invalid date is specified in an existence test. You can use the HISTORY ALL command to list the procedure statements preceding the statement in error.

SCP-3811 NO '/' OR '-' IN AN IF EXPRESSION

Cause: Programming error.

Operator: Select option 3.

Note: Either a slash (/) or hyphen (-) is missing in an IF expression, or a character string of more than eight characters precedes the slash or hyphen. You can use the HISTORY ALL command to list the procedure statements preceding the statement in error.

SCP-3812 INVALID KEYWORD IN AN IF EXPRESSION

Cause: Programming error.

Operator: Select option 3.

Note: An invalid keyword is specified in an IF expression. You can use the HISTORY ALL command to list the procedure statements preceding the statement in error.

SCP-3813 MORE THAN 8 CHARACTERS IN MEMBER NAME

Cause: Programming error.

Operator: Select option 3.

Note: A library member containing more than eight characters is specified in an IF expression. You can use the HISTORY ALL command to list the procedure statements preceding the statement in error..

SCP-3814 SWITCH NOT '1' OR '0'

Cause: Programming error.

Operator: Select option 3.

Note: A switch is tested for a value other than 0 or 1 in the procedure. You can use the HISTORY ALL command to list the procedure statements preceding the statement in error.

SCP-3815 MORE THAN 8 CHAR IN FILENAME

Cause: Programming error.

Operator: Select option 3.

Note: A filename containing more than eight characters is specified in an IF expression. You can use the HISTORY ALL command to list the procedure statements preceding the statement in error.

SCP-3816 SECOND QUOTE MISSING IN IF EXPRESSION

Cause: Programming error.

Operator: Select option 3.

Note: The second quote is missing in an existence test for which both the name and date are specified. You can use the HISTORY ALL command to list the procedure statements preceding the statement in error.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-3817 JOB CANCELLED--SEE PRECEEDING LINE

Cause: Informational message.

Operator: The system issued an informational error message with a cancel. To assure that the user does not overlook the message, this halt requiring an operator response is issued. Select option 3; then correct the error indicated.

SCP-3820 INVALID DATA FOUND IN PROCEDURE MEMBER

Cause: Programming error.

Operator: Select option 3. Rerun the procedure; if the error occurs again, call your IBM customer engineer.

Note: The procedure member the system was accessing has invalid data. This procedure must be replaced. All library members following the procedure library member in error might also contain incorrect data.

SCP-4000 RELOAD PROGRAM NOT ON DISKETTE

Cause: Operating or programming error.

Operator: The diskette you inserted cannot be reloaded. Select option 3.

Note: The diskette cannot be reloaded due to one of the following conditions:

- An attempt was made to reload a diskette that was not created with the BACKUP procedure.
- The contents on the diskette were destroyed.
- The diskette inserted is not the first of a set.

SCP-4001 PERMANENT DISKETTE READ ERROR

Cause: Diskette error.

Operator: The inserted diskette contains an error. Select option 3.

Note: A diskette error occurred during an attempt to reload the library or during the execution of the backup library utility (\$BACK).

If you are attempting to reload the library, retry the operation. If the error recurs, the library cannot be reloaded from this diskette.

If you are attempting to back up the library, rerun the job using a different diskette. Use the INIT procedure to initialize the diskette containing the error before using it again. For further information about the INIT procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-4100 END OF FILE FROM KEYBOARD

Cause: Operating error.

Operator: The last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: A /* was entered from the keyboard. This statement is invalid.

SCP-4102 INPUT BUFFER SIZE NOT VALID

Cause: System programming error.

Operator: Select option D.

Note: The input buffer size is zero or greater than 120 bytes.

SCP-4103 NO VERB RECORD IN MODULE

Cause: System programming error.

Operator: Select option D.

Note: The specification module for this utility does not contain a verb record.

SCP-4104 IDENTIFIER INVALID IN THIS SITUATION

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the last statement is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: A utility control statement was specified that is incompatible with the previously specified control statements. The invalid identifier is logged on the line preceding this message.

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- Option 0:** Continue the job. The OCL statement in error is ignored.
 - Option 1:** Retry the operation and continue the job.
 - Option 2:** Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.
 - Option 3:** Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
 - Option D:** Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

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SCP-4105 IDENTIFIER NOT RECOGNIZED

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: An invalid identifier was specified in a utility control statement. The invalid identifier is logged on the line preceding this message.

SCP-4107 NO IDENTIFIER IN STATEMENT

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: No valid identifier was specified in a utility control statement. The first character of an identifier must be alphabetic (A through Z, @, #, or \$).

SCP-4106 NO BLANK AFTER IDENTIFIER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The identifier was not followed by a blank in a utility control statement. The identifier is logged on the line preceding this message.

SCP-4108 INPUT BUFFER EMPTY

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The input buffer was empty. Only // was specified, instead of a complete utility control statement.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-4109 PARAMETER FOLLOWED BY INVALID DELIMITER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: An invalid delimiter was specified after a parameter in a utility control statement. The only valid delimiters are a comma and a blank. The parameter is logged on the line preceding this message.

SCP-4110 STATEMENT MUST BEGIN WITH '//'

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The first three characters in a utility control statement were not //b (// blank). The first three characters of the control statements for the utility being executed must be //b.

SCP-4111 INVALID ATTRIBUTE--SUBEN

Cause: Programming error.

Operator: Select option D.

Note: The SUBEN table contains an invalid entry.

SCP-4112 NO SUBEN AFTER SUBTB

Cause: Programming error.

Operator: Select option D.

Note: A SUBEN table does not follow a SUBTB entry. The parameter specified in the SUBTB entry is logged on the line preceding this message.

SCP-4113 UNRECOGNIZABLE RECORD

Cause: Programming error.

Operator: Select option D.

Note: The record definition field contains an invalid character.

SCP-4114 NULL DEFAULT FOR PARAMETER

Cause: System programming error.

Operator: This message indicates a programming error. Select option D.

Note: A default value of null is specified. The parameter for which the null default is specified is logged on the line preceding this message.

SCP-4115 REQUIRED PARAMETER MISSING

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: A required parameter was not specified in a utility control statement. The name or position of the parameter is logged on the line preceding this message.

SCP-4116 OPTIONAL/REQUIRED FLAG INVALID

Cause: System programming error.

Operator: Select option D.

Note: The field that specifies whether a parameter is optional or invalid contains an invalid entry.

SCP-4118 FIRST CHARACTER NOT ALPHABETIC

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the last control statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: In a utility control statement, a filename or member name was specified that did not begin with an alphabetic character (A through Z, @, #, or \$). The name or position of the parameter is logged on the line preceding this message.

SCP-4119 INVALID ATTRIBUTE--PARAMETER

Cause: System programming error.

Operator: Select option D.

Note: An invalid parameter attribute was specified. This is an error in the specification module.

SCP-4120 NUMBER OUT OF RANGE

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: A parameter value was specified that is invalid for the utility being executed. The name or position of the parameter is logged on the line preceding this message.

SCP-4121 QUOTED STRING INVALID

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 and cancel the job.

Note: An invalid quoted string was specified in a utility control statement. The name or position of the parameter is logged on the line preceding this message.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-4122 INVALID NUMBER OF CHARS IN PARAM VALUE

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: A code parameter or value was specified that contained more than the number of characters the utility being executed allowed. The name or position of the parameter is logged on the line preceding this message.

SCP-4123 POSITIONAL PARAMETER INVALID

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: An invalid positional parameter was specified in a utility control statement. The position of the parameter is logged on the line preceding this message.

SCP-4124 INVALID DELIMITER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: An invalid delimiter was specified after a parameter in a utility control statement. The only valid delimiters are a blank and a comma.

SCP-4125 NONNUMERIC CHARACTER IN NUMERIC FIELD

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: A nonnumeric character was specified in a utility control statement field that can contain only numeric characters. The name or position of the parameter is logged on the line preceding this message.

SCP-4126 NUMBER EXCEEDS ALLOWABLE SIZE OF 32767

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: A number was specified that exceeds the maximum value the system allows. A number cannot be greater than 32767 or less than -32767. The name or position of the parameter is logged on the line preceding this message.

SCP-4127 DUPLICATE PARAMETER

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The same keyword parameter was specified more than once in a utility control statement. A given keyword parameter can appear only once in a statement. The keyword is logged on the line preceding this message.

SCP-4128 MORE THAN 64 PARAMETERS

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: One of the following errors has occurred:

- More than 64 parameters were specified in a utility control statement. A utility control statement cannot contain more than 64 parameters.
- The specification module specified that the utility control statement contained more than 64 parameters. This is an error in the specification module.

SCP-4129 KEYWD/POSIT ID OF ZERO

Cause: System programming error.

Operator: Select option D.

Note: The ID for a KEYWD or POSIT record is zero.

SCP-4130 NO KEYWORD VALUE ENTERED

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The value portion of a keyword parameter was not specified. The name of the keyword parameter is logged on the line preceding this message.

SCP-4131 INVALID KEYWORD

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: One of the keywords specified in a utility control statement is invalid in that statement. The keyword is logged on the line preceding this message.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-4132 CLOSING QUOTE NOT SPECIFIED

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: The closing quote was not specified for a character string that must be enclosed in quotes.

SCP-4133 OUTPUT AREA OVERFLOW--SUBEN

Cause: System programming error.

Operator: Select option D.

Note: Not enough room is available in the output area to contain the substitution value that the syntax checker was trying to insert.

SCP-4134 UNKNOWN SYSTEM ERROR

Cause: System programming error.

Operator: Select option D.

Note: An invalid return code was returned to the syntax checker.

SCP-4135 INVALID PARAMETER VALUE

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: An invalid value was specified in the value portion of a keyword parameter. The name of the parameter is logged on the line preceding this message.

SCP-4136 PARAMETER IS MISSING

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: A parameter required in conjunction with other parameters in the statement is missing.

SCP-4137 NO OUTPUT SIZE IN SUBEN

Cause: System programming error.

Operator: Select option D.

Note: No space is allotted in the output area for the substitution value that the syntax checker was trying to insert.

SCP-4138 NO SUBEN WITH GIVEN ID

Cause: System programming error.

Operator: Select option D.

Note: No SUBEN entry exists for a requested ID.

SCP-4139 NO SUBTB FOR PARAMETER

Cause: System programming error.

Operator: Select option D.

Note: No SUBTB entry exists for a parameter.

SCP-4140 CONFLICTING PARAMETERS

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the last statement entered is incorrect. Select option 1; then enter the correct statement. Otherwise, select option 3 to cancel the job.

Note: A parameter that is invalid with one or more of the other parameters was specified in a utility control statement.

SCP-4143 SUBEN VALUE EXCEEDS 32767

Cause: System programming error.

Operator: Select option D.

Note: A numeric value specified in the SUBEN table exceeds the maximum value of 32767.

SCP-4144 OUTPUT AREA OVERFLOW

Cause: System programming error.

Operator: Select option D.

Note: Not enough room is in the output area to contain the output from the syntax checker.

SCP-4145 ERROR--SEE IDENTIFIER -> identifier

Cause: Operating or programming error.

Operator: This message is useful when diagnosing errors in utility control statements. No operator action is required.

Note: The syntax checker issues this message when an error is detected in a utility control statement identifier. Where meaningful, it is displayed before the utility regains control. The utility then issues a message describing the error.

SCP-4142 SUBEN VALUE NOT NUMERIC

Cause: System programming error.

Operator: Select option D.

Note: A nonnumeric substitutic. value is specified in the SUBEN table for a variable that must be numeric.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-4146 ERROR--SEE PARAMETER -> parameter

Cause: Operating or programming error.

Operator: This message is useful when the system is diagnosing errors in utility control statements. No operator action is required.

Note: The syntax checker issues this message when an error is detected in a utility control statement parameter. Where meaningful, it is displayed before the utility regains control. The utility then issues a message describing the error.

SCP-4147 ERROR--SEE POSITIONAL PARAMETER -> parameter position

Cause: Operating or programming error.

Operator: This message is useful when diagnosing errors in utility control statements. No operator action is required.

Note: The syntax checker issues this message when an error is detected in a utility control statement positional parameter. Where meaningful, it is displayed before the utility regains control. The utility then issues a message describing the error.

SCP-4148 ERROR--SEE KEYWORD PARAMETER -> keyword

Cause: Operating or programming error.

Operator: This message is useful when the system is diagnosing errors in utility control statements. No operator action is required.

Note: The syntax checker issues this message when an error is detected in a utility control statement keyword parameter. Where meaningful, it is displayed before the utility regains control. The utility then issues a message describing the error.

SCP-4350 UNABLE TO READ ID OR DATA FROM FD

Cause: Machine error.

Operator: Select option 3; then rerun the job. If the error recurs, notify your IBM customer engineer.

Note: This message was issued by the build utility (\$BUILD), which the BUILD procedure might have evoked. \$BUILD was unable to read information from the disk.

SCP-4351 UNABLE TO WRITE ID OR DATA TO FD

Cause: Machine error.

Operator: Select option 3; then rerun the job. If the error recurs, notify your IBM customer engineer.

Note: This message was issued by the build utility (\$BUILD), which the BUILD procedure might have evoked. \$BUILD was unable to write information on the disk.

SCP-4352 CHANGE FROM PRE-PRINTED TO STANDARD FORM

Cause: Informational message.

Operator: Load the standard form; then select option 0 to continue.

SCP-4353 SYSTEM I/O ERROR

Cause: Machine error.

Operator: Select option 3; then rerun the job. If the error recurs, notify your IBM customer engineer.

Note: This message was issued by one of the following :
— The build utility (\$BUILD), which the BUILD procedure might have evoked
— The copy utility (\$COPY), which the COPY procedure might have evoked

A disk error occurred while the system was reading from or writing to the VTOC.

SCP-4400 BATCH WORK STATION MESSAGE MEMBER MISSING

Cause: Programming error.

Operator: Select option 0 to continue. All further work station messages will contain MIC information only. Otherwise, select option 2 to cancel the job.

Note: This message is issued by \$BWSUD or \$BWSUR. The user message member (\$BWMSG1) is missing from the library.

SCP-4401 CONFIG STATEMENT MISSING

Cause: Operating or programming error.

Operator: The required .. CONFIG utility control statement was not entered. Select option 1 and enter the .. CONFIG utility control statement from the keyboard. Initialization will then continue with the next utility control statement. Otherwise, select option 3 to cancel the job.

SCP-4402 CONTROL STMT ERROR DURING INITIALIZATION

Cause: Operating or programming error.

Operator: The utility control statement is in error. Select option 1 and enter the corrected statement. Otherwise, select option 2 to cancel the session.

SCP-4403 EXPECTED HOST LOGON COMMAND MISSING

Cause: Operating or programming error.

Operator: Select option 1, enter a host sign-on command from the keyboard, and reenter the .. GO utility control statement. Otherwise, select option 3 to cancel the job.

Note: The .. CONFIG utility control statement specified LOGON-Y, but no host sign-on command was read before the .. GO utility control statement.

SCP-4404 NOTIFY PROGRAMMER OR IBM REP

Cause: Communications equipment error.

Operator: Select option 2.

Note: If this message is not followed by message 3405, the error is probably a host subsystem programming error.

SCP-4405 ..' MISSING ON A CONTINUATION

Cause: Operating or programming error.

Operator: Select option 1 and reenter the statement from the keyboard. Initialization will continue with the next utility control statement. Otherwise, select option 2 or 3 to cancel the job.

Note: The .. was omitted from a continuation line of a utility control statement.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

**SCP-4406 EXPECTED HOST LOGON
COMMAND MISSING**

Cause: Operating or programming error.

Operator: Select option 1 and enter a host sign-on command from the keyboard.

Note: The .. GO utility control statement was read before the sign-on command.

**SCP-4407 BAD RETRY AFTER A STMT
ERROR**

Cause: Informational message.

Operator: An attempt was made to reenter a utility control statement, but an error was made. This message is followed by message 4408.

**SCP-4408 RE-ENTER OR NULLIFY
STATEMENT**

Cause: Operating or programming error.

Operator: The message on the previous line of the display screen identifies an error.

If <-- RD1 READY follows this message, reenter the statement to correct the error or press ENTER to nullify the statement.

If <-- RD1 READY does not follow message 4408, the statement in error is nullified.

SCP-4409 INVALID STATEMENT IGNORED

Cause: Informational message.

Operator: No operator action required.

Note: An .. EOF utility control statement was entered at the wrong time (not under reader control). The statement was not processed.

**SCP-4410 XXXXXXXX FILE/MEMBER NOT
FOUND**

Cause: Informational message.

Operator: An incorrect .. READFILE utility control statement has been entered or one of the following parameters in the .. CONFIG utility control statement is incorrect: RD1NAME, RD1TYPE, or RD1DATE.

This message is followed by message 4408.

Note: XXXXXXXX is the name of a disk file, source member, or procedure member that was specified in the previous .. CONFIG or .. READFILE utility control statement. This disk file, source member, or procedure member cannot be found.

**SCP-4411 INVALID CMD FILE RECORD
LENGTH**

Cause: Informational message.

Operator: A previous .. READFILE or .. CONFIG utility control statement specified a command file to be read. The specified command file has an invalid record length. (Command files must have a record length of 80 bytes.) To correct the error, enter a .. READFILE utility control statement with the correct filename and parameter values.

This message is followed by message 4408.

SCP-4412 'NAME-# LIBRARY' INVALID

Cause: Operating or programming error.

Operator: A utility control statement is incorrect. If this message appears during initialization, reenter the .. CONFIG utility control statement. Otherwise, reenter the .. READFILE utility control statement.

This message is followed by message 4408.

Note: #LIBRARY was specified as the RD1NAME parameter in a .. CONFIG utility control statement or the NAME parameter in a .. READFILE utility control statement. #LIBRARY is the name given the file containing the system library and cannot be specified as an input file.

SCP-4413 .. MUST BE FIRST CHARACTERS

Cause: Informational message.

Operator: A utility control statement is incorrect. This message is followed by message 4408.

Note: A statement was processed that should have been a utility control statement but did not start with '..'. To correct the error, enter the proper statement from the keyboard.

SCP-4414 WRITFILE ALREADY EXISTS

Cause: Informational message.

Operator: An incorrect .. WRITFILE utility control statement has been entered. This message is followed by message 4408.

Note: The name specified for the output file is the name of an existing file. The name should be for a new file.

SCP-4415 INVALID RECORDS VALUE

Cause: Operating or programming error.

Operator: An incorrect .. WRITFILE utility control statement has been entered.

This message is followed by message 4408.

Note: The RECORDS keyword parameter contains a nonnumeric character or has a value of zero.

SCP-4416 CONTINUATION NOT ALLOWED

Cause: Informational message.

Operator: A continuation of a utility control statement was entered after initialization time. To correct the error, enter the complete statement without a continuation.

This message is followed by message 4408.

Note: Continuations are not allowed except on .. CONFIG utility control statements.

SCP-4418 READER ALREADY ACTIVE

Cause: Operating or programming error.

Operator: A .. READFILE utility control statement or the RD1-K parameter of the .. MODIFY utility control statement can only be entered from the keyboard when the reader is inactive. Wait for message 4420 and then enter the appropriate utility control statement.

Note: The .. READFILE utility control statement or the RD1-K parameter of the .. MODIFY utility control statement is ignored and normal work station processing continues.

SCP-4419 READER ACTIVATED

Cause: Informational message.

Operator: The reader is activated.

Note: The reader has been activated by one of the following:

- The RD1NAME parameter in a .. CONFIG utility control statement.
- The .. READFILE utility control statement.
- The RD1-K parameter in a .. MODIFY utility control statement.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-4420 READER DEACTIVATED

Cause: Informational message.

Operator: The reader is deactivated.

Note: An .. EOF or EODS utility control statement was entered from the reader. To reactivate the reader, press the INQ key on the keyboard and enter a .. MODIFY or .. READFILE utility control statement.

SCP-4421 READY TO RECEIVE PRINT OUTPUT

Cause: Informational message.

Operator: The work station is ready to receive output.

SCP-4422 PRINTER HALTED

Cause: Informational message.

Operator: The PR1-H parameter of a .. MODIFY utility control statement has halted the printer.

Note: If the reader function is assigned for input after the printer is halted, the printer must be restarted before the reader function is active. Use the .. MODIFY utility control statement with the PR1-R parameter to restart the printer.

SCP-4423 PRINTER RESTARTED

Cause: Informational message.

Operator: The PR1-R parameter of the .. MODIFY utility control statement has restarted the printer.

SCP-4424 'PR1-H' INVALID WHEN DEVICE = DISK

Cause: Operating or programming error.

Operator: An invalid parameter was detected for the .. MODIFY utility control statement. Normal work station processing continues.

Note: A .. MODIFY utility control statement has attempted to halt the printer when print output has previously been directed to disk. Only the PR1-H parameter of the .. MODIFY utility control statement has been ignored. (PR1-H is valid only when print output is directed to the printer device.)

SCP-4425 'PR1-H' INVALID IF PR1 INACTIVE

Cause: Operator or programmer error.

Operator: An invalid parameter was detected for the .. MODIFY utility control statement. Normal work station processing continues.

Note: A .. MODIFY utility control statement attempted to halt the printer when the printer was inactive. Only the PR1 parameter of the .. MODIFY utility control statement is ignored.

SCP-4426 'PR1-R' INVALID

Cause: Operating or programming error.

Operator: An invalid parameter was detected for the .. MODIFY utility control statement. Normal work station processing continues.

Note: A .. MODIFY utility control statement attempted to restart the printer when the printer was inactive. Only the PR1-R parameter of the .. MODIFY utility control statement is ignored.

SCP-4428 SIGNAL HAS BEEN RECEIVED

Cause: Informational message.

Operator: The System/32 CICS/IMS Batch Workstation has just sent an *end-of-data-set* FM header with change direction. The host system should not, in this instance, return with a signal and the workstation posts a permanent error.

Note: Message 4404 *Notify programmer or IBM rep* follows this message.

SCP-4429 CHANGE DIRECTION HAS BEEN RECEIVED

Cause: Informational message.

Operator: The host system has sent a *change of direction* to the System/32 while the host system is in the middle of transmitting a data set.

Note: Message 4404 *Notify programmer or IBM rep* follows this message.

SCP-4430 READY TO RECEIVE PUNCH OUTPUT

Cause: Informational message.

Operator: The PU1-D parameter of the .. MODIFY utility control statement or the PU1-D parameter of the .. CONFIG utility control statement was processed.

The work station is ready to receive punch output.

Note: All punch output from the host system is put on disk.

SCP-4431 'PU1-N' INVALID

Cause: Operating or programming error.

Operator: An invalid parameter was detected for the .. MODIFY utility control statement. Normal work station processing continues.

Note: A .. MODIFY utility control statement attempted to prevent the receipt of punch output. This is incorrect at this time because punch output is already being received.

SCP-4432 SHUTDOWN COMPLETE HAS BEEN SENT

Cause: Informational message.

Operator: Request shutdown has been sent by the host system to the System/32. The System/32 responds with *shutdown complete* after sending the remainder of this file.

SCP-4436 CHAN VALUE EXCEEDS BOTTOM MARGIN

Cause: Operating or programming error.

Operator: If you are running a procedure for initialization, this message indicates a programming error. If you are entering utility control statements from the keyboard, the .. CARRIAGE utility control statement is incorrect. Select option 1 and reenter the statement. The keyboard initialization will continue with the next statement. Otherwise, select option 2 or 3.

Note: A carriage channel parameter in a .. CARRIAGE utility control statement exceeds the specified bottom margin value.

The bottom margin value defaults to the line value if the bottom margin is not entered.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-4437 CHAN VALUE EXCEEDS BOTTOM MARGIN

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. If you are entering utility control statements from the keyboard, the .. CARRIAGE utility control statement is incorrect.

This message is followed by message 4408.

Note: A carriage channel parameter in a .. CARRIAGE utility control statement exceeds the specified bottom margin value.

The bottom margin value defaults to the line value if the bottom margin is not entered.

SCP-4438 LINE VALUE EXCEEDS MAXIMUM

Cause: Operating or programming error.

Operator: If you are running a procedure for initialization, this message indicates a programming error. If you are entering utility control statements for initialization from the keyboard, the .. CARRIAGE utility control statement is incorrect. Select option 1 and reenter the statement. The keyboard initialization will continue with the next statement. Otherwise, select option 2 or 3.

Note: The line value (L) in a .. CARRIAGE utility control statement exceeds the maximum allowed. See the *IBM System/32 System Programming Reference Manual*, GC21-7593.

SCP-4439 LINE VALUE EXCEEDS MAXIMUM

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. If you are entering utility control statements from the keyboard, the .. CARRIAGE utility control statement is incorrect.

This message is followed by message 4408.

Note: The line value (L) in a .. CARRIAGE utility control statement exceeds the maximum allowed. See the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-4440 BOTTOM MARGIN IS OUT OF RANGE

Cause: Operating or programming error.

Operator: The .. CARRIAGE utility control statement contains an invalid value for the keyword B (bottom margin). Select option 1 and reenter the .. CARRIAGE utility control statement with the correct value for B. For further information about the .. CARRIAGE utility control statement, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

Note: The invalid value resulted from an invalid .. CARRIAGE utility control statement being entered from the keyboard. The bottom margin value cannot be less than the value for channel 1 nor greater than line value.

SCP-4441 BOTTOM MARGIN IS OUT OF RANGE

Cause: Operating or programming error.

Operator: The .. CARRIAGE utility control statement contains an invalid value for the keyword B (bottom margin). Reenter the .. CARRIAGE utility control statement with the correct value for B. For further information about the .. CARRIAGE utility control statement, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

This message is followed by message 4408.

Note: The invalid value resulted from the host system sending the System/32 an invalid table. The bottom margin value cannot be less than the value for channel 1 nor greater than line value.

SCP-4450 INSUFFICIENT SPACE FOR WRITFILE

Cause: Operating or programming error.

Operator: Enter a .. END utility control statement to end the batch work station session or a .. WRITFILE utility control statement to have the data printed.

Note: An attempt was made to allocate a new file on disk, but there is no space available.

SCP-4451 VTOC FULL (NO MORE OUTPUT FILES)

Cause: Operating or programming error.

Operator: Select option 1, if available, to redirect the print output to the printer. Otherwise, select option 2 or 3 to cancel the job.

Note: An attempt was made to allocate a new file on disk, but the sum of the new files for this job plus the existing files exceeds the maximum number of files allowed.

You can make space available on the disk for the new file by ending the batch work station program and then doing the following:

1. Use the SAVE procedure to save copies of files you are going to delete.
2. Use the DELETE procedure to delete files.
3. Use the COMPRESS procedure to place all unused space in one continuous area on disk.

You can use the CATALOG procedure to display the contents of the disk VTOC. For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-4452 NO SPACE LEFT ON DISK FOR OUTPUT FILE

Cause: Operating or programming error.

Operator: Select option 1, if available, to redirect the print output to the printer. Otherwise, select option 2 or 3.

Note: An attempt was made to allocate a new file on disk, but there is not enough space available on the disk for the entire file. To determine the name of the file being created, scroll the history file for the last occurrence of message 4458.

You can make space available on the disk for the new file by ending the batch work station program and then doing the following:

1. Use the SAVE procedure to save copies of files you are going to delete.
2. Use the DELETE procedure to delete files.
3. Use the COMPRESS procedure to place all unused space in one continuous area on disk.

You can use the CATALOG procedure to display the contents of the disk VTOC. For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-4453 SELECT PRINT FILE DISPOSITION

Cause: Disk, operating, or programming error.

Operator: The previous error message on the display screen identifies a disk error that was encountered while writing a print output file to the disk. Select option 0 to:

- Close the print output file named in the previous error message.
- Save all data written to the print output file named in the previous error message.

If option 1 is allowed, it will not save the contents of the print output file named in the previous error message.

SCP-4454 SELECT PUNCH FILE DISPOSITION

Cause: Disk, operating, or programming error.

Operator: The previous error message on the display screen identifies a disk error that was encountered while writing a punch output file. Select option 0 to:

- Close the punch output file named in the previous error message.
- Save all data written to the punch output file named in the previous error message.

If option 1 is allowed, it will not save the contents of the punch output file named in the previous error message.

SCP-4455 PRINTER ACTIVATED

Cause: Informational message.

Operator: Data that is now received from the host system is printed on the printer.

SCP-4456 PRINTER DEACTIVATED

Cause: Informational message.

Operator: The printer data set is complete.

SCP-4457 SELECT PRINT FILE DISPOSITION

Cause: Disk, operating, or programming error.

Operator: The previous error message on the display screen identifies a disk error that was encountered while writing a print output file. Select option 1 to:

- Close the print output file named in the previous error message.
- Save all data written to the print output file named in the previous error message.

Select option 2 to terminate the batch work station.

SCP-4458 XXXXXXXX FILE BEING CREATED

Cause: Informational message.

Operator: A disk file named XXXXXXXX is being created to receive print or punch output.

SCP-4459 XXXX BLOCKS IN LARGEST FREE AREA

Cause: Informational message.

Operator: This message follows message 4467. It indicates XXXX blocks remain in the largest free area on disk. The next print or punch file will be written in this area.

SCP-4460 XXXXXXXX CMD FILE/MEMBER RESUMED

Cause: Informational message.

Operator: The reader was processing a command file named XXXXXXXX. Then the work station utility program processed a .. READFILE utility control statement. Now the reader has resumed processing the command file named XXXXXXXX.

SCP-4462 XXXXXXXX FILE NOT CREATED

Cause: Informational message.

Operator: Either no data was written to the file and the system automatically deleted it, or the operator specified that the file be deleted.

SCP-4463 XXXXXXXX FILE NOT COMPLETED

Cause: Informational message.

Operator: A printer or punch file was being created and the operator entered a .. CANCEL PR1 or .. CANCEL PU1. The function abnormally terminated without completing the file.

SCP-4464 XXXXXXXX FILE CREATION SUSPENDED

Cause: Informational message.

Operator: The creation of a disk file named XXXXXXXX was suspended to allow the work station utility to perform some other activity, such as receiving a message from or sending data to the host system.

When the creation of the disk file XXXXXXXX is resumed, message 4465 will be displayed.

SCP-4465 XXXXXXXX FILE CREATION RESUMED

Cause: Informational message.

Operator: The creation of a file named XXXXXXXX has resumed, after being suspended to allow the work station to perform some other activity.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

**SCP-4466 XXXXXXXX FILE/MEMBER
END-OF-FILE**

Cause: Informational message.

Operator: The disk file or library member named XXXXXXXX has been processed by the work station utility and END-OF-FILE has been read. Normal work station processing continues.

**SCP-4467 XXXXXXXX FILE CREATION
COMPLETED**

Cause: Informational message.

Operator: The creation of disk file named XXXXXXXX has been completed.

**SCP-4468 XXXXXXXX FILE END-OF-EXTENT
ERR**

Cause: Informational message.

Operator: This message will be followed by either message 4453 or 4454.

Note: The work station utility has allocated the largest available continuous disk space to receive print and punch output. This space has been used by the file named XXXXXXXX and is insufficient to contain all the output data for this file.

**SCP-4470 XXXXXX FILE END-OF-EXTENT
ERROR**

Cause: Informational message.

Operator: This message will be followed by message 4457.

Note: The work station utility has allocated the largest available continuous disk space to receive print and punch output. This space has been used by a file named XXXXXX and is insufficient to contain all the output data for this file.

**SCP-4471 DATA RECEIVED – WRITFILE
REQUIRED**

Cause: Operating or programming error.

Operator: Enter a .. WRITFILE utility control statement.

Note: This message is issued following work station initialization if data is received from the host before a utility control statement is entered.

**SCP-4472 BWS SESSION ERROR – REQUEST
TERMINATED**

Cause: Operating or programming error.

Operator: Data was received from the host system while the System/32 was sending or preparing to send data. If you wish to receive the data, select option 1 to bypass the current .. READFILE utility control statement. You may then use the INQUIRY key to enter a .. MODIFY RD1-K and then enter a .. WRITFILE utility control statement. Select option 2 for a controlled cancel of the session.

SCP-4474 OUTPUT TERMINATED BY HOST

Cause: Informational message.

