Honeywell

LEVEL 6 SOFTWARE GCOS 6 SYSTEM MESSAGES

SERIES 60 (LEVEL 6)

GCOS 6
SYSTEM MESSAGES

SUBJECT

Messages Generated by the Operating System of Series 60 (Level 6) GCOS 6

SPECIAL INSTRUCTIONS

Messages associated with each software component are described in a separate section.

SOFTWARE SUPPORTED

This publication supports Release 0100 of the Series 60 (Level 6) GCOS 6 MOD 400 Operating System; see the Manual Directory of the latest GCOS 6 MOD 400 *System Concepts* manual (Order No. CB20) for information as to later releases supported by this manual.

ORDER NUMBER

CB06, Rev. 0

January 1978

Honeywell

Preface

This manual describes the messages generated by the Series 60 (Level 6) GCOS 6 operating system. Unless stated otherwise herein, the term Level 6 indicates the specific models of Series 60 (Level 6) hardware on which the software executes.

Section 1 presents a general description of the error and status messages generated by the system software.

Sections 2 through 36 describe the error and status messages by message code, message text, and generally are accompanied by an explanation of the message, possibly with a recommended course of action.

Appendix A describes the procedure for adding user messages to the Honeywell-provided Error Message Library.

© 1978, Honeywell Information Systems Inc.
File No.: 1S13 CB06

MANUAL DIRECTORY

The following publications comprise the GCOS 6 manual set. The Manual Directory in the latest GCOS 6 MOD 400 System Concepts manual lists the current revision number and addenda (if any) for each manual in the set.

Order No.	*Manual Title*
CB01	*GCOS 6 Program Preparation*
CB02	*GCOS 6 Commands*
CB03	*GCOS 6 Communications Processing*
CB04	*GCOS 6 Sort/Merge*
CB05	*GCOS 6 Data File Organizations and Formats*
CB06	*GCOS 6 System Messages*
CB07	*GCOS 6 Assembly Language Reference*
CB08	*GCOS 6 System Service Macro Calls*
CB09	*GCOS 6 RPG Reference*
CB10	*GCOS 6 Intermediate COBOL Reference*
CB20	*GCOS 6 MOD 400 System Concepts*
CB21	*GCOS 6 MOD 400 Program Execution and Checkout*
CB22	*GCOS 6 MOD 400 Programmer's Guide*
CB23	*GCOS 6 MOD 400 System Building*
CB24	*GCOS 6 MOD 400 Operator's Guide*
CB25	*GCOS 6 MOD 400 FORTRAN Reference*
CB26	*GCOS 6 MOD 400 Entry-Level COBOL Reference*
CB30	*Remote Batch Facility User's Guide*
CB31	*Data Entry Facility User's Guide*
CB33	*Level 6/Level 6 File Transmission*
CB34	*Level 6/Level 62 File Transmission*
CB35	*Level 6/Level 64 (Release 0300) File Transmission*
CB36	*Level 6/Level 66 File Transmission*
CB37	*Level 6/Series 200/2000 File Transmission*
CB38	*Level 6/BSC 2780 File Transmission*
CB39	*Level 6/Level 64 (Release 0220) File Transmission*

In addition, the following documents provide general hardware information:

Order No.	*Manual Title*
AS22	*Honeywell Level 6 Minicomputer Handbook*
AT04	*Level 6 System and Peripherals Operation Manual*

Contents

Section 1. General Description of System Messages 1-1
Message Format. 1-1
General User Response to Error Messages 1-3

Section 2. Physical I/O Messages (xx01). . . . 2-1

Section 3. File System Messages (xx02). . . . 3-1

Section 4. Trap Handler Messages (xx03). . . 4-1

Section 5. Clock Manager Messages (xx04). . 5-1

Section 6. Semaphore Function Messages (xx05). 6-1

Section 7. Memory Manager Messages (xx06). 7-1

Section 8. Monitor Error Messages (xx08). 8-1

Section 9. CLM Communications Error Messages (xx0B) 9-1

Section 10. Assembler Messages (xx10) 10-1

Section 11. Linker Messages (11yyzz) 11-1

Section 12. Utility Programs Messages (xx12). 12-1

Section 13. Configuration Load Management Error Messages (xx13). 13-1

Section 14. FORTRAN Compiler Messages (xx14). 14-1

Section 15. FORTRAN Object Time Messages (xx15). 15-1

Section 16. Loader Messages (xx16). 16-1

Section 17. System Command Messages (xx17). 17-1

Section 18. Editor Messages (xx19) 18-1

Section 19. Writeable Control Store Assembler Abort Codes (xx1D) 19-1

Section 20. Writeable Control Store Error Messages (xx1E) 20-1

Section 21. Patch Messages (xx21). 21-1

Section 22. Communications File Transmission Program Messages (xx22). 22-1

Section 23. Macro Preprocessor Messages (xx23). 23-1

Section 24. Export/Import PAM File Program Messages (xx24). 24-1

Section 25. Dump Edit (DPEDIT) Error Messages (xx25). 25-1

Section 26. COBOL Compiler Messages (xx26). 26-1

Section 27. Messages Issued by COBOL Object Time Routines (xx27) 27-1

Section 28. RPG Object Time Error Messages (xx29). 28-1

Section 29. Data Entry Facility Initialization Messages (xx2C) 29-1

Section 30. Sort and Merge Error Messages (xx31). 30-1

Section 31. Remote Batch Facility Messages (xx33). 31-1

Section 32. Multiline Communications Processor (DUMCP) Error Messages (xx34). 32-1

Section 33. ISL Configurator Messages (xx37). 33-1

Section 34. Login/Listener Error Messages (xx39) 34-1

Section 35. Initialization Halt Messages 35-1

Section 36. Operator Interface Manager Messages 36-1

Appendix A. Adding User Messages to the Error Message Library A-1
Message Structure A-1
Adding a Message to the EML A-1
Copying the Index Sequential EML File to a Sequential Work File A-1
Adding the New Messages to the Temporary Sequential EML File A-2
Copying the Sequential Work File to the Index Sequential EML File A-2

Figures

1-1. Sample Default Message 1-1
1-2. Sample Message with Text 1-1
1-3. Sample Physical I/O Message for a Disk Device 1-2
1-4. Sample Physical I/O Message for a Storage Module Device 1-2
A-1. Error Message Structure A-1

Tables

1-1. Component Message Codes 1-2

Section 1

General Description of System Messages

The System software issues error and status messages through the operator terminal, on the error-out file for a particular task group, or via register $R1 upon return from Monitor call functions. These messages consist of a mandatory code portion, an optional text portion and other optional information. (See "Message Format" below for further details.) The text portion of the system messages is stored in the Honeywell-supplied Error Message Library (EML). (NOTE: The EML is not supported on diskette systems.)

By default, only the code portion of a message (possibly preceded by the component-name) and the hardware driver's level number are displayed (see Figure 1-1). You can request that the text portion of the message also be displayed by specifying the "E" argument in the SYS Configuration Load Manager directive (see the *System Building* manual for details) at system building time (see Figure 1-2).

In a system with no operator terminal in its configuration, configuration error messages appear in the control panel registers or are returned to the application program. In interactive mode, when commands are submitted through the operator terminal (or another terminal) error messages are issued in response to the command that has just been entered.

COMPONENT NAME	ERROR CODE	DRIVER'S LEVEL NUMBER
ASSEM:	(101009)	27

Figure 1-1. Sample Default Message

COMPONENT NAME	ERROR CODE	DRIVER'S LEVEL NUMBER	ERROR MESSAGE
ASSEM:	(101009)	27	ILLEGAL COMBINATION OF ARGUMENTS

Figure 1-2. Sample Message with Text

MESSAGE FORMAT

Messages issued by the system appear in the following format:

[component-name:] (xxyyzz) lev [cccc sswd dswd] [message-text]

where:

component-name

Name of the component reporting the error, if known to the system

xx

The code of the component that *reports* the error

yy

The code of the component that *detects* the error

zz

The code of the error type within the "yy" category

lev

CPU physical level number of component reporting the error (hexadecimal- two character positions)

NOTE: The fields cccc, sswd, and dswd apply only to the Physical I/O messages (xx01). (See Figure 1-3 and Figure 1-4.)

cccc

Channel number (hexadecimal- four character positions)

sswd

IORB software status word (hexadecimal- four character positions). (See the *System Service Macro Calls* manual for details.)

dswd

Device-specific word (four character positions displayed for disk devices only; eight character positions displayed, in two words, for storage module devices only). (See the *System Service Macro Calls* manual for details.)

message-text

The text portion of the message. This portion is stored in the EML.

COMPONENT NAME	ERROR CODE	DRIVER'S LEVEL NUMBER	CHANNEL NUMBER	SOFTWARE STATUS WORD	SECTOR NUMBER	ERROR MESSAGE
LS	(020105)	16	1380	0000	0000	DEVICE NOT READY

Figure 1-3. Sample Physical I/O Message for a Disk Device

COMPONENT NAME	ERROR CODE	DRIVER'S LEVEL NUMBER	CHANNEL NUMBER	SOFTWARE STATUS WORD	SECTOR NUMBER		ERROR MESSAGE
LS	(020105)	16	1380	0000	0000	0000	DEVICE NOT READY

Figure 1-4. Sample Physical I/O Message for a Storage Module Device

The value of yyzz constitutes the status or return status code, and is found in $R1 upon return to your code from the system. Depending upon a particular situation, an error detected by one component (yy code) might be *reported* by any of several different components (xx code). (The reporting component calls the Error Handler System.) Consequently the messages in the following lists are in order by the code of the *detecting* component. The component codes are listed in Table 1-1.

If an error is reported and detected by the same component, the xx and yy values will be the same. For example, during the execution of the Assembler, the value 1010zz is appropriate for conditions specific to the Assembler itself, such as "symbol table overflow." However, a value such as 100209 indicates a "file not found" condition detected by the File Manager but reported by the Assembler. When there is no error, a special status code, with yy as 00 and zz as 00, is defined.This 0000 return status is normally not displayed, but is always returned in $R1 in response to a system Monitor call.

TABLE 1-1. COMPONENT MESSAGE CODES

Code	Component
01	Physical I/O
02	File, Data, and Storage Manager
03	Trap Manager
04	Clock Manager
05	Semaphore Functions
06	Memory Manager
08	Monitor

TABLE 1-1 (CONT). COMPONENT MESSAGE CODES

Code	Component
0B	Communications Configuration
10	Assembler
11	Linker
12	Utility Programs
13	Configuration Load Manager
14	FORTRAN Compiler
15	FORTRAN Object Time Routines
16	Loader
17	System Commands
19	Editor
1E	Writeable Control Store (WCS)
21	Patch
22	Communications File Transmission Program
23	Macro Preprocessor
24	Export/Import PAM File Program
25	Dump Edit (DPEDIT) Program
26	COBOL Compiler
27	COBOL Object Time Routines
28	RPG Compiler
29	RPG Object Time Routines
2C	Data Entry Facility
31	Sort or Merge
33	Remote Batch Facility
34	Multiline Communications Processor (MLCP) Dump Routine
37	ISL Configurator
39	Login/Listener
A0-7F	Reserved for system software use
80-EE	User defined
F0-FF	Reserved for system software use

GENERAL USER RESPONSE TO ERROR MESSAGES

In the sections that follow, if no specific action is stated for an error message, you should:

1. Determine the nature of the error from the message text.
2. Correct the error, if possible.
3. If possible, rerun the program in which the error occurred. If the program cannot be rerun or the error cannot be corrected, collect the available documentation of the processing (i.e., dumps, logs, listings) which will be required for problem analysis.

Section 2
Physical I/O Messages (xx01)

For Assembly Language programs that reference Physical I/O through monitor calls, the error code for physical I/O error messages is the rightmost byte of the return status for an I/O transfer request. The return status is contained in register $R1. When the Error Handler System is called, register $B4 must either contain the address of the input/output request block (IORB) used by the peripheral driver or communication line protocol handler when the error was detected or it must contain a null pointer value. If $B4 contains a null pointer value, no additional information (i.e., cccc, sswd, dswd) will be displayed in the error message.

xx0101 SPECIFIED IORB ALREADY IN USE

The in-use bit of the IORB is set on already when the system received the I/O request.

xx0102 INVALID LRN – DEV ID MISMATCH

The logical resource number (LRN) is invalid. This message may be due to a configuration error.

Correct the configuration or task code.

xx0103 ILLEGAL WAIT ON IORB ATTEMPTED

Program logic error in task code.

xx0104 INVALID PARAMETER(S) IN IORB

Invalid parameter(s) passed by component to driver (internal error) or program logic error in task code.

xx0105 DEVICE NOT READY

Prepare device so that it can be used.

xx0106 DEVICE TIMEOUT – NO INTERRUPT

Indicates a possible hardware malfunction.

xx0107 HARDWARE ERROR IN STATUS WORD

Check status bits in software status word (sswd) for specific problem. See the *System Service Macro Calls* manual (Driver).

xx0108 DEVICE S/W DISABLED

This message results from a program logic error.

xx0109 FILE MARK ENCOUNTERED

Used by magnetic tape, card reader devices.

xx010A CONTROLLER UNAVAILABLE

Run controller test and verification. This status implies a serious controller malfunction.

xx010B DEVICE UNAVAILABLE

This message indicates interruption of the physical connection to a terminal after the connect has been made; e.g., a line drop.

xx010C INCONSISTENT REQUEST

Examples of inconsistent request are:
A request for connect when the connect has already been made.
A request for disconnect when the connect has not been made.

xx010D MAG TAPE EOT MARKER DETECTED

xx010E POSITIONED AT MAG TAPE BOT

Section 3

File System Messages (xx02)

For Assembly Language programs that reference the File System through monitor calls the error code for the File System messages is the rightmost byte of the return status of the call for File, Data, or Storage Management Service. Hardware register $R2 must contain the appropriate logical file number (lfn) at the time the Error Handler System Service is invoked. In the following messages, the lfn is also displayed as a two-character hexadecimal number.

xx0201 lfn ILLEGAL PATHNAME

Illegal pathname for file management function (ASFIL, GTFIL, RMFIL, CRFIL, RLFIL, RNFIL, GIFIL, CRDIR, RLDIR, CWDIR, GWDIR, XPATH). Possible causes:

- o Illegal characters or level separators
- o Length exceeds 57 characters
- o Space character is absent

xx0203 lfn ILLEGAL FUNCTION

Illegal file management function. The subfunction code is illegal for the type of file referenced.

For the data management functions RDREC, WRREC, DLREC and RWREC:

(1) the subfunction code is illegal for the type of file referenced. For example: The user issues a read-with-primary-key call to a sequential file (although the read-with-key is a legal parameter the fact that it is a primary key makes it illegal).

(2) a read operation has been issued to an indexed file opened in RENEW mode (i.e., file being loaded).

For the function WRREC: there has been an attempt to append to a tape file, such that a multi-file, multi-volume situation would exist.

For the function RDREC:

(1) a read to a tape file opened in RENEW mode before a write has been issued,

(2) a read after write to a tape file.

Illegal storage management function (RDBLK, WRBLK, WTBLK). The subfunction code is illegal for the type of file referenced. For example write with TM or read with EOT, TM, BOT, or SPACE mode to a disk file.

xx0204 lfn FILE BUSY (I/O IN PROGRESS)

For file management function TSFIL: If the LFN is bidirectional, a write order is queued but not completed. If the LFN is unidirectional, a read or write (depending on the direction that characterizes the LFN) order is queued but not completed. Note that a read is always queued for input terminal devices anticipatory read. This call will not return a busy code if the LFN is bidirectional and is busy because an anticipatory read is queued.

If this is the first time a test-file call is issued following an open-file, this message indicates that the connect has not been completed.

For file management function TIFIL: An input request (read) function is queued but not completed. Note that an anticipatory read is always queued for input terminal devices. In this case the busy indication means that there is no data ready to be moved into the user's record area by a read-record call. A read-record issued while the terminal is busy will cause the task to stall until input is received from the terminal.

If this is the first time a test-file call is issued following an open-file, this message indicates that the connect has not been completed.

For file management function TOFIL: An output request (write) is queued but not completed.

If this is the first time a test-file call is issued following an open-file, this message indicates that the connect has not been completed.

xx0205 lfn ILLEGAL PARAMETER

For file management functions (ASFIL, DSFIL, GTFIL, RMFIL, CRFIL, RLFIL, RNFIL, OPFIL, CLFIL, GIFIL, TSFIL, TIFIL, TOFIL, WIFIL, WOFIL, CRDIR, RLDIR, CWDIR, GWDIR, XPATH): The file information block (FIB) or parameter structure block (PSB) pointer (loaded into register $B4) contains a null value.

Neither a pathname nor an LFN is specified (LFN = 2020; i.e., LFN is void).

For data management functions (RDREC, WRREC, DLREC, RWREC):
(1) The FIB pointer (loaded to $B4) or the input key pointer (for operations requiring a key) contains a null value.
(2) An access request is not compatible with the file organization (e.g., a simple key request to an indexed file).

For storage management function (RDBLK, WRBLK, WTBLK): The FIB pointer contains a null value, the block size is not an increment of 256, the transfer range is 0 or greater than 32K, or the buffer pointer is null.

For file management function CRFIL with the following file types:

Unified files:

The control interval (CI) size is not a multiple of 256.

Fixed Relative files:

The CI size is not a multiple of 128.

Unified Indexed files:

The number of key descriptors is not one.
The key descriptor pointer is null.
The number of key components is not one.
The key component data type is not C or D.

Creating a temporary file:

The CI size is not large enough to hold at least two index entries ((CI size-6)/(key size + 6) is less than 2).
The key is not located within the record.

Unified Relative and Index files:

The record size plus overhead per CI exceeds CI size.