Operator: Output from the host system is terminated by the host system. The printer/punch function will terminate abnormally.

SCP-4475 SELECT PRINT FUNCTION DISPOSITION

Cause: Disk, operating, or programming error.

Operator: This message is preceded by other messages describing an error encountered while writing a print output file to disk. Select option 0 to continue writing output to the same device. Select option 1 to cause the print output to be directed to the alternate device. Select option 2 to terminate the print function.

SCP-4476 SELECT PUNCH FUNCTION DISPOSITION

Cause: Disk, operating, or programming error.

Operator: This message is preceded by other messages describing an error encountered while writing a punch output file to disk. Select option 0 to continue writing punch output to disk. Select option 2 to terminate punch output.

SCP-4477 MESSAGE REJECTED-RESTART PRINTER

Cause: Operating error.

Operator: The data on the previous line of the screen is discarded. Before attempting to send any data to the host system, the printer must be restarted using .. MODIFY PR1-R utility control statement.

SCP-4478 MESSAGE REJECTED-WS TERMINATING

Cause: Informational message.

Operator: An .. END utility control statement has been entered and the work station utility is now terminating. No host system messages are allowed after the .. END utility control statement has been processed.

SCP-4479 XXXXXXXX NEGATIVE RSP RECEIVED

Cause: Operating or programming error.

Operator: An SNA (systems network architecture) error has occurred. 0824XXXX or 0825XXXX is the SNA condition (completion) code received with a negative response. SNA codes and their explanations for message 4479 are as follows:

- 0824XXXX — The host function has abnormally terminated.
- 0825XXXX — The host function is inactive or is not available. The problem may be resolved by entering the appropriate host system command to restart the function (reader, printer, or punch). Enter the appropriate restart command for that function.

For all other SNA codes issued for this message, the batch work station will attempt to maintain communications by taking the appropriate action. For condition codes other than 0824 and 0825 this message indicates an abnormal condition; call your IBM customer engineer.

SCP-4480 TAB/CHANNEL TABLE RECEIVED

Cause: Informational message.

Operator: The host system has supplied vertical tabs or channel settings for the printer. To change these settings see the .. CARRIAGE utility control statement in the *IBM System/32 Control Programming Reference Manual*, GC21-7593.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-4486 OBJECT (O) MODULE NOT FOUND

Cause: Operating or programming error.

Operator: An object module for the work station utility is missing from the library. The name of the missing module is displayed on the previous line. Select option 2 or 3 to cancel the job and notify your programmer or IBM customer engineer for assistance.

SCP-4487 INPUT HARDWARE ERROR

Cause: Machine error.

Operator: A permanent error has occurred on the input device during initialization. Select option 2 or 3 to cancel the job. If the condition persists notify your IBM customer engineer.

SCP-4488 INVALID SYSTEM INPUT

Cause: Operating or programming error.

Operator: Select option 1 and either reenter or nullify the command.

Note: A /* was encountered during initialization, or a record that does not begin with .. was entered when LOGON-Y was not specified on the CONFIG command.

SCP-4489 INSUFFICIENT MAIN STORAGE FOR EXECUTION

Cause: Operating or programming error.

Operator: There is insufficient main storage to execute the batch work station utility program.

Note: The batch work station utility requires a minimum of 24K of main storage.

SCP-4491 COMMUNICATION TERMINATED NORMAL

Cause: Informational message.

Operator: An .. END utility control statement or a host system sign-off command has been processed and communication between the System/32 and the host system has terminated normally.

SCP-4492 XX = SNA CONDITION CODE

Cause: Informational message.

Operator: XX is the SNA (system network architecture) condition (completion) code and identifies an unrecoverable error condition.

- 41 – A permanent SDLC error has occurred.
- 50 – SNA code 50 might indicate one of the following error conditions:

- The secondary logical unit name (BWSNAME parameter in the .. CONFIG utility control statement) is incorrect. Check with the host system operator to determine the correct secondary logical unit name.
- The System/32 SDLC station ID might be incorrect. Check with the host system operator to determine the correct value for the System/32 SDLC station ID. Then use the SPECIFY command statement to correct the ID. For additional information about the SPECIFY command see the *IBM System/32 Data Communications Reference Manual*, GC21-7691.
- Certain parameters for the host sign-on command require unique values and are used to identify this terminal. Another terminal might already be signed on using the same values for some of the parameters that require unique values. Check with the host system operator to obtain unique values for parameters requiring unique values.
- Another possible cause of the error is that an invalid host sign-on command was entered. For example, a parameter was misspelled.

For a more complete list of completion codes, see the *IBM System/32 Data Areas and Diagnostic Aids*, SY21-0532.

If you are unable to continue normal processing, call your IBM customer engineer.

-
- Option 0:** Continue the job. The OCL statement in error is ignored.
Option 1: Retry the operation and continue the job.
Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.
Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-4493 CONSOLE TERMINATED ABNORMALLY

Cause: Informational message.

Operator: The work station utility console function has abnormally terminated. This will be followed by an abnormal termination of the work station itself.

SCP-4494 INTERACTIVE MODE NOT SUPPORTED

Cause: Host application program error.

Operator: This message is followed by message 4496.

Note: Immediately after a console data stream was received from the host a change direction was received from the host implying interactive mode, which the System/32 CICS/IMS work station utility does not support. Call your IBM customer engineer.

SCP-4495 WORK STATION TERMINATING NORMAL

Cause: Informational message.

Operator: An .. END utility control statement or a host system sign-off command has been processed and the work station utility is normally terminated.

SCP-4496 WORK STATION TERMINATING ABNORM

Cause: Informational message.

Operator: An unrecoverable SNA error has occurred, or a .. CANCEL utility control statement was processed, or a 3 option to a message was selected. The work station utility is abnormally terminated.

SCP-4497 RD1 TERMINATED ABNORMALLY

Cause: Informational message.

Operator: The work station utility RD1 (reader) function has abnormally terminated. A .. READFILE or a .. MODIFY utility control statement can be entered to restart the reader.

SCP-4498 PR1 TERMINATED ABNORMALLY

Cause: Informational message.

Operator: The work station utility PR1 (printer) function has abnormally terminated. Determine the cause of the termination. If the problem can be corrected, additional print output can be received during this session.

To restart the printer and receive additional print output from the host system, enter a .. MODIFY PR1 - {P} {D} utility control statement. Then enter the appropriate host system restart command

SCP-4499 PU1 TERMINATED ABNORMALLY

Cause: Informational message.

Operator: The work station utility PU1 (punch) function has abnormally terminated. Determine the cause of the termination. If the problem can be corrected, additional punch output can be received during this session.

To restart the punch function and receive additional punch output from the host system, enter a .. MODIFY PU1-D utility control statement. Then enter the appropriate host system restart command.

SCP-4500 COMMUNICATIONS ESTABLISHED

Cause: Informational message.

Operator: Information can now be sent to and received from the host system.

SCP-4501 TOO FEW BSCA BUFFERS AVAILABLE

Cause: Operating or programming error.

Operator: Not enough main storage is available for the required BSCA buffers. The MRJE/WS utility session automatically terminates.

Note: The following actions might make enough space available for the BSCA buffers:

- If full compression was specified but not required, specify truncation of trailing blanks only (COM-T) on the .. CONFIG utility control statement.
- If the punch task was specified but not required, do not specify the punch task (PU1-N or PU1 not specified) on the .. CONFIG utility control statement.

If these actions do not make enough space available, the MRJE/WS utility cannot communicate with the host system using the currently defined buffer size.

SCP-4502 COMMUNICATIONS TERM'D ABNORMALLY

Cause: Informational message.

Operator: Communications with the host system terminated abnormally because a 2 option was selected in response to a BSC error message or because an uncorrectable I/O error occurred.

SCP-4503 READER TASK ACTIVATED

Cause: Informational message.

Operator: Information can now be read by the reader task.

SCP-4504 READER TASK DEACTIVATED

Cause: Informational message.

Operator: The reader task was deactivated because:

- A .. EOF or .. END DELAY-xx (where xx is not zero) was entered from the keyboard.
- The end of a command file was reached.
- A .. CANCEL RD1 control statement was entered through the console input task.

SCP-4505 READER TASK ENDED

Cause: Informational message.

Operator: This message is issued during normal termination of the reader task if the reader task was active when the .. END DELAY-O control statement was read. No more information is read by the reader task.

SCP-4506 I/O ERROR ON READER TASK

Cause: Informational message.

Operator: The MRJE/WS utility stopped processing the information being read from the disk or entered from the keyboard because an I/O error occurred. Cancel the current reader input on the host system by pressing the INQ key and entering the appropriate host system command before continuing. See the appropriate host system operator's guide for information on how to cancel the current reader input.

If automatic operation was specified in the .. CONFIG utility control statement, the communications with the host system terminates abnormally.

Note: If this message appears while the reader task is reading from the disk, run the BUILD procedure after the session terminates. For more information about the BUILD procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-4507 PRINT TASK ACTIVATED

Cause: Informational message.

Operator: The MRJE/WS utility can now process printer output from the host system.

SCP-4508 PRINT TASK HALTED

Cause: Informational message.

Operator: The MRJE/WS utility print task halted because PR1-H was specified on a .. MODIFY utility control statement.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-4509 PRINT TASK ENDED

Cause: Informational message.

Operator: This message is issued during normal termination of the MRJE/WS utility. No more printer output from the host system is processed.

SCP-4510 PRINT TASK DEACTIVATED

Cause: Informational message.

Operator: The MRJE/WS utility stopped processing printer output from the host system because option 1 or 2 was selected in response to an I/O error message or because an end-of-extent condition occurred.

If the output from the host system is being printed when this message is issued, no more printer output is processed until the print task is reactivated (see following *Note*).

The session can terminate normally only if (1) the transmission of the current output is completed; (2) the current output is held at the host system for later transmission; or (3) the current output is canceled at the host system.

Note: If the output is being printed, you can reactivate the print task and restart the current printer output by doing the following:

- Press the INQ key; then enter the host system command that restarts the current output. (See the appropriate host system operator's guide for information on how to restart the current output.)
- Enter a . . . MODIFY utility control statement with the PR1 parameter specifying P or D.

SCP-4511 PUNCH TASK ACTIVATED

Cause: Informational message.

Operator: Punch output from the host system can now be written on the disk.

SCP-4512 PUNCH TASK ENDED

Cause: Informational message.

Operator: This message is issued when the MRJE/WS utility is terminating or when PU1-N is specified in a . . . MODIFY utility control statement. When the message appears during termination, it indicates that no more punch output from the host system is processed. When the message appears as the result of a . . . MODIFY statement, it indicates that no more punch output from the host system can be processed until the punch task is reactivated.

SCP-4513 PUNCH TASK DEACTIVATED

Cause: Informational message.

Operator: The MRJE/WS utility stopped processing punch output from the host system because option 1 or 2 was selected in response to an I/O error message or because an end-of-extent condition occurred.

The session can terminate normally only if (1) the transmission of the current output is completed, (2) the current output is held at the host system for later transmission, or (3) the current output is canceled at the host system.

SCP-4514 CONSOLE-IN TASK DEACTIVATED

Cause: Informational message.

Operator: The MRJE/WS utility stopped processing information entered from the console input task because a keyboard I/O error occurred. The MRJE/WS session terminates abnormally.

If keyboard I/O errors occur frequently, notify your IBM customer engineer.

SCP-4515 LOGGING TO DISPLAY SCREEN

Cause: Informational message.

Operator: Messages issued by the MRJE/WS utility are displayed on the display screen and recorded in the system history file.

SCP-4516 LOGGING TO DISPLAY SCREEN/PTR

Cause: Informational message.

Operator: Messages issued by the MRJE/WS utility are displayed on the display screen, printed on the printer, and recorded in the system history file.

SCP-4517 MRJE/WS TERMINATING NORMALLY

Cause: Informational message.

Operator: The MRJE/WS utility session is terminating normally.

SCP-4518 MRJE/WS TERMINATING ABNORMALLY

Cause: Informational message.

Operator: The MRJE/WS utility is terminating abnormally for one of the following reasons:

- A . . . CANCEL utility control statement was entered from the keyboard.
- An error prevents MRJE/WS utility processing.

Previous messages identify any errors that preceded the abnormal termination.

SCP-4519 PRINTER I/O ERROR

Cause: Machine error.

Operator: A printer I/O error occurred during automatic operation. No more information is printed.

Note: The print output device is automatically switched to the disk. The data stream diverted to the disk will start and continue from the point where printer I/O error occurred.

Print task will be deactivated automatically if printer I/O error occurred in the following two cases.

1. No // FILE OCL statement for the corresponding file (TDISKPR1 or PDISKPR1) specified.
2. The corresponding TDISKPR1/PDISKPR1 file is full.

SCP-4520 Filename FILE BEING READ

Cause: Informational message.

Operator: Information is being read from the named file.

SCP-4521 Filename FILE EOF READ

Cause: Informational message.

Operator: All information in the named file was read and processed.

SCP-4522 Filename FILE BEING CREATED

Cause: Informational message.

Operator: Print or punch information from the host system is being written to the named file.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-4523 Filename FILE CREATION
COMPLETED

Cause: Informational message.

Operator: Creation of the named file is complete.

SCP-4524 Filename END-OF-EXTENT ERROR

Cause: Operating or programming error.

Operator: The MRJE/WS utility is writing output from the host system into a file on disk, but the file is not large enough to contain all of the output. Message 4587 or 4588 follows this message.

SCP-4525 Filename PERM I/O ERROR –
PTR/PCH

Cause: Disk error.

Operator: The MRJE/WS utility stopped writing the named file because a disk error occurred. Message 4587 or 4588 follows this message.

SCP-4527 {P} {S}- member name MEMBER BEING
READ

Cause: Informational message.

Operator: Information is being read from the named library member.

SCP-4528 {P} {S}- member name MEMBER EOF
READ

Cause: Informational message.

Operator: All information in the named library member was read and processed.

SCP-4529 {P} {S}- member name MBR NOT
FOUND

Cause: Operating or programming error.

Operator: A member name was specified in a .. READFILE or .. CONFIG control statement for the MRJE/WS utility, but the member is not in the library. The entire .. READFILE statement or the RD1NAME parameter in the .. CONFIG statement is ignored.

If the incorrect member name was in a .. CONFIG statement, press the INQ key and then enter a .. READFILE utility control statement specifying the correct library member.

If the incorrect member name was in a .. READFILE statement, you can do one of the following:

- Enter a .. READFILE statement specifying the correct library member.
- Enter any other valid MRJE/WS utility control statement.
- Press ENTER without entering a utility control statement.

SCP-4530 Filename FILE NOT FOUND

Cause: Operating or programming error.

Operator: A file name was specified in a . . . READFILE or . . . CONFIG control statement for the MRJE/WS utility, but the file is not on the disk. The entire . . . READFILE statement or the RD1NAME parameter in the . . . CONFIG statement is ignored.

If the incorrect file name was in a . . . CONFIG statement, press the INQ key and then enter a . . . READFILE utility control statement specifying the correct file name.

If the incorrect file name was in a . . . READFILE statement, do one of the following:

- Enter a . . . READFILE statement specifying the correct library member.
- Enter any other valid MRJE/WS utility control statement.
- Press ENTER without entering a utility control statement.

SCP-4531 {P} {S} member name RECORD LENGTH NOT 80

Cause: Operating or programming error.

Operator: A . . . READFILE or . . . CONFIG control statement for the MRJE/WS utility specified that the named library member be processed as a command file, but the length of the records in the member is not 80 bytes.

If the . . . CONFIG statement is incorrect, you can press the INQ key and then enter a . . . READFILE statement that correctly specifies the member name and whether the member should be a command or data file.

If the . . . READFILE statement is incorrect, the entire statement is ignored and you are prompted to enter another utility control statement from the keyboard. Do one of the following:

- Enter a corrected . . . READFILE statement.
- Enter any other MRJE/WS utility control statement.
- Press ENTER without entering a utility control statement. If the . . . READFILE statement was entered under the reader task, the MRJE/WS utility resumes reading from the keyboard or disk, beginning with the statement that follows the . . . READFILE statement.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-4532 Filename RECORD LENGTH NOT 80

Cause: Operating or programming error.

Operator: A . . READFILE or . . CONFIG control statement for the MRJE/WS utility specified that the named file be processed as a command file, but the length of the records in the file is not 80 bytes.

If the . . CONFIG statement is incorrect, you can press the INQ key and then enter a . . READFILE statement that correctly specifies the file name and whether the file should be a command or data file.

If the . . READFILE statement is incorrect, the entire statement is ignored and you are prompted to enter another utility control statement from the keyboard. Do one of the following:

- Enter a corrected . . READFILE statement.
- Enter any other MRJE/WS utility control statement.
- Press ENTER without entering a utility control statement.

The MRJE/WS utility resumes reading from the keyboard or disk, beginning with the statement that follows the . . READFILE statement.

SCP-4534 DISK PERM I/O ERROR, WS TERMINATED

Cause: Machine error.

Operator: The MRJE/WS utility is terminating abnormally because a disk error occurred. The error occurred during the reading of information from a file or a library member, or during the writing of output from the host system into a disk file.

SCP-4535 BSCA BLOCK SEQ CHECK ee/rr

Cause: Machine error or communications equipment error.

Operator: A block sequence error, indicating that one or more blocks of information from the host system were lost or duplicated, was detected by the MRJE/WS utility. No operator action is required.

The MRJE/WS utility ignores duplicate transmission blocks and notifies the host system to restart the job if any blocks are lost.

Note: 'ee' indicates the count expected; 'rr' indicates the count received.

SCP-4536 BSCA STARTING/ENDING SEQ ERROR hhhh

Cause: Machine error or communications equipment error.

Operator: Invalid data was received from the host system. No operator action is required. The MRJE/WS utility automatically requests the retransmission of the last block of information sent by the host system.

Note: 'hhhh' is the hexadecimal value of the starting or ending characters in error.

SCP-4537 nnnn.n BLOCKS LEFT IN
 {TDISKPR1}
 {PDISKPR1}
 {PDISKPU1}

Cause: This message indicates the number of unused blocks in the named area on the disk.

SCP-4538 VTOC FULL-FORMS nnnn

Cause: Operating or programming error.

Operator: Information for form number 'nnnn' cannot be written on the disk because the disk VTOC is full. Message 4589 follows this message. The response to message 4589 determines what is done with the output information.

SCP-4539 NO AREA FOR FORMS nnnn

Cause: Operating or programming error.

Operator: The MRJE/WS utility attempted to write printer output into the PDISKPR1 area on disk, but the area does not exist because the // FILE OCL statement for that area is missing. Message 4589 follows this message. The response to message 4589 determines what is done with the printer output.

SCP-4540 INVALID MODIFY STMT PARAM
 xxx

Cause: Operating or programming error.

Operator: The MRJE/WS utility detected an invalid parameter value in a . . . MODIFY utility control statement that was entered from the console input task. The invalid parameter is not processed, but the remaining valid parameters are processed. Message 4590 follows this message.

Note: 'xxx' is the invalid parameter.

-
- Option 0:** Continue the job. The OCL statement in error is ignored.
 - Option 1:** Retry the operation and continue the job.
 - Option 2:** Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.
 - Option 3:** Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
 - Option D:** Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-4541 STARTING REC NUMBER-nnnnnnnn

Cause: Informational message.

Operator: This message indicates the starting position, within the TDISKPR1 file, of the printer output being transmitted by the host system. The starting position value is required if the printer output is printed later by the print utility.

SCP-4542 ENDING REC NUMBER-nnnnnnnn

Cause: Informational message.

Operator: This message indicates the ending position, within the TDISKPR1 file, of the printer output just transmitted by the host system. The ending position value is required if the printer output is printed later by the print utility.

SCP-4543 MOUNT FORMS nnnn ON PRINTER

Cause: Informational message.

Operator: The host system is about to transmit printer output for form number 'nnnn' and the print task is assigned to the printer. Message 4589 follows this message. The response to message 4589 determines what is done with the printer output.

SCP-4544 FORMS MOUNT nnnn SUSPENDED

Cause: Informational message.

Operator: The host system is about to transmit output for form number 'nnnn', but the print task is assigned to the disk. Message 4589 follows this message. The response to message 4589 determines what is done with the printer output.

SCP-4545 NULL OUTPUT STREAM ON Filename

Cause: Possible programming error.

Operator: A printer or punch output transmitted by the host system contained no information. Therefore, no information was written in the named file. The MRJE/WS utility continues processing.

Note: If the output was being written to an individual file, the file is not saved.

SCP-4546 ENTER LOGON/SIGNON COMMAND

Cause: Informational message.

Operator: Enter the host system sign-on command required for this session. For a description of valid sign-on commands, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593, and the appropriate host system operator's guide.

SCP-4548 MODIFY STATEMENT PROCESSED

Cause: Informational message.

Operator: A . . . MODIFY control statement for the MRJE/WS utility was successfully processed. No operator action is required.

SCP-4549 OPERATOR DIAL REQUIRED

Cause: Informational message.

Operator: The connection should now be made with the host system. If you are initiating the call, select option 0 and dial the host system at this time. If the host system is initiating the call, the host system operator should dial your System/32 at this time. After you receive the call, select option 0. Refer to the *IBM System/32 Operator's Guide*, GC21-7591, for information about executing a data communication program over a switched network.

SCP-4550 PRINTER TASK ASSIGNED TO PRINTER

Cause: Possible operating or programming error.

Operator: An attempt was made to simultaneously use the printer for printing output from the host system and for system logging. The printer is used only for printing output from the host system. No operator action is required.

SCP-4551 INVALID SIGNON CMD IN PROCEDURE

Cause: Programming error.

Operator: The host system sign-on command is not present or is incorrect in the procedure being run. Message 4546 follows this message.

SCP-4552 READER ACTIVE-READFILE REJECTED

Cause: Operating error.

Operator: The INQ key was pressed and a . . . READFILE utility control statement entered, but the . . . READFILE statement is invalid at this time because the reader task is active. The . . . READFILE statement is ignored.

SCP-4553 CHANNEL LINE NUMBER TOO LARGE

Cause: Operating or programming error.

Operator: A . . CARRIAGE control statement for the MRJE/WS utility specifies a line number that is greater than the page size. The statement was read from the disk or entered from the keyboard. Message 4591 follows this message.

SCP-4554 FROM VALUE IN SELECT STMT TOO BIG

Cause: Operating or programming error.

Operator: An incorrect // SELECT control statement for the data communication print utility was read from a procedure or entered from the keyboard. The statement is ignored, and the print utility continues processing.

Note: The FROM parameter on a // SELECT control statement specifies a record number larger than the number of records in the file.

SCP-4556 RDR ACTIVE--RDR-K IGNORED

Cause: Operating error.

Operator: The INQ key was pressed, and a . . MODIFY utility control statement specifying the RDR-K parameter was entered; but the RDR-K parameter is invalid at this time because the reader task is active. The RDR-K parameter is ignored, and the rest of the statement is processed.

SCP-4557 PU1 PARAMETER INVALID/IGNORED

Cause: Operating or programming error.

Operator: A . . MODIFY utility control statement specifying the PU1-D or PU1-N parameter entered from the console input task, but the PU1-D or PU1-N parameter is invalid because the punch task was not specified in the . . CONFIG statement for this session.

If punch output is required, restart the MRJE/WS session and specify punch output in the . . CONFIG utility control statement.

SCP-4558 CARRIAGE STATEMENT PROCESSED

Cause: Informational message.

Operator: The . . CARRIAGE control statement for the MRJE/WS utility was successfully processed. No operator action is required.

SCP-4559 ENTER CONFIG STATEMENT

Cause: Informational message.

Operator: Enter the . . CONFIG utility control statement for this session.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-4560 PDISKPR1 FILE NOT ALLOCATED

Cause: Operating or programming error.

Operator: An attempt was made to direct printer output to the PDISKPR1 area, but the PDISKPR1 area does not exist on the disk. The condition exists because the // FILE statement for the PDISKPR1 area was not specified or because there is not enough unused disk space for the PDISKPR1 area. Do one of the following:

- Enter a . . . MODIFY statement directing the special forms output to the TDISKPR1 file on disk or to the printer.
- Enter the host system command to hold the output at the host system for later transmission. For further information, see the appropriate host system operator's guide.
- Terminate the MRJE/WS utility.

If the area was not allocated because of insufficient space on the disk, make more disk space available (see the description of message 4565) or request less space on the // FILE statement for the PDISKPR1 area when rerunning the job.

If the // FILE statement is missing, include a // FILE statement for the PDISKPR1 area when rerunning the job.

SCP-4561 TDISKPR1 FILE NOT ALLOCATED

Cause: Operating or programming error.

Operator: If this message is displayed during initialization of the MRJE/WS utility (before message 4500 is displayed), the disk VTOC is full. Terminate the utility; then delete any unnecessary disk files (see the description of message 4566) before rerunning the job.

If this message is displayed after initialization of the MRJE/WS utility, an attempt was made to direct printer output to the TDISKPR1 file, but the TDISKPR1 file does not exist on the disk. The condition exists because the // FILE statement for the TDISKPR1 file was not specified or because there is not enough unused disk space for the TDISKPR1 file. Do one of the following:

- Enter a . . . MODIFY utility control statement to direct the printer output to the printer.
- Enter the host system command to hold the output at the host system for later transmission. For further information, see the appropriate host system operator's guide.
- Terminate the MRJE/WS utility.

If the file was not allocated because of insufficient space on the disk, make more disk space available (see the description of message 4566) or request less space on the // FILE statement for the TDISKPR1 file when rerunning the job.

If the // FILE statement is missing, include a // FILE statement for the TDISKPR1 file when rerunning the job.

SCP-4562 PDISKPU1 FILE NOT ALLOCATED

Cause: Operating or programming error.

Operator: An attempt was made to direct punch output to the PDISKPU1 area, but the PDISKPU1 area does not exist on the disk. The condition exists because the // FILE statement for the PDISKPU1 area was not specified or because there is not enough unused disk space for the PDISKPU1 area. Do one of the following:

- Enter the host system command to hold the output at the host system for later transmission. For further information, see the appropriate host system operator's guide.
- Terminate the MRJE/WS utility.

If the area was not allocated because of insufficient space on the disk, make more disk space available (see the description of message 4567) or request less space on the // FILE statement for the PDISKPU1 area when rerunning the job.

If the // FILE statement is missing, include a // FILE statement for the PDISKPU1 area when rerunning the job.

SCP-4564 WS TERMINATING, STMT REJECTED

Cause: Operating or programming error.

Operator: An MRJE/WS utility control statement that causes the utility to perform more work was read from disk or entered from the keyboard, but the utility was already terminating. The utility control statement is ignored.

SCP-4565 NOT ENOUGH SPACE FOR PDISKPR1

Cause: Operating or programming error.

Operator: Not enough unused space exists on the disk to contain the PDISKPR1 area. The MRJE/WS utility continues processing, but the PDISKPR1 area cannot be used during this session.

Note: You can make more space available by deleting any unnecessary files and then reorganizing the disk. You can use the SAVE procedure to save copies of the files before deleting them. To delete files, use the DELETE procedure. Use the COMPRESS procedure to reorganize the disk. The COMPRESS procedure places all unused space in one continuous area on the disk. For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-4566 NOT ENOUGH SPACE FOR TDISKPR1

Cause: Operating or programming error.

Operator: Not enough unused space exists on the disk to contain the TDISKPR1 file. The MRJE/WS utility continues processing, but the TDISKPR1 file cannot be used during this session.

Note: You can make more space available by deleting any unnecessary files and then reorganizing the disk. You can use the SAVE procedure to save copies of the files before deleting them. To delete files, use the DELETE procedure. Use the COMPRESS procedure to reorganize the disk. The COMPRESS procedure places all unused space in one continuous area on the disk. For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-4567 NOT ENOUGH SPACE FOR PDISKPU1

Cause: Operating or programming error.

Operator: Not enough unused space exists on the disk to contain the PDISKPU1 area. The MRJE/WS utility continues processing, but the PDISKPU1 area cannot be used during this session.

Note: You can make more space available by deleting any unnecessary files and then reorganizing the disk. You can use the SAVE procedure to save copies of the files before deleting them. To delete files, use the DELETE procedure. Use the COMPRESS procedure to reorganize the disk. The COMPRESS procedure places all unused space in one continuous area on the disk. For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-4568 BSC UPDATE FAILED

Cause: Disk error.

Operator: An I/O error occurred while the MRJE/WS utility was updating the BSC error recording table. The table is not updated. The MRJE/WS utility continues normal processing.

Note: After the session ends, run the BUILD utility. For more information about the BUILD utility, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-4569 MRJE/WS TERMINATION STATISTICS

Cause: Informational message.

Operator: This message precedes messages that list the run statistics for the current session.

SCP-4570 MRJE/WS INPUT RECORDS READ xxxxxx

Cause: Informational message.

Operator: This message indicates the number of records read by the reader task during the session.

SCP-4571 MRJE/WS OUTPUT RECORDS PRINTED xxxxxx

Cause: Informational message.

Operator: This message indicates the number of records printed plus the number of records written on the disk by the printer task during the session.

SCP-4572 MRJE/WS OUTPUT RECORDS PUNCHED xxxxxx

Cause: Informational message.

Operator: This message indicates the number of records written on the disk by the punch task during the session.

SCP-4573 MRJE/WS TOTAL TRANSMISSIONS xxxxxx

Cause: Informational message.

Operator: This message indicates the number of data blocks sent and received by the BSC task during the session.

SCP-4574 MRJE/WS TIMEOUTS xxxxxx

Cause: Informational message.

Operator: This message indicates the number of time-outs during the session.

SCP-4575 MRJE/WS DATA CHECKS xxxxxx

Cause: Informational message.

Operator: This message indicates the number of data checks detected by the System/32 while receiving from the host system.

SCP-4576 MRJE/WS NEGATIVE RESPONSES xxxxxx

Cause: Informational message.

Operator: This message indicates the number of System/32 transmission errors detected by the host system.

SCP-4580 CONFIG STATEMENT MISSING

Cause: Operating or programming error.

Operator: The .. CONFIG statement was not the first utility control statement read by the MRJE/WS utility. Do one of the following:

- Select option 1 and enter the .. CONFIG utility control statement from the keyboard.
- Select option 2 to cancel the job.

Note: Option 1 is allowed only when the utility control statements are being entered from the keyboard.

SCP-4581 INVALID PARAMETER IN CONFIG STATEMENT

Cause: Operating or programming error.

Operator: A .. CONFIG utility control statement containing an invalid parameter was read from a procedure or entered from the keyboard. Do one of the following:

- Select option 1; then enter the corrected .. CONFIG statement from the keyboard.
- Select option 2 to cancel the job.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-4582 NO CONNECTION: MANUAL DIAL

Cause: Operating error or machine error.

Operator: The line connection with the host system was not established in the required amount of time (within approximately two minutes after message 4549 is replied to). Do one of the following:

- Select option 1; then dial the host system within two minutes.
- Select option 2 to cancel the job.

SCP-4583 COMMUNICATIONS WITH HOST DISCONNECTED

Cause: Operating error or machine error.

Operator: The communications link disconnected. If a sign-on command was just entered, the command might be incorrect. Do one of the following:

- If you are using a nonswitched line, select option 1. An attempt is made to reestablish the connection.
- Select option 2 to cancel the job; then restart the MRJE/WS session using the correct sign-on command. See the appropriate host system operator's guide for a description of the required sign-on command.

Note: If automatic operation was specified in the .. CONFIG utility control statement, option 2 is automatically selected.

SCP-4584 BSCA UNIT CHECK ON ENQ

Cause: Operating error or machine error.

Operator: A machine error occurred on the BSC adapter during an attempt to establish communications with the host system. The error is usually caused by the host system not responding to an ENQ request. Do one of the following:

- Check with the host system operator to ensure that the communication equipment and the host system are ready; then select option 1. Another attempt is made to establish communications with the host system.
- Select option 2 to cancel the job.

Note: If automatic operation was specified in the .. CONFIG utility control statement, option 2 is automatically selected.

SCP-4585 ERROR IN UTILITY CONTROL STATEMENT

Cause: Operating or programming error.

Operator: An incorrect MRJE/WS utility control statement was read from the disk or entered from the keyboard. Do one of the following:

- Select option 0. The statement containing the error is ignored, and normal processing continues.
- Select option 1; then enter the corrected utility control statement.

Note: If automatic operation was specified in the .. CONFIG utility control statement, option 0 is automatically selected.

SCP-4586 ERROR IN READFILE STATEMENT

Cause: Operating or programming error.

Operator: An incorrect .. READFILE control statement for the MRJE/WS utility was read from the disk or entered from the keyboard. Do one of the following:

- Select option 0. The .. READFILE statement is ignored, and normal processing continues.
- Select option 1; then enter the corrected .. READFILE statement.

Note: If automatic operation was specified in the .. CONFIG utility control statement, option 0 is automatically selected.

SCP-4587 PRINT TASK/FILE DISPOSITION

Cause: Informational message.

Operator: While the MRJE/WS utility was writing printer output to the disk, a condition occurred that caused the printer task to be deactivated. Do one of the following:

- Select option 0 to save the portion of the printer file already created and to switch the printer task to the printer for the remainder of the file.
- Select option 1 to save the portion of the printer file already created and to terminate the printer task. The current output is saved at the host system for possible later transmission.
- Select option 2 to delete the portion of the printer file already created. The printer task remains inactive. The current output is saved at the host system for possible later transmission.

CAUTION

If the host system already transmitted the last block of the output, the output is not saved at the host system.

Note: If automatic operation was specified in the .. CONFIG utility control statement, and option 0 is available (disk end-of-extent error), option 0 is automatically selected. If option 0 is not available (disk I/O error), option 1 is automatically selected, and the communication with the host system is terminated abnormally.

SCP-4588 PUNCH TASK/FILE DISPOSITION

Cause: Informational message.

Operator: While the MRJE/WS utility was writing punch output to the disk, a condition occurred that caused the punch task to be deactivated. Do one of the following:

- Select option 1 to save the portion of the punch file already created and terminate the punch task. The remainder of the current output is held at the host system for possible later transmission.
- Select option 2 to delete the portion of the punch file already created. The punch task remains inactive. The remainder of the current output is held at the host system for possible later transmission.

CAUTION

If the host system already transmitted the last block of the output, the output is not saved at the host system.

Note: If automatic operation was specified in the .. CONFIG utility control statement, option 1 is automatically selected, and communication with the host system is terminated abnormally.

SCP-4589 FORMS MOUNT ACTION REQUIRED

Cause: Informational message.

Operator: The host system is about to transmit printer output for special forms. Do one of the following:

- Select option 0 to begin receiving the special forms printer output. If the printer device is the printer, mount the special forms before selecting option 0.
- If the output should not be transmitted at this time, select option 1; then enter a host system command to hold the output at the host system. For a description of host system commands, see the host system operator's guide.

Note: If automatic operation was specified in the .. CONFIG utility control statement, option 0 is automatically selected.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-4590 ERROR IN MODIFY STATEMENT

Cause: Operating or programming error.

Operator: One of the following errors occurred:

- An incorrect . . . MODIFY utility control statement was entered from the console input task.
- An attempt was made to enter a . . . MODIFY statement from the reader task.

Do one of the following:

- Select option 0. The . . . MODIFY statement is ignored, and normal processing continues.
- Select option 1; then enter the corrected . . . MODIFY statement.

Note: If automatic operation was specified in the . . . CONFIG utility control statement, option 0 is automatically selected.

SCP-4591 ERROR IN CARRIAGE STATEMENT

Cause: Operating or programming error.

Operator: An incorrect . . . CARRIAGE control statement for the MRJE/WS utility was read from the disk or entered from the keyboard. Do one of the following:

- Select option 0. The . . . CARRIAGE statement is ignored and normal processing continues.
- Select option 1; then enter the corrected . . . CARRIAGE statement.

Note: If automatic operation was specified in the . . . CONFIG utility control statement, option 0 is automatically selected.

SCP-4592 INVALID EOF STATEMENT

Cause: Operating error.

Operator: The INQ key was pressed and an . . . EOF statement was entered, but the . . . EOF statement is invalid if it is entered after the INQ key is pressed.

Do one of the following:

- Select option 0. The . . . EOF statement is ignored, and normal processing continues.
- Select option 1; then enter a valid utility control statement.

Note: If automatic operation was specified in the . . . CONFIG utility control statement, option 0 is automatically selected.

SCP-4593 . . . MISSING ON CONFIG CONTINUATION

Cause: Operating or programming error.

Operator: The first three characters of a . . . CONFIG utility control statement continuation record were not two periods followed by a blank. The statement containing the error was read from a procedure or entered from the keyboard. Do one of the following:

- Select option 1; then reenter the corrected continuation record from the keyboard.
- Select option 2 to cancel the job.

SCP-4594 ERROR IN SIGNON/LOGON COMMAND

Cause: Operating or programming error.

Operator: An incorrect sign-on command was entered from the keyboard. Do one of the following:

- Select option 1; then enter the corrected sign-on command. For a description of valid sign-on commands, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593, and the appropriate host system operator's guide.
- Select option 2 to cancel the job.

SCP-4595 INVALID PARAMETER IN CANCEL STATEMENT

Cause: Operating or programming error.

Operator: A . . CANCEL utility control statement containing an invalid parameter was entered from the keyboard after the INQ key was pressed. Do one of the following:

- Select option 0. The . . CANCEL statement is ignored, and normal processing continues.
- Select option 1; then enter the corrected . . CANCEL statement.

Note: The valid . . CANCEL statement parameters are RD1, PR1, and PU1. PR1 and PU1 are invalid if the host system is RSCS. PU1 is invalid if the punch task was not specified on the . . CONFIG utility control statement.

If automatic operation was specified in the . . CONFIG utility control statement, option 0 is automatically selected.

SCP-4596 NO CONNECTION--NON-SWITCHED LINE

Cause: Machine error or communication equipment error.

Operator: The line connection with the host system is not complete. Do one of the following:

- Check the line connections; then select option 1. Another attempt is made to establish communications with the host system.
- Select option 2 to cancel the job.

Note: If automatic operation was specified in the . . CONFIG utility control statement, option 2 is automatically selected.

SCP-4597 INVALID CANCEL STATEMENT

Cause: Operating or programming error.

Operator: A . . CANCEL control statement for the MRJE/WS utility was read from the disk or was entered from the keyboard without the INQ key being pressed. The . . CANCEL statement can not be read from the disk and can only be entered from the keyboard after the INQ key is pressed. Do one of the following:

- Select option 0. The . . CANCEL statement is ignored, and normal processing continues. After selecting option 0, you can press the INQ key and enter the . . CANCEL statement if you still want to cancel the job.
- Select option 1; then enter a valid utility control statement.

Note: If automatic operation was specified in the . . CONFIG utility control statement, option 0 is automatically selected.

SCP-4599 CHANNEL VALUE TOO LARGE

Cause: Operating or programming error.

Operator: An incorrect // CARRIAGE control statement for the data communication print utility was read from a procedure or entered from the keyboard. Do one of the following:

- Select option 1; then enter the corrected // CARRIAGE statement.
- Select option 2 to cancel the job.

Note: A channel control character was equated to a line number that is larger than the number of lines per page.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-4600 COPYFILE FILE NOT FOUND ON DISK

Cause: Operating or programming error.

Operator: A file name was specified in the // COPYFILE control statement for the data communication print utility, but the file is not on the disk. Do one of the following:

- Select option 1; then enter the corrected // COPYFILE statement.
- Select option 2 to cancel the job.

SCP-4601 FROM/TO ERROR ON SELECT STATEMENT

Cause: Operating or programming error.

Operator: An incorrect // SELECT control statement for the data communication print utility was read from a procedure or entered from the keyboard. Do one of the following:

- Select option 1; then enter the corrected // SELECT statement.
- Select option 2 to cancel the job.

Note: The relative record number specified in the FROM parameter in the // SELECT statement is larger than the relative record number specified in the TO-parameter.

SCP-4602 INVALID CONTROL STATEMENT

Cause: Operating or programming error.

Operator: An invalid control statement for the data communication print utility was read from a procedure or entered from the keyboard. Do one of the following:

- Select option 1; then enter a valid utility control statement.
- Select option 2 to cancel the job.

Note: The only valid print utility control statements are:

```
// COPYFILE  
// SELECT  
// CARRIAGE  
// GO  
// END
```

SCP-4603 INVALID KEYWORD

Cause: Operating or programming error.

Operator: A utility control statement for the data communication print utility contains an invalid keyword. The statement was read from a procedure or entered from the keyboard. Do one of the following:

- Select option 1; then enter the correct utility control statement.
- Select option 2 to cancel the job.

SCP-4604 INVALID PARAMETER VALUE

Cause: Operating or programming error.

Operator: A utility control statement for the data communication print utility contains an invalid parameter value. The statement was read from a procedure or entered from the keyboard. Do one of the following:

- Select option 1; then enter the correct utility control statement.
- Select option 2 to cancel the job.

SCP-4605 DISK FILE I/O ERROR

Cause: Disk error..

Operator: A disk error occurred in a file being printed by the data communication print utility. No more information from the file is printed. Do one of the following:

- Select option 1 to continue. If you were entering control statements from the keyboard, you can enter another utility control statement. If a procedure was being run, the next control statement in the procedure is processed.
- Select option 2 to cancel the job.

Note: After this job ends, run the BUILD utility. For more information about the BUILD utility, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-4606 COPYFILE STMT/FILE NAME MISSING

Cause: Operating or programming error.

Operator: A // COPYFILE control statement for the data communication print utility is missing or does not specify the name of the file to be printed. The statement was read from a procedure or entered from the keyboard. Do one of the following:

- Select option 1; then enter the corrected // COPYFILE statement.
- Select option 2 to cancel the job.

SCP-4607 DUPLICATE CONTROL STATEMENT

Cause: Operating or programming error.

Operator: There was more than one // SELECT or // COPYFILE control statement between // GO statements for the data communication print utility. The duplicate statement was read from a procedure or entered from the keyboard. Do one of the following:

- Select option 1; then replace the duplicate statement with a valid utility control statement.
- Select option 2 to cancel the job.

SCP-4608 LINE VALUE TOO LARGE

Cause: Operating or programming error.

Operator: A // CARRIAGE control statement for the data communications print utility specifies a line number that is greater than the page size. The statement was read from a procedure or entered from the keyboard. Do one of the following:

- Select option 1; then enter the corrected // CARRIAGE statement.
- Select option 2 to cancel the job.

SCP-4609 INVALID FILE RECORD LENGTH

Cause: Operating or programming error.

Operator: A // COPYFILE control statement for the data communications print utility specified a file that has an invalid record length. Do one of the following:

- Select option 1; then enter the corrected // COPYFILE statement.
- Select option 2 to cancel the job.

Note: The data communications print utility processes records with lengths of 80, 133, 136, or 256 characters only.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-4610 ERROR IN RECORD BEING PROCESSED

Cause: Programming error.

Operator: Select option 0. Processing of the current and subsequent records could result in errors.

Note: The \$DCSUP utility detected an invalid or unsupported control character in the current record while processing SNA character string data.

SCP-4611 CARRIAGE CONTROL DATA FOUND IN RECORD

Cause: Informational message.

Operator: If you have entered a carriage control statement to control the printing of this file, select option 0 to continue. Otherwise, you can change or adjust the forms in the printer and then select 0 to continue.

Note: The module detected carriage control information in the current record while processing SNA character string data. This carriage control information will control subsequent printing unless a // CARRIAGE utility control statement was specifically entered to override all carriage control information residing in this file.

SCP-4612 UNABLE TO ALLOCATE OUTPUT FILE

Cause: Operating error.

Operator: Select option 1. Enter a smaller value in the RECORDS keyword parameter for the // COPYFILE utility control statement. Otherwise, select option 2 for a controlled cancel.

Note: You can make more space available for the output file by deleting any unnecessary files and then reorganizing the disk. You can use the SAVE procedure to save copies of the files before deleting them. To delete files, use the DELETE procedure. Use the COMPRESS procedure to reorganize the disk. The COMPRESS procedure places all unused space in one continuous area on the disk. For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SCP-4613 ERROR IN END STATEMENT

Cause: Operating or programming error.

Operator: An incorrect .. END utility control statement for the MRJE/WS utility was read from the disk or entered from the keyboard. Do one of the following:

- Select option 0. The .. END utility control statement is ignored and normal processing continues.
- Select option 1, then enter the corrected .. END utility control statement.

Note: If automatic operation was specified in the .. CONFIG utility control statement, option 0 is automatically selected.

SCP-4614 AUTOMATIC MODE, LOGGING TO CRT ONLY

Cause: Informational message.

Operator: Messages issued by the MRJE/WS utility can be displayed on the display screen and recorded in the system history file only in automatic operation. The printer cannot be used as the logging device in an automatic operation.

SCP-4615 NO RECL OR RECORDS KEYWORD SPECIFIED

Cause: Operating error.

Operator: Select option 1 to retry the // COPYFILE utility control statement. Make sure that both the RECL and RECORDS keywords are included with the COPYOUT keyword. (The COPYOUT keyword always requires both of these keywords.)

SCP-4616 OUTPUT FILE EXCEEDS ALLOCATED SIZE

Cause: Operating error.

Operator: Select option 2 to save any records you have already processed. You can use the // SELECT utility control statement to process the remainder of the records. For further information about the // SELECT statement, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593. Otherwise, select option 3 to cancel the job.

Note: You attempted to enter more records after using all the space allocated for the records. Reevaluate the file requirements and reallocate the output file with enough space for the records.

SCP-4700 WORD PROCESSING FILE WPWRKFLE NOT FOUND

Cause: Operating or programming error.

Operator: Select option 3 to end processing.

Note: An entry for the word processing work file (WPWRKFLE) cannot be found in the volume table of contents (VTOC). Document libraries and application files active at the time processing ended may be unpredictably altered.

SCP-4720 ERROR ON SCHEDULER WORK AREA GET/PUT CALL

Cause: Disk error.

Operator: An error occurred during a read or write of the scheduler work area (SWA) index. Select option 3; then rerun the job. If the error occurs often, notify your IBM customer engineer.

SCP-4721 UNABLE TO OPEN/CLOSE DOCUMENT LIBRARY

Cause: Machine error.

Operator: The system was unable to open or close the document library. Select option 3; then rerun the job. If the error occurs often, notify your IBM customer engineer.

SCP-4722 UNABLE TO OPEN/CLOSE SYSIN

Cause: Machine error.

Operator: The system was unable to open or close the SYSIN device specified in the WPSTART command. Select option 3; then rerun the job. If the error occurs often, notify your IBM customer engineer.

SCP-4723 INVALID JOB STATEMENT ID

Cause: Operating error.

Operator: Select option 0 to continue processing. Select option 2 to stop word processing.

Note: The ID field in the JOB statement for word processing must be four characters long.

When the keyboard is specified as the SYSIN device in the WPSTART command (the keyboard is the default) the system stops after displaying this message. When the disk or the mag card unit is specified as the SYSIN device the system stops only when the stop mode option is selected during word processing activation. When the no stop option is selected the system writes the message in syslog and continues processing.

-
- Option 0:** Continue the job. The OCL statement in error is ignored.
Option 1: Retry the operation and continue the job.
Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.
Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-4725 JOB STATEMENT IS MISSING

Cause: Operating error.

Operator: Select option 0 to continue the search for the next JOB statement. Select option 2 to stop word processing.

Note: A JOB statement was expected by the system and was not found.

When the keyboard is specified as the SYSIN device in the WPSTART command (the keyboard is the default) the system stops after displaying this message. When the disk or the mag card unit is specified as the SYSIN device the system stops only when the stop mode option is selected during word processing activation. When the no stop option is selected the system writes the message in syslog and continues processing.

SCP-4726 PROCEDURE NAME INVALID/NOT FOUND

Cause: Operating or programming error.

Operator: Select option 0 to continue with the next input statement. Select option 2 to stop word processing.

Note: The word processing input statement to job management is either too long (more than eight characters) or the procedure name cannot be found in the library.

When the keyboard is specified as the SYSIN device in the WPSTART command (the keyboard is the default) the system stops after displaying this message. When the disk or the mag card unit is specified as the SYSIN device the system stops only when the stop mode option is selected during word processing activation. When the no stop option is selected the system writes the message in syslog and continues processing.

SCP-4727 INSERT CARDS IN THE MCU HOPPER

Cause: Informational message.

Operator: The inquiry job of word processing is completed. Put magnetic cards for interrupted job back in the mag card unit hopper and select option 0 to continue processing.

Note: This message is issued only when the system is returning from inquiry mode.

SCP-4728 MCU WAITING FOR JOB

Cause: Informational message.

Operator: If more cards are to be processed, place them in the MCU hopper. If you wish to perform other processing, press the INQ key; the inquiry request will be honored.

Note: This message is issued when job control is waiting for more input from the mag card unit and there are no magnetic cards in its hopper.

SCP-4729 WORD PROCESSING TERMINATED

Cause: Informational message.

Operator: No response required.

Note: This message is issued whenever word processing is shut down.

SCP-4730 NO MORE SPACE IN DOCUMENT STORAGE

Cause: Informational message.

Operator: There is no storage space left in the document library. To unload the library and allocate more space do the following:

1. Use the WPSAVE procedure to unload the library.
2. Use the WPDELETE procedure to delete the library.
3. Use the WPINT procedure to allocate more space.
4. Use the WPRESTOR procedure to reload the library back into document storage.

SCP-4733 SET UP MCU FOR INQUIRY JOB

Cause: Informational message.

Operator: Insert a magnetic card and select option 0 to continue; otherwise, select option 2 to cancel the inquiry job.

Note: This message follows the message: WORD PROCESSING IS RUNNING IN INQUIRY MODE if the MCU is attached. The operator should remove and save any magnetic cards that were being used in base mode so they may be put back in the MCU upon return to base mode.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-4741 MCU NOT SUPPORTED ON THIS SYSTEM

Cause: Informational message.

Operator: The mag card unit is not supported on this system. Select option 2 to cancel the job.

SCP-4742 UNABLE TO ALLOCATE WPWRKFLE

Cause: System programming error.

Operator: An error exists in the system program. Select option 3 to cancel the job and rerun it. If the error occurs often, notify your IBM customer engineer.

SCP-4743 DOCUMENT STORAGE THRESHOLD REACHED

Cause: Informational message.

Operator: There is less than 6.2% of storage space left in the document library. To override, select the 0 option. To cancel, select the 2 option. To unload the library and allocate more space do the following:

1. Use the WPSAVE procedure to unload the library.
2. Use the WPDELETE procedure to delete the old library.
3. Use the WPINT procedure to allocate more space.
4. Use the WPRESTOR procedure to reload the library back into document storage.

**SCP-4748 INQUIRY ANSWER IN PROCESS,
NOT ALLOWED**

Cause: Operating error.

Operator: An inquiry is already in process, therefore another inquiry is not allowed. Select option 0 to return control to the inquiry program already in process.

**SCP-4749 END OF WORD PROCESSING
INQUIRY MENU**

Cause: Informational message.

Operator: The INQ key was pressed. Select option 0 to return to the interrupted program; select option 1 to continue the inquiry request; select option 2 to terminate word processing.

**SCP-4750 END OF WORD PROCESSING STOP
MENU**

Cause: Informational message.

Operator: You have requested word processing to stop. Select option 0 to stop at the end of the job; select option 1 to stop at the end of the task; select option 2 to stop immediately.

SCP-4752 KEYBOARD NOT DEFINED

Cause: Programming error.

Operator: The specified keyboard name is recognized by the system but no keyboard has been defined for the name. Select option 3 to go to the end of the job without redefining the keyboard.

SCP-4755 MCU TRACK READ ERROR

Cause: Magnetic card error.

Operator: Remove card from single card feed slot and clean it. After returning card to single card feed slot, select option 0 to read in the data regardless of any further errors. Select option 1 to reattempt the read. Select option 2 to cancel the job.

Note: Possible reasons for this message are: (1) an error character on a track; (2) the first character on the track is not a dummy character; (3) a track terminating character (TTC) was not found within 102 characters; (4) data not found; or (5) bad or dirty card.

SCP-4756 MCU TRACK WRITE ERROR

Cause: Magnetic card error.

Operator: Remove card from single card feed slot and clean it; reinsert card in the single card feed slot. Select option 0 to link the error track to the next track and attempt a write. Select option 1 to reattempt the write on the same track. Select option 2 to cancel the job.

Note: After writing a track: (1) data was not found; (2) a character error was detected; (3) the card is dirty; or (4) the card is defective.

SCP-4757 MCU WRITE CHECK ERROR

Cause: Magnetic character error.

Operator: A check for a blank card (the first character on track 1 is a card eject track terminating character) caused this error.

Select option 0 to write over the mag card (a blank card, a nonblank card, or the same card).

Select option 1 to reread track 1 to ensure it is blank. The insertion of a nonblank card will cause message SCP-4757 again.

Select option 2 to cancel this task.

Note: During a check for a blank card prior to writing on track 1, one of the following is found:

- The card is not blank.
- The first character in track 1 is not a card eject track terminating character.
- This is a different card (on a previous attempt, the operator selected option 1 and then fed another card).

SCP-4758 MCU — REMOVE CARD FROM SINGLE FEED SLOT

Cause: Magnetic card error.

Operator: A card has been found in the single card feed slot and should be removed. Remove the card and select option 1 to continue processing. Select option 2 to cancel the job.

SCP-4759 MCU — HOPPER EMPTY

Cause: Mag card unit error.

Operator: Put more magnetic cards in hopper and select option 1 to continue reading or writing cards. Select option 2 to cancel the job.

Note: When attempting to feed a card to perform a read or write, the mag card unit indicated that the hopper was empty. When option 1 is selected, the mag card unit either reads/writes the card in the baseplate, or feeds another card if the baseplate is empty.

SCP-4760 MCU — CARD JAM

Cause: Mag card unit error.

Operator: Press EJECT key to clear jam. Select option 1 to reattempt the card feed. Select option 2 to cancel the job.

SCP-4761 START MCU

Cause: Informational message.

Operator: Press START key and select option 1 to continue processing the previous request. Select option 2 to cancel the job.

Note: While controlling the mag card unit, the system encountered an MCU stopped condition.

SCP-4762 MCU TRACK POSITION ERROR

Cause: Magnetic card or mag card unit error.

Operator: Select option 1 to reread/write the track indicated by the program (the mag card unit sensed either track 1 or track 50 of the magnetic card). Select option 2 to cancel the job.

Note: While controlling the mag card unit, the access method track count was not 1 when the mag card unit sensed track 1 or it was not 50 when the mag card unit sensed track 50.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-4763 MCU UNRECOVERABLE HARDWARE ERROR

Cause: Mag card unit error.

Operator: Select option 1 to retry error function.
Select option 2 to cancel the job.

Note: While controlling the mag card unit, the access method encountered a hardware error it could not correct. The error may well be recoverable, but not through the access method.

SCP-4771 DOC LIBR ERROR – GET CHAINING

Cause: Machine or system programming error.

Operator: Notify your IBM customer engineer.

Note: The storage record retrieved from the document library has a sequence number that is not one greater than that of the previous record. This message is displayed and logged on the history file but no halt is issued.

SCP-4772 DOC LIBR ERROR – RECORD NOT FOUND

Cause: Machine or system programming error.

Operator: Notify your IBM customer engineer.

Note: A disk I/O operation on the document library returned a completion code of 44 (record not found—out of extent for direct files), causing this message to be displayed and logged on the history file but without causing a halt.

SCP-4773 DOC LIBR ERROR – KEY UPDATE ERROR

Cause: Machine or system programming error.

Operator: Notify your IBM customer engineer.

Note: A disk I/O operation on the document library returned a completion code of 50 (key field does not match key in update record), causing this message to be displayed and logged on this history file but without causing a halt.

SCP-4774 DOC LIBR ERROR – DUPLICATE ADD ATTEMPT

Cause: Machine or system programming error.

Operator: Notify your IBM customer engineer.

Note: A disk I/O operation on the document library returned a completion code of 60 (duplicate load or add attempted), causing this message to be displayed and logged on the history file but without causing a halt.

SCP-4775 DOC LIBR ERROR – END OF EXTENT ON ADD

Cause: Machine or system programming error.

Operator: Notify your IBM customer engineer.

Note: A disk I/O operation on the document library returned a completion code of 70 (end of extent—output), causing this message to be displayed and logged on the history file but without causing a halt.

SCP-4776 DOC LIBR ERROR – NUMBER OUT OF EXTENT

Cause: Machine or system programming error.

Operator: Notify your IBM customer engineer.

Note: A disk I/O operation on the document library returned a completion code of 44 (record not found—out of extent for direct files), causing this message to be displayed and logged on the history file but without causing a halt.

SCP-4777 DOC LIBR ERROR – FUNCTION INVALID

Cause: Machine or system programming error.

Operator: Notify your IBM customer engineer.

Note: The function module activated by LDAM main has returned an invalid function code to LDAM main. This message is displayed and logged on the history file but no halt is issued.

SCP-4778 DOC LIBR ERROR – INCONSISTENT RCD COUNT

Cause: Machine or system programming error.

Operator: Notify your IBM customer engineer.

Note: The number of records specified in the document directory is different from the number of storage records retrieved. This message is displayed and logged on the history file but no halt is issued.

SCP-4779 DOC LIBR ERROR – INVALID ERROR NUMBER

Cause: Machine or system programming error.

Operator: Notify your IBM customer engineer.

Note: The LDAM completion code passed to the LDAM error handler by another LDAM module is not a valid completion code. This message is displayed and logged on the history file but no halt is issued.

SCP-4780 NO MSG FOUND FOR REQUESTED MIC

Cause: Programming error.

Operator: Contact your IBM customer engineer.

Note: This message is printed and logged on the history file when a requested error message is not returned from the message library. No halt is issued for this message.

SCP-4781 PREVIOUS TRANSACTION ERROR

Cause: Informational message.

Operator: The //WPMAINT utility function just requested has been invalidated because of an error in the previous transaction. Correct the error in the previous transaction and rerun the job.

SCP-4782 PRINTER ERROR

Cause: Operating error.

Operator: You selected option 2 in response to an error condition while running //WPMAINT utility. Rerun the job and select option 0 or option 1 in response to error conditions.

Note: This message is printed and logged on the history file but no halt is issued.

SCP-4783 FUNCTION COMPLETED NORMALLY

Cause: Informational message.

Operator: The function requested in the //WPMAINT utility completed without errors or problems.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

SCP-4784 MEMBER BEING CREATED

Cause: Informational message.

Operator: No action required.

Note: While the member is being created, no other operations can be performed on it. This message is printed and logged on the history file but no halt is issued.

SCP-4785 FAILED SECURITY CHECK

Cause: Operating error.

Operator: Rerun the job using the proper security key. If it still fails the security check, print out the security key file, using the WPKEY command statement.

Note: The security key file can be printed using the WPKEY command statement and prompt responses as long as the security key for the file is known. This message is printed and logged on the history file but no halt is issued.

SCP-4786 MEMBER ALREADY EXISTS

Cause: Operating or programming error.

Operator: The document library member requested to be created already exists in the library. Determine which is the correct solution and rerun the job: the member already in the library should be deleted; the new member name should be changed; the job has already been run once and need not be rerun.

Note: This message is printed and logged on the history file but no halt is issued.

SCP-4787 MEMBER NAME INVALID

Cause: Operating or programming error.

Operator: The member name specified in the application program is either blank or the same as the free queue area name (the free queue is the blank area in document storage). Change the name and rerun the job.

Note: This message is printed and logged on the history file but no halt is issued.

SCP-4788 MEMBER DOES NOT EXIST

Cause: Operating or programming error.

Operator: The member name specified for the document library does not exist. Either the wrong library has been loaded or there is an error in the library member name. Load the correct library or rename the member and rerun the job.

Note: This message is printed and logged on the history file but no halt is issued.

SCP-4789 NO MORE SPACE IN DOCUMENT DIRECTORY

Cause: Informational message.

Operator: The document directory is full. Either start a new library (use WPINIT command) or free space in this library (use WPSAVE and WPRESTOR commands).

Note: This message is generated when there is no more room in the document directory. Directory records blanked by delete functions can be reused by specifying the exact same name in the new directory record as in the old directory record. Space left by the deleted directory record can also be reused by executing the WPPURGE procedure or by writing the document library on diskette and then writing it back on disk using WPSAVE, WPINIT, and WPRESTOR procedures. This message is printed and logged on the history file, but no halt is issued.

SCP-4790 DOC LIBR ERROR – PERMANENT DISK ERROR

Cause: Disk error.

Operator: If this message occurs often, notify your IBM customer engineer.

SCP-4791 MEMBER IS ACTIVE – FUNCTION NOT ALLOWED

Cause: Operating or programming error.

Operator: The member specified in a command was already being written or read and therefore, no other operation can be performed on that member. The system does not honor the request until the read or write is completed.

SCP-4792 DOCUMENT DIRECTORY THRESHOLD REACHED

Cause: Informational message.

Operator: Select option 0 to proceed. This message is notifying you that there is very little space left in the document directory. Decide on the appropriate place to stop and either free space in the directory (use WPPURGE procedure or WPSAVE, WPINIT, and WPRESTOR commands) or start a new library (use WPINIT command).

Note: The threshold is reached when there is less than 6.25% of the number of directory records allocated left in the directory. This message is printed and logged on the history file but no halt is issued.

Option 0: Continue the job. The OCL statement in error is ignored.

Option 1: Retry the operation and continue the job.

Option 2: Controlled cancel. Enter the remaining OCL statements. They are read and checked for errors, but the job is not executed.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages*, in section 1, for an explanation of option D.

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SCP-4950 READER/SORTER IS STOPPED

Cause: Informational message.

Operator: Select option 0 or 3.

Note: This message is issued as a result of an error or warning detected during the 1255 Magnetic Character Reader/Sorter processing run.

The device is stopped due to one of the following conditions:

- Jam stop
- Stacker command stop
- Empty hopper stop
- Stacker full stop
- Operator stop
- Device not ready
- Device not attached to the system.

Make the necessary corrections and continue.

SCP-4951 DOCUMENT COUNT CONDITION HAS BEEN MET

Cause: Informational message.

Operator: Select option 0 or 2.

Note: An S (indicating stop) has been entered in column 6 of the system specification. A stacker indicated in columns 3-4 of a stacker specification has met the document count condition.

SCP-4968 INCORRECT RECORD LENGTH

Cause: Programming error.

Operator: Select option 3.

Note: The record length (columns 24-27) of the file description specification must be 0055 or ~~00~~55.

SCP-4969 INCORRECT BLOCK LENGTH

Cause: Programming error.

Operator: Select option 3.

Note: The block length (columns 20-23) of the file description specification must be greater than or equal to 550 but not greater than 4070. The entry must be a multiple of 55.

SCP-4970 INSUFFICIENT MAIN STORAGE TO RUN JOB

Cause: Programming error.

Operator: Select option 3.

Note: There is insufficient main storage at execution time. At least 2-1/2K of main storage must be available between the last main storage address of SUBR08 and the program level end address (NPEND) in the system communication area (SCA).

SCP-4971 1255 CONTROLLER ERROR

Cause: Machine error.

Operator: Select option 3.

Note: Either a controller malfunction or microcode diagnostic failing to run successfully caused this hardware error. Contact your IBM service representative.

SCP-4972 INQUIRY REQUESTED

Cause: The inquiry key was pressed while the 1255 Magnetic Character Reader/Sorter was running.

Operator: Select option 0 or 2.

-
- Option 0:** Continue the job. The error condition is ignored.
Option 2: The job is ended. Any data created up to this point is preserved and the job is canceled.
Option 3: The job is canceled. Any data created by this job is lost.

**SCP-4975 DMMI OPTIONS (0 3) ? ABOVE
ERROR(S) INDICATE SPEC
ERROR(S)**

Cause: Programming error.

Operator: With option 0, the specification entries in error revert to the specification default for that entry and the job continues. For option 3, refer to the associated MIC number in this chapter, make the necessary corrections, and resubmit the job.