All files:

Initial allocation exceeds maximum specified.
Initial or incremental allocation exceeds extent limit (8191 physical sectors).

xx0206 lfn UNKNOWN OR ILLEGAL LOGICAL FILE NUMBER (LFN)

For file management functions (ASFIL, DSFIL, GTFIL, RMFIL, CRFIL, RLFIL, RNFIL, OPFIL, CLFIL, GIFIL, TSFIL, TIFIL, TOFIL, WIFIL, WOFIL):

For data management function (RDREC, WRREC, RWREC, DLREC):

For storage management function (RDBLK, WRBLK, WTBLK):

For all of these functions, the LFN is not in the legal range for this task group or the LFN was not previously associated with a pathname by an ASFIL call, or with a file by a GTFIL or CRFIL call.

xx0207 lfn LFN OR FILE NOT OPEN

For file management function (CLFIL, TSFIL, TIFIL, TOFIL, WIFIL, WOFIL):

For data management function (RDREC, WRREC, RWREC, DLREC):

For storage management function (RDBLK, WRBLK, WTBLK):

For all these functions, the LFN in the FIB or PSB indicates a file that is known and attached to a task group but one that is not currently opened. The file must be opened before the desired function can be performed.

xx0208 lfn LFN OR FILE ALREADY OPEN

For file management functions (GTFIL, RMFIL, CRFIL, OPFIL): The LFN in the FIB or PSB designates a file that is known, reserved for the task group and is currently opened under the LFN specified. If a GTFIL/RMFIL function call returns this status code it does not indicate that other conflicts (e.g., concurrency conflicts) do not exist.

xx0209 lfn NAMED FILE OR DIRECTORY NOT FOUND

For file management function (GTFIL, RMFIL, RLFIL, RNFIL, GIFIL, CRFIL, RLDIR, CWDIR, CRDIR): The pathname specified is syntactically correct but the file which it describes is not present on any volumes accessible to the requesting task.

For file management function CRFIL, some superior directory is not found.

xx020A lfn ADDRESS OUT OF FILE

For data management function (RDREC, WRREC, RWREC, DLREC): The supplied key (which is either a control interval and line number, or a relative record number) is outside the file boundaries. For example, the file contains 1000 records and the user issues a RDREC for record number 2000.

For RDREC, a read has been issued to a tape file which is positioned at EOF.

For storage management function (RDBLK, WRBLK, WTBLK): The supplied block number is outside the file boundaries.

xx020C lfn VOLUME NOT FOUND

For file management function (GTFIL, RMFIL, CRFIL, RLFIL, RNFIL, GIFIL, CRDIR, RLDIR, CWDIR): A syntactically correct pathname has been specified that identifies a volume that is not currently mounted.

One possible action is to supply the required pathname or mount the missing volume, and rerun the application from the start. See the noncoded MOUNT message for this component, described below.

The following components issue a VOLUME NOT FOUND message:

Loader (any bound unit requested through the loader)
Copy
Compare
List Names
File Dump
EC
File Out
Enter Batch Request } When the lead task begins execution of the
Enter Group Request } request block
Spawn Group
Create Group
All Operator Command Functions
Create File
Create Directory
Release File
Release Directory
Modify File

xx020E lfn RECORD NOT FOUND

For data management function (RDREC, WRREC, DLREC): Record specified by key is deleted or it never existed.

xx0210 lfn LFN ALREADY ASSOCIATED

For file management function (ASFIL): A request has been made to associate an LFN which is already associated with a pathname. The current LFN must be disassociated before another association can be performed.

xx0211 lfn UNABLE TO ESTABLISH A UNIQUE LFN

For file management function (GTFIL, CRFIL): The requested function specifies that an LFN is to be established (search for a currently unused LFN) and there are no more in the pool available to the task group. An existing LFN must be relinquished or the LFN pool must be enlarged.

xx0212 lfn ATTEMPTED CREATION OF EXISTING FILE OR DIRECTORY

For file management function CRFIL: The request to create a file specifies a name that duplicates one which already exists in the containing directory as either a file or directory name.

For file management function RNFIL: The request to rename a file or directory specifies a new name that duplicates one which already exists in the containing directory as either a file or directory name.

For file management function CRDIR: The request to create a directory specifies a name that duplicates one which already exists in the containing directory as either a file or directory name.

xx0213 lfn CANNOT PROVIDE REQUESTED FILE CONCURRENCY

For file management functions (GTFIL, RNFIL): The requested level of concurrency control conflicts with current active usage of the specified file.

For file management function RLDIR: The directory is currently in use; e.g., it is the current working directory of some task.

xx0214 lfn BAD PROGRAM VIEW OF FILE

For file management function OPFIL: The user visibility to the file specified in program view (FIB) does not agree with the information stored in the file directory, or a tape file has been opened and there is no read/write permission specified.

xx0215 lfn NOT ENOUGH CONTIGUOUS LOGICAL SECTORS AVAILABLE

For file management functions (CRFIL, CRDIR): There is not sufficient file space on the specified volume to create the file/directory specified.

For storage management function WRBLK: A write has been issued that requires an additional extent to be allocated but there is not enough space on the volume for another extent.

xx0217 lfn ACCESS VIOLATION

For file management function (OPFIL, WIFIL, WOFIL): A file being opened in RENEW mode has a program view entry in the FIB that does not allow writing.

For data management function (RDREC, WRREC, RWREC, DLREC): An attempt to access the file conflicts with:

Concurrency control established when the file was assigned to the task group (by GET-FILE primitive/command)

Processing rules specified in the FIB

For example, the user issues WRREC when he has only read access or shared read with no write concurrency control.

For storage management function (RDBLK, WRBLK, WTBLK): An attempt to access the file conflicts with:

Concurrency control established when the file was assigned the task group (by GET-FILE primitive/command)

Processing rules specified in the FIB

For example, the user issues WRBLK when he has only read access or shared read with no write concurrency control.

xx0219 lfn NO CURRENT RECORD POINTER

For data management function (RDREC, WRREC): A possible cause is that a previous function left the read/write current pointer at or beyond the end of file.

For data management function (RWREC, DLREC): A key is not supplied in this function call. This means rewrite or delete the "current" record and the previous function was not a read, i.e., there is no current record.

xx021A lfn RECORD LENGTH ERROR

For data management function RDREC: For variable length record files, the record read is larger than the user record area. For fixed length record files, the record read is not the same size as the user record area.

If this is a device file and record size specified in 'in-record-length' is larger than device capacity (defined by CLM directive) the device limit was actually read.

If this is a device file and record size specified in 'out-record-length' is larger than device capacity (defined by CLM directive) the device limit was written and 'out-record-length' was changed to device limit.

For data management function WRREC: Record to be written is larger than the maximum record size for the relative files. A fixed length tape record size (out-record length) does not equal logical record size. For undefined tape files, the record size (out-record length) is greater than the block size.

For data management function RWREC: For all files, except relative files containing variable length records an attempt was made to change the size of a logical record during the rewrite function. For relative files having variable length records, the new record length exceeds the maximum record length declared for the file. The record is not rewritten.

xx021B lfn DUPLICATE KEY

For data management function WRREC: For an indexed file, a record with the same key value already exists in the file. For a relative file, an attempt was made to write with a simple key or relative key to an active record. The record is not written.

xx021C lfn KEY OUT OF SEQUENCE

For data management function WRREC: During loading of an indexed file ("RENEW" mode) a record was not in ascending sequence by key value.

xx021D lfn ATTEMPT TO CHANGE THE SYMBOLIC KEY VALUE

For data management function RWREC: For indexed files an attempt was made to change the record's key value during the rewrite function. The record is not rewritten.

xx021E lfn KEY LENGTH OR LOCATION ERROR

For data management function (RDREC, WRREC, RWREC, DLREC): Key size does not match the size of the key as defined for the file, or the key pointer does not reference the proper key location as defined for the file.

xx021F lfn END OF FILE

For data management function RDREC: End of file was reached. No record was read. If this is a device file the file must be closed and reopened or all subsequent reads will return this status code.

For storage management functions (RDBLK, WTBLK): A tape mark was encountered.

xx0220 lfn ATTEMPTED DELETION OF NON-EMPTY DIRECTORY

For file management function RLDIR: A request was made to delete a directory that contains a file or subordinate directory entries. All files and subordinate directory entries must be deleted separately before the directory can be deleted.

xx0222 lfn PATHNAME CANNOT BE EXPANDED, NO WORKING DIRECTORY

For file management functions (ASFIL, GTFIL, RMFIL, CRFIL, RLFIL, RNFIL, GIFIL, CRDIR, RLDIR, CWDIR, GWDIR, XPATH): A relative pathname was specified as input and there is no current working directory for the task.

xx0223 lfn FILE SPACE LIMIT REACHED OR FILE NOT EXPANDABLE

For the data management function WRREC:
For the storage management function WRBLK:
For the above functions, a write was issued that requires an additional extent to be added, but the file's maximum allocation limit has been reached.

xx0224 lfn DIRECTORY SPACE LIMIT REACHED OR NOT EXPANDABLE

For file management functions (CRFIL, CRDIR): A superior directory may require expansion as a result of adding entries to describe the file or directory. If the superior directory is not expandable or is already expanded to the limit an error occurs. Note that the root or volume major directory is not expandable.

For the data management function WRREC:
For the storage management function WRBLK:
For the above functions, a write was issued that requires an additional remote extent record be added to the superior directory, but the directory space limit was reached.

xx0225 lfn NOT ENOUGH SYSTEM MEMORY FOR BUFFERS OR STRUCTURES

For file management functions (GTFIL, RMFIL, CRFIL, RLFIL, RNFIL, OPFIL, CLFIL, GIFIL, CRDIR, RLDIR, CWDIR): File management unable to obtain enough system memory to build necessary control structures and allocate buffers.

xx0226 lfn NOT ENOUGH USER MEMORY FOR BUFFERS OR STRUCTURES

For file management functions (GTFIL, RMFIL, CRFIL, RLFIL, ASFIL, RNFIL, OPFIL, CLFIL, GIFIL, CRDIR, RLDIR, CWDIR): File management unable to obtain enough user memory to build necessary control structures and to allocate buffers.

xx0227 lfn INDEX LIMIT EXCEEDED WHILE LOADING AN INDEXED FILE

For data management function WRREC: The maximum number of four levels of index was reached during file loading.

xx0228 lfn ILLEGAL FILE TYPE

For file management function CWDIR: Attempt was made to change the working directory to a file. For function GIFIL, attempt made to call GIFIL for the SPD directory. For RNFIL, attempt was made to rename the volume major directory or a nondisk file.

xx0229 lfn FILE NOT KNOWN TO TASK GROUP

For file management function RMFIL: The file was not reserved by the user requesting the remove action.

xx022A lfn RECORD LOCK AREA OVERFLOW OR NOT DEFINED

For the file management function GTFIL: No record lock area has been defined and the get-file MCL specifies record locking.

For the data management functions RDREC, WRREC, RWREC, and DLREC: The record lock area has overflowed. This can be as a result of accessing the file with locking and no unlocking is ever done, the lock area is configured to be too small, or a sequential (next) operation to a file has been done where many records have to be inspected in order to locate to the requested record.

xx022B lfn REQUESTED RECORD IS LOCKED

For the data management functions RDREC, WRREC, RWREC, and DLREC: The record or a record that must be read in order to locate the requested record is currently locked by another user (task or task group).

xx022C lfn ACCESS CONTROL LIST (ACL) VIOLATION

For the file management functions GTFIL, OPFIL, GIFIL: The user does not have the required access to the specified file or directory, and for CRFIL, RLFIL, RNFIL, CRDIR, RLDIR the user does not have the required access to the directory superior to the specified file or directory.

xx022D lfn ACCESS CONTROL LIST (ACL) ENTRY NOT FOUND

A request has been made to change or delete a nonexistent access control list or common access control list entry.

xx022E lfn RECORD LOCK CONCURRENCY CONFLICT

For the file management functions GTFIL and OPFIL: Another user (task or task group) has reserved the file with record locking and this request for reservation is without lock – or – another user has reserved the file without locking and this reservation request is with locking.

A GET command is issued with the -LOCK parameter and the program issues a $GTFIL MCL which specifies an absolute 'no lock' environment.

xx0230 lfn TAPE LABEL INCONSISTENCY

For the file management function OPFIL: There has been an
(1) attempt to open a tape file with 'unlabelled tape' indicated but a labelled tape is mounted,
(2) attempt to open a tape file with 'labelled tape' indicated but an unlabelled tape is mounted;
(3) attempt to open a tape file for data management in RENEW mode with 'labelled tape' indicated but no file name specified.

xx0231 lfn UNEXPECTED TAPE EOT ENCOUNTERED

For the file management function OPFIL: For a tape file opened in RENEW mode, unable to write header label group before EOT encountered or tape already positioned at EOT.

For the data management function RDREC: The end-of-file was encountered while positioning a tape file, or an attempt has been made to append to a tape file and current trailer label group is already at EOT.

For storage management function WRBLK, the physical end of the tape has been reached.

xx0232 lfn INVALID TAPE FILE HEADER OR TRAILER LABEL

For the file management function OPFIL: For tape files:
(1) HDR1 is not the first label of a header label group.
(2) for open in RENEW mode, TM/HDR1 label was not found at the point where the header label group of the new file is to be written (i.e., no existing file).
(3) for open in PRESERVE mode, a HDR2 is present but no EOF2/EOV2 trailer is present or an HDR1 is present but no EOF1/EOV1 is present.
(4) the first label of a trailer label group is not an EOF1/EOV1.

xx0233 lfn TAPE FILE SEQUENCE NUMBER ERROR

For the data management function RDREC: For multi-volume tape files, the file section number read from the next volume is not the next section of the file (i.e., the wrong next volume was mounted). Another mount request is issued as well.

For the file management function OPFIL:
(1) For tape files where the file name *is not* specified, the 'file sequence number' does not equal the sequence number of the next file.
(2) For tape files where the file name *is* specified, the 'file sequence number' does not equal the sequence number of the file itself.

xx0236 lfn TAPE BSN OR TRAILER LABEL BLOCK COUNT ERROR

For the data management function RDREC: A file section has been processed and the BSN value in the EOF1/EOV1 label is not equal to the number of blocks in the file section.

xx0237 lfn INVALID RECORD OR CONTROL INTERVAL FORMAT

For the file management function OPFIL: A tape file was opened for input and the record format field in HDR2 label is not 'F,' 'D' or 'U.'

The following messages do not have codes (the first three are issued for errors that occur when a disk or tape volume is first placed on a drive):

UNABLE TO RECOGNIZE VOLUME ON drive-name

Unable to read the volume label because the pack is not formatted or there is a drive malfunction.

VOLUME LABEL NOT PROPERLY FORMATTED ON drive-name

Incorrect information in the volume label.

DUPLICATE VOLID volume-name ON drive-name

A volume of the same name is currently mounted.

MOUNT pathname

The application is trying to reserve a file via $GTFIL or $CWDIR on a volume unknown to the system. Mount the requested volume and execution of the application will continue. The task issuing the call to File System waits until the volume is mounted. A message to mount a tape volume is issued only if there is no volume on the drive. For tape processing, no message is issued until the user attempts to open the file. If a tape volume different from the one requested is on the drive, a VOLUME NOT FOUND message is issued. The following components issue a MOUNT DISK VOLUME message:

Editor
Assembler
Macro Preprocessor
Cross-Reference Program
Create Volume
COBOL, FORTRAN, and RPG object time routines
Print

If the message is caused by an error in the volume-name portion of the pathname, enter the following operator RAS command to unblock the task and leave the wait state:

RAS – CANCEL ^volid

where volid is the volume-name portion of pathname in error; the system returns a VOLUME NOT FOUND message and the application can be rerun from the start.

VOLUME IN USE! REMOUNT volume-name ON drive-name

Message is issued when a user removes a disk or tape volume that is still reserved for use; e.g., current working directory points to a directory on the volume or a file on the volume is open. The application continues to run.

REMOUNT volid ON drive-name

Application attempts input/output to a disk or tape volume that is disabled but still reserved for use; e.g., the volume was dismounted or cycled down. Application goes into the wait state. Either mount the required volume or issue a RAS command to cancel the assignment.

DISMOUNT volume-name ON drive-name

MOUNT volume-name ON drive-name

The user previously removed a reserved disk or tape volume, then mounted a different volume; i.e., one with a different volume id. The second (MOUNT) message requests that the user mount the reserved volume that was previously mounted.

The following messages apply to magnetic tape files only:

MOUNT FILE SECTION number OF volid ON drive-name

The user is processing a multi-volume file opened for input only. The requested data is not on the reel currently mounted. The message tells the operator to mount the next reel in the sequence. The issuing task waits until the correct reel is mounted.

MOUNT NEXT REEL OF volid ON drive-name

The user is processing a multi-volume file opened for output. The current write request has encountered the end-of-tape (EOT). The message tells the operator to mount another reel of the file. The issuing task waits until the correct reel is mounted.

Section 4

Trap Handler Messages (xx03)

All traps, except the "cleanup" and "program interrupt" traps, directed to the default trap handler are treated as fatal error conditions. The cleanup and program interrupt traps are ignored by the default trap handler.

Each error type code (i.e., 22) in the following messages except codes 41 through 44 is the number of the trap vector. Error type codes 41 through 44 pertain to improper use of user trap functions.

xx0302 BREAK INSTRUCTION

This trap is normally handled by the Debug program.

xx0303 SIP OPERATION NOT IN THE HARDWARE

Trap 3 occurs if the instruction is a scientific floating-point instruction. If the SIP Simulator is present, it serves as a trap handler for trap 3, and the trap is not visible to the user. If the SIP and the SIP Simulator are not present, the user must provide a trap handler or the task will be aborted.

xx0304 UNRECOGNIZED INSTRUCTION – SIP SIMULATOR PRESENT

See explanation for message xx0305.

xx0305 UNRECOGNIZED INSTRUCTION

If the instruction is a scientific branch instruction, the SIP Simulator if present serves as a trap handler. If the instruction is a scientific branch instruction and the SIP Simulator is not present, the task is aborted unless the user provides a trap handler for it.

If the SIP Simulator is present, all other unrecognized instructions including double precision instructions on a single precision simulator produce a trap to trap 4. If trap 5 occurs and the SIP Simulator is not present the task will be aborted unless the user provides a trap handler.

xx0306 INTEGER ARITHMETIC OVERFLOW

This trap occurs when the overflow bit in the I-register is set to 1 as a result of an operation on an R-register while the M-register "overflow trap enable" bit for this R-register is set to 1.

xx0307 SCIENTIFIC DIVIDE BY ZERO

This trap occurs when an SDV (scientific divide) instruction is encountered that has a divisor of zero.

xx0308 SCIENTIFIC EXPONENT OVERFLOW

This trap occurs during the execution of a scientific instruction if exponential overflow takes place.

xx030D UNPRIVILEGED USE OF PRIVILEGED OPERATION

This trap occurs when the central processor attempts to execute a privileged instruction while running in unprivileged mode.

xx030E UNAUTHORIZED REFERENCE TO PROTECTED MEMORY

This message can occur when an STG (Status Task Group) is executed in the batch task group on a Model 6/43 with a memory management unit (MMU).

At the first opportunity, the operator should abort the task group request (ABR).

xx030F REFERENCE TO UNAVAILABLE RESOURCE

This trap occurs when the central processor attempts to process an instruction and one of the following conditions exists. (1) The effective address developed is outside specified limits. (2) An input/output instruction contains an improper channel number. (3) A WDTN (Watchdog Timer ON) or WDTF (Watchdog Timer OFF) instruction occurs when the watchdog timer is not installed.

xx0310 CPU DETECTED PROGRAM LOGIC ERROR

This trap occurs when (1) the central processor attempts to execute an ETT (Return From Trap) instruction normally issued by a trap handler and a trap save area to be dequeued cannot be found, or (2) the central processor attempts to execute an instruction that illegally contains a register address syllable.

xx0311 MEMORY OR MEGABUS ERROR

This trap occurs when an uncorrectable memory error or a megabus parity error is detected.

xx0313 SCIENTIFIC EXPONENT UNDERFLOW (IF ENABLED)

This trap results from an operation that generates a characteristic value of 128 too large while the EUM enable bit in the SIP trap mask register ($M5) is set to 1.

xx0314 SIP DETECTED PROGRAM ERROR

This trap occurs when program errors are detected by the SIP. Note that program errors detected by the CPU activate trap vector 16.

xx0315 SCIENTIFIC SIGNIFICANCE ERROR

This trap results from an operation in which an integer is truncated during a floating-point to integer conversion while the SE enable bit in the SIP trap mask register ($M5) is set to 1.

xx0316 SCIENTIFIC PRECISION ERROR

This trap results from an operation in which the nonzero portion of a fraction is truncated while the PE enable bit in the SIP trap mask register ($M5) is set to 1.

xx0317 REFERENCE TO UNAVAILABLE RESOURCE

External processor detected that resource is not available.

xx0318 MEMORY OR BUS ERROR

An external processor detected a memory or bus (parity or noncorrectible EDAC) error.

xx0319 CIP DIVIDE BY ZERO

xx031A CIP ILLEGAL SPECIFICATION

xx031B CIP ILLEGAL CHARACTER

xx031C CIP TRUNCATION ERROR (IF ENABLED)

This error message is issued if the CIP is enabled.

xx031D CIP OVERFLOW (IF ENABLED)

This message is issued if the CIP is enabled.

xx0332 SIMULATOR ISA TOO SMALL

The simulator specified by the configuration LDBU directive did not have a proper parameter configured for it in the SYS directive.

xx0341 ILLEGAL TRAP ADDRESS

Address of trap handling routine is invalid. Trap handler entry is not connected. Occurs after a break is issued to a program that does not support the break function.

xx0342 ILLEGAL TRAP NUMBER

Trap requested is not user class trap.

xx0343 NO TRAP HANDLER PROVIDED

Trap handler entry not connected. Occurs after a break is issued to a program that does not support the break function.

xx0344 TRAP HANDLER NOT ENABLED FOR SPECIFIC TRAP

Occurs after a break is issued to a program that does not support the break function.

Section 5

Clock Manager Messages (xx04)

xx0401 ILLEGAL DATE, TIME, OR INTERVAL VALUE

xx0402 INVALID RECEIVING FIELD LENGTH

Invalid receiving field length in conversion to external date/time.

xx0403 INVALID BASIC TIMER SPECIFIED

Occurs only on requests for Clock Manager services.

xx0404 REFERENCED CRB NOT FOUND ON CLOCK QUEUE

Occurs only on cancellation of requests for Clock Manager services.

xx0405 INVALID CLOCK REQUEST BLOCK (CRB) FORMAT

xx0406 CLOCK REQUEST BLOCK (CRB) DEQUEUED

CRB dequeued by another task while wait in progress.

xx0407 INVALID EXTERNAL DATE

xx0408 INVALID EXTERNAL TIME

Section 6

Semaphore Function Messages (xx05)

xx0501	RESOURCE UNAVAILABLE
xx0502	UNDEFINED SEMAPHORE OR SEMAPHORE REQUEST BLOCK
xx0503	DUPLICATE SEMAPHORE NAME
xx0504	SEMAPHORE REQUEST CANCELLED
xx0505	SEMAPHORE REQUEST BLOCK NOT ACTIVE

Section 7

Memory Manager Messages (xx06)

xx0601 ILLEGAL MEMORY SIZE OR MEMORY POOL

xx0602 MEMORY UNAVAILABLE

Insufficient space in memory pool for memory requested.

xx0603 BLOCK RETURNED IS OUT OF MEMORY

Block returned by the batch queue's task group is not within its own memory pool, or block returned by any other task group is not within the managed memory.

xx0606 POOL ID NOT FOUND

xx0607 INVALID WAIT ARGUMENT OR CONFIGURATION ERROR

Improper $R2 value for memory request, or fatal error beyond user control during configuration (no rollout code available).

Section 8

Monitor Error Messages (xx08)

xx0801	REQUEST BLOCK BUSY (CRB, IORB, IRB, RB, or SRB)
xx0802	INVALID LRN
xx0803	INVALID WAIT
xx0804	DUPLICATE GROUP-ID
xx0805	UNBALANCED DELIMITERS IN COMMAND LINE
xx0806	INVALID GROUP-ID
xx0807	INVALID MEMORY POOL-ID
xx0808	INVALID LEVEL
xx0809	ILLEGAL HIGH LRN
xx080A	ILLEGAL HIGH LFN
xx080B	ILLEGAL USER-ID
xx080C	UNRESOLVED SYMBOLIC START ADDRESS
xx080D	GROUP NOT SUSPENDED
xx080E	REFERENCED BATCH REQUEST DOES NOT EXIST
xx080F	SYSTEM FILE UNDEFINED
xx0810	ILLEGAL MCL MAJOR FUNCTION CODE
xx0811	ILLEGAL MCL MINOR FUNCTION CODE
xx0812	INVALID LRN (TASK ABORTED OR BEING DELETED)
xx0813	DUPLICATE LRN
xx0814	NO REQUEST TO BE DEQUEUED
xx0815	NO FDB/DDB DEFINED
xx0816	NO WORK AREA DEFINED
xx0817	MEMORY ACCESS VIOLATION
xx0818	NO TASK GROUP WITH SPECIFIED GROUP-ID EXISTS
	Only occurs for suspend/activate functions.

xx0819	GROUP IS NOT SUSPENDABLE
xx081A	SUSPEND IN PROGRESS
xx081B	ROLLOUT OF ON-LINE TASK GROUP ATTEMPTED
xx081C	ROLLIN ATTEMPTED, BATCH TASK NOT ROLLED OUT
xx081D	BATCH TASK GROUP ALREADY ROLLED OUT
xx081E	UNRECOVERABLE MEDIA ERROR (ROLLOUT OR ROLLIN)
	This error prevented successful completion of either rollout or rollin
xx081F	GROUP NOT SUSPENDED
xx0820	MAXIMUM COMMAND LINE LENGTH EXCEEDED
xx0821	ERROR LOADING A SYSTEM OVERLAY
xx0822	INSUFFICIENT MEMORY FOR SYSTEM WORK SPACE
xx0823	WORK SPACE OVERFLOW
xx0824	REQUEST HAS BEEN CANCELLED
xx0825	INVALID RB FOR DEFERRED TASK OR GROUP REQUEST
xx0832	ADDRESS OF WAIT LIST IS NULL
xx0833	WAIT LIST SPECIFIES WAIT FOR ZERO EVENTS
xx0834	ZERO LENGTH WAIT LIST
xx0835	WAIT LIST SPECIFIES MORE EVENTS THAN RBs

Section 9

CLM Communications Error Messages (xx0B)

The communications extension to the Configuration Load Manager (CLM) checks the user's description of the hardware and software and reports any inconsistencies as shown by the following messages. The format of these messages is given below.

```
xx0Bzz      3E
[additional information]
[command]
```

First line
xx indicates the component that reports the message
0B indicates the message is detected by the communications extension
zz is the error code
3E is the level on which the CLM runs

Second line
The additional information, if any, depends on the error as shown below.

Third line
Where applicable the directive in which the error occurs is reproduced. If a directive is printed but there is no additional information the directive appears on the second line.

xx0B01	COMM DIRECTIVE MUST PRECEDE DESIGNATED DIRECTIVE
directive	TTY, VIP, BSC or LPHn directive is given before a COMM directive.
xx0B02	COMM DIRECTIVE ALREADY GIVEN
interrupt level directive	The interrupt level is that specified in the first COMM directive.
xx0B03[1]	DIRECTIVE IS MISSING
xx0B04[1]	LOADING ERROR
$CRTSK or loader error	Error in loading communications supervisor/MLCP driver bound unit.
xx0B10	MODEM NUMBER OR LPH NUMBER OUT OF RANGE
modem or LPH number directive	Modem number in MODEM is not in the range 3 through 15 or LPH number in LPHDEF is not in the range 0 through 3.
xx0B11	LRN OUT OF RANGE
lrn directive	LRN in TTY, VIP (screen or ROP), BSC, LPHn or STATION directive is not in the range 0 through 255.

[1] After this message, the system halts.

xx0B12 INTERRUPT LEVEL OR REQUEST LEVEL OUT OF RANGE

level directive — Interrupt level in COMM directive is not in the range 0 through 62, or request level in TTY, VIP, BSC, or LPHn directive is not in the range interrupt level +1 through 62.

xx0B13 INVALID CHANNEL NUMBER

channel number directive — Low order 6 bits of channel number in TTY, VIP, BSC, or LPHn directive are not all zeros.

xx0B14 MODEL NUMBER UNDEFINED OR OUT OF RANGE

modem number directive — Modem number in TTY, VIP, BSC, or LPHn directive is not in the range 0 through 2, or is not defined in a MODEM directive.

xx0B15 INVALID SPEED VALUE

speed directive — Speed in TTY or LPHn directive is not 50, 75, 110, 134, 150, 300, 600, 900, 1200, 1800, 2400, 3600, 7200, or 9600.

xx0B16 POLL ADDRESS OUT OF RANGE

poll address directive — Poll address in VIP directive is not in the range 0 through 31.

xx0B17 INVALID FIRST CHARACTER OF CONTROL/TRIBUTARY

first character directive — First character of control/tributary in VIP directive is not C or T.

xx0B18 INVALID ROP TYPE

directive — ROP type in VIP directive is not TTY33, TTY35, TN100, TN150, TN300, or TN1200.

xx0B19 DESIGNATED ROP FORM FEED IS INVALID

first two characters directive — First two characters of ROP form feed in VIP are not F0 or N0.

xx0B1A FIRST CHARACTER OF PRIMARY/SECONDARY INVALID

first character directive — First character of primary/secondary in BSC directive is not P or S.

xx0B1B FIRST TWO CHARACTERS OF CHARACTER SET INVALID

first two characters directive — First two characters of character set in BSC directive are not AS, EB, or TE.

xx0B1C	FIRST TWO CHARACTERS OF FDX/HDX INVALID
first two characters directive	First two character of FDX/HDX in LPHn directive are not FD or HD.
xx0B21	DUPLICATE LRN
lrn directive	LRN in TTY, VIP (screen or ROP), BSC, LPHn or STATION directive is the same as the lrn for another device or task.
xx0B22	INVALID INTERRUPT LEVEL OR REQUEST LEVEL
level directive	Interrupt level in COMM directive or request level in TTY, VIP, BSC, or LPHn directive has been specified for a noncommunications device or for a task.
xx0B23	INVALID CHANNEL NUMBER
channel number directive	Channel number in TTY, VIP, BSC, or LPHn directive is the same as the channel number of a noncommunications device, or Two communications devices have the same channel number but are separated in the CLM file by a communications device with a different channel number, or The channel number is the same as the channel number of a communications device using a different line protocol handler, a different modem type, or a different speed, or The channel number is the same as the channel number of another TTY or BSC device.
xx0B26	CHANNEL NUMBER INCOMPATIBLE WITH POLL ADDRESS
poll address directive	Channel number and poll address in a VIP directive are the same as the channel number and poll address in another VIP directive, or The channel number in a VIP directive in which a poll address is specified is the same as the channel number in another VIP directive in which no poll address is specified.
xx0B27	CPU CANNOT BE A TRIBUTARY ON A POLLED LINE
directive	Control/tributary in a VIP directive in which a poll address is specified is T. The CPU may not be a tributary station on a polled line.
xx0B28	INVALID ROP TYPE OR FORM FEED
directive	ROP type or form feed is specified in a VIP directive in which no LRN is specified for an ROP.
xx0B33	LINE ADAPTOR OR DEVICE ERROR
channel number directive	No line adaptor or device at channel specified in TTY, VIP, BSC, or LPHn directive.

xx0B33 LINE ADAPTOR OR DEVICE ERROR

ID directive ID of line adaptor or device at channel specified is not x'21xx' or

ID of line adaptor at channel specified in a TTY directive or an LPHn directive in which a speed is specified is not x'2108', x'2110', or x'2118', or ID of line adaptor at channel specified in VIP or BSC directive is not x'2158'.

xx0B40[2] FUNCTION NUMBER OUT OF RANGE

Initialization subroutine called ZGQISB with function number not in the range 0 through 4.

xx0B41[2] CCP REQUIRES TOO MUCH MEMORY

LPH initialization tried to load a CCP into MLCP memory and the CCP did not fit into the 3072-byte area for CCPs.

xx0B48[2] CCP OR LCT CANNOT BE LOADED – MLCP REPEATEDLY BUSY

LPH initialization tried to load a CCP or LCT into MLCP memory and the MLCP was repeatedly busy.

xx0B49[2] CCP OR LCT CANNOT BE LOADED – UNCORRECTED MEMORY ERROR

LPH initialization tried to load a CCP or LCT into MLCP memory and the MLCP detected an uncorrected main memory error.

xx0B4A[2] CCP OR LCT CANNOT BE LOADED – INCORRECT PARITY

LPH initialization tried to load a CCP or LCT into MLCP memory and the MLCP detected incorrect parity for a character on the megabus.

xx0B4C[2] CCP OR LCT CANNOT BE LOADED – INVALID ADDRESS

LPH initialization tried to load a CCP or LCT into MLCP memory at an invalid main memory address.

xx0B51 LRN NOT ASSOCIATED WITH A CONFIGURED COMM DEVICE

The LRN specified on an auto call unit (ACU) directive does not match the LRN of an already-configured communication (COMM) device.

xx0B53 INVALID CHANNEL NUMBER

The channel number specified on an ACU directive does not correspond to that specified for the COMM device on a TTY directive.

xx0B54 INVALID PHONE NUMBER

A supplied phone number, on an ACU directive, is either too large or contains an illegal character. Legal characters are 0 - 9, * and -.

[2] After this message, the system halts.

Section 10

Assembler Messages (xx10)

xx1007 INVALID CONTROL ARGUMENT

Invalid control argument in the ASSEM command.

Reenter ASSEM command using valid control argument.

xx1009 ILLEGAL COMBINATION OF ARGUMENTS

Conflicting control arguments (e.g., SAF and LAF) have been specified in the command line.

xx100A INSUFFICIENT MEMORY TO BEGIN EXECUTION

Rerun in a pool of larger size, or reinitialize increasing the size of the current pool.

xx100B INVALID -SIZE ARGUMENT

Reenter command using a valid -SIZE argument (1 through 64).

xx100C FILE NAME NOT DESIGNATED

The first (or only) argument of the ASSEM command must designate the file name of the source module to be assembled.

Reenter the command.

xx100D SYMBOL TABLE OVERFLOW

Rewrite the source module so that some labels are temporary rather than permanent, or

Rewrite the source module so that it is several smaller modules, or

If additional memory is available, change the -SIZE argument and reenter the command.

xx100F INSUFFICIENT MEMORY TO PRODUCE XREF LISTING

Rewrite the source module so that some labels are temporary rather than permanent, or

Rewrite the source module so that it is several smaller modules, or

If additional memory is available, change the -SIZE argument and reenter the command.

The following messages are uncoded:

ASSEM nnnn mm/dd/hhmm

This message appears when the assembler is turned on; nnnn is a release identification, mm/dd the month and day on which the linkage occurs, and hhmm the time (hours and minutes) of the linkage.

mmmm ERR COUNT

This message appears when the assembler is finished; mmmm is the number of errors.

Section 11

Linker Messages (11yyzz)

Text messages from the linker are sent to the error-out file and the LIST file (determined by the -COUT argument in the LINKER command). If the Monitor reports a system error that results in termination of the Linker, an error message in the form 11yyzz is sent to the error-out file before termination. Such errors will usually be data management errors producing messages in the form 1102zz. Text messages generated by the Linker appear without numeric identification.

LINK TERMINATED

Linker execution is terminated. The link was unsuccessful. This message appears after each of the following messages that result in termination of the Linker.

OVERLAY overlay-name HAS BEEN MULTIPLY DEFINED

Each overlay name must be unique. This message indicates that a name has been used twice as an overlay name or as both an overlay name and an external value definition. The link is terminated.

Correct the overlay name and relink.

IST ERR

The name specified in the IST directive is not found in the Linker symbol table. This message is for information only.

NO WORK FILE – NO LINK OUTPUT

Not enough work space is available in the working directory to allow for the initial allocation of LNKWRK.W, or an I/O error has occurred on the LNKWRK.W file on the working directory. The link is terminated.

Relink with more space in the working directory.

PATHNAME TOO LONG

The pathname of the input object file including the automatically appended .O is too long. The link is terminated.

Check the working directory and filenames and relink. Maximum length is 34 characters.

CMD ERR

The linker directive is invalid.

Correct the directive. Linking continues.

TBL OV

The space allocated to the Linker symbol table is too small. The link is terminated. Relink increasing the value of the -SIZE argument in the command.