Note: Message 4975 is issued in conjunction with error codes 4952 through 4967. See the *IBM System/32 1255 Magnetic Character Reader Reference and Logic Manual*, GC21-7692

**SCP-4977 INSUFFICIENT CONTROLLER
STORAGE**

Cause: Programming error.

Operator: Select option 3.

Note: Stacker specifications in this application program exceed the maximum controller storage size. The program must be recompiled with fewer stacker specifications.

The maximum number of stacker specifications is limited to approximately 80 decisions, although more than one decision can be included on each stacker specification line.

**SCP-4978 UNABLE TO LOAD 1255
DIAGNOSTIC MICROCODE**

Cause: Machine error.

Operator: Select option 3.

Note: The attachment controller is unable to retrieve the 1255 diagnostic microcode. Contact your IBM service representative.

**SCP-4979 UNABLE TO LOAD 1255 RUN
MICROCODE**

Cause: Machine error.

Operator: Select option 3.

Note: The attachment controller is unable to retrieve the 1255 run microcode. Contact your IBM service representative.

This section contains displayed messages issued from the RPG II program. All messages in this section have the prefix RPG-.

RPG II programmer and Auto Report messages are documented in the *IBM System/32 RPG II Reference Manual*, SC21-7595.

RPG II displayed messages appear during the compilation and execution of an RPG II program. All of these messages appear as formatted message displays, and all require an operator response.

Note that the text of messages 0101 through 0109 can be changed by the RPG II program. Therefore, the text of the message on the display screen might differ from the text in this guide.

RPG-0011 NEGATIVE SQUARE ROOT OPERATION REQUESTED

Cause: Programming error.

Operator: Select option 0 if you are instructed to in the program operating instructions. Otherwise, select option 2 or 3 to cancel the job.

Note: The RPG II program tried to perform the square root operation on a negative field. If option 0 was selected, the result field for the square root operation is set to zero and program execution continues.

RPG-0012 OVERFLOW OCCURRED ON A DIVIDE OPERATION

Cause: Programming error.

Operator: Select option 0 if you are instructed to in the program operating instructions. Otherwise, select option 2 or 3 to cancel the job.

Note: In the RPG II program being executed, the result field for a divide operation is not large enough to contain the quotient. If option 0 was selected, the result and remainder for the divide operation are set to zero and program execution continues.

If the wrong fields are being divided, you must correct the program to process the correct fields. If the correct fields are being processed, you may have to specify a larger result field.

RPG-0013 DIVIDE BY ZERO IN RPG II OBJECT PROGRAM

Cause: Programming error.

Operator: Select option 0 if you are instructed to in the program operating instructions. Otherwise, select option 2 or 3 to cancel the job.

Note: In the RPG II program being executed, the divisor in a divide operation is zero. If option 0 was selected, the result and remainder for the divide operation are set to zero and program execution continues.

-
- Option 0:** Continue the job. Data is not changed or destroyed. The possible error condition is ignored.
 - Option 1:** This record is not processed. Bypass the record and the rest of the current RPG II cycle.
 - Option 2:** Controlled cancel. The last record read is not processed. Any tables used by the program are stored, and any available last record calculations or output operations are performed.
 - Option 3:** Immediate cancel. New data entered for this job is not preserved. See *Formatted Messages*.
 - Option D:** Immediate cancel with storage dump. See *Formatted Messages* for explanation of option D.

RPG-0014 ARRAY INDEX ERROR

Cause: Programming error.

Operator: Select option 0 if you are instructed to in the program operating instructions. Otherwise, select option 2 or 3 to cancel the job.

Note: The RPG II program being executed uses a variable index to find information in an array. The index used is either zero, negative, or greater than the number of elements in the array. If option 0 was selected, the index is set to one and program execution continues.

RPG-0015 SEQUENCED TABLE OUT OF SEQUENCE

Cause: Programming error.

Operator: Select option 0 if you are instructed to in the program operating instructions. Otherwise, select option 2 or 3 to cancel the job.

Note: A table that is supposed to be arranged in either ascending or descending sequence contains an element that is out of sequence. If option 0 was selected, program execution continues with the table element out of sequence.

RPG-0016 NO DATA FOUND FOR TABLE LOAD

Cause: Programming error.

Operator: Select option 0 if you are instructed to in the program operating instructions. Otherwise, select option 2 or 3 to cancel the job.

Note: When the RPG II object program was loaded, an object table was expected as part of the program. An end of file statement was found before the object table. To use object tables with an RPG II program the tables must be loaded with the object program. If option 0 was selected, the program is executed without the missing table, if possible.

RPG-0017 OBJECT TABLE EXCEEDED SPECIFIED LENGTH

Cause: Programming error.

Operator: Select option 0 if you are instructed to in the program operating instructions. Otherwise, select option 2 or 3 to cancel the job.

Note: The preexecution-time table or array loaded with the RPG II program contains more entries than were specified in the program. This error might be caused by one of the following conditions:

- The wrong table or array was loaded with the RPG II program. To correct this, rerun the job, supplying the correct table or array.
- The program was probably written allowing for additional entries to be added to the table or array, but too many entries have now been added. To correct this, you can delete entries from the table or array that are no longer needed or you can recompile the program specifying a larger object table or array.

If option 0 was selected, the extra table or array entries are ignored and program execution continues.

RPG-0021 FORMS IN PRINTER NEED POSITIONING

Cause: This is an informational message.

Operator: The forms in the printer can now be properly aligned. The first line is reprinted each time option 1 is selected to allow proper forms alignment. When the forms are aligned satisfactorily, select option 0 to continue execution of the program. For instructions on how to align the forms, see the *IBM System/32 Operator's Guide*, GC21-7591.

RPG-0022 DEMAND FILE IS AT END-OF-FILE

Cause: Programming error.

Operator: A file processing error occurred. Select option 0 if you are instructed to in the program operating instructions. Otherwise, select option 2 or 3 to cancel the job.

Note: End of file for a demand file was reached before end of job for the program. If option 0 is selected, program execution continues, but the program does not attempt to process any more records from the demand file.

RPG-0023 NO INPUT FILE ALLOCATED FOR PROGRAM

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the // SWITCH statement might be incorrect. Select option 3.

Note: No input file was allocated for this program. If the // SWITCH statement is used to control input file allocation, the statement is incorrect.

RPG-0025 UNRECOVERABLE DISK ERROR

Cause: Disk or programming error.

Operator: The program encountered a severe error while trying to perform a disk operation. The program could be in error. The system performed a retry operation without success. Select option 2 or 3. If the program is not in error, notify your IBM customer engineer.

Note: The sequence number of the file in error is displayed following the R on the format line.

Option 0: Continue the job. Data is not changed or destroyed. The possible error condition is ignored.

Option 1: This record is not processed. Bypass the record and the rest of the current RPG II cycle.

Option 2: Controlled cancel. The last record read is not processed. Any tables used by the program are stored, and any available last record calculations or output operations are performed.

Option 3: Immediate cancel. New data entered for this job is not preserved. See *Formatted Messages*.

Option D: Immediate cancel with storage dump. See *Formatted Messages* for explanation of option D.

RPG-0030 FILE ABOVE HAS AN UNIDENTIFIED RECORD

Cause: Programming error.

Operator: A file used by this program contains an error. Select option 1 if you are instructed to in the program operating instructions. Otherwise, select option 2 or 3 to cancel the job.

Note: The file identified by the source statement number in the format line of this message contains an unidentifiable record. The file is not a demand file. If option 1 is selected, the record and the rest of the current RPG II cycle is bypassed. Processing continues with the next cycle, and the next record is read.

RPG-0031 FILE ABOVE HAS A RECORD SEQUENCE ERROR

Cause: Programming error.

Operator: A file used by this program contains an error. Select option 1 if you are instructed to in the program operating instructions. Otherwise, select option 2 or 3 to cancel the job.

Note: The file contains a record that is out of sequence, or that is unidentifiable. The file is identified by the statement number in the format line of this message. Sequence checking is done because positions 15 and 16 of the RPG II input specification contain numeric entries. If option 1 is selected, the record and the rest of the current RPG II cycle is bypassed. Processing continues with the next cycle, and the next record is read.

RPG-0032 FILE ABOVE HAS MATCHING FIELD ERROR

Cause: Programming error.

Operator: A file used by this program contains an error. Select option 1 if you are instructed to in the program operating instructions. Otherwise, select option 2 or 3 to cancel the job.

Note: The file identified by the source statement number in the format line of this message contains records with specified match fields. One of those records is out of sequence. If option 1 is selected, the record and the rest of the current RPG II cycle is bypassed. Processing continues with the next cycle, and the next record is read.

RPG-0033 FILE ABOVE HAS UNIDENTIFIED RECORD

Cause: Programming error.

Operator: A file used by this program contains an error. Select option 0 if you are instructed to in the program operating instructions. Otherwise, select option 2 or 3 to cancel the job.

Note: The file identified by the source statement number in the format line is a demand file. An unidentified record is in the file. If option 0 is selected, the unidentified record is ignored and processing continues.

RPG-0034 INVALID RECORD UPDATE OPERATION

Cause: Programming error.

Operator: An illegal record update operation is being attempted by the RPG II program. Select option 0 if you are instructed to in the program operating instructions. Otherwise, select option 2 or 3 to cancel the job.

Note: The RPG II program is performing a record update, but the operation is invalid because:

- The key of the updated record being written does not match the key of the retrieved record.
- No record was retrieved.
- A record that has not been retrieved is being updated.
- A record has been retrieved and an intervening (different) record has been added to the file.

The record was probably entered incorrectly.

The sequence number of the file in error is displayed following the R on the format line.

If option 0 is selected, the record is not updated and processing continues.

RPG-0035 NO RECORD FOUND ON GET RECORD OPERATION

Cause: Programming error.

Operator: The program is trying to process a record that does not exist. Select option 1 if you are instructed to in the program operating instructions. Otherwise, select option 2 or 3 to cancel the job.

Note: The RPG II program is trying to update a record that does not exist. Either a valid, nonexistent record was specified, or a record was specified incorrectly for one of the following file types:

1. Indexed random file.
 - a. The key value is too large, too small, or negative.
 - b. The key value is within the extent, but the record does not exist.
2. Direct files.
 - a. The relative record number is negative or zero.
 - b. The relative record number exceeds the number of records allowed in the file.
3. ADDRROUT file. The wrong output file is being used.

The record was probably entered incorrectly.

If option 1 is selected, the record and the rest of the current RPG II cycle is bypassed. Processing continues with the next cycle, and the next record is read. When chained files are used, the next record read may not be from the same file.

The sequence number of the file is displayed following the R on the format line.

RPG-0036 DUPLICATE ADD-TO-FILE OPERATION FOUND

Cause: Programming error.

Operator: A record used by this program is incorrect. Select option 0 if you are instructed to in the program operating instructions. Otherwise, select option 2 or 3 to cancel the job.

Note: Duplicate keys were found during a load or add operation to an indexed ordered file. The record might have been entered incorrectly, or packed keys might have been specified without packing the output key field in the RPG II program. If option 0 is selected, the record is not added to the file and processing continues.

RPG-0037 ADD-TO-FILE OPERATION OUT OF SEQUENCE

Cause: Programming error.

Operator: A record used by this program is incorrect. Select option 0 if you are instructed to in the program operating instructions. Otherwise, select option 2 or 3 to cancel the job.

Note: A record key that is out of sequence was found during a load or add operation to an indexed ordered file. The record was probably entered incorrectly. If option 0 is selected, the record is not added to the file and processing continues.

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- Option 0:** Continue the job. Data is not changed or destroyed. The possible error condition is ignored.
- Option 1:** This record is not processed. Bypass the record and the rest of the current RPG II cycle.
- Option 2:** Controlled cancel. The last record read is not processed. Any tables used by the program are stored, and any available last record calculations or output operations are performed.
- Option 3:** Immediate cancel. New data entered for this job is not preserved. See *Formatted Messages*.
- Option D:** Immediate cancel with storage dump. See *Formatted Messages* for explanation of option D.

RPG-0038 END-OF-FILE OR END-OF-EXTENTS ERROR

Cause: Programming error.

Operator: A disk file used by the RPG II program is too small. If this message appears during the execution of an RPG II program, select option 2 or 3. If this message appears during the compilation of an RPG II program, select option 3.

Note: A disk file is too small. Two possible causes of this message are:

- The disk space allocated for the file is too small to contain the additions to the file. The space for the file must be reallocated.
- During an RPG II compilation, the disk space allocated for the \$WORK or \$SOURCE file is too small.

RPG-0039 BSCA. INVALID ASCII CHARACTER PASSED.

Cause: Programming error.

Operator: The RPG II program is attempting to send an invalid ASCII character. Select option 2 or 3 to cancel the job.

If you select option 2, and more than one BSCA file is used by the RPG II program, and a second BSCA error message is displayed, select option 3.

Note: Check the job to determine that only valid ASCII characters are used. If the program uses file translation, check to determine if all characters will be translated properly.

RPG-0040 BSCA. FILE SEQUENCE ERROR

Cause: Programming error.

Operator: The RPG II program being executed was defined to be in receive-then-transmit mode. The RPG II program erroneously attempted to use the output file before it had received the end of file for the input file. See the *IBM System/32 RPG II Data Communications Programming Reference Manual*, SC21-7597, for coding techniques. Select option 2 or 3 to cancel the job.

If you select option 2, and more than one BSCA file is used by the RPG II program, and a second BSCA message is displayed, select option 3.

RPG-0041 BSCA. PROGRAM TIME OUT

Cause: Programming error.

Operator: No data was transmitted or received within the time limit specified on the telecommunications specification. Select option 2 or 3 to cancel the job.

If you select option 2, and more than one BSCA file is used by the RPG II program, and a second BSCA error message is displayed, select option 3.

Note: This message is caused by not allowing enough time between blocks of data to be transmitted or received. Change the telecommunications specifications to allow more time.

RPG-0042 BSCA. PERMANENT ERROR ON BSC OR BSCA

Cause: System programming error.

Operator: The current program session is terminated. A permanent error has occurred on the BSCA file. The communications line is no longer available to transmit or receive data. Perform the actions indicated in the program operation instructions; then select option 2 or 3 to cancel the job. If you select option 2, and more than one BSCA file is used by the RPG II program, and a second BSCA error message is displayed, select option 3.

Note: This message occurs only if a permanent error indicator was not specified on the telecommunications specifications sheet.

RPG-0047 SYSTEM ERROR

Cause: System programming error.

Operator: Select option D.

Note: An unidentifiable message request was issued because of a system program error, or because of an error in a subroutine of the RPG II program.

RPG-0100 ALL HALT INDICATORS PREVIOUSLY DISPLAYED

Cause: This is an informational message.

Operator: The halt indicators used in this cycle by the executing RPG II program have been issued. Perform the actions indicated in the program operating instructions; then select option 0 to continue.

-
- Option 0:** Continue the job. Data is not changed or destroyed. The possible error condition is ignored.
 - Option 1:** This record is not processed. Bypass the record and the rest of the current RPG II cycle.
 - Option 2:** Controlled cancel. The last record read is not processed. Any tables used by the program are stored, and any available last record calculations or output operations are performed.
 - Option 3:** Immediate cancel. New data entered for this job is not preserved. See *Formatted Messages*.
 - Option D:** Immediate cancel with storage dump. See *Formatted Messages* for explanation of option D.

RPG-0101-0109 RPG II INDICATOR Hn IS ON

Cause: This is a warning message.

Operator: An RPG II message displayed with a message identification code of 0101 through 0109 indicates that the corresponding RPG II halt indicator (H1 through H9) has been turned on by the executing RPG II program. Perform the actions indicated in the program operating instructions; then select option 0 to continue. Otherwise, select option 2 or 3 to cancel the job.

Note: The message text for these messages can be changed by the executing program.

RPG-1012 TERMINAL ERRORS IN RPG II SOURCE PROGRAM

Cause: Programming error.

Operator: Select option 3.

Note: The RPG II program contains at least one terminal error and cannot be executed. Errors found in the RPG II source program are printed on the program listing. The errors must be corrected before this program can be executed.

RPG-1013 WARNING ERRORS IN RPG SOURCE PROGRAM

Cause: Programming error.

Operator: The RPG II program contains at least one warning error. Select option 0 if you are instructed to in the program operating instructions. Otherwise, select option 3 to cancel the job.

Note: One of the following conditions exists:

- Column 10 of the RPG II control specification contains a nonblank character, and the program being compiled contains at least one warning error. This message appears immediately after the diagnostic messages for the program.

If option 0 is selected, default values are assigned for errors that caused warning messages, and the object program is generated.

If column 10 of the control specification is blank, warning errors will not cause this message to be issued.

- The object program created by compiling the source program is larger than the size specified in columns 12-14 of the RPG II control specification, or no size was specified in those columns. The message appears after the storage map is printed.

If option 0 is selected, the object program is assigned the amount of storage it needs. The program is compiled, but uses more storage than specified in the control specification.

RPG-1014 MORE STORAGE REQUIRED BY THE COMPILER

Cause: Programming error.

Operator: The compilation of this program cannot continue. Select option 3.

Note: This message can be caused by one of the following conditions:

- The RPG II compiler requires more main storage to compile this program. (A main storage map is printed.)
- More than 64K of object main storage was used. (No main storage map is printed.)

Check the specification sheets to determine if the object program size can be reduced by:

- Reducing the blocking factor.
- Removing dual I/O specifications.
- Increasing storage size to execute.

RPG-1015 DUMP CONTROL HALT ON PHASE LOAD REQUEST

Cause: This is an informational message.

Operator: Select option 0 to continue or option 3 to cancel the job.

Note: This message occurred because the dump control facility has intercepted the compiler request to load the next phase and has issued a halt as specified via the halt on phase load command.

RPG-1102 MAIN STORAGE TERMINAL CONDITION EXISTS

Cause: Programming error.

Operator: Select option 3.

Note: The compiler requires more main storage to compile this program, or the generated object program exceeds 64K bytes. Reduce the program size and recompile the program.

RPG-1103 COMPILER WORK FILE ALLOCATION TOO SMALL

Cause: System programming error.

Operator: Select option 3.

Note: An attempt to write to disk past the boundary of a file has occurred. Increase the space allocated for the \$WORK or \$SOURCE file.

RPG-2000 LOAD MODULE HAS AN UNRESOLVED EXTRN

Cause: System configuration or programming error.

Operator: Select option 3.

Note: This message can be caused by one of the following conditions:

- During system configuration and installation of the system control programming and program products from the PID distribution diskettes, the option to include RPG II support was not selected.
- A user-written assembler language subroutine that is referenced in the source program is not cataloged in the object (R) library.

An attempt has been made to include a subroutine that does not exist in the load module. See ERROR 2000 in the message text listing for the subroutine's name.

RPG-3205 TERMINAL ERRORS IN AUTO REPORT SOURCE

Cause: Programming error.

Operator: At least one severe error was detected during generation of the RPG II source specifications. Select option 3.

-
- Option 0:** Continue the job. Data is not changed or destroyed. The possible error condition is ignored.
 - Option 1:** This record is not processed. Bypass the record and the rest of the current RPG II cycle.
 - Option 2:** Controlled cancel. The last record read is not processed. Any tables used by the program are stored, and any available last record calculations or output operations are performed.
 - Option 3:** Immediate cancel. New data entered for this job is not preserved. See *Formatted Messages*.
 - Option D:** Immediate cancel with storage dump. See *Formatted Messages* for explanation of option D.

Section 4. Sort Displayed Messages

This section contains displayed messages issued from the Sort utility program. All messages in this section have the prefix SORT-.

Sort Programmer messages are documented in the *IBM System/32 Utilities Program Product Reference Manual -Sort*, SC21-7633.

Sort displayed messages appear during the execution phase of a sort program.

Each message description in this section lists the probable cause of the message; provides operator information indicating possible operating errors and the correct response; and, where necessary, provides an additional note that further identifies the error and describes how to avoid its recurrence.

SORT-7720 FIRST STATEMENT NOT A HEADER

Cause: Operating or programming error.

Operator: The first statement after the // RUN statement is incorrect. Select option 3.

Note: The first sort sequence specification statement is neither a header statement (H in column 6) nor a // SOURCE statement.

SORT-7721 SOURCE MEMBER NOT FOUND

Cause: Operating or programming error.

Operator: The source member specified in the // SOURCE statement is not in the library. If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering control statements from the keyboard, the // SOURCE statement might be incorrect. Select option 3.

SORT-7722 WARNING ERRORS FOUND

Cause: Possible programming error.

Operator: During the generation phase of this job, no severe or terminal errors were found. However, one or more warning errors occurred that can affect the execution of the job. Invalid specification statements probably caused the errors. Select option 0 to continue. Otherwise, select option 2 to cancel the job.

Note: If SYSLOG is assigned to the printer and the print option in the header statement is 0, the warning messages are printed. If the print option is 3, this message is suppressed.

-
- Option 0:** Continue the job. The possible error condition is ignored.
 - Option 1:** Retry. Retry the operation and continue the job.
 - Option 2:** Controlled cancel. Any new data already created by the job is preserved.
 - Option 3:** Immediate cancel.
 - Option D:** Immediate cancel with storage dump.

SORT-7723 ERROR READING SPECIFICATIONS

Cause: Disk error.

Operator: A disk error occurred during the reading of the sequence specification statements. Select option 3.

Note: Run the BUILD procedure before rerunning this job. If this error occurs often, notify your IBM customer engineer. For further information about the BUILD procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SORT-7724 NO INPUT RECORDS INCLUDED

Cause: Possible operating or programming error.

Operator: No records were sorted by this job. Select option 0 to continue (an output file that contains no records is created). Otherwise, select option 3 to cancel the job.

Note: Either no input records existed, or none of the input records met the INCLUDE requirements of the sort sequence specifications. If this is an error condition, two possible causes are:

- Incorrect sort sequence specifications
- Wrong file specified for processing

If you want to compare the sort sequence specifications with the contents of the input file, use the DISPLAY procedure to list the records in the input file. For further information about the DISPLAY procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SORT-7725 SEVERE/TERMINAL ERRORS FOUND

Cause: Programming error.

Operator: Severe and/or terminal errors occurred during the generation phase of this job. Select option 3.

Note: If SYSLOG is assigned to the printer and the print option in the header statement is 0, the severe and/or terminal error messages are printed. Correct the errors before rerunning the job.

SORT-7728 INPUT FILE READ ERROR

Cause: Disk error.

Operator: A disk error occurred while the system was reading records from an input file. Select option 3.

Note: Run the BUILD procedure; then rerun this job. If this error occurs often, notify your IBM customer engineer. For further information about the BUILD procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SORT-7729 WORK FILE READ/WRITE ERROR

Cause: Disk error.

Operator: A disk error occurred while the system was reading or writing records on the work file. Select option 3.

Note: Run the BUILD procedure before rerunning this job. If this error occurs often, notify your IBM customer engineer. For further information about the BUILD procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SORT-7730 OUTPUT FILE WRITE ERROR

Cause: Disk error.

Operator: A disk error occurred while the system was writing records on the output file. Select option 3.

Note: Run the BUILD procedure before rerunning this job. If this error occurs often, notify your IBM customer engineer. For further information about the BUILD procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SORT-7731 WORK FILE TOO SMALL

Cause: Operating or programming error.

Operator: If you are running a procedure, this message might indicate a programming error. Select option 3.

If you are entering control statements from the keyboard, a // FILE statement might be incorrect. Select option 3.

Note: The disk space assigned to the sort work file by the // FILE NAME-WORK statement or by automatic work file allocation is too small to contain all the work file records being sorted.

If you specified the // FILE statement for the work file, specify more space for the file, then resubmit the job. For a discussion of how to estimate the size of the work file, see the *IBM System/32 Utilities Program Product Reference Manual—Sort*, SC21-7633.

If a // FILE statement was not specified for the work file, you must make more space available for the work file by reorganizing the disk or by deleting any unnecessary files and then reorganizing the disk before rerunning the job. You can use the COMPRESS procedure to reorganize the disk. This places all the unused space in one contiguous area on disk. You can use the DELETE procedure to delete files from the disk. (If you want to save the files, use the SAVE procedure before deleting them.) You can use the CATALOG procedure to display the present disk VTOC.

For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SORT-7732 OUTPUT FILE TOO SMALL

Cause: Operating or programming error.

Operator: The sort output file is full. If you are running a procedure, this message indicates a programming error. Select option 2 or 3. If you select option 2, the data already on the output file is preserved.

If you are entering control statements from the keyboard, a // FILE statement might be incorrect. Select option 2 or 3. If you select option 2, the data already on the output file is preserved.

Note: The disk space assigned to the sort output file in the // FILE NAME-OUTPUT statement is too small to contain the sorted output records. Sort diagnostic message 7603 indicates the number of input records included. Use this number to recompute the disk space required for the output file; then resubmit the job.

If DFU is running when this message appears, the FILE statement is in the DFU procedure #DFUSR.

SORT-7781 POSSIBLE SORT LOGIC ERROR

Cause: Possible system programming error.

Operator: Select option D.

Note: Two possible causes of this message are:

- The number of records processed and included in phase 1 of this job is not equal to the number of records processed in phase 3.
- The sequence of the output records is incorrect.

Option 0: Continue the job. The possible error condition is ignored.

Option 1: Retry. Retry the operation and continue the job.

Option 2: Controlled cancel. Any new data already created by the job is preserved.

Option 3: Immediate cancel.

Option D: Immediate cancel with storage dump.

Section 5. DFU Displayed Messages

This section of the guide contains displayed messages issued from the Data File Utility (DFU) program. All messages in this section have the prefix DFU—.

For a description of the printed DFU programmer messages, see the *IBM System/32 Utilities Program Product Reference Manual—Data File Utility*, SC21-7600.

This section describes all of the DFU messages that appear on the display screen along with message identification codes.

Each message description in this section lists the probable cause of the message; provides operator information indicating possible operating errors and the correct response; and, where necessary, provides an additional note that further identifies the error and describes how to avoid its recurrence.

DFU-0001 NO KEY ENTERED: KEY WAS REQUESTED

Cause: Operating error.

Operator: You entered a null response (pressed ENTER without first keying data) when the enter/update or inquiry function requested another record key field. Enter a record key field.

DFU-0002 YOUR KEY HIGHER THAN SUPPLIED HIGH KEY

Cause: Operating error.

Operator: You entered a record key that is larger than the next record key the enter/update function will generate.

Do one of the following:

- Enter a lower record key.
- Enter a null response (press ENTER only). If you enter a null response, enter/update supplies the next record key.

DFU-0003 YOU MUST NOW SUPPLY KEYS YOURSELF

Cause: Operating error.

Operator: Enter/update supplied its highest record key (99990). You must now enter record keys from the keyboard. Enter each five-character key in line 5 of the display screen.

DFU-0004 PERM DISK DATA FILE ERROR

Cause: Disk error.

Operator: A disk error occurred. Select option 3.

Note: A disk error occurred while the system was trying to access your data file. Run the BUILD procedure before rerunning this job. For further information about the BUILD procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

-
- | | |
|------------------|--|
| Option 0: | Continue the job. The possible error condition is ignored. |
| Option 1: | Retry. Retry the operation and continue the job. |
| Option 2: | Controlled cancel. Any data already created by the job is preserved. |
| Option 3: | Immediate cancel. Any data created by the job is lost. |
| Option D: | Immediate cancel with storage dump. |

DFU-0005 YOU HAVE FILLED THIS FILE

Cause: Operating error.

Operator: Not enough space exists in the file for the record being added. You can update records in this file, but do not add records until the size of the file is increased.

Note: Increase the space allocated for this file before you add records by using the SAVE and RESTORE procedures. For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

DFU-0006 PERM DISK FORMATS ERROR

Cause: Disk error.

Operator: A disk error occurred. Select option 3.

Note: A disk error occurred while the system was trying to access the format description load member. Run the BUILD procedure before rerunning this job. For further information about the BUILD procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

DFU-0007 UNDETERMINED RECORD TYPE

Cause: Operating error.

Operator: An attempt is being made to update or inquire into a record, but the specified record identification indicator is not defined in the format description. Do one of the following:

- Press SELECT FORMAT and enter a different record identification indicator.
- Go to another record by pressing REC BKSP and entering a different record key.

DFU-0009 INVALID RECORD ID INDICATOR--RE-ENTER

Cause: Operating error.

Operator: You entered a record identification indicator that does not consist of 1 or 2 digits, or you entered one that is not defined in the format description. Check the job setup instructions; then enter the correct record identification indicator.

DFU-0010 'NOSORT' INCONSISTENT WITH FORMATS

Cause: Operating error.

Operator: The fourth parameter in the LIST command statement is specified to be NOSORT (the default value is NOSORT), but the format description for this list indicates that sort specifications exist. Do one of the following:

- If you want the file listed with no prior sorting, select option 0.
- Select option 3; then specify the sort parameter when you resubmit the job.

DFU-0011 RECORD LENGTH DOESN'T MATCH FORMATS

Cause: Operating error.

Operator: The length of the records in the data file is not equal to the record length specified in the format description. Select option 3; then resubmit the job specifying the name of a format description that describes the file to be processed.

DFU-0012 KEY LENGTH DOESN'T MATCH FORMATS

Cause: Operating error.

Operator: The length of the record keys in the data file is not equal to the record key length specified in the format description. Select option 3; then resubmit the job specifying the name of a format description that describes the file to be processed.

DFU-0013 INCONSISTENT LOCATION OF RECORD KEYS

Cause: Operating error.

Operator: The record keys in the data file are not in the location specified in the format description. Select option 3; then resubmit the job specifying the name of a format description that describes the file to be processed.

DFU-0014 UTILITY CONTROL STMT ERROR

Cause: Operating or programming error.

Operator: Select option 3. If you entered a DFU command statement, this is an error in the DFU function. Notify IBM for program support services.

If you are entering control statements from the keyboard, check that you entered all the statements correctly; then rerun the job.

Note: If this message occurs when control statements are being entered from the keyboard, a utility control statement is incorrect.

DFU-0015 FORMATS DON'T MATCH THE FILE TYPE

Cause: Operating error.

Operator: A format description was not created for the type of file (member) being created, maintained or listed. Select option 3; then resubmit the job specifying the name of a format description that describes the file to be processed.

Note: Format descriptions created for source or procedure members can be used to create, maintain, and list source or procedure members and data files. Format descriptions created for data files can be used to create, maintain, and list only data files.

-
- Option 0:** Continue the job. The possible error condition is ignored.
 - Option 1:** Retry. Retry the operation and continue the job.
 - Option 2:** Controlled cancel. Any data already created by the job is preserved.
 - Option 3:** Immediate cancel. Any data created by the job is lost.
 - Option D:** Immediate cancel with storage dump.

DFU-0017 INVALID SELF-CHECK DIGIT, MOD 10

Cause: Operating error.

Operator: The last character you entered in the self-check field is nonnumeric or is an invalid self-check digit. Key the correct digit in place of the incorrect character.

DFU-0018 INVALID SELF-CHECK DIGIT, MOD 11

Cause: Operating error.

Operator: The last character you entered in the self-check field is not numeric or is not a valid self-check digit. Key the correct digit in place of the incorrect character.

DFU-0019 INVALID CODE FOR RECORD ID INDICATOR

Cause: Operating error.

Operator: The record identification code(s) in the record you just keyed is not defined for the record identification indicator being operated on. Do one of the following:

- Press REC BKSP. The data you keyed is ignored. If you are entering a new record, the record you keyed is not added to the new file.
- If you are changing a record, the record is unchanged.
- Press REC ADV. The invalid record identification code(s) remains in the record, and the record is entered in the file as you keyed it.
- Press ENTER or ENTER+. Record identification codes are inserted in the record so it conforms to those defined for the record identification indicator being operated on, and the record is entered in the file. However, if any of the record identification codes are within the record's key field, the codes within the key field are not changed.

Note: ENTER may cause unpredictable results in the accumulator fields. If the integrity of the accumulators must be maintained, use the backspace option to ignore the current record, delete the record created with the incorrect record identification code, and enter a new record with the desired record identification code.

DFU-0029 REQUESTED RECORD NOT IN THIS FILE

Cause: Operating error.