RT/OV TOO BIG

The root or overlay being linked is greater than 64K words or it has an invalid start address. The link is terminated.

DATA SPACE ON OUTPUT FL EXCEEDED

There is not enough room on the output device to hold the bound unit. The link is terminated. No bound unit is created.

Relink using another directory or disk for the output file.

RD ERR – OUTFL

A read I/O error in the bound unit file has occurred. The link is terminated.

Relink using another directory or disk for the output file.

NO LINKER OUTPUT

The link has not been successfully completed. There is no executable bound unit.

NO LINKER COMMAND FILE

The Linker command file as specified in the LINKER command (-IN) does not exist. The link is terminated.

Resubmit the LINKER command with the corrected -IN argument.

NO LIST FL – NO MAPS

A problem on the list file has been encountered by the Linker. No list file will be created.

INV SZ ARGUMENT

The specified size of the -SIZE argument was not in the range of 1 to 32K inclusive. The link is terminated.

{LAF OR SLIC / SAF OR SLIC / SLIC} object-file-name.O NT FND

The object file specified in a Link or Link N directive was not found in the input directories, or the file was assembled or compiled in the wrong mode.
A LAF bound unit (BU) may only contain LAF or SLIC object files
A SAF bound unit may only contain SAF or SLIC object files.
A SLIC BU may only contain SLIC object files.

INV OBJ

Assembler or compiler object unit contains an invalid record. The first 12 characters of the buffer containing the invalid record appear just prior to this message.

Recompile/assemble and relink.

symbol-name – UNDEF OFFSET

An external reference with an offset was made to the named symbol not yet defined.

Relink with the object modules in a different order or correct the source and recompile/assemble.

INSUFFICIENT MEMORY

The available memory in the task group's memory pool is less than that specified in the -SIZE argument.

LINK DONE

This message is produced when the link has been successfully made. If this message does not appear, the bound unit, if it exists, is not executable.

ROOT (BU-name)

The name of the bound unit is displayed when all directives have been read. Linking continues and the "LINK DONE" message is produced after successful linking.

POSSIBLE MISUSE: ORG, BASE or COMMON INITIALIZATION

This message indicates that the "org" in an Assembly Language object file or a Linker BASE directive has been misused. A program can never contain an area of code defined more than one time when that code consists of IMAs or external forward references.

LIST FILE

An error has been encountered when the Linker tried to write to the list file. The list file is the file specified in the -COUT argument. If no list file is specified, the default list file is created with the name BU-name.M on the directory which contains the bound unit.

Section 12

Utility Programs Messages (xx12)

xx1201 ILLEGAL PATHNAME

If the directive is COPY/COMPARE, the pathname is a directory and not a file.
If the directive is LIST NAMES, the pathname is not a directory.

Correct and reenter the command line.

xx1202 ILLEGAL NUMBER OF ARGUMENTS

The number of arguments specified is illegal for this command.

Correct and reenter the command line.

xx1203 NUMERIC FIELD ERROR

An argument has an illegal numeric value.

Correct and reenter the command.

xx1204 ILLEGAL ARGUMENT LENGTH

One of the specified arguments exceeds its allowable length.

Correct and reenter the command line.

xx1207 ARGUMENT NOT RECOGNIZED

One of the specified arguments is not among the allowable set for this command.

Correct and reenter the command line.

xx1209 ILLEGAL COMBINATION OF ARGUMENTS

Arguments specified with this command are mutually exclusive.

Correct and reenter the command line.

xx120E NO MATCH ON *–NAME OR ILLEGAL ENTRY NAME

Using the star names option, the utility was unable to find any file that matched the requested star convention; or, an illegal entry name was entered on the LS command line.

Reenter the corrected command line.

xx120F ALLOCATED SPACE EXCEEDED

On COPY directive, end of output is reached before end of input.

Correct the problem in the output file/volume and reenter the command.

xx1211 REDUNDANT ARGUMENT

Control argument was previously specified on the command line.

Correct and reenter the command line.

xx1212 REQUIRED ARGUMENT MISSING

Correct and reenter the command line.

xx121A DEVICE TYPE ILLEGAL FOR REQUESTED FUNCTION

An attempt was made to perform a function on a device type which is not legal for that function.

Reenter the command with the correct device type for input or output.

xx121B FILES/VOLUMES DO NOT COMPARE

This is an informational message at the termination of the CPA.

xx121C DEFECTIVE SECTOR INDEX IS FULL

Create_Volume (CV) terminates. The number of defective sectors found on the volume exceeds the maximum acceptable for this device.

Retry; if error persists discard the pack.

xx121D ILLEGAL VOLUME NAME

During CV, the name specified with a -FT or -RN does not conform to the rules governing allowable names.

Reenter the command with an acceptable name.

xx121E BUFFER EMPTY

Using the File_Change (FC) command, a Read (R) directive was not issued before a Print (P) or Change (C) directive.

Issue the Read directive and continue processing.

xx121F LOCATION IS OUT OF BOUNDS

Using the File_Change (FC) command, the displacement associated with the Change directive is outside of the buffer range.

Resubmit the command with the proper displacement.

xx1220 VERIFICATION FAILED

Using the File_Change (FS) command, the 'old value' in the Change (C) directive did not verify.

Section 13

Configuration Load Management Error Messages (xx13)

Error messages generated by the Configuration Load Manager have the format:

(xx13zz) hh
[s] [msg]

zz is the error number
hh is the level of the task group in which the CLM is operating
s and msg are secondary messages.

If s and msg are missing, the second line of the error notice is omitted; if s is missing (but msg is present) spaces are substituted for s. The meaning of s and msg depends on the message as explained in the error message listing below.

For all messages that begin with the word CMD, the faulty directive statement is printed on ERROR OUT and the next directive, only if read from COMMAND IN. The operator then has the option of correcting the directive or bypassing it (by typing an asterisk followed by a carriage return). The next directive after the operator action will be read from USER IN.

If an error notification occurs in the execution of the CLM and there is no operator terminal configured, the system will halt with the following register contents:

($R1) = Primary error number (13zz)
($R2) = Secondary error number, if applicable
($B3) = Pointer to directive buffer (If zz is a CMD error)
($B4) = Pointer to secondary text buffer (Null if no secondary text)

Processing can be continued after this type of halt by clearing $R1, then running.

xx1301 CMD DIRECTIVE INVALID

The directive has been misspelled, or it does not begin in in column 1 of the line.

xx1302 CMD ARGUMENT REQUIRES DECIMAL DIGIT

s Nondecimal digit specified where decimal is required. The argument number is s.

xx1303 CMD ARGUMENT REQUIRES SMALLER DECIMAL NUMBER

s The argument number is s.

xx1304 CMD ARGUMENT REQUIRES HEX DIGIT

s Nonhexadecimal digit specified where hexadecimal is required. The argument number is s.

xx1305 CMD ARGUMENT REQUIRES SMALLER HEX NUMBER

s The argument number is s.

xx1306 CMD INCLUDES AN ARGUMENT ERROR

s The argument number is s. This message is issued if:

1. A terminal apostrophe has been omitted,
2. 64 characters have been collected or the end of line has been reached,
3. A string beginning with an alphabetic character rather than an apostrophe is longer than 64 characters.

xx1309 HALT. CANNOT LOAD CLM COMMAND DIRECTORY

s msg The load status is s (yyzz for messages described in this manual). The name of the directory is msg. To try again to load, press RUN and EXECUTE.

To continue without a retry, change $R1 to 0 and then press RUN and EXECUTE.

xx130A CANNOT READ COMMAND FROM USER IN

s Only the next command is read from COMMAND IN. An s of 021F indicates that no QUIT command was encountered before the end of file.

xx130F CMD ERROR DUE TO MISSING OR FAULTY ARGUMENT

A required argument is missing or the wrong type of argument is used. The types are numeric and alphanumeric.

xx1310 CMD (SYS) INCLUDES INVALID SIP ARGUMENT

xx1311 CMD (SYS) INCLUDES INVALID OLAN ARGUMENT

xx1312 CANNOT ASSIGN OP TERMINAL

s Cannot assign operator terminal; s is the error code.

xx1313 CMD (MEMPOOL) CONFLICTS WITH PREVIOUS COMMAND

A preceding MEMPOOL command specified an exclusive type pool requiring all of the pool area (SIZE was *, i.e., the rest of memory).

xx1314 MEMORY AREA REQUESTED IS TOO LARGE

msg A memory pool set requests total memory area which is too large for the area available; msg gives the boundaries of the area (in multiples of 32 words). Processing cannot continue after this error.

xx1315 CMD (MEMPOOL) INCLUDES AN INVALID POOL NUMBER

The number may be a duplicate of a previous one.

xx1316 CMD (MEMPOOL) A POOL TYPE PREVIOUSLY ASSIGNED

This directive specifies a B type pool, and a previous directive already defined one.

xx1317 CMD (RESOLA) SPECIFIES INVALID OVERLAY

s The overlay whose name is given in argument number s, is not floatable. CLM continues processing succeeding arguments. (This is a system error.)

xx1318 CMD (RESOLA) SPECIFIES OVERLAY NOT IN DIRECTORY

s The overlay, whose name is given in argument number s, cannot be found in the system overlay directory. CLM continues processing the succeeding arguments.

xx1319 CMD (SYS) SPECIFIES INVALID HZ ARGUMENT

The hz argument is not 50 or 60 (or null).

xx131A CMD (SYS) SPECIFIES INVALID SCAN ARGUMENT

The scan argument must be one of the following millisecond values:

hx = 60 (or null)	*hz = 50*
8	10
16	20
	25
33	
50 (or null)	50 (or null)
100	100

xx131B CANNOT LOCATE DRIVER OVERLAY

msg msg is the overlay name. This driver will not be configured.

xx131C CMD (DEVICE) ERROR. LRN 0 CANNOT BE PRIVATE

LRN 0 device cannot be private.

xx131D CANNOT LOAD DRIVER GIVEN IN DRIVER CARD

s Cannot load the bound unit requested in the DRIVER directive. s is the load status.

xx131E MEMPOOL ERROR – SIZE IS * FOR B TYPE POOL

Cannot request all of memory (SIZE was *) for a B type pool

xx131F CMD (MEMPOOL) SPECIFIES TOO MANY POOLS

Only one pool can be specified in an S- or B-type set.

xx1320 CMD (MEMPOOL) SPECIFIES INVALID POOL NUMBER

There is a null pool number but the type is no S or B; or the pool number is not alphanumeric.

xx1321 CANNOT GET BLOCK REQUESTED

s s = FFFF–Zero size block requested
s = 06zz–See memory manager messages.
CLM processing cannot continue after this error.

xx1322 CMD (CLMIN) SPECIFIES INVALID PATHNAME

s s = 02zz – See file system messages.

xx1323 CMD (MEMPOOL) OMITS POOL SIZE

Pool size must be specified.

xx1324 CMD (DEVICE) SPECIFIES INVALID DEVICE TYPE

Type must be one of the strings described under the DEVICE configuration directive in the *System Building* manual.

xx1325 CMD SPECIFIES LRN GREATER THAN 252

xx1326 CMD SPECIFIES LEVEL GREATER THAN 62

xx1327 CMD SPECIFIES LEVEL LESS THAN 5

xx1328 CMD SPECIFIES LRN PREVIOUSLY ASSIGNED

The LRN has already been assigned to another device of a different type.

xx1329 CMD SPECIFIES DUPLICATE LEVEL ARGUMENT

xx132A CMD (DEVICE) SPECIFIES DUPLICATE CHANNEL

The channel specified has already been assigned to another device.

xx132B LEVEL ALREADY RESERVED

xx132C CMD (RESOLA) SPECIFIES OVERLAY ALREADY PERMANENT

s Overlay whose name is given in parameter number s, is already permanent, or this is a duplicate request for the overlay.

xx132D CMD (DEVICE) PREVIOUSLY REFERENCED

xx132E CMD (DEVICE) SPECIFIES WRONG LRN

LRN must be 0 with default KSR channel number.

xx132F CMD SPECIFIES ASCII NAME THAT IS TOO LONG

A file, module, or symbol name contains too many characters.

xx1330 CMD (DEVICE) SPECIFIES DUPLICATE FILE NAME

xx1331 CMD (DEVICE) SPECIFIES INCORRECT EXTEND ARGUMENT

xx1332 ROLLOUT FILE CANNOT BE CREATED

s Rollout file for batch area cannot be created. Batch area will be destroyed if rollout occurs. s = 02zz – See file system messages.

xx1333 CMD (MEMPOOL) MEMORY POOL DEFINITIONS IN ERROR

Memory pool definitions are specified subsequent to a pool definition with * size.

xx1334 CMD (MEMPOOL) SPECIFIES INVALID POOL TYPE

Pool type must be S, B, E, or null.

xx1335 MEMPOOL ERROR – POOL SIZE CONFLICT

Cannot specify all of memory (SIZE was *) in an S type or E type MEMPOOL directive when a preceding E type or nonexclusive MEMPOOL directive was issued.

xx1336 HALT, ERROR IN LOADING CLM OVERLAY

s msg s is the load status; msg is the name of the CLM root whose overlay cannot be loaded. CLM cannot be continued.

xx1337 ERROR IN LOADING PERMANENT SYSTEM OVERLAY

s msg s is the load status; msg is the overlay number (hexadecimal). The overlay is not permanently loaded.

xx1338 CMD (DEVICE) ERROR – NO CHANNEL FOR LRN 0

Must specify a channel number for LRN 0, if CLM directives are from CLM_USER.

xx1339 CMD (DEVICE) ERROR: CANNOT READ LABEL

Cannot access disk or magnetic tape device. Either the unit channel number is valid for another type of device, or the system or device is not properly powered up.

xx133B CMD (SYS) ERROR – INCORRECT EXTEND MSG ARGUMENT

Incorrect extended message argument.

xx1340 HALT, CANNOT LOAD ROOT OF BOUND UNIT

s msg Cannot load root of bound unit specified in an LDBU directive. s is the load status; msg is the name of the bound unit.

To try to load again, press RUN and EXECUTE. To bypass the load, set $R1 to zero, then press RUN and EXECUTE.

xx1345 CMD (DEVICE) SPECIFIES DUPLICATE DEVICE TYPE/UNIT

xx1346 CMD (DEVICE) SPECIFIES INVALID BUFFER ARGUMENT

xx1347 CMD (DEVICE) SPECIFIES INVALID SPD

SPD directory cannot be located. This is a system software error.

xx134B INITIALIZATION SUBROUTINE ERROR

s Error detected during load initialization. s is the error code of the initialization subroutine. Processing cannot continue.

xx134F CMD (DEVICE) SPECIFIES DRIVER THAN CANNOT LOAD

s s is the load status.

Section 14

FORTRAN Compiler Messages (xx14)

If the FORTRAN compiler reports a system error that results in termination of the compiler, an error message in the form 14yyzz is issued before termination. Such errors will usually be data management errors, producing messages in the form 1402zz.

FORTRAN compilation diagnostics are described in the *FORTRAN Reference* manual.

xx1407 INVALID ARGUMENT

An invalid argument was specified in the load command line. Control returns to the Command Processor.

Reinvoke the FORTRAN Compiler, specifying a correct argument in the load command line.

xx1412 PROGRAM NAME NOT DESIGNATED

A program name was not designated in the command line. Control returns to the Command Processor.

Enter a new command line specifying a program name.

The following messages are uncoded:

FORTRAN-nnnn-mm/dd/hhmm

This message appears when the compiler is turned on; nnnn is a release identification, mm/dd/hhmm is the compiler link date/time (mm – month, dd – day, hh – hours, mm – minutes)

mmmm ERR COUNT program-name

This message appears when the compilation is finished; mmmm denotes the number of errors and program-name is the name of the compiled program.

Section 15

FORTRAN Object Time Messages (xx15)

xx1501 RECORD LENGTH EXCEEDS AVAILABLE BUFFER SPACE

xx1502 RECORD LENGTHS MISMATCHED

Record length specified in FORTRAN OPEN statement does not match actual physical record length.

xx1503 END OF FILE REACHED

End of file reached, but no end path is specified in FORTRAN program.

xx1504 RECORD TYPE CONFLICT

Type of actual record is not the same as specified type (formatted vs. unformatted).

xx1506 I/O LIST EXCEEDS RECORD LENGTH

xx1507 REWIND, ENDFILE NOT APPLICABLE TO DIRECT FILES

xx1508 UNFORMATTED WRITE WITHOUT AN IOLIST ITEM

xx1509 LFN LIMIT EXCEEDED

xx1521 ILLEGAL FORMAT CHARACTER

xx1522 ILLEGAL FORMAT CHARACTER SEQUENCE

xx1523 UNEQUAL NUMBER OF MATCHING PARENTHESES

xx1524 INTEGER CONSTANT MISSING

Integer constant missing from H edit descriptor.

xx1525 INPUT WITH H EDIT DESCRIPTOR IS ILLEGAL

xx1526 INPUT WITH APOSTROPHE EDIT DESCRIPTOR IS ILLEGAL

xx1527 INVALID NUMERIC DATA

xx1528 X OR T EDIT DESCRIPTOR INTEGER CONSTANT IN ERROR

Integer constant zero, negative, or missing for T edit descriptor; zero or missing for X edit descriptor.

xx1529 DATA TYPE CONFLICT

Format specification does not agree with data type

xx152A FIELD WIDTH OF EDIT DESCRIPTOR IS ZERO

xx152B LOGICAL FIELD CONTAINS BLANK CHARACTERS

xx152C LOGICAL FIELD IS NOT TRUE OR FALSE

xx152D INTEGER VALUE TOO LARGE

xx152E ILLEGAL VALUE FOR EXPONENT

xx152F INTEGER VALUE IN FORMAT STATEMENT TOO LARGE

xx1530 TOO MANY EMBEDDED PARENTHESES

xx1531 ACCESS NOT COMPATIBLE FOR LFN

xx1541 EXPONENTIAL/HYPERBOLIC FUNCTION ARG OUT OF RANGE

Argument not in allowable range for intrinsic function EXP, DEXP, SINH, DSINH, COSH, DCOSH, TANH or DTANH

xx1542 ZERO ARGUMENT FOR INTRINSIC LOG FUNCTION

Zero argument given for intrinsic function LOG, ALOG, DLOG, LOG10, ALOG10, or DLOG10

xx1543 NEGATIVE ARGUMENT FOR INTRINSIC LOG FUNCTION

Negative argument given for intrinsic function LOG, ALOG, DLOG, LOG10, ALOG10, or DLOG10

xx1544 ARGUMENT OUT OF RANGE FOR CIRCULAR FUNCTION

Argument not in allowable range for SIN, DSIN, COS, DCOS, TAN, or DTAN

xx1545 ILLEGAL ARG FOR SQRT OR INVERSE CIRCULAR FUNCTION

Negative argument given for intrinsic function SQRT or DSQRT; argument given for intrinsic function ASIN, DASIN, ACOS, or DACOS not in allowable range

xx1546 ORIGIN CANNOT BE AN ARGUMENT FOR ATAN2, DATAN2

xx1547 SECOND ARGUMENT FOR MOD FUNCTION CANNOT BE ZERO

xx1548 SECOND ARG FOR AMOD, DMOD FUNCTIONS CANNOT BE ZERO

xx1549 SECOND ARGUMENT FOR ISIGN FUNCTION CANNOT BE ZERO

xx154A SECOND ARG FOR SIGN, DESIGN FUNCTIONS CANNOT BE 0

Section 16
Loader Messages (xx16)

xx1601 ILLEGAL OVERLAY-id

xx1602 ILLEGAL PARAMETER

xx1603 INVALID LOAD ADDRESS SPECIFICATION

xx1604 INVALID START ADDRESS SPECIFICATION

xx1605 RELOCATION ERROR

Either the bound unit has a different address mode than the system has or an unidentifiable item type is detected.

xx1607 UNRECOVERABLE MEDIA ERROR

Any error detected during the reading of a bound unit.

xx1608 SYMBOL RESOLUTION ERROR

Bound unit being loaded either referenced or contained an undefined symbol from linking.

xx1609 BOUND UNIT NOT FOUND

Any error during an attempt to open the named bound unit file.

xx160A INSUFFICIENT MEMORY

The pool for this group (or system group, if sharable) does not contain sufficient contiguous memory to perform this operation.

xx160B ILLEGAL OVERLAY NESTING

xx160C OVERLAY SIZE EXCEEDS AREA SIZE

xx160D BOUND UNIT ENTRY POINT UNDEFINED

xx160E BOUND UNIT CANNOT EXECUTE IN USER TASK GROUP

xx160F BOUND UNIT CANNOT EXECUTE IN SYSTEM TASK GROUP

xx1615 ILLEGAL BU FORMAT

Attempt to load a file that is not the right file type for a bound unit or to load a bound unit linked with the -R option and containing overlays.

In addition, the messages with codes xx1611, xx1612 and xx1616 are discussed in Section 35, "Initialization Halt Messages."

Section 17

System Command Messages (xx17)

xx1701	ILLEGAL EC DIRECTIVE
xx1702	ILLEGAL NUMBER OF ARGUMENTS
xx1703	NON-NUMERIC CHARACTER IN A NUMERIC ARGUMENT
xx1704	ILLEGAL ARGUMENT LENGTH
xx1705	ILLEGAL GROUP-ID
xx1706	COMMAND NOT DEFINED IN OCL
xx1707	ARGUMENT NOT RECOGNIZED
xx1708	UNEXPECTED NULL ARGUMENT
xx1709	ILLEGAL COMBINATION OF ARGUMENTS
xx170A	COMMAND NOT DEFINED IN ECL
xx170B	ILLEGAL CHARACTER IN SYMBOLIC START ADDRESS This applies to CT, ST commands.
xx170C	SYMBOLIC START ADDRESS NOT FOUND This applies to CT, ST commands.
xx170D	SYMBOLIC DEVICE NAME NOT DEFINED This applies to RAS, STS commands.
xx170E	NO MOUNT PENDING FOR REQUESTED VOLUME OR DEVICE This applies to RAS -CANCEL command/option.
xx170F	NONHEX CHARACTER IN A HEX ARGUMENT
xx1710	COMMAND NOT VALID IN A BATCH TASK GROUP
xx1711	REDUNDANT ARGUMENT
xx1712	REQUIRED ARGUMENT MISSING
xx1713	ILLEGAL LRN FOR SYMBOLIC DEVICE This applies to RAS -SWAP command/option.

xx1714 DEVICE NOT OFFLINE

This applies to RAS -SWAP command/option.

xx1715 DEVICES TO BE SWAPPED NOT ALIKE

This applies to the RAS -SWAP command/option.

The following messages are specific to the SSPG, SSPB, ACTG, and ACTB commands:

xx1716 ARGUMENT OUT OF RANGE

xx1717 -EFN EC ILLEGAL IN CG COMMAND

xx1718 GROUP ID NOT FOUND

xx1719 GROUP NOT SUSPENDABLE

xx171A SUSPEND IN PROGRESS

xx171B GROUP NOT ROLLOUTABLE

xx171C NOT ROLLED OUT

xx171D ALREADY ROLLED OUT

xx171E MEDIA ERROR DURING ROLLOUT/ROLLIN

xx171F GROUP NOT SUSPENDED

The following messages are specific to the LOAD/UNLD commands:

xx1720 BU NOT SHARABLE

xx1721 BU NOT PREVIOUSLY LOADED BY OCL

Section 18
Editor Messages (xx19)

EDITOR INITIALIZATION MESSAGES

ERROR IN REQUEST ARGUMENT

The ED command recognizes only two load time arguments, -LINELEN and -IN. The allowable line length is from 20 to 256 inclusive. -IN must be followed by a legal pathname. This message is issued if there is an error in either of these arguments. Messages generated by the Editor are typed on the operator terminal without numeric identification. The number assigned to Editor messages is 19.

NO WORK SPACE ALLOCATED

The space in the current working directory is not sufficient for the temporary work files required by the Editor.

The text of this message is preceded by a system message in standard format which further defines the error condition.

CANNOT LOAD OVERLAY

- The memory available for loading the user's dynamic storage is insufficient, or
- The overlay cannot be found.

For memory space, 2K words are required.

The text of this message is preceded by a system message in standard format which further defines the error condition.

EDITOR ADDRESSING MESSAGES

BUFFER EMPTY

An attempt was made to reference a specified line when the buffer is empty. (Only "$", ".", and "0" are legal addresses within an empty buffer and then only with a READ, APPEND, or INSERT directive.)

ADDRESS OUT OF BUFFER

A reference was made to a line that does not exist; for example, an address of 20 when there are less than 20 lines in the buffer, or an address of .+5 when the current line is less than five lines from the last line in the buffer.

ADDRESS WRAP-AROUND

An attempt was made to address a series of lines in which the line number of the second line addressed is less than that of the first (e.g., $,1).

SEARCH FAILED

The editor cannot find the expression specified in the directive.

ERROR IN REGULAR EXPRESSION

A regular expression used as an address is not properly delimited.

// UNDEFINED

A null expression is specified but a regular expression was not previously specified.

SYNTAX ERROR

Delimiters have been improperly used; request is not recognizable.

INVALID USE OF * IN REGULAR EXPRESSION

The asterisk has been used as the first character of a regular expression. To specify an asterisk as a data character, precede it with the characters !C; i.e., !C*. In a regular expression, the asterisk means "any number of the preceding character."

EDIT DIRECTIVE MESSAGES

MODIFIED BUFFERS EXIST, QUIT DEFERRED

The contents of the buffer have been modified but have not been written to a file at the time the QUIT directive was entered.

If you want to save the contents of the buffer, you must enter a WRITE directive. If not enter another QUIT to effect an exit from the Editor.

NO PATHNAME GIVEN

No pathname was specified in a current READ or WRITE directive or in a previous READ or WRITE directive.

TRUNC AFTER xxxxx CHARS

The line contains more characters than the number specified in the -LINELEN argument of the ED command or in the default value (80) of that argument.

0 LEN-DEL

The line length became zero as the result of the specified substitution.

SUBSTITUTION FAILED

The Editor cannot find the specified string of characters that is to be replaced.

ERROR IN COMMAND LINE

An invalid command was entered in the EXECUTE directive. The text of this message is preceded by a system message in standard format which further defines the error condition.

FATAL ERROR, EDIT TERMINATED

An error has occurred (read, write, or no more space) on one of the temporary work files. The Editor cannot continue.

EDITOR MESSAGES PERTAINING TO AUXILIARY BUFFERS

TOO MANY BUFFERS

An attempt was made to open a sixth buffer. The Editor allows a maximum of five.

ERROR IN BUFFER NAME

A buffer name may consist of a single character or as many as 16 characters. If more than one character is used, they must be enclosed in parentheses. This message is issued if there are too many characters or if the parentheses are missing.

COPY TO CURRENT BUFFER REJECTED

A MOVE or COPY directive has specified a copy from the current buffer to the same buffer.

Section 19

Writeable Control Store Assembler Abort Codes (xx1D)

xx1D07 arg INVALID CONTROL ARGUMENT

The specified control argument is unrecognized.

Reenter the command using the valid control argument.

xx1D0B INVALID -SIZE ARGUMENT

The value specified in -SIZE (-SZ) is zero, greater than 64 or is nonnumeric.

xx1D0C FILE NAME NOT DESIGNATED

The source file name is missing.

Reenter the command using the file name.

xx1D13 OBJ_PATH ARGUMENT IS MISSING

The obj_path argument (object unit name) following -OBJECT (-OBJ) is missing or the argument list is too short.

Reenter the command using the correct argument.

xx1D14 OUT_PATH ARGUMENT IS MISSING

The out_path argument (output listing file name) following -COUT is missing or the argument list is to short.

Reenter the command using the correct argument.

xx1D17 SOFTWARE ERROR – PLEASE RERUN

An illegal pseudo-op code number has been received. Rerun the Assembler. If the error recurs, please contact Honeywell.

xx1D18 SOFTWARE ERROR – PLEASE RERUN

An illegal nonencoding token type has been detected. Rerun the Assembler. If the error recurs, please contact Honeywell.

Section 20

Writeable Control Store Error Messages (xx1E)

xx1E07 ILLEGAL PARAMETER

Accompanied by the parameter.

xx1E12 NO PARAMETERS

xx1E13 INVALID WCS STATUS

Accompanied by the status.

xx1E14 NO RAMS IN WCS

xx1E15 OUTPUT ADDRESS OUT-OF-RANGE

Accompanied by the address. An attempt was made to send an out-of-range address to the WCS. Instead of processing a bad address the loader reports the error and leaves the WCS's internal address register unchanged. The loader ceases loading of the current firmware file and begins loading of the next firmware file.

xx1E16 ATTEMPT TO WRITE BEYOND RAMS

Accompanied by the address. An attempt was made to write to an address which is out-of-range, (i.e., to an address immediately beyond the highest address in the WCS). The loader terminates all firmware-loading and continues with the remaining options.

xx1E17 FILL OPTION NOT HONORED

Format of firmware word illegal or word omitted. Accompanied by the firmware word.

xx1E18 TEXT FILE PARAMETER INVALID

The parameter does not end in ".WO". Accompanied by the parameter.

xx1E19 DEVICE ON WCS CHANNEL IS NOT A WCS

xx1E1A LOADER NOT EXECUTED UNDER SYSTEM GROUP ($S)

Section 21

Patch Messages (xx21)

xx2103[1] ILLEGAL HEX CHARACTER

Illegal hexadecimal character specified for address or value.

Reenter the PATCH command line and the corrected directive.

xx2107 ILLEGAL INPUT PARAMETER

An illegal parameter was specified on the PATCH command line or an illegal directive was entered.

Correct the parameter and reenter the command line or directive.

xx2112[1] NO SLASH

A slash (/) must be specified before an address field.

xx2180[1] SEGMENT NOT FOUND

The segment specified as the last two characters of the patch id cannot be found.

Reenter the PATCH command line and change the name of the patch id.

xx2181 NO PATCH ON FILE

This message is issued when the directive Eliminate Patch (EP) or List Patches (LP) applies to a file that has never been patched. Control returns to the Monitor.

xx2182[1] DUPLICATE PATCH ID

A patch having the specified id already exists on the file.

Reenter the PATCH command line and change the name of the Patch id.

xx2183[1] PARAMETER TABLE OVERFLOW

Too many patches or patch values have been entered during this execution of the PATCH utility.

List the patches already on the file and reenter the directives that were not executed.

[1] Directive that contains error is deleted; all preceding directives are executed and the program terminates. Directives subsequent to the directive in error are not executed.

xx2184[2] NO ROOM TO VERIFY TAB

Too many verify values have been entered during this execution of the PATCH utility.

List the patches already on the file and reenter the directives that were not executed.

xx2185[2] ADDRESS OUT OF BOUNDS

21nnnn Address specified in nnnn is not within specified segment to be patched. Control returns to the Monitor.

Reenter the PATCH command line and correct the address in the directive.

xx2186[2] PATCH NOT FOUND

Patch-id specified in Eliminate Patch (EP) directive cannot be found.

Reenter the PATCH command line and correct the EP directive.

xx2187 MISSING PARENTHESIS

Parentheses during a verification do not balance.

Reenter the PATCH command line and correct the directive.

xx2188[2] NO ROOM TO EXTEND FILE

Physically no more room to extend the file on disk, or the file is not expandable to add patch information.

Copy the file to another file or device that can be expanded. Reenter the PATCH command line and directives.

xx2189 NOT ENOUGH MEMORY IN MEMORY POOL

The memory available to the group executing the PATCH utility is not sufficient to allow the PATCH to build the necessary tables.

Reload the PATCH utility in a group with more memory. The PATCH tables are dependent on the number of overlays in a file roughly needing ten words per overlay.

xx2190[2] PATCH EXCEEDS 256 BYTES

Control returns to the Monitor.

xx2191 WRONG FILE TYPE BEING BE PATCHED

A patch is being applied to a file that is not Variable Sequential for an Object file or Fixed Relative for a Bound Unit file.

Correct the problem and reenter the PATCH command line.

[2] Directive that contains error is deleted; all preceding directives are executed and the program terminates. Directives subsequent to the directive in error are not executed.

xx2192 ILLEGAL COMBINATION OF PARENTHESES

A right parenthesis is followed by a left parenthesis with no intervening address field.

Reenter the PATCH command line and reenter the line.

xx2193[3] ILLEGAL USE OF DP COMMAND

The Bound Unit file being patched does not contain separated code and data.

Do not use the DP directive for this file (use HP instead); or relink the Bound Unit file using the Linker -R argument and then use the DP directive.

xx2194[3] INVALID CHARACTER IN COMMON NAME

The patch for a common blockname on an object file contained an illegal character in the blockname. The characters must be numeric, alphabetic, the underscore (_) or the dollar sign ($).

Reenter the PATCH command line and correct the blockname on the DP directive.

xx2195[3] MORE THAN 1 VALUE SPECIFIED FOR $LOCMW OFFSET

When patching an object program with DP more than one value was specified for a given offset to local common.

Reenter the PATCH command line and correct the DP directive to specify only one value per offset.

[3] Directive that contains error is deleted; all preceding directives are executed and the program terminates. Directives subsequent to the directive in error are not executed.

Section 22

Communications File Transmission Program Messages (xx22)

xx2200 GENERAL ECL COMMAND OR ARGUMENT ERROR

General control language error.

Check TRANH Command for possible errors.

xx2201 SPECIFIC ECL ERROR – INDIVIDUAL OPERATOR ERROR

Specific control language error – individual operator error.

xx2202 SPECIFIC ECL ERROR – NODE PARAMETER ERROR

Indicates invalid argument in the NODE parameter value.

Check argument line and replace incorrect value.

xx2203 SPECIFIC ECL ERROR – LEVEL PARAMETER ERROR

The specific name of the host parameter is incorrect.

Reenter correct level value (e.g., -L62).

xx2204 SPECIFIC ECL ERROR – INITIATOR FILE PARAMETER ERROR

Wrong initiator pathname has been detected.

Check the initiator path name for discrepancies.

xx2205 SPECIFIC ECL ERROR – ACCEPTOR FILE PARAMETER ERROR

Wrong acceptor identifier has been detected.

Check acceptor's identifier for discrepancies.

xx2206 SPECIFIC ECL ERROR – START RECORD NUMBER ERROR

The start record number is incorrect – cannot attempt restart.

Check the restart parameter.

xx2207 TRANSMISSION ERROR ON INITIATE REQUEST RECORD

xx2208 TRANSMISSION ERROR ON ACCEPTORS' ANSWER

Indicates an error in the transmission of the acceptor's answer; restart transmission.

If the error persists, contact maintenance; this is an internal error.

xx2220 RECEIVED TRANSMISSION ERROR – ILLEGAL COUNT

An internal error has occurred in the packing and unpacking of compressed data; attempt restart.

If the error persists, contact maintenance; this is an internal error.

xx2221 RECEIVED TRANSMISSION ERROR – ILLEGAL CHARACTER

Indicates an error in the internal configuration of data formatting; attempt restart.

If error persists, contact maintenance.

xx2222 RECEIVED TRANSMISSION UNIT SEQUENCE ERROR

Character other than the internal ASCII TUSN character has been detected; attempt restart.

If error persists, validate phone connection before calling maintenance.

xx2223 RECEIVED TRANSMISSION ERROR – INCORRECT REC NUMBER

Wrong automatically incremented record sequence number detected.

Attempt restart. If error persists, contact maintenance.

xx2224 RCV FILE RECORD EXCEEDS ALLOCATED MEMORY BUFFER

Transmission of record greater than file's allowed maximum record length.

Create file with correct maximum record size and retransmit.

The following errors are detected while transmitting file data:

xx2230 INCORRECT VALUE RETURNED FOR FINAL PROMPT

Internal prompt configuration error.

Attempt restart. If the error persists, contact maintenance.

xx2231 ILLEGAL MESSAGE RECEIVED FROM HOST

Incorrect message received.

Attempt restart.

xx2240 ILLEGAL CHARACTER RECEIVED FROM IBM

An invalid (unexpected) character was received on the BSC-2780 communications line.

Retry the transmission. If the error persists, call maintenance.

xx2241 ILLEGAL MESSAGES RECEIVED FROM IBM

An invalid or unexpected message was received from the BSC-2780 communications line.