Operator: The record key you entered does not appear in any record in this file. Enter a different record key.

DFU-0031 ROLL DOWN INVALID AT START OF FILE

Cause: Operator error.

Operator: You pressed ROLL↓ to display the record that precedes the last record displayed, but you are already at the beginning of the file. Press ROLL↑ to display the next record in the file; or enter a record key.

DFU-0032 ROLL UP INVALID AT END OF FILE

Cause: Operating error.

Operator: You pressed ROLL↑ to display the record that follows the last record displayed, but you are already at the end of the file. Do one of the following:

- Press ROLL↓ to display the previous record in the file.
- Enter a record key.

DFU-0033 REQUESTED SOURCE/PROC MEMBER NOT FOUND

Cause: Operating or programming error.

Operator: A specified source or procedure member is not in the library. A utility control statement might be incorrect. Select option 3.

Note: A source or procedure member specified in the utility control statement is not in the library.

DFU-0034 END OF EXTENT ON SOURCE/PROC CONVERSION

Cause: Operating or programming error.

Operator: A source or procedure member was being converted to a data file, but the end of the output file was reached before the entire source or procedure member was converted. Select option 3.

Note: Reestimate the number of records the data file will contain; then resubmit the update or inquiry job specifying the new estimate in the number of records parameter in the DFU command.

DFU-0035 THE LIBRARY IS FULL

Cause: Operating or programming error.

Operator: The system library can contain no more records. This condition can occur while:

- Writing DFU or sort specifications to a source member.
- Creating a DFU format description load member.

In these cases, select option 3. The required member must be recreated in the library.

- Converting an indexed data file to a source or procedure member.

In this case, cancel this job by selecting option 2 or 3. If you select option 2, the records already converted are saved in the source or procedure member, and the remaining records are printed.

Note: Make space available in the library by doing one of the following:

- If space between the library members exists, use the CONDENSE procedure to make all unused space available. If no space exists between library members, delete unnecessary library members. To delete members, first use the FROMLIBR procedure to save the members, then use the REMOVE procedure to delete them, and use the CONDENSE procedure to make the freed library space available.
- To increase the size of the library, enter a // ALLOCATE statement. If disk space is not available to increase the library size, first use the \$FREE utility to collect available disk space at the end of #LIBRARY. Then enter a // ALLOCATE statement to increase the size of the library.
- Run the BACKUP and RELOAD procedures; the space allocated for the library can be changed when you run the RELOAD procedure.

For information about the \$FREE utility or the // ALLOCATE statement (\$MAINT utility), see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593. For information about procedures, see the appropriate section of that manual.

Option 0: Continue the job. The possible error condition is ignored.

Option 1: Retry. Retry the operation and continue the job.

Option 2: Controlled cancel. Any data already created by the job is preserved.

Option 3: Immediate cancel. Any data created by the job is lost.

Option D: Immediate cancel with storage dump.

DFU-0038 THE LIBRARY DIRECTORY IS FULL

Cause: Operating or programming error.

Operator: The system library directory is full. Select option 3.

Note: Make space available in the directory either by deleting unnecessary library members or by increasing the space allocated for the directory. Delete members by using the REMOVE procedure, and compress the library members by using the CONDENSE procedure. To increase the size of the directory, run the BACKUP procedure; then change the space allocated for the directory when you run the RELOAD procedure. For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593

If the error occurred while a created or updated file was being converted to a source or procedure member, you should then rerun the procedure to convert the data file as follows:

```
#DFUDS filename,filetype (Filename is the name  
of the desired source or procedure file. File-  
type is S for source or P for procedure.)
```

DFU-0039 SORT SPECS MISSING IN FORMATS

Cause: Operating error.

Operator: The fourth parameter in the LIST command statement is specified to be SORT, but the format description specified in the second parameter does not contain any sort specifications. Select option 3.

DFU-0040 INVALID SORT SPEC IN FORMATS

Cause: Operating error.

Operator: The format description is incorrect. Select option 3.

Note: This message is displayed if the sort specifications in the format description do not start with a header line, or if a specification is found that is not an include or field specification. The sort specifications in the format description were altered.

DFU-0041 NO KEY SPECIFIED IN FORMATS

Cause: Operating error.

Operator: The format description specified for this enter, update, or inquiry job does not contain any record key information. Select option 3; then resubmit the job specifying the name of a format description that describes the file to be processed.

DFU-0122 TITLE EXCEEDS 24 CHARS

Cause: Operating error.

Operator: You entered a title that contained more than 24 characters. Enter a shorter title.

DFU-0124 COLUMN HEADING EXCEEDS 16 CHARS

Cause: Operating error.

Operator: A column heading was entered that contained more than 16 characters. Key a shorter column heading.

DFU-0125 INVALID OPCODE

Cause: Operating error.

Operator: An invalid DFU op code was detected when the DFU specifications were being diagnosed. The specification in error is displayed on line 4 of the display screen. Do one of the following:

- Key the correct op code.
- Delete the specification by pressing the DELETE command key.
- Cancel the job by pressing the EOJ (end of job) command key.

Note: Following is a list of the valid DFU op codes and the DFU functions in which each op code is allowed.

DFU		
Op Code	Functions	Meaning
*	Enter/update, inquiry, list	No special function desired.
*C	Enter/update	Use this field as a modulus 10 self-check field.
*K	Enter/update	Use this field as a modulus 11 self-check field.
*D	Enter/update	Use this field as an auto- dup field.
*ADD	Enter/update, list	Accumulate this field.
*CD	Enter/update	Use this field as a modulus 10 self-check field and an auto-dup field.
*RESULT		List
The following DFU op codes must appear as the last DFU specifications for a job.		
*TOTAL	List	This is a control break field.
*SORTA	List	Sort this field ascending.
*SORTD	List	Sort this field descending.
*SELECT	List	Select records based on field values.

-
- Option 0:** Continue the job. The possible error condition is ignored.
Option 1: Retry. Retry the operation and continue the job.
Option 2: Controlled cancel. Any data already created by the job is preserved.
Option 3: Immediate cancel. Any data created by the job is lost.
Option D: Immediate cancel with storage dump.

DFU-0126 INVALID VALUE IN 'DELETE CODE, POSITION'

Cause: Operating error.

Operator: The delete code is more than one character long, or the delete position exceeds the record length. Either the invalid value was entered from the keyboard or it was detected when DFU specifications were being diagnosed.

If the error is the result of an entry made from the keyboard, key the correct delete code and/or position.

If the error is the result of an invalid value in a DFU specification, the specification in error is displayed on line 4 of the display screen. Do one of the following:

- Correct the specification.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0127 HEADER RECORD MISSING

Cause: Operating error.

Operator: The first DFU specification does not contain *ENT/UPD, *INQUIRY, or *LIST in field 2. The specification in error is displayed on line 4 of the display screen. Do one of the following:

- Correct the specification.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0128 INVALID HEADER OPTION

Cause: Operating error.

Operator: The third field of the first DFU specification does not specify a valid option.

The specification in error is displayed on line 4 of the display screen. Do one of the following:

- Key the correct header option.
- Cancel the job by pressing the EOJ (end of job) command key.

Note: The DFU function determines which options are valid. A list of the functions and their valid header options follows:

Function	Option
Enter or update	Blank: Do not print entered records. *LIST: Print entered records.
Inquiry	Blank
List	*RECORD: This is a record list. *SUMMARY: This is a summary list.

Enter or update	Blank: Do not print entered records. *LIST: Print entered records.
Inquiry	Blank
List	*RECORD: This is a record list. *SUMMARY: This is a summary list.

DFU-0129 *KEY RECORD MISSING

Cause: Operating error.

Operator: The second DFU specification does not contain the *KEY keyword.

The specification in error is displayed on line 4 of the display screen. Do one of the following:

- Enter a valid *KEY record.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0130 INVALID *KEY OPTION

Cause: Operating error.

Operator: The third field of the second DFU specification does not contain a valid option.

The specification in error is displayed on line 4 of the display screen. Do one of the following:

- Enter a valid *KEY option.
- Cancel the job by pressing the EOJ (end of job) command key.

Note: The DFU function requested determines which options are valid. A list of the functions and their valid *KEY options follows.

Function	Option
Enter or update	Blank: You supply alphabetic record keys. *GENKEY: DFU generates numeric record keys. *NUMERIC: You supply numeric record keys.
Inquiry	Blank: You supply alphabetic record keys. *NUMERIC: You supply numeric record keys.
List	Blank: Do not print key fields. *PRINT: Print key fields.

DFU-0131 *TITLE RECORD MISSING

Cause: Operating error.

Operator: The third DFU specification does not contain the keyword *TITLE.

The specification in error is displayed on line 4 of the display screen. Do one of the following:

- Enter a valid *TITLE record.
- Cancel the job by pressing the EOJ (end of job) command key.

Option 0: Continue the job. The possible error condition is ignored.

Option 1: Retry. Retry the operation and continue the job.

Option 2: Controlled cancel. Any data already created by the job is preserved.

Option 3: Immediate cancel. Any data created by the job is lost.

Option D: Immediate cancel with storage dump.

DFU-0132 INVALID COLUMN SPACING REQUESTED

Cause: Operating error.

Operator: An invalid column spacing request was made. This message can be issued either when you are entering information from the keyboard or when DFU specifications are being diagnosed.

If the error is the result of an entry made from the keyboard, enter a valid column spacing request.

If the error was diagnosed in a DFU specification, the specification in error is displayed on line 4 of the display screen. Do one of the following:

- Correct the column spacing request.
- Cancel the job by pressing the EOJ (end of job) command key.

Note: Valid column spacing options (field 1 of the *TITLE record) are 0 through 9.

DFU-0133 *RECORD RECORD MISSING OR INVALID

Cause: Operating error.

Operator: The second field of the fourth DFU specification does not contain the keyword *RECORD.

The specification in error is displayed on line 4 of the display screen. Do one of the following:

- Enter a valid *RECORD record.
- Cancel the job by pressing EOJ (end of job) command key.

DFU-0135 UNDEFINED FIELD NAME IN DFU SPEC

Cause: Operating error.

Operator: A field name on a DFU specification does not have a matching field name in the attribute specifications.

The specification in error is displayed on line 4 of the display screen. Do one of the following:

- Change the name to a valid field name.
- Delete the specification by pressing the DELETE command key.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0137 DATA FIELD OVERLAPS KEY FIELD

Cause: Operating error.

Operator: A field name specified in the DFU specifications is located in the same record positions as all or part of the key field.

The specification in error is displayed on line 4 of the display screen. Do one of the following:

- Specify a different field name.
- Delete the specification by pressing the DELETE command key.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0136 DUPLICATE FIELD NAMES

Cause: Operating error.

Operator: A field name specified in the DFU specifications was already defined for the record type.

The specification in error is displayed on line 4 of the display screen. Do one of the following:

- Specify a different field.
- Delete the specification by pressing the DELETE command key.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0139 EDITED LENGTH EXCEEDS 3 PRINT LINES

Cause: Operator error.

Operator: The edited record length, including column spacing, exceeds 3 print lines either for the column heading or for the edited fields defined for the record type.

The specification in error is displayed on line 4 of the display screen. Do one of the following:

- Delete the specification by pressing the DELETE command key.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0140 MORE THAN 40 FIELDS DEFINED

Cause: Operating error.

Operator: More than 40 fields, including the record key field, are defined for one record identification indicator.

The specification in error is displayed on line 4 of the display screen. Do one of the following:

- Delete the field specification by pressing the DELETE command key.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0141 MORE THAN 10 ACCUMULATORS DEFINED

Cause: Operating error.

Operator: More than 10 accumulator fields are defined.

The specification in error is displayed on line 4 of the display screen. Do one of the following:

- Change the op code in the specification from an accumulator op code.
- Delete the specification by pressing the DELETE command key.
- Cancel the job by pressing the EOJ (end of job) command key.

Notes:

1. Excess accumulators can be reassigned by changing op codes in the appropriate DFU specifications.
2. DFU uses only one accumulator field for the same fields in different record types.

DFU-0142 LENGTH OF ACCUMULATOR IS GREATER THAN 15

Cause: Operating error.

Operator: An accumulator length is greater than 15. You can accumulate alphabetic fields, but the fields must not be longer than 15 characters.

The specification in error is displayed on line 4 of the display screen. Do one of the following:

- Change the op code in the specification from an accumulator op code.
- Delete the specification by pressing the DELETE command key.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0143 MORE THAN 5 SORT FIELDS DEFINED

Cause: Operating error.

Operator: An attempt is being made to sort a data file before listing that file, but more than five fields are specified as sort control fields.

The specification in error is displayed on line 4 of the display screen. Do one of the following:

- Delete the specification by pressing the DELETE command key.
- Cancel the job by pressing the EOJ (end of job) command key.

Option 0: Continue the job. The possible error condition is ignored.

Option 1: Retry. Retry the operation and continue the job.

Option 2: Controlled cancel. Any data already created by the job is preserved.

Option 3: Immediate cancel. Any data created by the job is lost.

Option D: Immediate cancel with storage dump.

DFU-0144 MORE THAN 5 *TOTAL FIELDS DEFINED

Cause: Operating error.

Operator: Fields are being accumulated with control totals for file list, but more than five fields are specified as control level fields.

The specification in error is displayed on line 4 of the display screen. Do one of the following:

- Delete the specification by pressing the DELETE command key.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0145 SORT FIELD NOT DEFINED IN SPECS

Cause: Operating error.

Operator: Sort fields (*SORTA and *SORTD) are specified in the DFU specifications, but are not defined for all record indicators in the attribute specifications.

The specification in error is displayed on line 4 of the display screen. Do one of the following:

- Change the field name in the specification.
- Delete the specification by pressing the DELETE command key.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0146 CONTROL FIELD NOT DEFINED IN SPECS

Cause: Operating error.

Operator: If control level fields are defined in the DFU specifications, control level field names must be present in the attributes (derived from the RPG II input specifications) of at least one of the record types defined for DFU.

The specification in error is displayed on line 4 of the display screen. Do one of the following:

- Change the field name in the specification.
- Delete the specification by pressing the DELETE command key.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0147 INVALID SELF-CHECK--NOT MOD 10 OR 11

Cause: Operating error.

Operator: The self-check type specified was not modulus 10 or modulus 11. Enter the correct self-check digit.

DFU-0149 MISSING FILE DESCRIPTION SPECIFICATION

Cause: Programming error.

Operator: An error exists in an RPG II specification. No operator action is required.

Note: The first record read from the RPG II source member must be a file description specification.

DFU-0152 DUP KEY INVALID - ENTER FIELD NAME

Cause: Operating error.

Operator: The DUP key (upper or lower case) was pressed in response to one of the following prompts:

ENTER FIELD NAME
ENTER SORT FIELD NAME
ENTER CONTROL FIELD NAME
ENTER FIRST FACTOR IN RESULT FIELD
ENTER NEXT FACTOR IN RESULT FIELD
ENTER NAME OF SELECT FIELD (FACTOR 1)
ENTER FIELD NAME (FACTOR 2 VALUE)

This response is invalid when:

- Attribute specifications are not currently on the display screen.
- Line 4 of the display screen does not currently contain a field name specification.
- The field name specification currently on line 4 of the display screen does not correspond to the record type currently being prompted for.

Option 0: Continue the job. The possible error condition is ignored.

Option 1: Retry. Retry the operation and continue the job.

Option 2: Controlled cancel. Any data already created by the job is preserved.

Option 3: Immediate cancel. Any data created by the job is lost.

Option D: Immediate cancel with storage dump.

DFU-0161 ALPHA FIELD LENGTH OVER 40 POSITIONS

Cause: Operating error.

Operator: An alphabetic field is longer than 40 characters. DFU allows a maximum length of 40 positions for alphabetic fields.

The specification in error is displayed on line 4 of the display screen. Do one of the following:

- Change the field name in the specification.
- Delete the specification by pressing the DELETE command key.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0162 RPG II SOURCE STATEMENT(S) IN ERROR

Cause: Programming error.

Operator: Terminal errors were detected in the RPG II source statements while the statements were being converted to DFU attributes. The source statements in error and the error messages were displayed on the system list device (printer or display screen). Select option 3.

Note: The invalid RPG II source statements must be corrected.

DFU-0163 NO FIELDS FOR RECORD ID INDICATOR

Cause: Operating or programming error.

Operator: If the error occurs while DFU specifications are being checked, no fields were specified to be operated on for the displayed record identification indicator. The invalid specification is displayed on line 4 of the display screen. Do one of the following:

- Correct the specification.
- Delete the specification by pressing the DELETE command key.
- Add the field specifications.
- Cancel the job by pressing the EOJ (end of job) command key.

If the error is in an RPG II specification, no operator action is required.

Note: If DFU specifications are being checked, no fields were specified to be operated on or the displayed record identification indicator specification has no associated fields.

DFU-0164 UNABLE TO ALLOCATE DFU WORK FILE

Cause: Operating error.

Operator: Not enough space is on disk for the required work file. Select option 3.

Note: Not enough space is available in the disk data area for the DFU format builder work file. Make space available for the required work file by reorganizing the disk or by deleting any unnecessary files. Use the COMPRESS procedure to reorganize the disk. This places all the unused space in one contiguous area on the disk. You can use the SAVE procedure to save copies of files being deleted. Delete files by using the DELETE procedure. The CATALOG procedure can display the present contents of the disk. For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

DFU-0167 THE DFU WORK FILE IS FULL

Cause: Programming error.

Operator: The work file is full; processing cannot continue. Select option 3.

Note: Make more space available for the work file by reorganizing the disk or by deleting any unnecessary files. Then rerun the job. You can use the COMPRESS procedure to reorganize the disk. This places all the unused space in one contiguous area on the disk. You can use the SAVE procedure to save copies of files being deleted. To delete files use the DELETE procedure. The CATALOG procedure can display the present contents of the disk. For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

DFU-0169 PERM DISK WORK FILE ERROR

Cause: Disk error.

Operator: A disk error occurred while the system tried to access the DFU work file. Select option 3.

Note: Run the BUILD procedure; then rerun the job. If this error occurs often, notify your IBM customer engineer.

DFU-0172 INVALID RECORD ID IND ON DFU SPEC

Cause: Operating error.

Operator: The record identification indicator in field 1 of the DFU specification is invalid because it is not a valid two-digit number or because no DFU attribute defines it. The specification in error is displayed on line 4 of the display screen. Do one of the following:

- Correct the invalid record identification indicator.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0174 INVALID KEY LENGTH FOR OPTION SPECIFIED

Cause: Operating error.

Operator: This error occurs when:

- *GENKEY is specified in field 3 (meaning that DFU should generate the record keys), but the record key length is not 5 bytes. DFU generates record keys only if the key length is 5 bytes. The specification error is on line 4 of the display screen. Do one of the following:
 - Delete the *GENKEY option.
 - Change the *GENKEY to *NUMERIC.
 - Cancel the job by pressing the EOJ (end of job) command key.
- *NUMERIC is specified in field 3 (meaning that record keys are numeric), but the record key length is greater than 15 bytes. DFU only supports numeric key lengths of 15 bytes or less. The specification in error is displayed on line 4 of the display screen. Do one of the following:
 - Delete the *GENKEY option.
 - Change the *GENKEY to *NUMERIC.
 - Cancel the job by pressing the EOJ (end of job) command key.

Option 0: Continue the job. The possible error condition is ignored.

Option 1: Retry. Retry the operation and continue the job.

Option 2: Controlled cancel. Any data already created by the job is preserved.

Option 3: Immediate cancel. Any data created by the job is lost.

Option D: Immediate cancel with storage dump.

DFU-0178 PACKED FIELDS INVALID FOR SOURCE/PROC

Cause: Operating error.

Operator: A packed field is specified for a source or procedure member. Packed fields are not valid for source or procedure members.

The specification in error is displayed on line 4 of the display screen. Do one of the following:

- Change the field name in the specification.
- Delete the specification by pressing the DELETE command key.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0179 INVALID UTILITY TYPE ON HEADER SPEC

Cause: Operating error.

Operator: The DFU utility type (field 2 of the DFU header specification) does not correspond to the DFU function you selected.

The specification in error is displayed on line 4 of the display screen. Do one of the following:

- Change the utility type to match the function.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0180 DELETE POSITION OVERLAPS KEY-RE-ENTER

Cause: Operating error.

Operator: Either a position value was entered from the keyboard that overlaps the record key field, or the default value overlaps the record key field. Key the correct delete position value. A null response is invalid for this message.

DFU-0182 DUPLICATE SORT OR LEVEL FIELDS DEFINED

Cause: Operating error.

Operator: A duplicate field name is defined in the sort records or in the level record.

The specification in error is displayed on line 4 of the display screen. Do one of the following:

- Change the field name.
- Delete the specification by pressing the DELETE command key.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0183 ONE ACCM OR LEVEL FIELD MUST BE DEFINED

Cause: Operating error.

Operator: A summary list with no detail printing was specified, but no accumulator (*ADD) or control level (*TOTAL) fields were defined.

The last DFU specification is displayed on line 4 of the display screen. You must cancel the job by pressing the EOJ (end of job) command key.

DFU-0188 ACCUMULATOR HAS VARIABLE ATTRIBUTES

Cause: Operating error.

Operator: An accumulator field does not have the same attributes (length, decimal positions, packed indication) for all record types in which it is used.

The specification in error is displayed on line 4 of the display screen. Do one of the following:

- Change the op code field to a nonaccumulator op code.
- Delete the specification by pressing the DELETE command key.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0189 FIELD NAME HAS VARIABLE ATTRIBUTES

Cause: Operating error.

Operator: In a summary list, a field name is specified that does not have the same attributes (length, decimal position, packed indication) for all record types in which it is used.

The specification in error is displayed on line 4 of the display screen. Do one of the following:

- Delete the specification in error by pressing the DELETE command key.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0201 INVALID FILE TYPE – (NOT S, P, OR D)

Cause: Operating error.

Operator: An invalid file type was entered in the fifth parameter position of the command statement. The valid file type parameters are S, P, and D. The job is terminated. Enter the corrected command statement or another statement.

Note: The valid file type parameters are:

- S — Source member
- P — Procedure member
- D — Data file

DFU-0203 FILE TO BE CREATED ALREADY EXISTS

Cause: Operating error.

Operator: A file already exists with the name specified in the first parameter of the ENTER command statement. The job is terminated. Enter the correct command statement or another statement.

-
- Option 0:** Continue the job. The possible error condition is ignored.
 - Option 1:** Retry. Retry the operation and continue the job.
 - Option 2:** Controlled cancel. Any data already created by the job is preserved.
 - Option 3:** Immediate cancel. Any data created by the job is lost.
 - Option D:** Immediate cancel with storage dump.

DFU-0205 INVALID DFU PROCESSING PARAMETER

Cause: Operating error.

Operator: An invalid entry was made in the sixth parameter position of the command statement. The valid entries are YY, YN, NY, NN, or GO. The job is terminated. Enter the correct command statement or another statement.

DFU-0206 LIBNAME NOT FOUND

Cause: Operating error.

Operator: The sixth parameter in the command statement was specified as YY, YN, or GO (indicating DFU specifications are cataloged), but no source member exists in the library with the name specified in the seventh parameter of the command statement.

The job is terminated. Enter the correct command statement or another statement.

DFU-0209 FILENAME DOESN'T EXIST

Cause: Operating error.

Operator: The filename specified in the first parameter position of the UPDATE, INQUIRY, SORT, or LIST command statement does not exist. The job is terminated. Enter the correct command statement or another statement.

DFU-0212 INVALID SORT REQUEST SPECIFIED

Cause: Operating error.

Operator: One of the following errors was in the LIST command statement:

- An invalid parameter was entered in the fourth parameter position. The fourth parameter must be either SORT or NOSORT.
- The LIST command statement specified that a source or procedure member be sorted.

The job is terminated. Enter the correct command statement or the next statement.

Note: SORT can be specified for data files, but not for source or procedure members.

DFU-0214 MISSING OR INVALID LIBNAME SPECIFIED

Cause: Operating error.

Operator: One of the following errors was detected in the command statement:

- The sixth parameter is YY, YN, NY, or GO, but the seventh parameter was not entered.
- The sixth parameter is NY and a source member already exists with the name specified in the seventh parameter position.

The job is terminated. Enter the correct command statement or another statement.

DFU-0216 RPG II SOURCE MEMBER NOT FOUND

Cause: Operating error.

Operator: The RPG II source member, the third parameter of the command statement, is not in the library.

The job is terminated. Enter the correct command statement or another statement.

DFU-0254 OUTPUT SORT FILE ALREADY EXISTS

Cause: Operating error.

Operator: The name of the output file, in the third parameter position of the SORT command statement, is the name of an existing data file. The job is terminated. Enter the corrected command statement or another statement.

Note: If the SORT command statement is used, the specified output file cannot be an existing file.

If the existing file is no longer needed, you can delete it by using the DELETE procedure. For further information about the DELETE procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

If OCL statements call the sort program, an existing file can be specified as the output file. In this case, the LOCATION and BLOCKS parameters must be specified in the // FILE statement for the output file.

DFU-0255 INVALID RPG II SOURCE NAME - REKEY

Cause: Operating error.

Operator: You were requested to enter the name of the RPG II source member describing your master file (KEY RPG II SOURCE NAME FOR ABOVE FILE). The name you specified, however, did not exist as a source member in the library. Do one of the following:

- Key in the correct source member name.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0256 INVALID MASTER FILE KEY NAME - REKEY

Cause: Operating error.

Operator: You were requested to enter the name of the field from your list file to be used as the record key field to retrieve corresponding master file records (ENTER FIELD NAME FOR MASTER FILE KEY). The name you specified, however, was not an existing field name in the list file attributes. Do one of the following:

- Key in the correct field name.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0257 FIELD ATTRIBUTES DO NOT MATCH MASTER KEY

Cause: Operating error.

Operator: You were requested to enter the name of the field from your list file to be used as the record key field to retrieve corresponding master file records (ENTER FIELD NAME FOR MASTER FILE KEY). The name you specified, however, did not have the same attributes as the key field for the master file (the lengths were different). The job is canceled.

DFU-0258 INVALID *SELECT COND (EQ, NE, GT, LT, GE, LE)

Cause: Operating error.

Operator: An invalid condition was specified when selecting records to list based on field values. This message is issued either when you are entering information from the keyboard in response to a prompt, or when DFU specifications are being diagnosed.

If the error is in an entry made from the keyboard, enter a valid select condition.

If the error is in a DFU specification, the specification in error is displayed on line 4 of the display screen.

Do the following:

- Key one of the correct select conditions in field four of the specification on line 4. The valid select conditions are displayed in parentheses in the error message.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0259 ATTRIBUTES OF *SELECT FACTORS NOT EQUAL

Cause: Operating error.

Operator: The *SELECT specification displayed on line 4 of the display screen describes a relationship between two fields. The fields, however, either do not have the same lengths, or one field is packed data and the other is unpacked data. Do one of the following:

- Change one or both of the field names (field 3 and/or field 5) so their attributes agree.
- Cancel the job by pressing the EOJ (end of job) command key.

Option 0: Continue the job. The possible error condition is ignored.

Option 1: Retry. Retry the operation and continue the job.

Option 2: Controlled cancel. Any data already created by the job is preserved.

Option 3: Immediate cancel. Any data created by the job is lost.

Option D: Immediate cancel with storage dump.

DFU-0260 INVALID FACTOR 1 FIELD NAME

Cause: Operating error.

Operator: The name specified in field 3 of the *SELECT specification on line 4 of the display screen is in error. The name must be less than 7 characters long, begin with an alphabetic character (A-Z, #, \$, @) and must exist in at least one of the record types being listed. Do one of the following:

- Key the correct name in field 3 of the specification.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0263 INVALID FACTOR 2 FIELD NAME

Cause: Operating error.

Operator: The name specified in field 5 of the *SELECT specification currently on line 4 of the display screen is in error. The name must be less than 7 characters long and begin with an alphabetic character (A-Z, #, \$, @). The name and the factor 1 field name (field 3 of the specification) must exist together in at least one of the record types being listed. Do one of the following:

- Key the correct name in field 5 of the specification.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0264 LENGTH OF SELECT FIELD IS GT 20

Cause: Operating error.

Operator: The name specified in field 3 of the *SELECT specification on line 4 of the display screen is in error. If records are selected by comparing a field to a constant value, that field cannot be greater than 20 positions long. Do one of the following:

- Key the correct field name in field 3 of the specification.
- Cancel the job by pressing the EOJ (end of job) command key.

Note: If records are selected by comparing a field to another field in the record, the fields can be up to 40 positions in length.

DFU-0265 LENGTH OF CONSTANT IS GT SELECT FIELD

Cause: Operating error.

Operator: The constant specified in fields 3 through 5 of the specification currently on line 4 of the display screen is in error. If records are selected by comparing a field to a constant value, the number of characters in the constant cannot exceed the length of the field. Do one of the following:

- Enter a new select field.
- Enter a shorter constant in fields 3 to 5 of the specification.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0266 INVALID NUMERIC CONSTANT

Cause: Operating error.

Operator: An invalid numeric constant has been specified, either in connection with a *SELECT specification or a *RESULT specification. This message is issued either when you are entering information from the keyboard or when DFU specifications are being diagnosed.

If the error is in an entry made from the keyboard, enter a valid numeric constant.

If the error is in a DFU specification, the specification in error is displayed on line 4 of the display screen. Do one of the following:

1. Key a correct numeric constant in fields 3 to 5 of the specification.

Note: A numeric constant must contain:

- a. A maximum of 1 decimal point
- b. A maximum of 15 numeric characters
- c. A maximum of 9 numeric characters after the decimal point
- d. All numeric characters other than the decimal point

If responding to a prompt for a numeric constant, a negative value is created by pressing the ENTER— key after the constant is keyed. If correcting a numeric constant, a negative value is created by keying a minus sign (–) after the last character in the constant.

2. Cancel the job by pressing the EOJ (end of job) command key.

DFU-0267 INVALID SELECT RELATIONSHIP (OR, AND)

Cause: Operating error.

Operator: An invalid relationship has been specified between the criteria by which records are selected for printing. Each selection criterion must be in an *AND* or *OR* relationship with the preceding criteria. This message is issued either when you are entering information from the keyboard, or when DFU specifications are being diagnosed. If the error is the result of an entry made from the keyboard, key *AND* or *OR* to indicate the relationship of the next select criteria. A null response terminates the prompting for record selection criteria. If the error was diagnosed in a DFU specification, the specification in error is displayed on line 4 of the display screen.

Do one of the following:

- Key either *AND* or *OR* in field 1 of the specification.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0268 MORE THAN 10 *SELECT SPECIFICATIONS

Cause: Operating error.

Operator: More than 10 conditions have been specified to select records for listing.

The extra *SELECT specification is displayed on line 4 of the display screen. Do one of the following:

- Delete the *SELECT specifications by pressing the DELETE command key.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0269 INVALID ATTRIBUTES FOR *RESULT FIELD

Cause: Operating error.

Operator: The length and decimal positions specified for the *RESULT specification are invalid.

The specification in error is displayed on line 4 of the display screen. Do one of the following:

1. Key the correct length and decimal positions in field 1 of the specification.

Note: The attributes for *RESULT field are specified in the following format:
length.decimal position

Example: 7.2

- a. The length must be from 1 to 15.
- b. A period must separate the length from the decimal positions.
- c. The decimal positions must be from 0 to 9.
- d. The decimal positions must be less than or equal to the length.

2. Cancel the job by pressing the EOJ (end of job) command key.

Option 0: Continue the job. The possible error condition is ignored.

Option 1: Retry. Retry the operation and continue the job.

Option 2: Controlled cancel. Any data already created by the job is preserved.

Option 3: Immediate cancel. Any data created by the job is lost.

Option D: Immediate cancel with storage dump.

DFU-0270 INVALID OPERATION (ADD, SUB, MULT, DIV)

Cause: Operating error.

Operator: An invalid operation has been specified to create a calculated result field. This message can be issued when you are entering information from the keyboard or when DFU specifications are being diagnosed.

If the error is the result of an entry made from the keyboard, enter a valid operation.