Retry the transmission. If the error persists, call maintenance.

The following are host-detected errors which are returned to Level 6:

xx2280 GENERAL HOST ERROR

Check appropriate host error table.

xx2281 ERROR RETURNED IN HOST'S ACCEPTOR ANSWER

Check appropriate host error table.

xx22C0 GENERAL CONNECTION FAILURE

In the event of a general connection failure, attempt restart.

xx22C1 L6→L66 CONNECTION FAILURE

Unable to establish a valid L6 to L66 connection.

Verify the physical line connection.

xx22C2 L6→L6 CONNECTION FAILURE

Unable to establish a valid L6 to L6 connection.

Verify the phone line physical connection.

xx22C3 L6←L6 CONNECTION FAILURE

Unable to establish a valid L6 from L6 connection.

Verify the phone line connection.

xx22C4 L6→2780 BSC CONNECTION FAILURE

Unable to establish a valid L6 to 2780 connection.

Section 23

Macro Preprocessor Messages (xx23)

xx2307 INVALID CONTROL ARGUMENT

Invalid control argument in MACROP command.

xx230A INSUFFICIENT MEMORY TO BEGIN EXECUTION

Rerun in a pool of larger size, or reinitialize increasing the size of the current pool.

xx230B INVALID -SIZE ARGUMENT

Reenter command using a valid -SIZE (1 through 64) argument.

xx230C FILE NAME NOT DESIGNATED

Pathname of unexpanded source file is missing from MACROP command.

xx230D WORK SPACE EXHAUSTED

All available main memory work space has been used by the macroprocessing operations.

xx230E NO ENDM STATEMENT

No ENDM statement in a library macro file or in an inline macro definition.

The following messages are uncoded:

MACROP nnnn mm/dd/hhmm

This message appears when the Macro Preprocessor is turned on; nnnn is a release identification, mm/dd the month and day of linkage, and hhmm the time (hours and minutes) of the linkage.

mmmm ERR COUNT

This message appears when the Macro Preprocessor is finished; mmmm is the number of errors.

Section 24

Export/Import PAM File Program Messages (xx24)

xx2404 ARGUMENT LENGTH IS ILLEGAL

A specified argument on the command line is of illegal length.

Reenter the command line with the corrected argument.

xx2412 REQUIRED ARGUMENT IS MISSING

A required argument is missing from the command line.

Reenter the command line with the required argument.

xx2413 IMPORT PATHNAME FILE IS NOT VARIABLE SEQUENTIAL

T file into which IMPORT is transferring one or more members already exists but is not a variable sequential file.

Correct the problem and reenter the command line.

xx2414 UNRECOGNIZED DEVICE TYPE

An illegal (unrecognized) device has been specified to the utility.

Reenter the command line with the corrected device-type.

xx2415 FILE TO BE EXPORTED IS NOT VARIABLE SEQUENTIAL

EXPORT must have as its input variable sequential file(s).

Correct the problem and reenter the EX_PAM command line.

xx2421 DCB HAS BEEN DESTROYED

A device control block (DCB) (an internal data structure) has been destroyed.

Reload the utility by reentering the command line.

xx2422 INVALID MEMBER NAME

The specified input member name cannot be found on the specified output. Member is a duplicate.

Correct the problem and reenter the command line.

xx2423 DCB STATUS INCORRECT

A device control block has an unacceptable status.

Reload the utility by reentering the command line.

xx2424 END OF DATA SPACE

No space exists in the PAM file to add more members.

Using GCOS/BES, copy the member into a PAM file with more space or export the remaining files into another PAM file.

xx2425 END OF INDEX SPACE

No room exists in the PAM file to add more member names.

Using GCOS/ BES, copy the member into a PAM file with more index space or export the remaining files into another PAM file.

xx2426 INVALID RECORD LENGTH

The PAM file contains records that are not 128 bytes in length.

Correct the PAM file before reentering the command line.

xx242C FILE IS NOT PARTITIONED

The file being used is not a PAM file.

Using GCOS/BES, correct the problem, then reenter the command line.

Section 25

Dump Edit (DPEDIT) Error Messages (xx25)

Dump Edit reports fatal run-time errors to ERROR OUT through the system's Error Handler. Such errors terminate the dump procedure and cause an immediate return to the Commands Processor.

xx2502 ILLEGAL NUMBER OF ARGUMENTS

xx2503 NONNUMERIC CHARACTER IN NUMERIC ARGUMENT

This message is issued if a nonnumeric character is encountered during processing of the positional parameters within the -TO and -FROM arguments.

xx2507 ARGUMENT NOT RECOGNIZED

xx2512 REQUIRED ARGUMENT MISSING

This message is issued when the pathname of the dump file is omitted and -MEM has not been specified. It may also result from a missing argument during processing of the positional parameters within the -TO and -FROM arguments.

xx2513 ADDRESS MODE INCOMPATIBILITY

This message is issued when the address mode (SAF or LAF) of the dump file differs from the address mode of DPEDIT.

xx2514 DUMPFILE IS INCORRECT FILE TYPE

This message is issued when the external dump file is not a relative file without deletable records.

xx2515 DUMPFILE IS INCOMPLETE

This message is issued when the external dump file was not completely filled by the MDUMP utility.

The MDUMP utility must be rerun, since the data on the file is considered incorrect.

The following messages are uncoded:

DPEDIT nnnn mm/dd/hhmm

Occurs at DPEDIT sign-on, indicating the Honeywell identification of the DPEDIT utility.

Section 26

COBOL Compiler Messages (xx26)

The messages in this section are generated when the compiled COBOL program is invoked and an error is detected. COBOL compilation diagnostics are described in the *Entry-Level COBOL Reference* manual and in the *Intermediate COBOL Reference* manual.

xx2601 INVALID ARGUMENT
(argument)

The displayed argument is not recognized as valid in the command which invokes COBOL. It is ignored and processing continues.

xx2602 INVALID SIZE SPECIFIED.

The -SIZE argument is in error and is ignored. For the entry compiler this argument must be in the range 04 through 64 and for the intermediate compiler this argument must be in the range 15 through 64. The compiler uses the default size.

xx2603 MISSING ARGUMENT

The required argument following -SIZE or -COUT is missing. Processing continues.

xx2604 TOO FEW ARGUMENTS

Insufficient arguments are supplied in the command which invokes COBOL. Compilation terminates and the compiler must be reinvoked using all required arguments.

xx2605 REQUESTED MEMORY NOT AVAILABLE

For entry COBOL, less than the 3K words of memory requested in the -SIZE argument are available. For intermediate COBOL, less than 15K words of memory requested in the -SIZE argument are available. The compiler will use the available amount of memory.

xx2607 INVALID PATHNAME FOR SOURCE FILE

The pathname specified for the source file to be compiled contains invalid characters or is longer than 12 characters.

xx2608 NO OBJECT CODE GENERATED

Indicates that the compiler has detected fatal errors in the source program.

Correct the errors and recompile.

2602zz LFN {01, 02, 03, 05, 06} COMPILER FILE PROBLEM

The value of zz represents an error detected by the File Manager. A typical value of zz is 09 (named file or directory not found). The compiler files are as follows:

LFN 01 – Source
LFN 02 – Listing
LFN 03 – Object
LFN 05 – Labels work file
LFN 06 – COBWRK work file

After this message, the compilation is terminated. Refer to the "File System Messages" section of this manual.

The following messages are not coded:

COBOL – nnnn – mm/dd/hhmm

This message appears when the compiler is turned on; nnnn is a release identification, mm/dd the month and day on which the compilation is linked, and hhmm the time (hour and minutes) at which it is linked.

mmmm ERR COUNT

This message appears when the compiler is finished; mmmm is the number of errors.

Section 27

Messages Issued by COBOL Object Time Routines (xx27)

xx2701 CALL ERR IN xxxxxx, or
CANCEL ERR IN xxxxxx

Overlay does not exist when COBOL program xxxxxx attempted to call or cancel it. Program execution is terminated.

xx2702 CALL ERR IN xxxxxx, or
CANCEL ERR IN xxxxxx

Overlay has been called but has not exited; attempt by COBOL program xxxxxx to call or cancel it is illegal. Program execution is terminated.

xx2703 CALL ERR IN xxxxxx

Overlay conflicts with resident overlay when COBOL program xxxxxx attempted to call it. Program execution is terminated.

xx2705 CALL ERR IN xxxxxx

Overlay load error occurs when COBOL program xxxxxx attempts to call an overlay. Program execution is terminated.

xx2707 CALL ERR IN xxxxxx

Memory manager error occurs when COBOL program xxxxxx attempts to call an overlay. Program execution is terminated.

xx2708 CALL ERR IN xxxxxx

The limit of 20 resident overlays at one time was exceeded. Program execution is terminated.

xx270A CONV ERR ON SOURCE LINE nnnnnn

The result of converting a numeric field to binary is either negative or exceeds 32,767. The line number of the source line where the error occurred is represented by nnnnnn. The condition can result from an identifier being converted in one of the following cases:

- o PERFORM n TIMES
- o SET statement
- o Subscripting
- o Relative Key in I/O statement

Section 28

RPG Object Time Error Messages (xx29)

The messages in this section are generated when an RPG Object Time error is detected. RPG compilation diagnostics are described in the *RPG Reference* manual.

In the descriptions that follow, the operator responses have the following meanings:

CNC – Control cancel – LR is set and program termination is performed.
END – Forced cancel – Program terminated without LR processing.
ABT – Abort – The abort is performed immediately.
CON – Continue – Depending on the error condition, a recovery assumption is made and program execution continued.
REP – Repeat – The specified action is repeated.
If the operator chooses to abort the execution of the program at any time, the ABORT is identified by the characters UP (indicating User Program).

xx2900 TABLE/ARRAY SEQ ERROR: filename

Possible operator responses are: ABT, END, CON.

For CON response, the out-of-sequence data item is accepted.

xx2901 TOO MANY TABLE/ARRAY ITEMS: filename

Possible operator responses are: ABT, END, CON.

For CON response, excess table/array items in the file are ignored.

xx2902 TABLE/ARRAY NOT FOUND: filename

Possible operator response are: ABT, END, CON.

For CON response, table/array is initialized to zero or blank.

xx2903 NEGATIVE SQRT

Possible operator responses are: CNC, ABT, END, CON.

For CON response, the result field is set to zero.

xx2904 SUBSCRIPT OUT OF BOUNDS

Possible operator responses are: CNC, ABT, END, CON.

Table/array is referenced with a subscript greater than the number of entries in the table/array.

For CON response, subscript field is set to 1.

xx2905 FORMS ALIGNMENT: filename

Possible operator responses are: CON, REP.

A grid of characters has been printed to assist the operator to correctly align the forms.

Two options: REP: Repeat printing of grid and halt again.
CON: Continue

xx2906 UPDATE IN EXCEPTION TIME: filename

Possible operator responses are: ABT, END, CON.

Attempt to rewrite a record as exception record. For CON response record rewritten.

xx2907 MATCH FIELD SEQ ERROR: filename

Possible operator responses are: CNC, ABT, END, CON.

xx2908 RECORD-TYPE SEQ ERROR: filename

Possible operator responses are: CNC, ABT, END, CON.

For CON response, the record is ignored and the next one is read.

xx2909 RECORD UNIDENTIFIED: filename

Possible operator responses are: CNC, ABT, END, CON.

For CON response, the record is ignored and the next one is read.

xx290A DUPLICATE KEY: filename

Possible operator responses are: CNC, ABT, END, CON.

The key for a record to be written to a disk file is equal to that of a record already on the file.

For CON response, the record is not produced as output.

xx290B CHAIN-RECORD NOT FOUND: filename

Possible operator responses are: CNC, ABT, END, CON.

For CON response, processing continues with data from previous record.

xx290C DEMAND FILE AT EOF: filename

Possible operator responses are: CNC, ABT, END, CON.

Name of demand file is at end-of-file. For CON response, processing continues with data from previous record.

xx290D DIVIDE BY ZERO

Possible operator responses are: CNC, ABT, END, CON.

For CON response, the result field, and the remainder in the case of divide, is set to zero and the zero resulting indicator is set on.

xx290E UNEXPECTED EOF: filename

Possible operator responses are: CNC, ABT, END, CON.

For CON response, the result field is set to zero and the zero resulting indicator is set on.

xx290F NO FIXED LOGIC FILES

Operator response is: ABT

The program contains no files upon which the flow of the RPG fixed logic can be controlled.

xx2910 HALT INDICATOR IS ON

Possible operator responses are: CNC, ABT, END, CON.

For CON or CNC response, one of the messages, 2911 through 2919 below, is printed depending on which halt indicator is set on.

xx2911	H1 IS ON
xx2912	H2 IS ON
xx2913	H3 IS ON
xx2914	H4 IS ON
xx2915	H5 IS ON
xx2916	H6 IS ON
xx2917	H7 IS ON
xx2918	H8 IS ON
xx2919	H9 IS ON

Possible operator responses are: CNC, ABT, END, CON.

For CON response, the halt indicator is set off.

xx291A FILE CONDITIONED BY EXTERNAL INDICATOR NOT OPEN

Possible operator responses are: CNC, ABT, END, CON.

An output operation has been attempted on a file conditioned by an external indicator which was off (at program invocation).

Section 29

Data Entry Facility Initialization Messages (xx2C)

xx2C01 CANNOT FIND DEF SYSTEM VOLUME

The Data Entry Facility (DEF) system volume, as specified by the Linker command file VDEFs SVN1, SVN2, and SVN3, is not mounted.

Mount the requested volume.

xx2C02 WRITE RECORD 0 OF XVOL FAILED

An attempt to write to the file XVOL on the DEF system volume has failed.

Either move the volume to another drive or try a new volume on the same drive.

xx2C03 WRITE RECORD N OF XVOL FAILED

An attempt to write to the file XVOL on the DEF system volume has failed.

Either move the volume to another drive or try a new volume on the same drive.

xx2C04 READ RECORD 0 OF XVOL FAILED

An attempt to read from the file XVOL on the DEF system volume has failed.

Either move the volume to another drive or try a new volume on the same drive.

xx2C05 READ RECORD N OF XVOL FAILED

An attempt to read from the File XVOL on the DEF system volume has failed.

Either move the volume to another drive or try a new volume on the same drive.

xx2C06 CLOSE XVOL FAILED

An attempt to close the file XVOL on the DEF system volume has failed.

Either move the volume to another drive or try a new volume on the same drive.

xx2C07 DYNAMIC BUFFER OVERFLOW

There is insufficient memory to hold the buffers requested by the NB1, NB2, NB3 and NB5 in the Linker command file.

Relink the system using fewer buffers.

xx2C08 CREATE XVOL FAILED

An attempt to create the file XVOL on the DEF system volume has failed.

Either move the volume to another drive or try a new volume on the same drive.

xx2C09 FIRST REQUEST TO DISK HANDLER FAILED

Value specified in the Linker command file VDEF DKLRN is incorrect.

Correct and relink.

xx2C0A UNABLE TO REQUEST A CRT LEVEL

Value specified in the Linker command file VDEF CRTLRN is incorrect.

Correct and relink.

xx2C0B INVALID PRINTER ASSIGNMENT

A printer has been specified where no printer exists. Linker command file VDEFs PRTLRN and PRTNO are incorrect.

Correct and relink.

xx2C0C TOO MANY BACKGROUND TASKS

The number of background tasks specified by the Linker command file VDEF BAKNO exceeds the number of CRTs as specified by the VDEF CRTNO.

Correct the Linker command file and relink.

xx2C0D INVALID OVERLAY DIRECTOR ID

A value other than 1 to 4 has been specified in the OCRT1 to OCRT14 VDEFs in the Linker command file.

Correct the Linker command file and relink.

oxx2C0E INVALID PASSWORD LENGTH

A size greater than 10 has been specified in the PASSWL VDEF in the Linker command file.

Correct the Linker command file and relink with a value less than or equal to 10.

xx2C0F INSUFFICIENT MEMORY FOR DEF BUFFERS

There is insufficient memory to hold the buffers requested by the NB1, NB2, NB3 or NB5 in the Linker command file.

Relink the system using fewer buffers.

xx2C10 CANNOT LOAD INITIALIZATION OVERLAY

Initialization Overlay not linked in the Linker command file.

Relink the system.

Section 30

Sort and Merge Error Messages (xx31)

Error messages generated by the Sort and Merge programs have the format:

(31yyzz)
message

Certain Sort and Merge error messages are followed by a secondary message with the format:

(3131FF)
secondary message

313121 PARAMETER SYNTAX ERROR

Syntax error detected in the SORT or MERGE command line or Sort or Merge Description. This message is followed by a secondary message. The text of the secondary message can be a phrase that identifies the error (for example, KEY FIELD DESCRIPTION). Alternatively it can be a string of characters; the first word indicates where the error was found, and the remaining words in the string are those which Sort or Merge was unable to scan intelligently. An ellipsis (...) at the end of the string indicates that there are too many unintelligible words to be contained on one line.

A separate message is generated for each syntax error. Sort/Merge will be terminated once the full Sort/Merge Description has been checked.

313122 REQUIRED PARAMETER MISSING

Required parameter missing from Sort or Merge Description. This message is followed by a secondary message identifying the missing parameter. Sort/Merge will be terminated once the full Sort/Merge Description has been checked.

313123 TOO MANY PARAMETERS

An excessive number of parameters has been specified in the Sort/Merge Description. The message is followed by a secondary message identifying the error (for example, KEY FIELDS). Sort/Merge will be terminated once the full Sort/Merge Description has been checked.

313124 RECORD TOO SMALL, REC NUMBER nnnnnn

A variable-length record (identified by record number nnnnnn relative to the beginning of the file) has been read that is too short to support the specified key fields, ARRange fields, or record selection fields. The record is bypassed and the Sort or Merge continues unless the next nine successive records read also are too short.

313125 INSUFFICIENT MEMORY

Insufficient memory available to support the Sort or Merge. Sort/Merge is terminated.

313126 VALUE OR LENGTH INCONSISTENCY

A specified argument value is inconsistent with another Sort or Merge characteristic (for example, a key field position is outside the record). Sort /Merge will be terminated once the full Sort/Merge description has been checked.

313128 SEQUENCE ERROR

Sequence error detected during writing of output file. The out-of-sequence record is not written to output file. Output file is closed. Sort/Merge is terminated.

313129 DATA GAIN

Inconsistency detected between number of records read and number being written to output file. Excess records are not transferred to output file. Output file is closed. Sort/Merge is terminated.

313130 DATA LOSS

A loss of data is detected: fewer records are written to the output file than were read from the input file(s). Output file is closed. Sort/Merge is terminated.

313131 INCOMPLETE COMMENT

Incomplete comment detected in Sort or Merge Description; comment delimiters (/) did not occur in pairs or comment occurred within a word of the Sort or Merge Description. Sort/Merge is terminated.

3131B0 ILLEGAL SIZE FOR xxxx

The size specified in a KEYS, INCL, or OMIT statement is inappropriate for data type xxxx (e.g., the size value for a TDEC field is 31) or the field size in an ARRange statement is inappropriate (in which case xxxx is ARR). Sort or Merge is terminated.

3131B1 ARR ILLEGAL WITH -AK or -AD

An ARRange statement cannot be included with a key sort request. Sort is terminated.

3131B2 KEY OUTSIDE ARR FIELDS

Key field is not entirely within the bytes specified in one of the fields of the ARRange statement. Sort or Merge is terminated.

3131B3 INPUT RECORDS TOO SMALL

The record size is too small for the specified key, ARRange, or record selection fields. Sort or Merge is terminated.

3131B7 INCL WITH OMIT ILLEGAL

There are both INCL and OMIT statement in the Sort/Merge Description. Sort or Merge is terminated.

3131B8 INCOMPLETE LITERAL

A single quote delimiter was not specified at the end of a literal value. Sort or Merge is terminated.

3131B9 LITERAL n ILLEGAL

The literal expression n, where n refers to the first through fourth literal occurrence, contains characters or values inconsistent with the data type specified in the Sort/Merge Description. Sort or Merge is terminated.

3131BA LIT CHARS EXCEED 128

The total number of characters constituting the literal values exceeds the maximum value of 128. Sort or Merge is terminated.

Each of the following error conditions as reported by Sort or Merge occurred during an input/output operation on the file indicated in the message. For the explanation of the specific error that has occurred see the appropriate message listing under the applicable category code (yy) number. In these messages, SD refers to the Sort Description file; MD refers to the Merge Description file. The Sort and Merge Description files are specified in the -IN_PATH argument of the SORT or MERGE command, respectively, or can be specified within an Assembly Language, COBOL, or FORTRAN program that invokes the SORT or MERGE. In all cases, the Sort or Merge is terminated.

31yyzz FILE NOT FOUND {INPUT / OUTPUT / WORK}

The file indicated in the message cannot be found.

31yyzz OPEN ERROR {INPUT / OUTPUT / WORK / SD / MD}

An error occurred during the process of opening the indicated file.

31yyzz READ ERROR {INPUT / WORK / SD / MD}

An error occurred during the process of reading a record from the indicated file.

31yyzz WRITE ERROR {WORK / OUTPUT / USOUT}

An error occurred during the process of writing a record to the indicated file.

31yyzz CLOSE ERROR {INPUT / WORK / OUTPUT}

An error occurred during the process of closing the indicated file.

31yyzz WORK FILE TOO SMALL, WORK REC WRITTEN nnnnnn

Work file space not enough to complete the Sort. File-relative record number nnnnnn is the number of the last written work record.

The following messages are issued when an error condition is detected while sorting using subroutine calls.

3131C1 CALL SEQUENCE ERROR

Sequence of subroutine calls is invalid. Sort is terminated.

3131C2 LINKAGE ERROR

The interface module has not established or broken linkage with the SORTC bound unit. This error is the result of an error in a create task, request task, or delete task monitor call.

The following message is reported by Sort or Merge when a system error is detected.

31yyzz SYSTEM ERROR

Sort- or Merge-requested system service has not been executed successfully.

Section 31

Remote Batch Facility Messages (xx33)

xx3301 ATTEMPT TO OPEN A FOURTH INPUT FILE IS IGNORED

The Remote Batch Facility can process from one to three input files by using $*$PATH records to redirect the original input path. Up to two $*$PATH records (therefore, three files) can be operational at one time. If a $*$PATH is encountered while two are already operational, the above error message and processing results.

Resubmit the input after rearranging it to insure no more than two $*$PATH records will be operational simultaneously.

Section 32

Multiline Communications Processor (DUMCP) Error Messages (xx34)

xx3401 INVALID CHANNEL NUMBER

The channel number entered for block mode read is invalid. Respecify all of the required Linker directives including a valid channel number in the VDEF RDMLCP directive.

xx3402 INVALID OUTPUT DEVICE SPECIFIED

A device other than a local terminal or printer was specified as the output device. Respecify all of the required Linker directives, including a valid channel number in the VDEF DMPOUT directive.

Section 33

ISL Configurator Messages (xx37)

xx3701	NO ARGUMENTS
xx3702	PARAMETER ERROR
xx3703	NON-HEX DIGIT IN CHANNEL NUMBER
xx3704	REQUEST OF DUMP OF MORE THAN 10 ISLS

Section 34

Login/Listener Error Messages (xx39)

xx3901	LOGIN FUNCTION CODE UNDEFINED
xx3903	NON-NUMERIC CHARACTER IN A NUMERIC ARGUMENT
xx3904	ILLEGAL ARGUMENT LENGTH
xx3905	ILLEGAL CHARACTER FOR GROUP-ID GENERATION
xx3906	FDB FOR TERMINAL CANNOT BE LOCATED
xx3907	ARGUMENT NOT RECOGNIZED
xx3908	UNEXPECTED NULL ARGUMENT
xx3909	LISTENER MUST BE RUN AS LEAD TASK
xx390A	FIRST ARGUMENT IS NOT L, LOGIN, OR BYE
xx390B	NO INPUT BUFFER SUPPLIED BY LISTENER
xx390C	NO LOGIN LINE IN ABBREVIATION RECORD
xx390D	LOGIN LINE IS NULL
xx390E	ABBREVIATION FOR TERMINAL NOT FOUND
xx390F	ZERO LENGTH RECORD IN TERMINALS FILE
xx3911	REDUNDANT ARGUMENT
xx3912	REQUIRED ARGUMENT MISSING
xx3913	CANNOT LOCATE G RECORD IN THE TERMINALS FILE
xx3914	REQUIRED ARGUMENT MISSING FROM THE G RECORD
xx3915	NUMBER OF CONCURRENT USERS EXCEEDS THE MAXIMUM
xx3917	NON-NUMERIC ARGUMENT IN G RECORD
xx3918	CANNOT ESTABLISH DEFAULT GROUP-ID OR POOL-ID
xx3919	MESSAGE OF THE DAY IS GREATER THAN 63 CHARACTERS
xx391A	FIRST CHARACTER NOT T, A, OR G
xx391B	NO T RECORDS IN TERMINALS FILE
xx391C	NO DEVICE NAME ON T RECORD

xx391D A RECORD NOT PRECEEDED BY T OR G RECORD

xx391E MULTIPLE G RECORDS IN TERMINALS FILE

xx391F MULTIPLE T RECORDS FOR A TERMINAL

The device-name in the current T record corresponds to the same terminal as for a device named in a previous T record. The system will ignore the current T record.

Section 35

Initialization Halt Messages

The following conditions will result in a halt during initialization. The halt condition is displayed in register $R1. Any further breakdown of the error is displayed in the register indicated in the message texts below. These texts do *not* appear on any output device or console.

NOTES: 1. Although the message code 99 is used for the Initialization Halt messages, the user is free to use this code value when creating messages for the Error Message Library (see Appendix A).
2. R2 below will indicate the yyzz value corresponding to the message codes described in this manual.

9902 ERROR ASSIGNING USER INPUT, R2 = ERROR

9903 ERROR SPAWNING CLM, R2 = ERROR

9905 ERROR REASSIGNING USER INTO CONSOLE, R2 = ERROR

9906 ERROR CHANGING SYSTEM DIRECTORY, R2 = ERROR

9907 ERROR CHANGING WORKING DIRECTORY, R2 = ERROR

9908 NO OP CONSOLE, EITHER LOCAL OR REMOTE

9909 ERROR SPAWNING DEBUG, R2 = ERROR

9910 FILE NOT FOUND, B2→FILE NAME

9911 IO ERROR, R2 = ERROR, B5→WHERE CALL WAS FROM

9912 NO MEMORY FOR OPENING ROLLOUT FILE

User should increase size of system pool.

9913 ERROR OPENING ROLLOUT FILE, R2 = ERROR

9914 ERROR DOING COMMAND IN, R2 = ERROR

9915 ERROR DOING USER OUT, R2 = ERROR

9916 ERROR CLOSING USER OUT, ERROR OUT, USER IN, COMMAND IN

9917 FILE CONTAINS ILLEGAL REMOTE EXTENT RECORD

$B2 points to the file name. The volume major directory or Z3EXECUTIVE file directory contains remote extent records. This can occur if the Z3EXECUTIVE file is copied into a new file whose size was not preallocated large enough to contain it as a *single* extent.

9918 LRN 2 NOT LEFT AVAILABLE FOR MLCP OP CONSOLE'S ALTERNATE

9921 NO MEMORY FOR INPUT BUFFER OVER 140 BYTES

9922 PROBLEM SPAWNING TASK WHICH DOES PCL FOR EC START-UP

9923 PROBLEM IN OPENING THE ERROR MESSAGE LIBRARY

9940 OUTPUT BY OIM, MSG TO GO OUT, BUT NO OP CONSOLE YET

$B4 points to MSG.

In addition, the following meesages may appear if a bootstrap halt condition occurs:

xx1611 NEXT SECTOR OF FILE BEING READ, BEYOND RANGE OF LAST

The Z3EXECUTIVE file contents are less than the expected file size.

xx1612 BU TO BE LOADED NOT FOUND ON THE VOLUME MAJOR DIR

The bound unit (Z3EXECUTIVE (S/L)) to be loaded was not found in the volume major directory.

Check to see if proper disk is mounted. No retry is possible.

xx1616 AN I/O ERROR HAS OCCURRED

An I/O error has occurred. $R6 contains the error bits of the hardware status word.

Press Run to retry the I/O function.

Section 36

Operator Interface Manager Messages

The following messages are issued by the Operator Interface Manager (OIM) and have no codes:

GROUP id DID NOT ACCEPT INPUT

Task group identified by id did not accept the last-entered input directed to it.

INVALID COMMAND x

The command whose first character is x is invalid.

TERMINAL LINE RECONNECTED

The previously disconnected line between the operator terminal and the MLCP has been reestablished.

NO BREAK ORDER FOR id

The ΔCΔBid (break) command is illegal for the task group identified by id.

NO QUERY FOR ANSWER n

Operator's input message includes the message number n; there is no outstanding output message with that number.

OUTPUT STALLED, QUERY ANSWER REQUIRED

Task attempted to issue an output message, but no message number available since there are already 10 outstanding messages. Task stalled until operator responds to an outstanding message, and that message number becomes available.

Appendix A

Adding User Messages to the Error Message Library

Honeywell has provided the facility for the user to create error and status messages and to store these messages in the Error Message Library (EML), as described below.

MESSAGE STRUCTURE

User-created messages to be stored in the EML must have the following structure (see Figure A-1):

- o A four-hexadecimal-character message code (stored as two ASCII bytes), in the form yyzz. The value of yy must be selected from the component message codes (hex) 80 through EE, which are reserved for user definition. The value of zz can be anywhere in the range 00 to FF.
- o The message code is immediately followed by a message text of up to 50 ASCII characters. The text should be left-justified.

The EML file contains variable-length records.

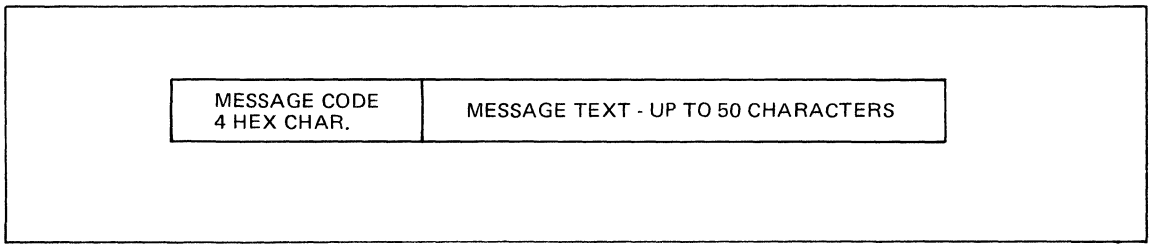

Figure A-1. Error Message Structure

ADDING A MESSAGE TO THE EML

There are three basic steps involved in adding a message to the EML:

1. Copying the index sequential EML file to a sequential work file.
2. Adding the new messages in the correct sequential position in the work file using the Editor.
3. Copying the updated sequential file back to an index sequential EML file.

Each of these steps is described in detail below.

Copying the Index Sequential EML File to a Sequential Work File

To copy the EML file to a sequential work file it is first necessary to use the CREATE FILE (CF) command, specifying the -SEQ argument and the pathname of the file to be created. For example:

```
CF >MYFILE -SEQ
```

Then use the COPY command, specifying the same output file name as was assigned in the CF command. The EML file has the pathname [^vol-id]>EML>EMLFILE. If the working directory is user-created, the ^vol-id value must be specified. ^vol-id identifies the Honeywell-supplied volume on which the system software resides. Following the previous example, the corresponding command would be CP [^vol-id]>EML>EMLFILE MYFILE.

NOTE: The output file must be sequentially organized.

Adding the New Messages to the Temporary Sequential EML File

After creating the sequential work file, the Editor is used to add the new messages to this file. Load the Editor using the ED command. Specify the sequential file pathname (in this case, MYFILE). In our example, the command would be: ED MYFILE. Having loaded the Editor you are ready to enter the message records, according to the structure described above. All messages to be added to the EML file must be entered in ascending sequence according to the message codes. Start the input line using the !Hxx escape sequence (see the *Program Preparation* manual, "Designating Contents of Line as an Address") to define, in two pairs, the four hexadecimal character message code. For example, if the message code is to be 8082, the input line will start with !H80!H82. There should be no spaces between any of these characters. Now enter the message text (up to 50 ASCII characters) immediately following the last hexadecimal character. In sum, the resulting Editor input line for our example will be: !H80!H82 THIS IS THE TEXT OF MY ERROR MESSAGE. Finally, depress the CARRIAGE RETURN to cause the addition of the message to the sequential file. Continue to enter/exit the Editor append mode until all new messages have been added to the file. Write the new file to disk and exit from the Editor. At this point, you are ready to re-create the EML index sequential file.

Copying the Sequential Work File to the Index Sequential EML File

To conclude the addition of user messages to the EML, use the COPY command to specify the updated sequential file's pathname and the pathname of the EML index sequential file,>EML>EMLFILE. In our example, this would be:

CP MYFILE [^vol-id]>EML>EMLFILE.

ABORT
WRITABLE CONTROL STORE ASSEMBLER ABORT CODES (XX1D), 19-1

ADDING
ADDING A MESSAGE TO THE EML, A-1
ADDING THE NEW MESSAGES TO THE TEMPORARY SEQUENTIAL EML FILE, A-2
ADDING USER MESSAGES TO THE ERROR MESSAGE LIBRARY, A-1

ASSEMBLER
ASSEMBLER MESSAGES (XX10), 10-1
WRITABLE CONTROL STORE ASSEMBLER ABORT CODES (XX1D), 19-1

BATCH
REMOTE BATCH FACILITY MESSAGES (XX33), 31-1

CLM
CLM COMMUNICATIONS ERROR MESSAGES (XX0B), 9-1

CLOCK
CLOCK MANAGER MESSAGES (XX04), 5-1

COBOL
COBOL COMPILER MESSAGES (XX26), 26-1
MESSAGES ISSUED BY COBOL OBJECT TIME ROUTINES (XX27), 27-1

CODES
COMPONENT MESSAGE CODES (TBL 1-1), 1-2
WRITABLE CONTROL STORE ASSEMBLER ABORT CODES (XX1D), 19-1

COMMAND
SYSTEM COMMAND MESSAGES (XX17), 17-1

COMMUNICATIONS
CLM COMMUNICATIONS ERROR MESSAGES (XX0B), 9-1
COMMUNICATIONS FILE TRANSMISSION PROGRAM MESSAGES (XX22), 22-1
MULTILINE COMMUNICATIONS PROCESSOR (DUMCP) ERROR MESSAGES (XX34), 32-1

COMPILER
COBOL COMPILER MESSAGES (XX26), 26-1
FORTRAN COMPILER MESSAGES (XX14), 14-1

COMPONENT
COMPONENT MESSAGE CODES (TBL 1-1), 1-2

CONFIGURATION
CONFIGURATION LOAD MANAGEMENT ERROR MESSAGES (XX13), 13-1

CONFIGURATOR
ISL CONFIGURATOR MESSAGES (XX37), 33-1

CONTROL
WRITEABLE CONTROL STORE ASSEMBLER ABORT CODES (XX1D), 19-1
WRITEABLE CTONROL STORE ERROR MESSAGES (XX1E), 20-1

COPYING
COPYING INDEX SEQUENTIAL EML FILE TO A SEQUENTIAL WORK FILE, A-1
COPYING SEQUENTIAL WORK FILE TO INDEX SEQUENTIAL EML FILE, A-2

DATA
DATA ENTRY FACILITY INITIALIZATION MESSAGES (XX2C), 29-1

DEFAULT
SAMPLE DEFAULT MESSAGES (FIG 1-1), 1-1

DEVICE
SAMPLE PHYSICAL I/O MESSAGE FOR A DISK DEVICE (FIG 1-3), 1-2
SAMPLE PHYSICAL I/O MESSAGE FOR A STORAGE MODULE DEVICE (FIG 1-4), 1-2