If the error was diagnosed in a DFU specification, the specification in error is displayed on line 4 of the display screen. Do one of the following:

1. Correct the operation code in field 1 of the specification.

Note: The valid operation codes are: ADD (add), SUB (subtract), MULT (multiply), DIV (divide).

2. Cancel the job by pressing the EOJ (end of job) command key.

DFU-0271 INVALID LENGTH FOR RESULT FIELD (1-15)

Cause: Operating error.

Operator: You have given an invalid response to the prompt for result field length [ENTER LENGTH OF RESULT FIELD (1-15)]. Enter a value from 1 to 15.

DFU-0272 INVALID DEC POS FOR RESULT FIELD (0-9)

Cause: Operating error.

Operator: You have given an invalid response to the prompt for number of decimal positions in a result field [ENTER DEC POS IN RESULT FIELD (0-9)]. Either you did not enter one of the digits 0 to 9, or the value you entered exceeded the length you specified for the result field.

Enter a correct decimal position value.

DFU-0275 MORE THAN 6 *RESULT FIELDS

Cause: Operating error.

Operator: More than six fields have been requested to be calculated result fields.

The extra *RESULT specification is displayed on line 4 of the display screen. Do one of the following:

- Delete the *RESULT specifications starting with the last factor by pressing the DELETE command key.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0276 MORE THAN 4 FACTORS IN *RESULT FIELD

Cause: Operating error.

Operator: More than four factors have been specified for a calculated result field.

The extra *RESULT factor is displayed on line 4 of the display screen. Do one of the following:

- Delete the specification by pressing the DELETE command key.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0277 SIX RESULT FLDS DEFINED - ENTER FLD NAME

Cause: Operating error.

Operator: In response to the prompt ENTER FIELD NAME, you pressed the RESULT FIELD command key to define a result field. Six result fields already exist, however, so you can not describe another one.

Enter the name of the next field to process.

DFU-0278 NULL RESPONSE INVALID - ENTER FIRST FACTOR

Cause: Operating error.

Operator: You requested a calculated result field, but gave a null response to the prompt for the first result field factor (ENTER FIRST FACTOR IN RESULT FIELD).

Enter a field name or a constant for the first factor in the result field.

DFU-0279 NULL RESPONSE INVALID - ENTER SELECT FIELD

Cause: Operating error.

Operator: You gave a null response to a prompt for a select field factor. This message occurs for the following two prompts:

- ENTER NAME OF SELECT FIELD (FACTOR 1)
- ENTER FIELD NAME (FACTOR 2 VALUE)

Enter the name of a valid field.

DFU-0280 SELECT CONSTANT TOO LONG (GT 20 CHARS)

Cause: Operating error.

Operator: You gave too long a response to the prompt for the select field constant [ENTER CONSTANT (FACTOR 2 VALUE)].

Key a shorter select field constant.

DFU-0281 MASTER FILE NAME MISSING ON LIST COMMAND

Cause: Operating error.

Operator: A list was requested; the format description for the list indicated fields were to be listed from a master file. However, no master file was indicated on the initial command statement (parameter 8).

Processing cannot continue; select option 3. Initiate the job again, this time keying the name of the list master file on the initial command statement. For example: LIST , , , , , MASTER FILE

DFU-0282 INCONSISTENT MASTER FILE RECORD LENGTH

Cause: Operating error.

Operator: The length of the records in the list master file is not equal to the master file record length specified in the format description. Select option 3; then resubmit the job specifying the name of the format description that describes the master file to be processed.

DFU-0283 INCONSISTENT MASTER FILE KEY LENGTH

Cause: Operating error.

Operator: The length of the record keys in the list master file is not equal to the master file key length specified in the format description. Select option 3; then resubmit the job specifying the name of the format description that describes the master file to be processed.

-
- Option 0:** Continue the job. The possible error condition is ignored.
 - Option 1:** Retry. Retry the operation and continue the job.
 - Option 2:** Controlled cancel. Any data already created by the job is preserved.
 - Option 3:** Immediate cancel. Any data created by the job is lost.
 - Option D:** Immediate cancel with storage dump.

DFU-0284 INCONSISTENT MASTER FILE KEY LOCATION

Cause: Operating error.

Operator: The record keys in the list master file are not in the location specified for the master file in the format description. Select option 3; then resubmit the job specifying the name of the format description that describes the master file to be processed.

DFU-0285 MISSING FACTOR 2 OR CONSTANT FIELD

Cause: Operating error.

Operator: The *SELECT specification displayed on line 4 of the display screen indicates that the select field is to be compared to a constant. The following specification, however, does not contain a constant value. Do one of the following:

- Key in a field name in field 5 of the specification.
- Press the ADD command key and key in a constant in fields 3 to 5 of the new specification.
- Delete the *SELECT specification by pressing the DELETE command key.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0286 *RESULT INVALID WITH FUNCTION

Cause: Operating error.

Operator: DFU specifications indicating a calculated result field are present, but the list function is not being executed. Do one of the following:

- Delete the *RESULT specifications by pressing the DELETE command key.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0287 NO OPERATIONS FOR *RESULT

Cause: Operating error.

Operator: An *RESULT specification is present with no specifications following it that describe the factors in the result field. Do one of the following:

- Delete the specification by pressing the DELETE command key.
- Add the necessary factors by pressing the ADD command key and keying in desired data. To key in factors, key the operation in field 1 (ADD, SUB, MULT, or DIV) and the field or constant beginning in field 3.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0289 PERMANENT DISK ERROR IN MASTER FILE

Cause: Disk error.

Operator: A disk error occurred. Select option 3.

Note: A disk error occurred while the system tried to access the list master file. Run the BUILD procedure before rerunning this job. For further information about the BUILD procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

DFU-0290 MASTER FILENAME DOESN'T EXIST

Cause: Operating error.

Operator: The master file named on the LIST command statement (parameter 8) does not exist. The job is terminated. Enter the correct command statement or another statement.

DFU-0291 RESULT FIELD OPERAND IS GT 15 POSITIONS

Cause: Operating error.

Operator: The result field operand currently on line 4 of the display screen exceeds 15 positions. Do one of the following:

- Key a different field name in field 3 of the specification.
- Cancel the job by pressing the EOJ (end of job) command key.

DFU-0307 RECORD EXISTS - PRESS UPDATE CMD KEY

Cause: Operating error.

Operator: The record key you entered already exists in the file. Enter a different record key or press the UPDATE command key to update the record.

DFU-0308 INVALID FORMAT DESCRIPTION NAME

Cause: Operating error.

Operator: The name specified in the second parameter position of the DFU command statement is in error. The name must begin with an alphabetic character (A-Z, #, \$, @). Rerun the job after correcting the format description name.

DFU-0309 INVALID SOURCE MEMBER NAME

Cause: Operating error.

Operator: The name specified in the seventh parameter position of the DFU command statement is in error. The name must begin with an alphabetic character (A-Z, #, \$, @). Rerun the job after correcting the source member name.

DFU-0312 RECORD NOT IN FILE - PRESS ADD COMMAND KEY

Cause: Operating error.

Operator: The record key you entered does not appear in any record in this file. Enter a different record key or press the ADD command key to add a record to the file.

-
- Option 0:** Continue the job. The possible error condition is ignored.
Option 1: Retry. Retry the operation and continue the job.
Option 2: Controlled cancel. Any data already created by the job is preserved.
Option 3: Immediate cancel. Any data created by the job is lost.
Option D: Immediate cancel with storage dump.

Section 6. SEU Displayed Messages

This section contains displayed messages issued from the Source Entry Utility (SEU) program. All message codes in this section have the prefix SEU—.

SEU programmer messages are in the *IBM System/32 Utilities Program Product Reference Manual—Source Entry Utility*, SC21-7605.

An SEU specification error message is displayed on the display screen when an error is found while an SEU job is being run. An operator response is required.

Each message description in this section lists the probable cause of the message; provides operator information indicating possible operating errors and the correct response; and, where necessary, provides an additional note that further identifies the error and describes how to avoid its recurrence.

SEU-0201 MEMBER NAME NOT GIVEN--CANCEL

Cause: Operating error.

Operator: ENTER was pressed without entering any information when a member name was requested. Enter the corrected command statement or another statement.

SEU-0204 INVALID MEMBER TYPE--CANCEL

Cause: Operating error.

Operator: A command statement parameter is incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: The member type specified in the second parameter of the SEU command is invalid. The correct member type parameters are:

- A — RPG II auto report specifications
- F — Format descriptions
- P — Procedures (OCL statements)
- R — RPG II specifications
- S — Source statements (other than RPG II)

SEU-0207 FORMAT MEMBER NOT IN LIBRARY--CANCEL

Cause: Operating error.

Operator: A command statement parameter is incorrect. The command statement that caused the error is ignored. Enter the correct command statement or another statement.

Note: The member specified as a format description member in the SEU command statement does not exist.

-
- Option 0:** Continue the job. The possible error condition is ignored.
 - Option 3:** Immediate cancel.
 - Option D:** Immediate cancel with storage dump.

SEU-0301 INVALID SEU CONTROL STATEMENT--CANCEL

Cause: Operating error.

Operator: The statement just entered is invalid.
Select option 3.

Note: A statement was entered that was not a valid
SEU command statement or a valid end statement.

SEU-0302 REQUIRED ROUTINE NOT IN LIBRARY--CANCEL

Cause: Operating or system programming error.

Operator: A routine that is necessary for executing
SEU is not in the library. Select option 3.

Note: The name of the missing routine is printed. Install
SEU from diskette; then rerun the job. If the error
persists, notify IBM for program support services. For
information about installation of program products,
see *Program Product Installation and Verification* in
the *IBM System/32 System Control Programming
Reference Manual*, GC21-7593.

SEU-0303 RPG FORMAT MEMBER NOT IN LIBRARY--CANCEL

Cause: Operating or system programming error.

Operator: The RPG II format description member is
not in the library. Select option 3.

Note: The member type specified in the SEU command
statement is A (auto report) or R (RPG II), but the
RPG II format description member (#SEURPGF) is
not in the library. Install SEU from diskette; then
rerun the job. If the error persists, notify IBM for
program support services. For information about
installation of program products, see *Program Pro-
duct Installation and Verification* in the *IBM
System/32 System Control Programming Reference
Manual*, GC21-7593.

SEU-0305 MEMBER HAS OVER 9999 STATEMENTS--CANCEL

Cause: Operating error.

Operator: SEU cannot process a member that contains
more than 9999 statements. Select option 3.

SEU-0306 NOT ENOUGH LIBRARY SPACE--CANCEL

Cause: Operating error.

Operator: There is not enough space in the library to
hold the new member or the replacement member
you are signing on. Select option 3.

Note: Make space available in the library by doing one
of the following:

- If space between the library members exists,
use the CONDENSE procedure to make all
unused space available. If no space exists
between library members, delete unnecessary
library members. To delete members, first use
the FROMLIBR procedure to save the members,
then use the REMOVE procedure to delete them,
and use the CONDENSE procedure to make
the freed library space available.
- To increase the size of the library, enter a //
ALLOCATE statement. If disk space is not
available to increase the library size, first use
the \$FREE utility to collect available disk
space at the end of #LIBRARY. Then enter a
// ALLOCATE statement to increase the size
of the library.
- Run the BACKUP and RELOAD procedures;
the space allocated for the library can be changed
when you run the RELOAD procedure.

For information about the \$FREE utility or the
// ALLOCATE statement (\$MAINT utility), see the
*IBM System/32 System Control Programming
Reference Manual*, GC21-7593. For information
about procedures, see the appropriate section of that
manual.

SEU-0307 NOT ENOUGH DISK WORK AREA SPACE--CANCEL

Cause: Operating error.

Operator: There is not enough space available on the disk for the SEU work area. (The work area is a scratch file.) Select option 3.

Note: You must make more space available for the required work area by reorganizing the disk, or by deleting any unnecessary files. You should do a CATALOG ALL,F1 to find the space available and obtain a list of files on the disk.

The maximum disk space SEU allocates is 540 blocks; the minimum is 2 blocks. (A block is 10 consecutive sectors on disk.) Determine the number of blocks you need to process the member by calculating the following:

$$\text{No. of blocks} = \frac{\text{No. of statements to be processed}}{18} + 1$$

The number of statements to be processed is the number of statements already in the member, plus all the statements that are to be entered, deleted, moved, or included. (Statements to be updated are counted as statements already in the member.)

When you have determined the number of blocks needed, compare this number with the total number of available blocks printed with the message AVAILABLE SPACE ON PACK via the CATALOG procedure. If the total number of available blocks is equal to or greater than the amount you calculated, use the COMPRESS procedure to reorganize the disk. If the total number of available blocks is still less than you need, use the SAVE procedure to save copies of the files you have to delete. You should delete enough files so that the total number of blocks available is equal to or greater than the number of blocks you need to process the member. Now use the DELETE procedure to delete the files, and then use the COMPRESS procedure to reorganize the disk.

For additional information about these procedures, see *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

SEU-0308 RPG FORMAT DESCRIPTION INVALID--CANCEL

Cause: Operating error.

Operator: One or more of the RPG II format descriptions are invalid. Select option 3.

Note: When format descriptions are created or maintained without using an SEU format run and there is an error in one or more of the format descriptions, this message will occur. Before the job can be run successfully, an SEU format description run must be done to correct the invalid RPG II format description(s) in #SEURPGF.

SEU-0309 STMT LENGTHS DON'T MATCH--DATA LOSS

Cause: Operating error.

Operator: The length of the statements in the member you are using does not match the length specified. Select option 0 and the statement length you specified will be used. Otherwise, select option 3 to cancel the job.

Note: The statement length specified does not match the statement length in the member. If option 0 is selected, the member's statement length is updated when the member is replaced in the library, and all statements in the member are truncated to the new statement length.

Option 0: Continue the job. The possible error condition is ignored.

Option 3: Immediate cancel.

Option D: Immediate cancel with storage dump.

SEU-0310 USER FORMAT DESCRIPTION INVALID--CANCEL

Cause: Operating error.

Operator: One or more of the format descriptions is invalid. Select option 3.

Note: When format descriptions are created or maintained without using an SEU format run and there is an error in one or more of the format descriptions, this message will occur. Before the job can be run successfully, an SEU format description run must be done to correct the invalid RPG II format description(s) in #SEURPGF.

SEU-0311 STMT LENGTHS DON'T MATCH RPG II FORMATS

Cause: Operating error.

Operator: Select option 3.

Note: One of the following errors was detected:

- The RPG II auto report statements being processed are not the length specified in the format descriptions (format descriptions are in the RPG II format description member, #SEURPGF).
- The format descriptions are not all the same length. This can happen if the RPG II format description member (#SEURPGF) is maintained without using SEU.

Before the job can be run successfully, an SEU format description run must be done to correct the invalid RPG II format description(s) in #SEURPGF.

SEU-0312 STMT LENGTHS DON'T MATCH USER FORMATS

Cause: Operating error.

Operator: Select option 3.

Note: One of the following errors was detected:

- The statements being processed are not the length specified in the format descriptions.
- The format descriptions are not all the same length. This can happen if the format description member is maintained without using SEU.

Before the job can be run successfully, an SEU format description run must be done to correct the invalid RPG II format description(s) in #SEURPGF.

SEU-0313 STMT LENGTH INVALID--ASSUME DEFAULT?

Cause: Operating error.

Operator: The length specified in the statement length parameter is not valid for the type of member you are processing. Select option 0, and SEU will assume the default statement length for the type of member being processed. Otherwise, select option 3.

Note: The default statement lengths for each type of member are:

File Type	Statement Length
Auto Report (A)	96
RPG II (R)	96
Source (S)	96
Procedure (P)	120
Format description (F)	120

SEU-0315 STMT LENGTHS DON'T MATCH--NO DATA LOSS

Cause: Operating error.

Operator: The length of the statement in the member you are using does not match the length specified. Select option 0 and the statement length you specified will be used. Otherwise, select option 3 to cancel the job.

Note: The statement length specified does not match the statement length in the member. If option 0 is selected, the member's statement length is updated when the member is replaced in the library, and all the statements in the member are padded with blanks to the new statement length.

SEU-0501 SELECTED FORMAT TYPE IS INVALID

Cause: Operating error.

Operator: The format description type you specified during a select format operation is not valid. Press ERROR RESET; then enter a valid format description type.

Note: For user format descriptions, the format description type is the relative number of the format description in the member. Therefore, it must not exceed the number of format descriptions in the member. The valid format description types for each type of member are:

Format Member	Format Description Type
RPG II and Auto Report	U,F,I,J,C,O,P,K,E,L,H,T
Free Form	0 (zero)
User	1,2,3,4,5,6,7,8,9
Assembler, FORTRAN IV and 1255 magnetic character reader	1,2,3,4

SEU-0502 INVALID STATEMENT NUMBER--RE-ENTER

Cause: Operating error.

Operator: You responded to a prompt by entering a number that is not valid for the operation being performed. Press ERROR RESET; then enter a valid statement number.

Note: Some reasons why a statement number may be invalid are:

- The statement number is too large.
- The statement number contains an invalid character. Valid characters are 0 through 9 and the decimal point (.)
- The statement number contains more than two decimal positions.
- The statement number contains more than four integer positions.

SEU-0503 STATEMENT NUMBER NOT IN MEMBER

Cause: Operating error.

Operator: The statement number you entered is not in the member. Press ERROR RESET; then enter the correct statement number or the next statement number to be processed.

-
- Option 0:** Continue the job. The possible error condition is ignored.
Option 3: Immediate cancel.
Option D: Immediate cancel with storage dump.

SEU-0504 DELETING STMT GREATER THAN ENDING STMT

Cause: Operating error.

Operator: You are trying to delete multiple statements from a member, but the statement number you entered in response to DELETING STATEMENT NUMBER is greater than the statement number you entered in response to ENDING STATEMENT NUMBER. Press ERROR RESET.

Note: If you want to enter a different response to DELETING STATEMENT NUMBER, press the DELETE command key. Otherwise, respond to the ENDING STATEMENT NUMBER prompt by entering a statement number that is greater than or equal to the statement number you entered in response to DELETING STATEMENT NUMBER.

SEU-0505 MOVING TO STMT LOC NOT EMPTY--REENTER

Cause: Operating error.

Operator: A statement already exists with the statement number you specified in response to MOVING TO STATEMENT NUMBER. Press ERROR RESET; then enter a statement number that does not exist in the member being processed.

SEU-0506 MOVING FROM GREATER THAN ENDING STMT NO.

Cause: Operating error.

Operator: You are trying to move multiple statements, but the statement number you entered in response to MOVING FROM STATEMENT NUMBER is larger than the statement number you entered in response to ENDING STATEMENT NUMBER. Press ERROR RESET.

Note: To enter a different response to MOVING FROM STATEMENT NUMBER, press the MOVE command key. Otherwise, respond to the ENDING STATEMENT NUMBER prompt by entering a statement number that is greater than or equal to the statement number entered in response to MOVING FROM STATEMENT NUMBER.

SEU-0507 NOT ENOUGH SPACE TO COMPLETE MOVE

Cause: Operating error.

Operator: Multiple statements are being moved, but the area to which they are being moved is not large enough for the number of statements. Press ERROR RESET; then respond to ENDING STATEMENT NUMBER by entering a smaller number.

Note: If you must move more statements than there is space for, enlarge the space into which the statements are being moved.

The following example shows how to insert more than 99 statements between two existing statements in a member:

Existing Statement Numbers

0213.00
0214.00
0215.00
0216.00

You want to insert (by entering, moving, or including) 150 statements after statement number 0214.00. Select move mode and move 0214.00 to 0213.01 by answering the prompts as follows:

MOVING TO STATEMENT NUMBER:
0213.01 (ENTER)

MOVING FROM STATEMENT NUMBER:
0214.00 (ENTER)
(REC ADV)

Statement numbers now are:

0213.00
0213.01
0215.00
0216.00

A total of 198 statements can now be inserted after statement number 0213.01.

SEU-0508 END OF MEMBER REACHED ON UPDATE

Cause: Operating error.

Operator: The end of the member you are updating was reached. Press ERROR RESET; then respond to ENTER/UPDATE STATEMENT NUMBER.

SEU-0509 NEXT STMT TO BE ENTERED ALREADY EXISTS

Cause: Operating error.

Operator: A statement already exists with the statement number you are trying to enter. Press ERROR RESET; then respond to ENTER/UPDATE STATEMENT NUMBER.

SEU-0510 INVALID INCLUDE MEMBER NAME

Cause: Operating error.

Operator: The response to INCLUDE MEMBER NAME is invalid. Press ERROR RESET; then enter a valid response to INCLUDE MEMBER NAME.

Note: If the member is a procedure member, your response must in the form:

procedure member name,P

For all other member types, enter only the member name.

SEU-0511 INCLUDE MEMBER NOT IN LIBRARY

Cause: Operating error.

Operator: The member name specified in response to INCLUDE MEMBER NAME is not in the library. Press ERROR RESET; then enter the member name (and type, if it is a procedure member) in response to INCLUDE MEMBER NAME.

SEU-0512 INCLUDE--STATEMENT LENGTHS DON'T MATCH

Cause: Operating error.

Operator: The length of the statements in the member from which you are including statements is not the same as the statement length you specified for the member you are processing. Press ERROR RESET; then continue processing.

Note: Processing can be continued in one of two ways:

1. Continue the include process. SEU uses the statement length specified for the member being processed. The included statements are either padded with blanks or truncated.
2. Press one of the four mode-of-operation command keys (ENTER/UPDATE, DELETE, MOVE, or INCLUDE). If you press the INCLUDE command key, a new include operation will begin.

SEU-0513 INCLUDING AT STMT LOC NOT EMPTY-REENTER

Cause: Operating error.

Operator: A statement already exists with the statement number you specified in response to INCLUDING AT STATEMENT NUMBER. Press ERROR RESET; then enter a statement number that does not exist in the member being processed.

Option 0: Continue the job. The possible error condition is ignored.
Option 3: Immediate cancel.
Option D: Immediate cancel with storage dump.

SEU-0514 NOT ENOUGH SPACE TO COMPLETE INCLUDE

Cause: Operating error.

Operator: Multiple statements are being included, but either the area in which they are being included is not large enough for all the statements, or including the statements will cause the total number of statements to exceed 9,999. Press ERROR RESET; then respond to ENDING STATEMENT NUMBER by entering a smaller number.

Note: If you must include more statements than there is space for, enlarge the space into which the statements are being included. See SEU-0507 for an example that shows how to insert more than 99 statements between two existing statements in a member.

SEU-0515 INCLUDING FROM GREATER THAN ENDING STMT

Cause: Operating error.

Operator: You are trying to include multiple statements but the statement number entered in response to INCLUDING FROM STATEMENT NUMBER is greater than the statement number entered in response to ENDING STATEMENT NUMBER. Press ERROR RESET.

Note: To enter a different response to INCLUDING FROM STATEMENT NUMBER, press the INCLUDE command key and start the include process over. Otherwise, respond to ENDING STATEMENT NUMBER by entering a statement number that is greater than or equal to the statement number you entered in response to INCLUDING FROM STATEMENT NUMBER.

SEU-0516 STMT NO. NOT FOUND IN INCLUDE MEMBER

Cause: Operating error.

Operator: The statement number entered in response to INCLUDING FROM STATEMENT NUMBER or ENDING STATEMENT NUMBER does not exist in the member that you are including statements from. Press ERROR RESET; then make sure that the statement numbers you enter in response to INCLUDING STATEMENT NUMBER and ENDING STATEMENT NUMBER exist in the member that you are including statements from.

SEU-0517 FORMAT DESCRIPTION--INVALID FIELD LENGTH

Cause: Operating error.

Operator: The field length specified in a format description is not a valid length for the type of field being defined. Press ERROR RESET; then correct the incorrect field definitions or define a valid field length.

Note: If a field is numeric, it cannot be more than 15 positions long.

SEU-0518 FORMAT DESC--TOO MANY CONSTANT CHARS

Cause: Operating error.

Operator: More than 15 constant characters were specified in the format description. Press ERROR RESET; then respecify the format description.

Note: 15 is the maximum number of constant characters allowed in one format description.

**SEU-0519 INVALID FIELD DEF OR
CONTINUE CHAR**

Cause: Operating error.

Operator: A character in the format description is neither one of the valid field definition characters, N, A, D, U, B, K, J, or X; nor the valid field continuation character (.). Press ERROR RESET; then correct the invalid character.

**SEU-0520 FORMAT LENGTH LESS THAN 40
CHARS**

Cause: Operating error.

Operator: A format description containing fewer than 40 characters was specified. Press ERROR RESET; then respecify the format description.

Note: A format description containing fewer than 40 characters can be caused by:

- Entering a format description of less than 40 characters.
- Entering a format description that contains a blank (a blank indicates the end of the format description).

**SEU-0521 FORMAT DESC WITH CONSTANT
CHARS TOO LONG**

Cause: Operating error.

Operator: A format description that contains the field definition character of X, indicating constant characters, was specified; but the statement is longer than 96 characters. Press ERROR RESET; then respecify the format description.

Note: The constant characters must start in position 98. Make sure that the description does not exceed 96 characters, and that no field definition character of X is in the format description.

**SEU-0522 STMTS DEFINED ARE NOT THE
SAME LENGTH**

Cause: Operating error.

Operator: The format description lengths are not equal. Press ERROR RESET; then respecify the format descriptions so they are the same length.

Note: This message is issued at the end of a format description run. Remember, a blank indicates the end of a format description.

**SEU-0524 SERIAL START POSITION IS
INVALID**

Cause: Operating error.

Operator: This error occurs when:

- The value entered in response to SERIAL START POSITION is not valid. Press ERROR RESET; then enter a start position that is within the statement but not one of the last three positions in the statement.
- A null response was given to SERIAL START POSITION, and SEU is processing a member type that is not R or A. Press ERROR RESET; then enter a start position that is within the statement but not one of the last three positions in the statement.

Option 0: Continue the job. The possible error condition is ignored.
Option 3: Immediate cancel.
Option D: Immediate cancel with storage dump.

SEU-0525 STATEMENT ACCEPTED--NO ERROR FOUND

Cause: This is an informational message.

Operator: Press ERROR RESET to continue.

Note: In response to an error message that indicated an incorrect RPG II or auto report statement, you corrected the error and pressed the ACCEPT WITH ERROR command key. The statement was checked again, and found to be correct. The corrected statement was accepted.

SEU-0527 INVALID NUMBER OF FORMATS IN MEMBER

Cause: Operating or programming error.

Operator: This message occurs if there are more than nine format descriptions in the user format member, or there are not twelve format descriptions in the RPG II and auto report format member (#SEURPGF).

Select option 3 if this message appears when you initialize a job that uses format descriptions. Otherwise, if the message appears at the end of a format description run, press ERROR RESET; then enter the correct number of format descriptions in the format member.

Note: If the message appears when a job is initialized, you must correct the format description member before this job can be run.

SEU-0528 WORK AREA NOW FILLED

Cause: Programming error.

Operator: This message appears when SEU determines that no more statements can be processed without exceeding the limits of the disk space allocated by SEU at sign on. The allocated work area is a scratch file. Press ERROR RESET; then select any of the displayed options 1 through 4 (or 1 and 2 if the member type is F).

Note: See the *Note* to SEU-0307, which also applies here.

SEU-0529 LIBRARY NOW FILLED

Cause: Programming error.

Operator: This message appears when SEU determines that the number of statements in the member (entered, included, and already in the member) is the maximum that can be placed back in the library. Press ERROR RESET; then select any of the displayed options 1 through 4 (or 1 and 2 if the member is F).

Note: Make space available in the library by doing one of the following:

- If space between the library members exists, use the CONDENSE procedure to make all unused space available. If no space exists between library members, delete unnecessary library members. To delete members, first use the FROMLIBR procedure to save the members, then use the REMOVE procedure to delete them, and use the CONDENSE procedure to make the freed library space available.
- To increase the size of the library, enter a // ALLOCATE statement. If disk space is not available to increase the library size, first use the \$FREE utility to collect available disk space at the end of #LIBRARY. Then enter a // ALLOCATE statement to increase the size of the library.
- Run the BACKUP and RELOAD procedures; the space allocated for the library can be changed when you run the RELOAD procedure.

For information about the \$FREE utility or the // ALLOCATE statement (\$MAINT utility), see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593. For information about procedures, see the appropriate section of that manual.

SEU-0530 TO LOCATION INSIDE OF GROUP BEING MOVED

Cause: Operating error.

Operator: The statement number entered in response to MOVING TO STATEMENT NUMBER is within the group of statements being moved. Press ERROR RESET.

Note: To enter a different response to MOVING TO STATEMENT NUMBER or MOVING FROM STATEMENT NUMBER, press the MOVE command key and start the move process over. Otherwise, respond to the ENDING STATEMENT NUMBER prompt by entering a statement number that will put the response to MOVING TO STATEMENT NUMBER outside of the group being moved.

SEU-0531 9999 STMTS IN MEMBER--STMT IGNORED

Cause: Operating error.

Operator: You are trying to enter or include a statement in a member, but that statement would exceed the 9999 statements allowed. Press ERROR RESET; then continue with any processing for the member except adding or including statements.

Note: If the print option is on or if the ACCEPT WITH ERROR COMMAND KEY was pressed, SEU prints the statement. The statement is not added to the member.

SEU-0532 INVALID CHAR IN NUMERIC FIELD

Cause: Operating error.

Operator: You entered an invalid character or an embedded blank in a numeric field. Press ERROR RESET; then reenter the field.

Note: Valid characters for numeric fields are:

Field Type	Valid Characters
Signed numeric (N and D)	0 through 9
Unsigned numeric (J)	0 through 9, and blank

SEU-0533 INCLUDE MEMBER GREATER THAN ALLOWED

Cause: Operating error.

Operator: You are including statements from an include member that contains more than 9999 statements. Press ERROR RESET; then respond to INCLUDE MEMBER NAME.

Note: When the ten-thousandth statement is read, the include operation is automatically canceled.

SEU-0570 INVALID RESPONSE--MUST BE Y, N, OR BLANK

Cause: Operating error.

Operator: Your response to the prompt PROGRAM NAME DUPLICATION IS DESIRED was not Y, N, or blank (N is assumed if blank). Press ERROR RESET; then enter a valid response.

-
- Option 0: Continue the job. The possible error condition is ignored.
Option 3: Immediate cancel.
Option D: Immediate cancel with storage dump.

This section contains displayed messages from the Basic Assembler and Macro Processor program. All messages in this section have the prefix ASM—.

Printed messages from the Basic Assembler and Macro Processor program are documented in the *IBM System/32 Basic Assembler and Macro Processor Reference Manual*, SC21-7673.

ASM—4300 I/O ERROR DURING READ OF \$SOURCE

Cause: System programming error.

Operator: Select option 3; then rerun the job. If the error persists, call your IBM customer engineer.

ASM—4301 I/O ERROR DURING WRITE OF \$ASMINPT

Cause: Disk error.

Operator: Select option 3; then rerun the job. If the error persists, assign alternate tracks by running the \$BUILD utility. For information about the \$BUILD utility, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593. If the error still persists, call your IBM customer engineer.

ASM—4302 \$ASMINPT FILE NOT LARGE ENOUGH

Cause: Operating or programming error.

Operator: If you are running a procedure, this message indicates a programming error. Select option 3.

If you are entering OCL statements from the keyboard, a // FILE statement is incorrect. Select option 3.

Note: The required block size for the \$ASMINPT file is greater than the amount of space allocated on disk for the file. Allocate more space by increasing the value of the RECORDS or BLOCKS parameter in the // FILE statement. For information about the // FILE statement see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

If you are using the ASM procedure, increase the number of blocks in the size parameter (default value is 45). For further information about the ASM procedure, see the *IBM System/32 Basic Assembler and Macro Processor Reference Manual*, SC21-7673.

-
- Option 0:** Continue processing.
 - Option 2:** Controlled cancel (closes files).
 - Option 3:** Immediate cancel.

ASM-4303 A PROCESSING MODULE IS MISSING

Cause: System programming error.