DISK
SAMPLE PHYSICAL I/O MESSAGE FOR A DISK DEVICE (FIG 1-3), 1-2

DPEDIT
DUMP EDIT (DPEDIT) ERROR MESSAGES (XX25), 25-1

DUMCP
MULTILINE COMMUNICATIONS PROCESSOR (DUMCP) ERROR MESSAGES (XX34), 32-1

DUMP
DUMP EDIT (DPEDIT) ERROR MESSAGES (XX25), 25-1

EDIT
DUMP EDIT (DPEDIT) ERROR MESSAGES (XX25), 25-1

EDITOR
EDITOR MESSAGES (XX19), 18-1

EML
ADDING A MESSAGE TO THE EML, A-1
ADDING THE NEW MESSAGES TO THE TEMPORARY SEQUENTIAL EML FILE, A-2
COPYING INDEX SEQUENTIAL EML FILE TO A SEQUENTIAL WORK FILE, A-1
COPYING SEQUENTIAL WORK FILE TO INDEX SEQUENTIAL EML FILE, A-2

ENTRY
DATA ENTRY FACILITY INITIALIZATION MESSAGES (XX2C), 29-1

ERROR
ADDING USER MESSAGES TO THE ERROR MESSAGE LIBRARY, A-1

ERROR (CONT'D)
CLM COMMUNICATIONS ERROR MESSAGES (XX0B), 9-1
CONFIGURATION LOAD MANAGEMENT ERROR MESSAGES (XX13), 13-1
DUMP EDIT (DPEDIT) ERROR MESSAGES (XX25), 25-1
ERROR MESSAGE STRUCTURE (FIG A-1), A-1
GENERAL USER RESPONSE TO ERROR MESSAGES, 1-3
LOGIN/LISTENER ERROR MESSAGES (XX39), 34-1
MONITOR ERROR MESSAGES (XX0B), B-1
MULTILINE COMMUNICATIONS PROCESSOR (DUMCP) ERROR MESSAGES (XX34), 32-1
RPG OBJECT TIME ERROR MESSAGES (XX29), 28-1
SORT AND MERGE ERROR MESSAGES (XX31), 30-1
WRITABLE CONTROL STORE ERROR MESSAGES (XX1E), 20-1

EXPORT/IMPORT
EXPORT/IMPORT PAM FILE PROGRAM MESSAGES (XX24), 24-1

FACILITY
DATA ENTRY FACILITY INITIALIZATION MESSAGES (XX2C), 29-1
REMOTE BATCH FACILITY MESSAGES (X33), 31-1

FILE
ADDING THE NEW MESSAGES TO THE TEMPORARY SEQUENTIAL EML FILE, A-2
COMMUNICATIONS FILE TRANSMISSION PROGRAM MESSAGES (XX22), 22-1
COPYING INDEX SEQUENTIAL EML FILE TO A SEQUENTIAL WORK FILE, A-1
COPYING SEQUENTIAL WORK FILE TO INDEX SEQUENTIAL EML FILE, A-2
EXPORT/IMPORT PAM FILE PROGRAM MESSAGES (XX24), 24-1
FILE SYSTEM MESSAGES (XX02), 3-1

FORMAT
MESSAGE FORMAT, 1-1

FORTRAN
FORTRAN COMPILER MESSAGES (XX14), 14-1
FORTRAN OBJECT TIME MESSAGES (XX15), 15-1

FUNCTION
SEMAPHORE FUNCTION MESSAGES (XX05), 6-1

GENERAL
GENERAL DESCRIPTION OF SYSTEM MESSAGES, 1-1
GENERAL USER RESPONSE TO ERROR MESSAGES, 1-3

HALT
INITIALIZATION HALT MESSAGES, 35-1

INDEX
COPYING INDEX SEQUENTIAL EML FILE TO A SEQUENTIAL WORK FILE, A-1
COPYING SEQUENTIAL WORK FILE TO INDEX SEQUENTIAL EML FILE, A-2

INITIALIZATION
DATA ENTRY FACILITY INITIALIZATION MESSAGES (XX2C), 29-1
INITIALIZATION HALT MESSAGES, 35-1

INTERFACE
OPERATOR INTERFACE MANAGER MESSAGES, 36-1

I/O
PHYSICAL I/O MESSAGES (XX01), 2-1
SAMPLE PHYSICAL I/O MESSAGE FOR A DISK DEVICE (FIG 1-3), 1-2
SAMPLE PHYSICAL I/O MESSAGE FOR A STORAGE MODULE DEVICE (FIG 1-4), 1-2

ISL
ISL CONFIGURATOR MESSAGES (XX37), 33-1

ISSUED
MESSAGES ISSUED BY COBOL OBJECT TIME ROUTINES (XX27), 27-1

LIBRARY
ADDING USER MESSAGES TO THE ERROR MESSAGE LIBRARY, A-1

LINKER
LINKER MESSAGES (11YYZZ), 11-1

LOAD
CONFIGURATION LOAD MANAGEMENT ERROR MESSAGES (XX13), 13-1

LOADER
LOADER MESSAGES (XX16), 16-1

LOGIN/LISTENER
LOGIN/LISTENER ERROR MESSAGES (XX39), 34-1

MACRO
MACRO PREPROCESSOR MESSAGES (XX23), 23-1

MANAGEMENT
CONFIGURATION LOAD MANAGEMENT ERROR MESSAGES (XX13), 13-1

MANAGER
CLOCK MANAGER MESSAGES (XX04), 5-1
MEMORY MANAGER MESSAGES (XX06), 7-1
OPERATOR INTERFACE MANAGER MESSAGES, 36-1

MEMORY
MEMORY MANAGER MESSAGES (XX06), 7-1

MERGE
SORT AND MERGE ERROR MESSAGES (XX31), 30-1

MESSAGE
ADDING A MESSAGE TO THE EML, A-1
ADDING USER MESSAGES TO THE ERROR MESSAGE LIBRARY, A-1
COMPONENT MESSAGE CODES (TBL 1-1), 1-2
ERROR MESSAGE STRUCTURE (FIG A-1), A-1
MESSAGE FORMAT, 1-1
MESSAGE STRUCTURE, A-1
SAMPLE DEFAULT MESSAGE (FIG 1-1), 1-1
SAMPLE MESSAGE WITH TEST (FIG 1-2), 1-1
SAMPLE PHYSICAL I/O MESSAGE FOR A DISK DEVICE (FIG 1-3), 1-2
SAMPLE PHYSICAL I/O MESSAGE FOR A STORAGE MODULE DEVICE (FIG 1-4), 1-2

MESSAGES
ADDING THE NEW MESSAGES TO THE TEMPORARY SEQUENTIAL EML FILE, A-2
ADDING USER MESSAGES TO THE ERROR MESSAGE LIBRARY, A-1
ASSEMBLER MESSAGES (XX10), 10-1
CLM COMMUNICATIONS ERROR MESSAGES (XX0B), 9-1
CLOCK MANAGER MESSAGES (XX04), 5-1
COBOL COMPILER MESSAGES (XX26), 26-1
COMMUNICATIONS FILE TRANSMISSION PROGRAM MESSAGES (XX22), 22-1
CONFIGURATION LOAD MANAGEMENT ERROR MESSAGES (XX13), 13-1
DATA ENTRY FACILITY INITIALIZATION MESSAGES (XX2C), 29-1
DUMP EDIT (DPEDIT) ERROR MESSAGES (XX25), 25-1
EDITOR MESSAGES (XX19), 18-1
EXPORT/IMPORT PAM FILE PROGRAM MESSAGES (XX24), 24-1
FILE SYSTEM MESSAGES (XX02), 3-1
FORTRAN COMPILER MESSAGES (XX14), 14-1
FORTRAN OBJECT TIME MESSAGES (XX15), 15-1
GENERAL DESCRIPTION OF SYSTEM MESSAGES, 1-1
GENERAL USER RESPONSE TO ERROR MESSAGES, 1-3
INITIALIZATION HALT MESSAGES, 35-1
ISL CONFIGURATOR MESSAGES (XX37), 33-1
LINKER MESSAGES (llYYZZ), 11-1
LOADER MESSAGES (XX16), 16-1
LOGIN/LISTENER ERROR MESSAGES (XX39), 34-1

MESSAGES (CONT'D)
MACRO PREPROCESSOR MESSAGES (XX23), 23-1
MEMORY MANAGER MESSAGES (XX06), 7-1
MESSAGES ISSUED BY COBOL OBJECT TIME ROUTINES (XX27), 27-1
MONITOR ERROR MESSAGES (XX08), 8-1
MULTILINE COMMUNICATIONS PROCESSOR (DUMCP) ERROR MESSAGES (XX34), 32-1
OPERATOR INTERFACE MANAGER MESSAGES, 36-1
PATCH MESSAGES (XX21), 21-1
PHYSICAL I/O MESSAGES (XX01), 2-1
REMOTE BATCH FACILITY MESSAGES (XX33), 31-1
RPG OBJECT TIME ERROR MESSAGES (XX29), 28-1
SEMAPHORE FUNCTION MESSAGES (XX05), 6-1
SORT AND MERGE ERROR MESSAGES (XX31), 30-1
SYSTEM COMMAND MESSAGES (XX17), 17-1
TRAP HANDLER MESSAGES (XX03), 4-1
UTILITY PROGRAMS MESSAGES (XX12), 12-1
WRITEABLE CONTROL STORE ERROR MESSAGES (XX1E), 20-1

MODULE
SAMPLE PHYSICAL I/O MESSAGE FOR A STORAGE MODULE DEVICE (FIG 1-4), 1-2

MONITOR
MONITOR ERROR MESSAGES (XX08), 8-1

MULTILINE COMMUNICATIONS PROCESSOR
MULTILINE COMMUNICATIONS PROCESSOR (DUMCP) ERROR MESSAGES (XX34), 32-1

OBJECT
FORTRAN OBJECT TIME MESSAGES (XX15), 15-1
MESSAGES ISSUED BY COBOL OBJECT TIME ROUTINES (XX27), 27-1
RPG OBJECT TIME ERROR MESSAGES (XX29), 28-1

OPERATOR
OPERATOR INTERFACE MANAGER MESSAGES, 36-1

PAM
EXPORT/IMPORT PAM FILE PROGRAM MESSAGES (XX24), 24-1

PATCH
PATCH MESSAGES (XX21), 21-1

PHYSICAL
PHYSICAL I/O MESSAGES (XX01), 2-1
SAMPLE PHYSICAL I/O MESSAGE FOR A DISK DEVICE (FIG 1-3), 1-2
SAMPLE PHYSICAL I/O MESSAGE FOR A STORAGE MODULE DEVICE (FIG 1-4), 1-2

PREPROCESSOR
MACRO PREPROCESSOR MESSAGES (XX23), 23-1

PROCESSOR
MULTILINE COMMUNICATIONS PROCESSOR (DUMCP) ERROR MESSAGES (XX34), 23-1

PROGRAM
COMMUNICATIONS FILE TRANSMISSION PROGRAM MESSAGES (XX22), 22-1
EXPORT/IMPORT PAM FILE PROGRAM MESSAGES (XX24), 24-1

PROGRAMS
UTILITY PROGRAMS MESSAGES (XX12), 12-1

REMOTE
REMOTE BATCH FACILITY MESSAGES (XX33), 31-1

RESPONSE
GENERAL USER RESPONSE TO ERROR MESSAGES, 1-3

ROUTINES
MESSAGES ISSUED BY COBOL OBJECT TIME ROUTINES (XX27), 27-1

RPG
RPG OBJECT TIME ERROR MESSAGES (XX29), 28-1

SAMPLE
SAMPLE DEFAULT MESSAGE (FIG 1-1), 1-1
SAMPLE MESSAGE WITH TEXT (FIG 1-2), 1-1
SAMPLE PHYSICAL I/O MESSAGE FOR A DISK DEVICE (FIG 1-3), 1-2
SAMPLE PHYSICAL I/O MESSAGE FOR A STORAGE MODULE DEVICE (FIG 1-4), 1-2

SEMAPHORE
SEMAPHORE FUNCTION MESSAGES (XX05), 6-1

SEQUENTIAL
ADDING THE NEW MESSAGES TO THE TEMPORARY SEQUENTIAL EML FILE, A-2
COPYING INDEX SEQUENTIAL EML FILE TO A SEQUENTIAL WORK FILE, A-1
COPYING SEQUENTIAL WORK FILE TO INDEX SEQUENTIAL EML FILE, A-2

SORT
SORT AND MERGE ERROR MESSAGES (XX31), 30-1

STORAGE
SAMPLE PHYSICAL I/O MESSAGE FOR A STORAGE MODULE DEVICE (FIG 1-4), 1-2

STORE
WRITEABLE CONTROL STORE ASSEMBLER ABORT CODES (XX1D), 19-1
WRITEABLE CONTROL STORE ERROR MESSAGES, (XX1E), 20-1

STRUCTURE
ERROR MESSAGE STRUCTURE (FIG A-1), A-1

SYSTEM
FILE SYSTEM MESSAGES (XX02), 3-1
GENERAL DESCRIPTION OF SYSTEM MESSAGES, 1-1
SYSTEM COMMAND MESSAGES (XX17, 17-1

TEXT
SAMPLE MESSAGE WITH TEXT (FIG 1-2), 1-1

TIME
FORTRAN OBJECT TIME MESSAGES (XX15), 15-1
MESSAGES ISSUED BY COBOL OBJECT TIME ROUTINES (XX27), 27-1
RPG OBJECT TIME ERROR MESSAGES (XX29), 28-1

TRANSMISSION
COMMUNICATIONS FILE TRANSMISSION PROGRAM MESSAGES (XX22), 22-1

TRAP
TRAP HANDLER MESSAGES (XX03), 4-1

UTILITY
UTILITY PROGRAMS MESSAGES (XX12), 12-1

WORK
COPYING INDEX SEQUENTIAL EML FILE TO A SEQUENTIAL WORK FILE, A-1
COPYING SEQUENTIAL WORK FILE TO INDEX SEQUENTIAL EML FILE, A-2

WRITEABLE
WRITEABLE CONTROL STORE ASSEMBLER ABORT CODES (XX1D), 19-1
WRITEABLE CONTROL STORE ERROR MESSAGES (XX1E), 20-1

XX01
PHYSICAL I/O MESSAGES (XX01), 2-1

XX02
FILE SYSTEM MESSAGES (XX02), 3-1

XX03
TRAP HANDLER MESSAGES (XX03), 4-1

XX04
CLOCK MANAGER MESSAGES (XX04), 5-1

XX05
SEMAPHORE FUNCTION MESSAGES (XX05), 6-1

XX06
MEMORY MANAGER MESSAGES (XX06), 7-1

XX08
MONITOR ERROR MESSAGES (XX08), 8-1

XX0B
CLM COMMUNICATIONS ERROR MESSAGES (XX0B), 9-1

XX10
ASSEMBLER MESSAGES (XX10), 10-1

XX12
UTILITY PROGRAMS MESSAGES (XX12), 12-1

XX13
CONFIGURATION LOAD MANAGEMENT ERROR MESSAGES (XX13), 13-1

XX14
FORTRAN COMPILER MESSAGES (XX14), 14-1

XX15
FORTRAN OBJECT TIME MESSAGES (XX15), 15-1

XX16
LOADER MESSAGES (XX16), 16-1

XX17
SYSTEM COMMAND MESSAGES (XX17), 17-1

XX19
EDITOR MESSAGES (XX19), 18-1

XX1D
WRITEABLE CONTROL STORE ASSEMBLER ABORT CODES (XX1D), 19-1

XX1E
WRITEABLE CONTROL STORE ERROR MESSAGES (XX1E), 20-1

XX21
PATCH MESSAGES (XX21), 21-1

XX22
COMMUNICATIONS FILE TRANSMISSION PROGRAM MESSAGES (XX22), 22-1

XX23
MACRO PREPROCESSOR MESSAGES (XX23), 23-1

XX24
EXPORT/IMPORT PAM FILE PROGRAM MESSAGES (XX24), 24-1

XX25
DUMP EDIT (DPEDIT) ERROR MESSAGES (XX25), 25-1

XX26
COBOL COMPILER MESSAGES (XX26), 26-1

XX27
MESSAGES ISSUED BY COBOL OBJECT TIME ROUTINES (XX27), 27-1

XX29
RPG OBJECT TIME ERROR MESSAGES (XX29), 28-1

XX2C
DATA ENTRY FACILITY INITIALIZATION MESSAGES (XX2C), 29-1

XX31
SORT AND MERGE ERROR MESSAGES (XX31), 30-1

XX33
REMOTE BATCH FACILITY MESSAGES (XX33), 31-1

XX34
MULTILINE COMMUNICATIONS PROCESSOR (DUMCP) ERROR MESSAGES (XX34), 23-1

XX37
ISL CONFIGURATOR MESSAGES (XX37), 33-1

XX39
LOGIN/LISTENER ERROR MESSAGES (XX39), 34-1

CUT ALONG LIN

HONEYWELL INFORMATION SYSTEMS

Technical Publications Remarks Form

TITLE: SERIES 60 (LEVEL 6) GCOS 6 SYSTEM MESSAGES

ORDER NO. CB06, REV. 0

DATED JANUARY 1978

ERRORS IN PUBLICATION

SUGGESTIONS FOR IMPROVEMENT TO PUBLICATION

Your comments will be promptly investigated by appropriate technical personnel and action will be taken as required. If you require a written reply, check here and furnish complete mailing address below. ☐

FROM: NAME _____ DATE _____

TITLE _____

COMPANY _____

ADDRESS _____

_____

CUT ALONG LINE

FOLD ALONG LINE

PLEASE FOLD AND TAPE –
NOTE: U. S. Postal Service will not deliver stapled forms

FIRST CLASS
PERMIT NO. 39531
WALTHAM, MA
02154

Business Reply Mail
Postage Stamp Not Necessary if Mailed in the United States

Postage Will Be Paid By:

HONEYWELL INFORMATION SYSTEMS
200 SMITH STREET
WALTHAM, MA 02154

ATTENTION: PUBLICATIONS, MS 486

FOLD ALONG LINE

Honeywell

Honeywell

Honeywell Information Systems
In the U.S.A.: 200 Smith Street, MS 486, Waltham, Massachusetts 02154
In Canada: 2025 Sheppard Avenue East, Willowdale, Ontario M2J 1W5
In Mexico: Avenida Nuevo Leon 250, Mexico 11, D.F.

20674, 3578, Printed in U.S.A.

CB06, Rev. 0