Operator: Select option 3 to cancel the job. Then reload the basic assembler program. If the error persists, contact your IBM customer engineer.

Note: One or more of the following modules are missing from the system:

```
#MPXDV  
#MPXP1  
#MPXP2  
#MPXP3  
#MPXP4  
#ASSEM
```

ASM-4325 OBJECT FILE SPACE IS TOO SMALL

Cause: Programming error.

Operator: The object file space is too small. Select option 3.

Note: To increase the space specification parameter on the \$WORK file statement, see the *IBM System/32 Basic Assembler and Macro Processor Reference Manual*, SC21-7673.

ASM-4326 END OF FILE FOUND ON SOURCE FILE

Cause: Machine error.

Operator: An end of file was encountered on the source file. Select option 3 and call your IBM customer engineer.

ASM-4327 WORK FILE SPACE IS TOO SMALL

Cause: Programming error.

Operator: The work file space is too small. Select option 3.

Note: To increase the space specification parameter on the \$WORK2 file statement, see the *IBM System/32 Basic Assembler and Macro Processor Reference Manual*, SC21-7673.

ASM-4328 OBJ REQUESTED - SYNTAX ERRORS PRESENT

Cause: Programming error.

Operator: OBJ was specified in the assembler option, but one or more assembler syntax errors were diagnosed. Do one of the following:

- Select option 0; the object program will be written in the library.
- Select option 3 to cancel the assembly.

ASM-4329 SOURCE PGM EXCEEDS MAX SIZE ALLOWED

Cause: Programming error.

Operator: Select option 3 to cancel the job.

Note: More than 32,767 source statements cannot be placed in the \$SOURCE file. For more information on space restrictions, see the *IBM System/32 Basic Assembler and Macro Processor Reference Manual*, SC21-7673.

Section 8. FORTRAN IV Displayed Messages

This section contains displayed messages from the FORTRAN IV program. All messages in this section have the prefix FORT-.

Printed messages from the FORTRAN IV program are documented in the *IBM System/32 FORTRAN IV Reference Manual*, SC21-7682.

FORT-4101 SET SWITCHES FOR DUMP AFTER PHASE

Cause: This is the first of a series of displays related to debugging of a FORTRAN IV program. See compiler debugging capability in *IBM System/32 FORTRAN IV Logic Manual*, LY21-0568.

Note: If you do not want dumps taken while compiling this FORTRAN IV program, set the address/data switch to something other than CEFE and select option 3.

FORT-4151 PROGRAM EXCEEDS AVAILABLE MAIN STORAGE

Cause: Programming error.

Operator: The source program has too many statements for the compile process to complete. Select option 2 or 3.

Note: Reduce the size to the program by subdividing it into subprograms, by eliminating unnecessary parts of the program, or by increasing the program partition size.

FORT-4152 NOT ENOUGH MAIN STORAGE

Cause: Programming error.

Operator: The generated program is too large for main storage. Select option 2 or 3.

Note: Reduce the size of the program by subdividing it into subprograms, by eliminating unnecessary parts of the program, or by increasing the program partition size.

FORT-4153 PHASE COULD NOT BE FOUND

Cause: System programming error.

Operator: One of the compiler phases is missing from the system library. Select option 2 or 3.

FORT-4154 \$WORK IS FULL

Cause: Programming error.

Operator: The compiler has run out of space on the \$WORK file while writing the object program. Select option 2 or 3.

FORT-4360 A FORTRAN STOP HAS BEEN EXECUTED

Cause: Informational message.

Operator: Select option 0 for normal termination, option 2 for a controlled cancel, or option 3 for an immediate cancel.

-
- Option 0:** Continue the job.
 - Option 2:** Controlled cancel.
 - Option 3:** Immediate cancel.

FORT-4361 A FORTRAN PAUSE HAS BEEN EXECUTED

Cause: Informational message.

Operator: Select option 0, 2 or 3.

FORT-4362 CARD READER END OF FILE HAS OCCURRED

Cause: Programming error.

Operator: An end-of-file was detected for the data recorder attachment. Select option 2 or 3.

FORT-4363 INVALID FORTRAN SUBPROGRAM I/O OPERATION

Cause: Programming error.

Operator: A FORTRAN subprogram requires I/O operations; however, it has not been called by a FORTRAN main program. Select option 2 or 3.

FORT-4364 UNIT NUMBER IS NOT IN UNIT TABLE

Cause: Programming error.

Operator: There is no match for a unit number in the unit table, or there are no entries in the table. Select option 2 or 3.

FORT-4365 DUMP/PDUMP PARMs INCORRECT OR MISSING

Cause: Programming error.

Operator: The CALL DUMP or CALL PDUMP statement parameter list is incorrect or missing. Select option 2 or 3.

FORT-4366 NOPRINTER STATEMENT WAS SPECIFIED

Cause: Programming error.

Operator: An attempt was made to execute a statement requiring output, and the printer is not available. The // NOPRINTER statement was specified.

FORT-4367 CALL DATSW VALUE OTHER THAN 0 TO 15

Cause: Programming error.

Operator: The CALL DATSW statement specifies a value other than 0 to 15 to indicate the binary switch to test. Select option 2 or 3.

FORT-4368 CALL SLITET VALUE OTHER THAN 1 TO 4

Cause: Programming error.

Operator: The CALL SLITET statement specifies a value other than 1, 2, 3, or 4 to indicate the sense light to test. Select option 2 or 3.

FORT-4369 CALL SLITE VALUE OTHER THAN 0 TO 4

Cause: Programming error.

Operator: The CALL SLITE statement specifies a value other than 0, 1, 2, 3, or 4. Select option 2 or 3.

FORT-4370 INVOKED PROGRAM NAME CANNOT BE FOUND

Cause: Programming error.

Operator: The program named in an INVOKE statement could not be loaded because it could not be found in the system library. Select option 2 or 3.

FORT-4371 RECORD IS TOO SHORT FOR UNFORMATTED READ

Cause: Programming error.

Operator: A logical record is not long enough for an unformatted READ statement. Select option 2 or 3.

FORT-4372 INVALID SEQUENTIAL DISK FILE REQUEST

Cause: Programming error.

Operator: One of the following invalid requests has been made for a sequential disk file:

- A READ request following a WRITE or ENDFILE.
- A WRITE request following an ENDFILE.
- An ENDFILE following an ENDFILE.

Select option 2 or 3.

FORT-4373 DISK I/O ERROR WHILE PROCESSING REQUEST

Cause: Machine error.

Operator: One of the following errors has occurred during the processing of a sequential disk file request:

- An I/O error has occurred while processing a READ request and no error-handling routine is specified in the READ statement.
- An I/O error has occurred during a WRITE or file positioning.
- A wrong-length-record error has occurred during a READ.

Select option 2 or 3.

FORT-4374 NO ROUTINE SPECIFIED TO HANDLE EOF

Cause: Programming error.

Operator: End-of-file has occurred and the FORTRAN I/O statement does not specify a routine to handle the condition. Select option 2 or 3.

FORT-4375 FORMATTED I/O FOR VARIABLE LENGTH RECORD

Cause: Programming error.

Operator: Formatted I/O is requested for a file created via unformatted output. Select option 2 or 3.

FORT-4376 UNFORMATTED I/O FOR FIXED LENGTH RECORD

Cause: Programming error.

Operator: Unformatted I/O is requested for a file created via formatted output. Select option 2 or 3.

FORT-4377 INVALID READER OPERATION REQUESTED

Cause: Programming error.

Operator: An attempt has been made to use the input device without defining it with a device OPTIONS statement at compile time. Select option 2 or 3.

Option 0: Continue the job.

Option 2: Controled cancel.

Option 3: Immediate cancel.

FORT-4378 INVALID CARD READ/PUNCH OPERATION

Cause: Programming error.

Operator: One of the following invalid operations has been specified for the 5496 or 129 data recorder.

- An attempt has been made to write after reading.
- An attempt has been made to read after writing.

Select option 2 or 3.

FORT-4379 INVALID FORTRAN I/O ATTEMPTED

Cause: Programming error.

Operator: An attempt has been made to use FORTRAN I/O after using a commercial subroutine. Select option 2 or 3.

FORT-4380 INVALID PRINTER OPERATION SPECIFIED

Cause: Programming error.

Operator: The operation specified for the printer is not a write operation. Select option 2 or 3.

FORT-4381 INVALID CRT/KEYBOARD OPERATION SPECIFIED

Cause: Programming error.

Operator: An invalid operation has been specified for the keyboard or display screen. Select option 2 or 3.

FORT-4382 READ REQUEST FOR A DATA SET NOT ON DISK

Cause: Programming error.

Operator: A READ request has been made for a direct access data set that does not exist. Select option 2 or 3.

FORT-4383 INVALID RECORD POSITION IN A DATA SET

Cause: Programming error.

Operator: The relative position of the record either is zero or exceeds the number of records in a direct access data set. Select option 2 or 3.

FORT-4384 INVALID UNFORMATTED I/O LIST VARIABLE

Cause: Programming error.

Operator: An unformatted I/O request was made to a direct access file, where a list variable is larger than the record size. Select option 2 or 3.

FORT-4385 INVALID LIST DIRECTED INPUT REPEAT COUNT

Cause: Programming error.

Operator: An invalid repeat count was specified in list-directed input. Select option 2 or 3.

FORT-4386 READ/WRITE RECORD LENGTH INVALID

Cause: Programming error.

Operator: An attempt was made to either read or write a record (under format control) that exceeds the buffer length or read more characters than a record contains. Select option 2 or 3.

FORT-4388 CRT-KEYBOARD END OF FILE

Cause: Programming or operator error.

Operator: An unexpected end-of-file has been detected for the keyboard. Select option 2 or 3.

FORT-4393 SYSIN END OF FILE

Cause: Programming or operator error.

Operator: An unexpected end-of-file has been detected for a system input device. Select option 2 or 3.

FORT-4394 CMDKEY FUNCTION VALUE OTHER THAN 1 TO 24

Cause: Programming error.

Operator: The CALL CMDKEY statement specifies a value other than 1 to 24 to indicate the command key to be tested. Select option 2 or 3.

FORT-4395 CALL SETKEY VALUE OTHER THAN 1 TO 24

Cause: Programming error.

Operator: The CALL SETKEY statement specifies a value other than 1 to 24 to indicate the command key to be enabled. Select option 2 or 3.

-
- Option 0:** Continue the job.
Option 2: Controlled cancel.
Option 3: Immediate cancel.

This section contains displayed messages issued from the file conversion utility program. All messages in this section have the prefix FCU—.

FCU printed messages are documented in the *IBM System/32 File Conversion Utility Program Product Reference Manual*, SC34-0079.

Some FCU displayed messages appear during execution of the specification phase, conversion phase, and edit phase. Other FCU displayed messages are issued by the FCUSPEC, FCUCONV, and FCUEDIT procedures.

FCU—0204 USER EXIT MODULE NOT FOUND

Cause: Operating or programming error.

Operator: Select option 3. During FCU conversion processing, an attempt was made to locate the user exit module. The user exit module was not found. Examine the file description statements for a file type code of O or U, and verify that the user exit module specified exits. Make the appropriate changes and resubmit the job.

FCU—0219 FILE TYPE DOES NOT MATCH F SPECIFICATION

Cause: Operating or programming error.

Operator: Select option 3. The file media/organization code and file type code on the file description specification does not match the type provided in the FCUCONV command statement. Compare the values in the source library member. Make the necessary change(s) and resubmit the job.

FCU—0220 I/O MODULE NOT FOUND

Cause: Operating or programming error.

Operator: Select option 3. A routine that is necessary for executing the conversion phase is not in the library. Install FCU from diskette, then rerun the job. If the error persists, notify your IBM service representative. For information about installation of program products, see *Program Product Installation and Verification in the IBM System/32 System Control Programming Reference Manual*, GC21-7593.

FCU—0221 CONVERSION MODULE NOT FOUND

Cause: Operating or programming error.

Operator: Select option 3. A routine that is necessary for executing the FCU conversion phase is not in the library. Install the FCU from diskette; then rerun your job. If the error persists, notify your IBM service representative. For information about installation of program products, see *Program Product Installation and Verification in the IBM System/32 System Control Programming Reference Manual*, GC21-7593.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1, for an explanation of option D.

FCU-0222 UNABLE TO LOAD A REQUIRED MODULE

Cause: Operating or programming error.

Operator: Select option 3. A routine that is necessary for executing the conversion phase is not in the library. Install FCU from diskette; then rerun your job. If the problem persists, call your IBM service representative. For information about installation of program products, see *Program Product Installation and Verification in the IBM System/32 System Control Programming Reference Manual*, GC21-7593.

FCU-0225 PRIMARY INPUT FILE NOT FOUND

Cause: Operating or programming error.

Operator: Select option 3. The FILE statement specifying the primary input file is not given or is incorrect. Verify that the FILE statement is correct before attempting to resubmit the job.

FCU-0226 PRIMARY FILE SPECIFICATION INCORRECT

Cause: Operating or programming error.

Operator: Select option 3. The characteristics described on the file description specifications for the primary input file do not match the characteristics of the file obtained from the scheduler work area. The probable cause of this error is that the file type-file media/organization codes do not match or the key length/key starting locations do not match (for an indexed sequential file).

Determine what the correct physical characteristics of the primary input file are, make the needed changes to the source specification member and rerun the FCU specification phase. Upon successful completion of the latter step, rerun the FCU conversion phase.

FCU-0227 INPUT FILE RECORD LENGTH TOO LARGE

Cause: Operating or programming error.

Operator: Select option 3. The logical record length of the primary input file exceeds 512 characters (256 characters on a 16K system). This file cannot be processed by the FCU conversion phase because of the record's size.

FCU-0228 PRIMARY INPUT RECORD LENGTH EXCEEDED

Cause: Operating or programming error.

Operator: Select option 3. No record length was specified for the primary input file when the FCU specification phase was run. The highest referenced position (on the conversion specification statements with an input source code of either P or K) exceeds the logical record length of the file.

The conversion specification statements that reference a position greater than the logical record length must be corrected. (The file characteristics can be ascertained by doing a DISPLAY; see *IBM SCP Procedure Descriptions in the IBM System/32 System Control Programming Reference Manual*, GC21-7593.) The FCU specification phase must be run successfully with the affected source specification member and the FCU conversion phase must then be rerun.

FCU-0229 OUTPUT FILE STATEMENT MISSING

Cause: Operating or programming error.

Operator: Select option 3 or D. The FILE statement specifying the output file is not given or is incorrect. Verify that the user-supplied FILE statement is correct before attempting to resubmit the job.

FCU-0230 OUTPUT FILE RECORD LENGTH TOO LARGE

Cause: Operating or programming error.

Operator: Select option 3 or D. Either the logical record length of the output file exceeds 512 characters or the logical record length exceeds 256 characters and the main storage size is less than 24K. This file cannot be processed by the FCU conversion phase because of the record's size.

FCU-0231 RECORD KEY UPDATE NOT ALLOWED

Cause: Operating or programming error.

Operator: Select option 3. For an update operation on an indexed file, it is invalid to attempt to update the record key field. Change the source specification member so that the key field for the update file is not altered, rerun the FCU specification phase, and then rerun the FCU conversion phase.

FCU-0232 DUPLICATE RECORD KEY ON OUTPUT

Cause: Operating or programming error.

Operator: Select option 3. When attempting to create an indexed output file, an attempt was made to add a record that contained a key that already existed. Check the input file for duplicate keys, make the appropriate changes, and rerun the specification phase (if necessary) and conversion phase.

FCU-0233 SECONDARY INPUT FILE NOT FOUND

Cause: Operating or programming error.

Operator: Select option 3. The FILE statement specifying the secondary input file is not given or is incorrect. Verify that the user-supplied FILE statement is correct before attempting to resubmit the job.

FCU-0234 SECONDARY FILE SPECIFICATION INCORRECT

Cause: Operating or programming error.

Operator: Select option 3. The characteristics described on the file description specifications for the secondary input file do not match the characteristics of the file obtained from the scheduler work area format 1 records. The probable cause of the error is that the file type-file media/organization codes do not match or the key length/key starting locations do not match for an indexed file.

Determine what the correct physical characteristics of the secondary input file are, make the needed changes to the source specification member, and rerun the FCU specification phase and conversion phase.

FCU-0235 SECONDARY FILE RECORD LENGTH TOO LARGE

Cause: Operating or programming error.

Operator: Select option 3. The logical record length of the secondary input file exceeds 512 characters (256 characters on a 16K system). This file cannot be processed by the FCU conversion phase because of the record's size.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1, for an explanation of option D.

FCU-0236 SECONDARY INPUT RECORD LENGTH EXCEEDED

Cause: Operating or programming error.

Operator: Select option 3. No record length was specified for the secondary input file when the FCU specification phase was run. The highest referenced position (on the conversion specification statements with an input source code of S) exceeds the logical record length of the file.

The conversion specification statements that reference a position greater than the logical record length must be corrected. (The file characteristics may be ascertained by doing a DISPLAY, see *IBM SCP Procedure Descriptions* in the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.) The FCU specification phase must be run successfully with the affected source specification member and the FCU conversion phase must then be rerun.

FCU-0237 AN I/O MODULE COULD NOT BE LOADED

Cause: Operating or programming error.

Operator: Select option 3 or D. A routine that is necessary for executing the FCU conversion phase is not in the library. Install FCU from diskette, then rerun the job. If the error persists, notify IBM for program support services. For information about installation of program products, see *Program Product Installation and Verification* in the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

FCU-0238 AN I/O MODULE COULD NOT OPEN A FILE

Cause: Operating or programming error.

Operator: A possible system programming error has occurred. Select option D and contact IBM for program support.

Note: An I/O module may have been called twice for an open request or the indicator for the file to be opened was not set.

FCU-0239 NO MORE SPACE IN OUTPUT FILE

Cause: Operating or programming error.

Operator: Select option 3. Not enough space was available to contain all records to be added to an output file being generated by the FCU conversion phase. The user may wish to increase the space allocated for the output file and resubmit the job after first deleting the existent file. To delete files use the DELETE procedure. For further information about this procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

FCU-0240 FCUCONV: UNABLE TO LOAD MODULE

Cause: Operating or programming error.

Operator: Select option 3 or D. A routine that is necessary for executing the FCU conversion phase is not in the library. Install FCU from diskette, then rerun the job. If the error persists, notify IBM for program support services. For information about installation of program products, see *Program Product Installation and Verification* in the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

FCU-0254 PRIMARY FILE I/O ERROR

Cause: Disk error.

Operator: Select option 3 or D. An unrecoverable disk error occurred while trying to read a record from the primary input file. Run the BUILD procedure before rerunning this job. For more information about the BUILD procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

FCU-0255 OUTPUT FILE I/O ERROR

Cause: Disk error.

Operator: Select option 3 or D. An unrecoverable disk error occurred while the system was trying to access your data file to write a record to the output file. Run the BUILD procedure before rerunning this job. For more information about the BUILD procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

FCU-0256 SECONDARY FILE I/O ERROR

Cause: Disk error.

Operator: Select option 3 or D. An unrecoverable disk error occurred while the system was trying to access your data file to read a record from the secondary input file. Run the BUILD procedure before rerunning this job. For more information about the BUILD procedure, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

FCU-0260 MAGCARD KEYBOARD ID NOT FOUND

Cause: Operating or programming error.

Operator: Select option 3. The translation table for the mag card keyboard ID specified either in the file description specification or entered in response to prompting could not be found. Specify a valid ID in response to the prompt for a mag card keyboard ID or correct the file description specification statement and rerun the specification phase.

FCU-0261 OPERATOR CONTROL CANCEL FOR MAGCARD

Cause: Operating or programming error.

Operator: Select option 3. The operator replied with a 2 to any one of the error messages issued for or by the Mag Card Unit. The 2 option specified an operator cancel and processing terminates. If the output file is anything other than a mag card file, it will be lost. If the output file is a magnetic card file, any cards (or partial cards) written to this point will be good, although the mag card output file has not been successfully closed.

FCU-0262 MAGCARD WRITE ERROR FOR ILLEGAL CHAR

Cause: Operating or programming error.

Operator: Select option 3. An attempt was made to write an illegal character in a magnetic card output file. This problem could occur when binary or packed numeric data was described as some other type of data, perhaps alphabetic, or the starting and ending positions for a field (described as other than binary or packed numeric data) overlapped a field containing either binary or packed numeric data. After making the necessary changes to the source specification statements, rerun the specification phase and then rerun the conversion phase.

FCU-0267 ERROR FOUND IN FORMAT LINE PROCESSING

Cause: Operating error.

Operator: Select option 3. A format line in a document library master file or magnetic card file was not properly terminated within 256 characters. Processing terminates, and any partially created disk output files will be lost. If output is to magnetic cards, any records following the invalid format line will not be written.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1, for an explanation of option D.

FCU-0268 INVALID ENTRY IN LIST/NOLIST PARAMETER

Cause: Operating or programming error.

Operator: Select option 3. The LIST/NOLIST parameter of the CNV statement is incorrect. Verify that the CNV statement is correct before attempting to resubmit the job.

FCU-0301 NO MORE SPACE IN LIBRARY

Cause: Operating or programming error.

Operator: Select option 3. The system library can contain no more records. This condition can only occur while the FCU specification phase is creating an FCU load module. The FCU specification phase must be rerun after more space is made available.

Note: Make space available in the library by doing one of the following:

- If space between the library members exists, use the CONDENSE procedure to make all unused space available. If no space exists between library members, delete unnecessary library members. To delete members, first use the FROMLIBR procedure to save the members, then use the REMOVE procedure to delete them, and use the CONDENSE procedure to make the freed library space available.
- To increase the size of the library, enter a // ALLOCATE statement. If disk space is not available to increase the library size, first use the \$FREE utility to collect available disk space at the end of #LIBRARY. Then enter a // ALLOCATE statement to increase the size of the library.
- Run the BACKUP and RELOAD procedures; the space allocated for the library can be changed when you run the RELOAD procedure.

For information about the \$FREE utility or the // ALLOCATE statement (\$MAINT utility), see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593. For information about procedures, see the appropriate section of that manual.

FCU-0302 NO MORE SPACE IN DIRECTORY

Cause: Operating or programming error.

Operator: Select option 3. The system library directory is full. This condition can only occur while the FCU specification phase is creating an FCU load module. The FCU specification phase must be rerun after more space is made available.

Note: The system library directory is full. Make space available in the directory either by deleting unnecessary library members or by increasing the space allocated for the directory. Delete members by using the REMOVE procedure. Then use the CONDENSE procedure to compress the library members. To increase the size of the directory, run the BACKUP procedure; then change the space allocated for the directory when you run the RELOAD procedure. For further information about these procedures, see the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

FCU-0303 SPECIFICATION LOAD MODULE NOT CREATED

Cause: Operating or programming error.

Operator: Select option 3. A major error has occurred. The diagnostic messages will be listed on the printer along with the source specification statements. After correcting the errors that were detected, rerun the specification phase.

FCU-0401 INVALID SECURITY KEY

Cause: Operating or programming error.

Operator: Select option 3. This error message is issued when access to document library member is not allowed. This is caused when the security key specified in the FCU file description specifications is not valid for accessing the specified document library member. Rerun FCU conversion phase with a valid security key.

FCU-0402 DOCUMENT LIBRARY MEMBER ALREADY EXISTS

Cause: Operating or programming error.

Operator: Select option 3. This error message is issued when a document library member being created already exists in the document library. Rerun the FCU conversion phase with a valid document name.

FCU-0403 INVALID DOC NAME OR NO RECORDS QUALIFIED

Cause: Operating or programming error.

Operator: Select option 3. This error message is issued when an invalid document member name is specified on the FCU file description specifications. This is caused when a document member name specified is blank, equals the free queue name (B B B B B B B <<FREEQ), the input document name equals the output document name, or when you are converting to LDAM and no records qualify. Rerun the FCU conversion phase with a valid document library member name.

FCU-0404 DOCUMENT LIBRARY MEMBER NOT FOUND

Cause: Operating or programming error.

Operator: Select option 3. This error message is issued when the specified document library member does not exist. Rerun FCU conversion phase with a valid document member in the document library.

FCU-0405 NO MORE SPACE IN DOCUMENT DIRECTORY

Cause: Operating or programming error.

Operator: Select option 3. This error message is issued when there is no more space in the document library directory for a new entry. This is caused when the number of document library member entries exceeds the document library directory file space allocated. Use the WPSAVE/WPDELETE/WPINIT/WPRESTOR procedures to reallocate more directory space, or run WPPURGE to delete all directory entries marked as FREED (see *IBM System/32 SCP Reference Manual—Word Processing*, SC34-0078).

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1, for an explanation of option D.

FCU-0406 NO MORE SPACE IN DOCUMENT STORAGE

Cause: Operating or programming error.

Operator: Select option 3. This error message is issued when there is no more space in the document storage library. This is caused when the number of document storage entries exceeds the document library storage file space allocated. Use the WPSAVE/WPDELETE/ WPINIT/WPRESTOR procedures to reallocate more storage space.

FCU-0407 DOCUMENT DIRECTORY THRESHOLD REACHED

Cause: Operating or programming error.

Operator: Select option 3. This error message is issued when the number of directory records remaining in the document library is less than 6.25% of the number allocated. Use the WPSAVE/WPDELETE/WPINIT/ WPRESTOR procedures to reallocate more directory space, or run WPPURGE to delete all directory entries marked as FREED (see *IBM System/32 SCP Reference Manual—Word Processing*, SC34-0078).

FCU-0408 RECORD LENGTH TOO LARGE

Cause: Operating or programming error.

Operator: Select option 3. This error message is issued when a document library input record exceeds 512 bytes (256 bytes on a 16K system). This is caused when a document library tabular document contains a logical record (a record containing tab control characters and delimited with index return or required carrier return control characters) that exceeds 512 bytes (256 bytes on a 16K system).

FCU-0409 SECURITY KEY NOT FOUND

Cause: Operating or programming error.

Operator: Select option 3. This error message is issued when the security key specified on FCU file description specifications does not exist in the word processing security key file. Make the appropriate corrections and rerun the conversion phase.

FCU-0410 DOCUMENT STORAGE THRESHOLD REACHED

Cause: Operating or programming error.

Operator: Select option 3. This error message is issued when the number of storage records remaining in the document library is less than 6.25% of the number allocated. Use the WPSAVE/WPDELETE/WPINIT/ WPRESTOR procedures to reallocate more storage space.

FCU-0506 INVALID UTILITY CONTROL STATEMENT

Cause: Operating or programming error.

Operator: Select option 3. If the utility control statement provided by a user-written procedure does not begin with //b, this message will be issued and the user will have a 3-option only halt. The utility control statement generated from the user-written procedure must begin with the aforementioned character sequence of //b. After correcting this problem, the job may be rerun.

FCU-0507 INVALID KEYWORD IN UTILITY CONTROL STMT

Cause: Operating or programming error.

Operator: Select option 3. The FCU edit phase expects to find certain keyword strings passed to it on the utility control statement constructed by the System/32 System Control Program. The valid keyword strings are INTYPE-, DCODE-, and ID-. The values associated with these keyword strings cannot be properly processed if the parameters do not appear with the correct keyword string. An invalid keyword string was detected on the utility control statement. After changing the keyword string(s) at fault to a valid keyword string, the job may be resubmitted.

FCU-0508 DUPLICATE KEYWORD IN UTILITY CONTROL STMT

Cause: Operating or programming error.

Operator: Select option 3. The FCU edit phase expects to find only one of any valid keyword strings passed to it on the utility control statement constructed by the System/32 System Control Program. Duplicate valid keyword strings were found on the utility control statement. After removing one of the duplicate keyword strings, the job may be resubmitted.

FCU-0509 INTYPE KEYWORD PARAMETER INVALID

Cause: Operating or programming error.

Operator: Select option 3. The FCU edit phase expects a parameter of K, M, or S with the INTYPE- keyword string. When this job is resubmitted, give a valid INTYPE- parameter value when evoking the FCU edit phase.

FCU-0510 DCODE KEYWORD PARAMETER INVALID

Cause: Operating or programming error.

Operator: Select option 3 or D. The FCU edit phase expects a one-character parameter with the DCODE-keyword string. When this job is resubmitted, specify a nonblank DCODE- parameter value when evoking the FCU edit phase.

FCU-0511 DPOS KEYWORD PARAMETER INVALID

Cause: Operating or programming error.

Operator: Select option 3. The FCU edit phase expects a valid numeric parameter with the DPOS- keyword string. This value could be invalid for any of the following reasons:

- The field contains a nonnumeric character
- The numeric value contains embedded blanks
- The value is zero or blank
- The value is greater than the record length
- The value specifies a position in the key field of an indexed record

Correct the invalid delete code position parameter and resubmit the job.

FCU-0512 INVALID UTILITY CONTROL STMT

Cause: Operating or programming error.

Operator: Select option 3. The utility control statements passed to the FCU edit phase are expected to contain a verb (or identifier) of either EDIT \ddagger or END \ddagger after the leading // \ddagger . The utility control statement passed to the FCU edit phase did not have one of these valid verbs. Change the invalid verb encountered to a valid value and resubmit the job.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1, for an explanation of option D.

FCU-0513 INVALID UTILITY CONTROL STMT

Cause: Operating or programming error.

Operator: Select option 3. The EDIT utility control statement passed to the FCU edit phase is required to have the INTYPE keyword string; however, this required keyword string was missing. Make sure that this required keyword string and its valid parameter are on the EDIT utility control statement made available to the FCU edit phase when the job is resubmitted.

FCU-0514 UPDATE FILE NOT FOUND

Cause: Operating or programming error.

Operator: Select option 3 or D. The FILE statement specifying the update file is not given or is incorrect. Verify that the FILE statement is correct and rerun the FCU edit phase.

FCU-0515 UPDATE FILE RECORD LENGTH TOO LARGE

Cause: Operating or programming error.

Operator: Select option 3. The logical record length of the file specified for update processing by the FCU edit phase is greater than 512 characters (256 characters on a 16K system). The update file may need to be reorganized before the FCU edit phase can process it.

FCU-0516 INPUT FILE NOT FOUND

Cause: Operating or programming error.

Operator: Select option 3. The FILE statement for the input file containing the user's CHANGE/DELETE statements is not given or is incorrect. Verify that the FILE statement is correct for the input file and rerun the FCU edit phase.

FCU-0517 CHANGE/DELETE FILE GT 120

Cause: Operating or programming error.

Operator: Select option 3. The input file containing the CHANGE/DELETE statements has a logical record length exceeding 120 characters. The FCU edit phase limits the input file to up to 120 characters. Correct the CHANGE statement(s) that exceed 120 characters and resubmit the job.

FCU-0532 ID KEYWORD PARAMETER INVALID

Cause: Operating or programming error.

Operator: Select option 3. The FCU edit phase received an invalid MCU keyboard ID parameter for one of the following reasons:

- The field contains a nonnumeric character.
- The length of the MCU keyboard ID exceeds 3 characters.
- The numeric value contains embedded blanks.
- A null value was given as an MCU keyboard ID.
- The MCU keyboard ID number does not correspond to any known MCU keyboard ID.

Correct the invalid MCU keyboard ID parameter and resubmit the job.

FCU-0604 INVALID ENTRY IN LIST/NOLIST PARAMETER

Cause: Operating error.

Operator: An invalid name was encountered in the LIST/NOLIST parameter of the FCUCONV command statement. Reenter the FCUCONV command statement with a correct entry in this parameter.

FCU-0650 SPECIFICATION SOURCE MEMBER NOT FOUND

Cause: Operating error.

Operator: A source member with the name you specified does not exist. Either you have entered an incorrect name, or the source member containing your specification statements has not been created or was deleted from the library.

Note: This message is issued by the FCU specification phase.

FCU-0651 LOAD MODULE ALREADY EXISTS

Cause: Operating error.

Operator: A load module with the name you specified in the FCUSPEC command already exists. If you want to replace the existing member with the load module created by the specification phase, reenter the FCUSPEC command statement and specify REPLACE after the member name. If you do not want to replace the existing member, you must rename your source specification member.

Note: The specification phase creates a load module with the same name as the specification source member.

FCU-0652 SPECIFICATION LOAD MODULE NOT FOUND

Cause: Operating error.

Operator: A load module with the name you specified does not exist in the library. This may be because:

- You entered the name incorrectly on the FCUCONV command statement, or
- You have not run the specification phase to build the load module, or
- The specification load module has been deleted from the library.

Ensure that the load module exists in the library and reenter the FCUCONV command statement.

Note: When you run FCUCONV, you must have already run FCUSPEC to create a specification load module.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1, for an explanation of option D.

FCU-0653 PRIMARY INPUT FILE TYPE INVALID

Cause: Operating error.

Operator: You have specified an invalid type for the primary input file in the FCUCONV command statement. Valid file types are:

- M (magnetic cards)
- L (document library)
- S (sequential file)
- I (indexed file)
- D (direct file)

Reenter the FCUCONV command statement.

FCU-0654 FILENAME INVALID WITH INPUT TYPE 'M'

Cause: Operating error.

Operator: You have specified a value in the fourth parameter position of the FCUCONV command statement. If M is specified in the third parameter position, the fourth parameter must be null. Reenter the FCUCONV command statement.

Note: Ensure that a comma is entered between each parameter. If a parameter is omitted, two consecutive commas must be entered.

FCU-0655 DOCUMENT LIBRARY NOT FOUND

Cause: Operating error.

Operator: The document library specified in the fourth or eighth parameter position of the FCUCONV command statement does not exist. Either you have entered the name incorrectly or the library has been deleted from the disk.

Correct the error or restore the library on disk and reexecute the FCUCONV procedure.

Note: If a required library has been deleted, run the WPINIT procedure to initialize a library with the specified name. To restore the members from diskette, run the WPRESTOR procedure. For further information about the WPINIT and WPRESTOR procedures, see the *IBM System/32 SCP Reference Manual—Word Processing*, GC34-0078.

FCU-0656 PRIMARY INPUT FILE NAME NOT SPECIFIED

Cause: Operating error.

Operator: The primary-input file name was not specified. A valid file name must be specified in parameter position four if the primary input file type is S, I, or D. Reenter the FCUCONV command statement.

FCU-0657 PRIMARY INPUT FILE NOT FOUND

Cause: Operating error.

Operator: The specified file does not exist on disk. The file name specified in parameter position four may have been entered incorrectly. Ensure that the file to be used as primary input exists, and that the name is entered correctly. Reenter the FCUCONV command statement.

FCU-0658 PRIMARY INPUT FILE TYPE NOT SPECIFIED

Cause: Operating error.

Operator: A required parameter was not specified. You must enter M, L, S, I, or D in the third parameter position of the FCUCONV command statement, or in response to the prompt 'ENTER PRIMARY INPUT TYPE (M,L,S,I,D).' Reenter the FCUCONV command statement.

FCU-0659 SECONDARY INPUT FILE TYPE NOT SPECIFIED

Cause: Operating error.

Operator: You have specified a secondary input file name in parameter position 6 of the FCUCONV command statement, but you did not specify the file type in the fifth parameter position. Reenter the FCUCONV command statement.

Note: If no secondary input file is used, do not specify parameters 5 and 6. If subsequent parameters are specified, ensure that commas are inserted for the null parameter positions.

FCU-0660 SECONDARY INPUT FILE TYPE INVALID

Cause: Operating error.

Operator: You have specified an invalid type for the secondary input file. Valid file types are:

- I (indexed file)
- D (direct file)

Reenter the FCUCONV command statement.

Note: If you specify the FCUCONV parameters on the command statement, ensure that all parameters are entered in the proper position. Position 5 is used to define the secondary input file type. If no secondary input file is used, ensure that position 5 and position 6 are null.

FCU-0661 SECONDARY INPUT FILE NAME NOT SPECIFIED

Cause: Operating error.

Operator: You have specified a file type parameter for the secondary input file in parameter 5 (or in response to the prompt 'ENTER SECONDARY INPUT FILE TYPE (I,D)'), but you omitted the file name. If you are using a secondary input file, reenter the FCUCONV command and specify the file name. If you do not have a secondary input file, omit parameters 5 and 6 (or enter a null response to the prompt message).

FCU-0662 SECONDARY INPUT FILE NOT FOUND

Cause: Operating error.

Operator: The specified file does not exist on disk. The file name specified in parameter position 6 may have been entered incorrectly. Ensure that the file to be used as secondary input exists, and that the name is entered correctly. Reenter the FCUCONV command statement.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1, for an explanation of option D.

FCU-0663 OUTPUT FILE TYPE INVALID

Cause: Operating error.

Operator: You have specified an invalid type for the output file. Valid file types are:

- M (magnetic cards)
- L (document library)
- S (sequential file)
- I (indexed file)
- D (direct file)

Reenter the FCUCONV command statement.

FCU-0664 FILENAME INVALID WITH OUTPUT TYPE 'M'

Cause: Operating error.

Operator: You have specified a value in the eighth parameter position of the FCUCONV statement. If M is specified as the output file type in the seventh parameter position, the eighth parameter must not be specified. Reenter the FCUCONV command statement.

Note: For output file type M, all subsequent parameters should be omitted. If parameters 9 and 10 are specified, they are ignored (no message issued).

FCU-0665 OUTPUT DOCUMENT LIBRARY NAME INVALID

Cause: Operating error.

Operator: The document library name specified in parameter position 8 does not match the name specified in parameter position 4. If document library members are used for both input and output, the output document must be stored in the same library as the input document. Reenter the FCUCONV command, correcting the library name.

Note: If a name is specified in parameter 4, the output library name does not need to be specified; it is assumed to be the same as the input library name.

FCU-0666 OUTPUT FILE WITH SPECIFIED NAME EXISTS

Cause: Operating error.

Operator: The name you specified for an output file of type S, I, or D is invalid because a file by that name already exists on disk. Reenter the FCUCONV procedure and specify a name that does not duplicate an existing name.

FCU-0667 RECORDS/BLOCKS NOT SPECIFIED

Cause: Operating error.

Operator: You did not specify 'RECORDS' or 'BLOCKS' in the ninth parameter position for an output file of type S, I, or D, or you entered a null response to the prompt ENTER 'RECORDS' or 'BLOCKS'. This parameter is required for a sequential, indexed or direct output file. Reenter the FCUCONV procedure and specify 'RECORDS' or 'BLOCKS'.

FCU-0668 OUTPUT FILE NAME NOT SPECIFIED

Cause: Operating error.

Operator: You specified an output file type of S, I, or D in parameter position 7, but you did not specify the file name. Reenter the FCUCONV procedure and specify the output file name.

FCU-0669 UPDATE FILE NOT FOUND

Cause: Operating error.

Operator: A file with the name specified in parameter 1 of the FCUEDIT command statement (or in response to the prompt ENTER UPDATE FILE NAME) does not exist on disk. Ensure that you have entered the name correctly, and that the specified file is on disk. Reenter the FCUEDIT command statement.

Note: Parameter 1 of the FCUEDIT procedure is used to specify the name of an existing System/32 file (sequential, indexed, or direct) that is to be updated.

FCU-0670 INVALID CHANGE/DELETE FILE TYPE

Cause: Operating error.

Operator: You have specified an invalid type code in position 2 of the FCUEDIT command statement (or in response to the prompt ENTER CHANGE/DELETE FILE TYPE (M,S,K)). The valid types are:

- M (magnetic cards)
- S (sequential disk file)
- K (keyboard)
- Null (defaults to keyboard input)

Reenter the FCUEDIT command statement, specifying a valid type code.

Note: This parameter is used to indicate the input source for the CHANGE and/or DELETE statements.

FCU-0671 MAG CARD KEYBOARD ID NOT SPECIFIED

Cause: Operating error.

Operator: You indicated that the input source for the CHANGE/DELETE statements is magnetic cards (parameter 2 M), but you did not specify the mag card keyboard ID in parameter 3 of the FCUEDIT command statement (or in RESPONSE to the prompt ENTER MAG CARD KEYBOARD ID). Reenter the FCUEDIT command statement, and specify a valid mag card keyboard ID.

FCU-0672 CHANGE/DELETE FILE NOT FOUND

Cause: Operating error.

Operator: A file with the name specified in parameter 3 of the FCUEDIT command statement (or in response to the prompt ENTER FILE NAME) does not exist on disk. Ensure that you have entered the name correctly and that the specified file is on the disk. Reenter the FCUEDIT command statement.

Note: If you indicate that the CHANGE/DELETE statements are in a sequential disk file (file type S), you must specify the name of the file.

FCU-0673 INVALID PARAMETER SPECIFIED

Cause: Operating error.

Operator: You specified a K in parameter position 2 and did not leave parameter 3 null. Reenter the FCUEDIT command statement, leaving parameter position 3 null.

Note: If parameter 2 is K, it must either be the last parameter specified, or must be followed by two consecutive commas.

FCU-0674 POSITION AND DELETE CHAR NOT SPECIFIED

Cause: Operating error.

Operator: You either:

- Specified parameter 4 (delete position) and omitted parameter 5 (delete character), or
- Specified parameter 5 and omitted parameter 4.

If one of these parameters is specified, the other must also be specified. If neither is specified, the delete position and character are assumed to be 1 and blank, respectively.

Option 3: Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.

Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1, for an explanation of option D.

FCU-0676 CHANGE/DELETE FILE NAME NOT SPECIFIED

Cause: Operating error.

Operator: You specified an S in response to the prompt ENTER CHANGE/DELETE FILE TYPE (M,S,K), but you did not specify the file name in response to the prompt ENTER FILE NAME. Reenter the FCUEDIT command statement, specifying the CHANGE/DELETE file name.

FCU-0678 DUPLICATE FILE NAMES SPECIFIED

Cause: Operating error.

Operator: You specified the same file name for both the primary and secondary input files in the FCUCONV command statement. These names must be unique. Reenter the FCUCONV command, specifying the correct file names in parameter positions 4 and 6 (or in response to the prompts ENTER PRIMARY INPUT FILE NAME and ENTER SECONDARY INPUT FILE NAME).

FCU-0679 OUTPUT TYPE 'M' INVALID IF INTYPE IS 'M'

Cause: Operating error.

Operator: You specified the output file type as M in parameter position 7 of the FCUCONV command statement (or in response to the prompt ENTER OUTPUT FILE TYPE (M,S,L,I,D)), after having indicated M as the primary input file type. Magnetic cards cannot be used for both input and output. Change the input or output file type and reenter the FCUCONV procedure.

Note: Check your file description specifications for the correct file designations.

FCU-0680 NUMBER OF RECORDS/BLOCKS NOT SPECIFIED

Cause: Operating error.

Operator: You have specified RECORDS or BLOCKS in the ninth parameter position of the command statement (or in response to the prompt ENTER 'RECORDS' or 'BLOCKS'), but you did not indicate the number of records or blocks in the tenth parameter position (or in response to the prompt ENTER NUMBER OF RECORDS OR BLOCKS). Reenter the FCUCONV command statement, specifying the number of records or blocks.

FCU-0902 MISSING OR INVALID UTILITY CONTROL STMT

Cause: Operating or programming error.

Operator: Select option 3. If the first utility control statement does not begin with '// SOURCE', this message will be issued. If the second utility control statement does not begin with a character string of '// END', this message will be issued. Make any corrections necessary to assure that the utility control statements are properly identified and rerun the FCU specification phase.

FCU-0903 REQUIRED FCU LOAD MODULE NOT FOUND

Cause: Operating or programming error.

Operator: Select option 3. An operating or system programming error has occurred. A routine that is necessary for executing the FCU specification phase is not in the library. Install FCU from diskette; then rerun the job. If the error persists, notify IBM for program support services. For information about installation of program products, see *Program Product Installation and Verification* in the *IBM System/32 System Control Programming Reference Manual*, GC21-7593.

FCU-0904 MISSING OR INVALID UTILITY CONTROL STMT

Cause: Operating or programming error.

Operator: Select option 3. The FCU conversion phase expects to have a utility control statement that must begin with a character string of '// CNV'. If the first utility control statement does not have this character string, this message will be issued. If the second utility control statement does not begin with a character string of '// END', this message will be issued. Make any corrections necessary to assure that the utility control statements are properly identified and resubmit the job.

FCU-0999 PROCESSING TERMINATED (SEE PRINTER)

Cause: Operating or programming error.

Operator: Select option 3. A major error has occurred that prevents the FCU specification phase from creating the specification load module .

See the system printer output listing for more specific error information.

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- Option 3:** Immediate cancel. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1.
Option D: Immediate cancel with storage dump. New data created for this job is not preserved. See the discussion of *Formatted Messages* in section 1, for an explanation of option D.

access method: A technique for moving data between main storage and the disk or a diskette.

accum: Accumulator.

active file: A permanent diskette file, or a temporary diskette file whose expiration date is greater than the job date.

add operation: A disk or diskette operation that adds records to an existing file.

allocate: To assign a resource such as a disk or diskette file for use in performing a specific task.

alpha: Alphabetic.

alt: Alternate.

array: (RPG II) A systematic arrangement of elements in a table format.

ASCII: American National Standard Code for Information Interchange. A standard coding convention for representing numbers, letters, and special characters.

assembler: A source language that includes symbolic machine language statements in which there is a one to one correspondence between the instruction formats and data formats of the computer.

backup diskette: A diskette that contains information that was copied from another diskette or the disk. It is used in case the original information is unintentionally altered or destroyed.

baseplate: The location of the magnetic card in the mag card unit when the card is being read or written on.

basic data exchange: A format of exchanging data on diskettes between systems or devices as described in the *IBM Diskette General Information Manual*, GA21-9182.

batch accumulator: A storage area where subtotals for a field are accumulated.

batch work station: An SCP utility program that allows the user to communicate with a host system (System/370) over a communications line using SNA/SDLC.

binary synchronous communications (BSC): A form of line control that provides a set of rules for transferring data over a telecommunications line connecting two devices that use the binary synchronous communications adapter.

binary synchronous communications adapter (BSCA): A special feature available for System/32 that enables System/32 to become part of a telecommunications network.

block: A unit of space assignment for files on the disk. One block is equal to 10 sectors.

BSC: Binary synchronous communications.

BSCA: Binary synchronous communications adapter.

buffer: An area of storage that is temporarily reserved for use in performing an input/output operation.

BWS: Batch work station.

CE: Customer engineer.

chained file: (RPG II) An input, output, or update disk file that uses the chain operation code to read records randomly or to load a direct file.

CHAN: Channel.

channel: (1) A device or circuitry interconnecting two or more devices that can receive and transmit data and can also store and process data. (2) A device that connects the CPU and main storage with I/O control units.

char: Character.

CICS: Customer information control system.

CMD key: The function key that causes the system to recognize command keys. When the CMD key is pressed, any one of twelve keys in the top row of the keyboard (numeric, -, and =) is recognized as a command key on the next keystroke.

command key: (1) One of the 12 keys in the top row of the keyboard (numerics, -, and =) when pressed immediately after the CMD key. Command keys control system functions as well as the execution of application program. (2) (RPG II) By using the uppercase shift key, sixteen different functions are available. In RPG II the command keys correspond to the indicators KA through KN, KP, and KQ.

command statement: A statement that requests the performance of a particular function. A command statement always contains the name and may include parameters. The two types of command statements are control commands and procedure commands.

compiler: A program that translates a source program written in a specific programming language into an object program.

compile-time table or array: (RPG II) A table or array compiled with the source program that becomes a permanent part of the object program. See also *execution-time array* and *preexecution-time table or array*.

completion code: See *condition code*.

compress: To use the COMPRESS procedure to move files together on disk in order to create one continuous area of unused space.

condition code: A code that reflects the result of a previous input/output, arithmetic, or logical operation.

continuation: The use of more than one record to contain a single OCL statement. Continuation is valid only for FILE OCL statements.

controlled cancel: The system action that generally occurs when option 2 is selected in response to a formatted message display. If OCL statements are being read by the system, the remaining OCL statements are read and checked for errors, but the job is not executed. If a job is being executed, any new data already created by the job is preserved and the job is terminated.

creation date: The job date at the time a file is created. The creation date is stored as an attribute in the VTOC entry for the file.

CRT: Cathode ray tube. See also *display screen*.

data file utility (DFU): Part of the utilities program product used to create, maintain, and display or print data files.

data recorder: Either a 129 Card Data Recorder or a 5496 Data Recorder.

DBDC: Data base/data communications.

dec: Decimal.

default value: A value assigned by the system when no value is specified by the user.

delete operation: A disk or diskette operation that deletes records from an existing file, or deletes entire files from the disk or diskette.

delimiter: A character that groups or separates words or values.

demand file: (RPG II) A file that is accessed using the READ or KEY operation code. A demand file can be used as input, update, or both.

DFU: Data file utility.

direct file: A disk file in which records are assigned specific record positions. Regardless of the order in which records are put in a direct file, they always occupy the assigned position (a specific disk address).

directory: See *library directory*.

disk: The permanently attached magnetic disk storage.

disk data file: A group of related records (data) stored on disk.

disk error: An error detected on the disk when information is being transferred to or from the disk.

disk filename: The name in the disk volume table of contents that identifies a file. The disk filename is specified in the LABEL parameter of the // FILE statement.

diskette: A thin, flexible magnetic disk permanently enclosed in a semi-rigid protective jacket.

diskette drawer (door): The compartment into which the diskette is inserted when it is to be processed by the system.

diskette error: An error detected on a diskette when data is being transferred to or from the diskette.

diskette file: A group of related records (data) stored on a diskette.

display screen: The cathode ray tube screen on which the system displays data, messages, and other information for the operator.

DOC: Document.

DSR: Data set ready.

DTF: Define the file.

EBCDIC: Extended binary coded decimal interchange code. A standard coding convention for representing numbers, letters, and special characters.

element: (RPG II) The smallest addressable unit of a table or array.

end of extent: The end of the area on disk or diskette allocated for a file.

end of file: End of records in a file.

EOF: End of file.

EOJ: End of job.

execute: To cause a program, utility, or other machine function to be performed. During execution, information is processed according to machine language instructions in order to produce the desired output.

execution phase: (sort) The portion of the sort program that gets the records you want to sort, sorts the records, and finally writes the sorted records onto the output file.

execution-time array: (RPG II) An array that is loaded by input specifications or calculation specifications after actual execution begins. See also *compile-time table or array* and *preexecution-time table or array*.

expiration date: The date at which a diskette file is no longer protected from automatic deletion by the system.

extended format: See *512-byte format*.

extent: A space on disk or diskette that is occupied by or reserved for a particular file.

external indicators: (RPG II) Eight indicators (U1 through U8) that are normally used to specify which files are to be used in multifile processing. They are usually set by the // SWITCH statement prior to processing, but the indicators can be altered by the program during execution.

FCU: File conversion utility.

FD: Disk.

field: A portion of a record that is reserved for specific information, such as a customer number, part number, or quantity. A field can be one or more adjacent record positions depending upon the length of the information to be placed in the field.

file: An organized collection of related records.

file conversion utility (FCU): A program product that converts file types and data formats for data processing applications into organizations and formats acceptable to word processing applications, and vice versa.

file creation date: Same as *creation date*.

file expiration date: Same as *expiration date*.

filename: The name associated with a file. See also *disk filename*.

first level message: A 40-character message that is issued by a system control program, program product, or user-generated program. First level messages are retrieved from a library member designated as the first level message member.

format description: (DFU) A collection of specifications used to control input to a statement. Format descriptions consist of a field definition for each field in the statement being processed. The field definitions define the type of data in each field and the field length.

format line: The line preceding the message text in a formatted message display.

formatted diskette: A diskette that is in the format required by the system.

formatted message: A message that appears on the display screen in a constant format. The display consists of two lines. The format line provides information about the message; the message text line contains the message text.

FORTRAN IV: FORmula TRANslating system. A language primarily used to express computer programs by arithmetic formulas.

generation phase: (sort) The portion of the sort program during which your sequence specifications are translated into machine language.

hex: Hexadecimal.

hexadecimal: Pertaining to a number system with a base of 16; valid digits range from 0 (zero) through F, where F represents the highest units position (15). Synonymous with sexadecimal.

host subsystem: The CICS, IMS, RES, JES2, JES3, ASP, HASP, POWER/VIS, or RSCS support in the System/370 that processes data transmitted by the System/32 data communication utility.

ID: Identification.

immediate cancel: The system action that is taken when option 3 is selected in response to a formatted message. The job being executed is terminated, and the following system actions occur:

- The number of lines in a form is reset to the value set during the initial program load (IPL) procedure.
- The printer skips to the next page if the EJECT option is in effect.
- No new data created by the canceled job is preserved.

IMS: Information management system.

include member: (SEU) The library source or procedure member from which statements are to be included by SEU.

ind: Indicator.

index key: The field within a record that identifies that record in an indexed file. The index key and record location for each record in the file are stored in the file index.

indexed file: A file in which the position of the records is recorded in a separate portion of the file called an index. The index contains an index key and disk address for each record in the file.

indicator: (1) (RPG II) A 2-digit or 2-character entry used to indicate when certain operations are to be performed. (2) (RPG II) An internal switch used by the object program to remember when a certain event occurs and what to do when the event occurs.

informational message: A message that is not the result of an error condition. Normally, an informational message gives the status of a job or operation.

initialize: To use the INIT procedure to prepare a diskette for use by naming the diskette, removing the entries from the VTOC, and formatting.

initial program load (IPL): The loading of the system control program into main storage. This prepares the system for execution of jobs.

input file: A file that contains records that a program uses as a source of data.

inquiry request: A request by the operator (the INQ key is pressed) that stops the job that is running, if it is an interruptible program, so that another program or function can be performed.

I/O: Input/output.

I/O error: An error detected while transferring data to or from an I/O device.

IPL: Initial program load.

JES2: Job entry subsystem 2.

job: A specified group of tasks prescribed as a unit of work for a computer. The tasks are defined by OCL statements, utility control statements, and command statements.

job date: The date associated with a job. If no // DATE statement is specified between the // LOAD and // RUN statements for a job, the job date is the same as the system date. Otherwise, the job date is the date specified in the // DATE statement.

key: (1) To enter information from the keyboard. (2) Same as *index key*.

LDAM: Linked direct access method.

LIBR: Library.

library directory: The library component that contains information, such as the member name and location, about each member in the library.

limits file: (RPG II) A record address file containing limits records when using sequential within limits processing.

linkage editor: A processing program that prepares the output of language translators for execution. It combines separately produced object or load modules; resolves symbolic cross references among them; replaces, deletes, and adds control sections, and generates overlay structures on request; and produces executable code (a load module) that is ready to be loaded into main storage.

linked direct access method (LDAM): The portion of the word processing communications utility that interfaces with the other System/32 access methods.

load member: A collection of instructions, stored in the library, that the system can execute to perform a particular function whether the function is requested by the operator or specified in an OCL statement.

LOGOFF: RJE/DBDC host (VTAM) command that begins the termination process and disconnects the line communication between the host and BWS utility. (See also *SIGNOFF*.)

LOGON: RJE/DBDC host (VTAM) command that follows the BWS CONFIG statement and establishes line communication between the host and BWS utility. (See also *SIGNON*.)

machine error: An error caused by a malfunction of the machine.

mag card unit: The IBM 5321 Mag Card Unit (MCU) that is used by the system to record on or read from magnetic cards.

magnetic card: A card with a magnetic surface on which data can be stored by selective magnetization of portions of the flat surface.

Magnetic Character Reader: The 1255 Magnetic Character Reader/Document Sorter.

main storage: The general purpose storage (work area) of the processor. Main storage holds program instructions for a job and data to be processed during that job.

match field: (RPG II) In multifile processing, the field that can specify the order in which records are processed. For further information, see the *IBM System/32 RPG II Reference Manual*, SC21-7595.

MCU: Mag card unit.

member: A named collection of records or statements in the disk library that can contain source statements, format descriptions, OCL statements, or executable instructions.

message identification code (MIC): A 4-digit number associated with a specific error or informational message.

message number: Same as message identification code (MIC).

MIC: Message identification code.

modem: A device that connects the binary synchronous communications adapter or the synchronous data link control adapter to the communication line.

MRJE/WS: MULTI-LEAVING remote job entry work station.

null response: The ENTER key was pressed by the operator without any information being keyed.

object program: A set of instructions in machine language. The object program is produced by the compiler from the source program.

object table: (RPG II) See *preexecution-time table*.

OCL: Operation control language.

OCL statement: A statement that is used in identifying the job or its requirements to the operating system.

op code: See *operation code*.

open: System processing that prepares a disk or diskette file for processing.

operation code: (1) (DFU) A description of how a field is to be used in a DFU job (as an accumulator, self-check field, or an auto-dup field). The operation is specified in the prompting sequence when defining the DFU job. (2) (RPG II) A word or abbreviation specified on the calculation specification sheet to identify an operation; for example, SUB for subtract and ADD for addition.

org: Organization.

output file: A file that contains the data that results from processing.

overlay linkage editor (OLE): A processing program that prepares the output of language translators for execution. It combines separately produced object or load modules; resolves symbolic cross references among them; replaces, deletes, and adds control sections, and generates overlay structures on request; and produces executable code (a load module) that is ready to be fetched into main storage.

packed decimal format: A data format that allows each byte of a field (except for the low-order byte) to contain two decimal numbers.

packed keys: An index key in packed decimal format.

param: Parameter.

parameter: (1) *A variable that is given a constant value for a specific purpose or process. (2) The values specified in a command statement or control statement.

patch: To modify a disk or diskette sector by keying the modifications from the keyboard.

perm: Permanent.

pos: Position.

preexecution-time table or array: (RPG II) A table or array that is loaded with the object program before actual execution of the program begins. See also *compile-time table or array* and *execution-time array*.

procedure: A named collection of related OCL statements, and possibly, utility control statements that cause a specific function or set of functions to be performed. A procedure is evoked by a command statement.

program operating instructions: A document that is written by a user and contains setup instructions, run procedures, and administrative practices.

PTAM: Pseudo tape access method.

PTS: Points.

RCD: Record.

RD: Diskette.

record: A collection of related data, treated as a unit. For example, one line of an invoice may form a record. A complete set of records may form a file.

recovery procedure: The action performed by the operator when a message appears on the display screen. Generally, this action allows the program to continue, or allows the operator to run the next job.

related master file: A data file from which information is extracted and combined with the information available in the list file to print a report.

relative record number: A number that specifies the location of a record relative to the beginning of a direct file.

reload: To use the RELOAD procedure to initiate an IPL from a diskette file produced as output from the BACKUP procedure.

REORG: Reorganize.

RES: Remote entry services.

result field: The name of a field in which the outcome of arithmetic calculations are stored.

RJE: Remote job entry.

RPG II: A commercially oriented programming language specifically designed for writing application programs that meet common business data processing requirements.

RSP: Response.

RPG cycle: A logic step in RPG processing.

scheduler work area (SWA): An area on disk reserved for use by the scheduler program (a part of the SCP).

SDLC: Synchronous data link control.

second level message: Between one and five lines of information that further describe a first level message. The second level message is displayed when ENTER is pressed after a first level message is displayed. Second level messages are retrieved from a library load member designated as the second level message member.

sector: A unit of data recorded on disk. A sector of data is the smallest amount of data that can be read from disk, or the smallest amount of data that can be transferred by a single data transfer operation. A disk sector is 256 bytes; a diskette sector is 128 bytes for standard interchange format or 512 bytes for extended format.

segment: (1) A portion of an offline multivolume file that temporarily resides on disk. A segment consists of the information on one diskette. (2) A portion of a program that is loaded into main storage.

self-check digit/field: Fields that consist of a base number and a check digit. DFU verifies a self-check field as you key it by calculating the check digit from the base number and comparing the result with the check digit you keyed.

sense byte: A byte of information that indicated the condition of a device.

SERV: System services.

session: The period of time the System/32 is connected to the host system for entering remote jobs and/or receiving output. (The period of time between the transmission of the sign-on and sign-off commands.)

SEU: Source entry utility.

SIGNOFF: Same as LOGOFF but JES/2 host command.

SIGNON: Same as LOGON but JES/2 host command.

SNA: Systems network architecture.

sort program: Part of the utilities program product used to sort data records in a file.

sort specifications: Information that specifies the type of sort to be done, which records are to be sorted, and how the records are to be sorted.

source entry utility (SEU): Part of the utilities program product used by the operator to enter and update procedures and programs in the library.

source member: A collection of records, such as RPG II specifications or sort sequence specifications, that are used as input for a program. Source members are stored in the library.

source program: A set of instructions that represents a particular job as defined by the programmer. These instructions are written in a programming language such as RPG II.

source statement: A record such as an RPG II specification or sort sequence specification that is used as input for a program.

spec: Specification.

stmt: Statement.

subr: Subroutine.

SWA: Scheduler work area.

switched line: A communication line in which the connection between the computer and a remote station is established by dialing.

switched network: A number of communications lines connecting a computer with remote terminals. The connections are established by dialing.

synchronous data link control: A discipline that manages data transfer over a telecommunications line connecting two devices that use the synchronous data link control feature.

syntax: * (1) The structure of expressions in a language. (2) The rules governing the structure of a language.

syslog device: System log device. The device(s) designated by the LOG command statement.

system date: The date used by the system for calculating the creation date and expiration date of a file and for performing date-dependent actions. The system date, which is generally the same as the actual date, can be specified in a DATE command statement during the initial program load procedure or in a SET command statement at any other time. The system date is overridden if a // DATE statement is specified for a given job.

Systems Network Architecture (SNA): A set of rules for controlling the transfer of data through a data communications network.

table: A collection of data in which each item is identified by a label, by its position relative to the other items, or by some other means.

table element: See *element*.

telecommunications: Data transmission between computing systems and/or remote devices.

terminal error: (1) (sort) An error condition that must be corrected before the sort job can be processed further. (2) (RPG II) An error condition that must be corrected before the system can compile an RPG II program.

TTC: Track terminating character.

update: (DFU) A function of the DFU program that allows the operator to update records in a file.

utility control statement: A control statement that gives a utility program information concerning the output to produce or the way the program is to perform its function.

vol: Volume.

volume: One diskette is one volume.

volume table of contents (VTOC): A table of contents on the disk or a diskette that describes each file on the disk or diskette.

VTAM: Virtual telecommunications access method.

warning error: (sort and RPG II) A possible error condition. Corrective action is required only if the condition is unintentional.

word processing: Processing of business correspondence by use of automated methods.

word processing communication utility (WPCU): A system utility that supports the transfer of documents, via binary synchronous communications (BSC), between word processing systems.

work file: A file on disk that is used by a program during processing. Generally, the executing program allocates a work file by using special allocate. In that case, a // FILE statement need not be specified.

WPCU: Word processing communication utility.

128-byte format: A physical format for diskettes that has twenty-six 128-byte sectors per data track.

512-byte format: A physical format for diskettes that has eight 512-byte sectors per data track.

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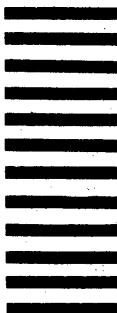
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This technical newsletter provides a replacement page for the subject publication. Pages to be inserted and/or removed are:

Cover

Summary of Amendments

New cover to correct an error in program number.

Note: Please file this cover letter at the back of the manual to provide a record of changes.

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IBM System/32 Displayed Messages Guide

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This technical newsletter, a part of version 7 modification 00 of System/32 (Program Product 5725-SC1, 5725-UT1, 5725-AS1, 5725-FO1, 5725-RG1, and 5725-UT2), provides replacement pages for the subject publication. These replacement pages remain in effect for subsequent versions unless specifically altered. Pages to be inserted and/or removed are:

front cover through edition notice	2-115, 2-116
1-1 through 1-4	2-129, 2-130
2-1, 2-2	2-130.1, 2-130.2 (added)
2-49, 2-50	2-131, 2-132
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2-89 through 2-92	8-5, 8-6
2-99, 2-100	9-1 through 9-16
	back cover

Changes to text and illustrations are indicated by a vertical line at the left of the change.

Summary of Amendments

- Addition of Section 9. FCU Displayed Messages
- Miscellaneous technical and editorial changes

Note: Please file this cover letter at the back of the manual to provide a record of changes.

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