HEWLETT PACKARD

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MPE/iX Error Messages Manual Volume I

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MPE/iX Error Messages Manual Volume I



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Printing History

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Preface

MPE/iX, Multiprogramming Executive with Integrated POSIX, is the latest in a series of forward-compatible operating systems for the HP 3000 line of computers.

In HP documentation and in talking with HP 3000 users, you will encounter references to MPE XL, the direct predecessor of MPE/iX. MPE/iX is a superset of MPE XL. All programs written for MPE XL will run without change under MPE/iX. You can continue to use MPE XL system documentation, although it may not refer to features added to the operating system to support POSIX (for example, hierarchical directories).

Finally, you may encounter references to MPE V, which is the operating system for HP 3000s, not based on PA-RISC architecture. MPE V software can be run on the PA-RISC (Series 900) HP 3000s in what is known as *compatibility mode*.

Conventions

UPPERCASE In a syntax statement, commands and keywords are shown in uppercase characters. The characters must be entered in the order shown; however, you can enter the characters in either uppercase or lowercase. For example:

COMMAND

can be entered as any of the following:

command **Command** **COMMAND**

It cannot, however, be entered as:

comm **com_mand** **comamnd**

italics In a syntax statement or an example, a word in italics represents a parameter or argument that you must replace with the actual value. In the following example, you must replace *filename* with the name of the file:

COMMAND *filename*

bold italics In a syntax statement, a word in bold italics represents a parameter that you must replace with the actual value. In the following example, you must replace filename with the name of the file:

COMMAND(filename)

punctuation In a syntax statement, punctuation characters (other than brackets, braces, vertical bars, and ellipses) must be entered exactly as shown. In the following example, the parentheses and colon must be entered:

(*filename*):(*filename*)

underlining Within an example that contains interactive dialog, user input and user responses to prompts are indicated by underlining. In the following example, yes is the user's response to the prompt:

Do you want to continue? >> **yes**

{ } In a syntax statement, braces enclose required elements. When several elements are stacked within braces, you must select one. In the following example, you must select either **ON** or **OFF**:

COMMAND { **ON** / **OFF** }

[ ] In a syntax statement, brackets enclose optional elements. In the following example, **OPTION** can be omitted:

COMMAND *filename* **[OPTION]**

When several elements are stacked within brackets, you can select one or none of the elements. In the following example, you can select **OPTION** or *parameter* or neither. The elements cannot be repeated.

COMMAND *filename* [**OPTION** / *parameter*]

Conventions (continued)

`[ ... ]` In a syntax statement, horizontal ellipses enclosed in brackets indicate that you can repeatedly select the element(s) that appear within the immediately preceding pair of brackets or braces. In the example below, you can select *parameter* zero or more times. Each instance of *parameter* must be preceded by a comma:

`[,`*parameter*`][...]`

In the example below, you only use the comma as a delimiter if *parameter* is repeated; no comma is used before the first occurrence of *parameter*:

`[`*parameter*`][,...]`

`| ... |` In a syntax statement, horizontal ellipses enclosed in vertical bars indicate that you can select more than one element within the immediately preceding pair of brackets or braces. However, each particular element can only be selected once. In the following example, you must select **A**, **AB**, **BA**, or **B**. The elements cannot be repeated.

$$\left\{\begin{matrix}\mathbf{A}\\ \mathbf{B}\end{matrix}\right\}\text{| ... |}$$

... In an example, horizontal or vertical ellipses indicate where portions of an example have been omitted.

Δ In a syntax statement, the space symbol Δ shows a required blank. In the following example, *parameter* and *parameter* must be separated with a blank:

(*parameter*)Δ(*parameter*)

 The symbol indicates a key on the keyboard. For example, RETURN represents the carriage return key or Shift represents the shift key.

CTRL*character* CTRL*character* indicates a control character. For example, CTRL Y means that you press the control key and the Y key simultaneously.

Contents

1. **Introduction**
   Intrinsic Status Parameter 1-1

2. **Command Interpreter**
   (CIERR) 2-1

3. **CREATE**
   (CREATE ERR) 3-1

4. **CS80 Disk Manager**
   (Subsystem 121) 4-1

5. **DS/3000**
   (DSERR) 5-1

6. **Directory Subsystem**
   Subsystem 518 6-1

7. **Directory Traversal Subsystem**
   (Subsystem 519) 7-1

8. **FCOPY**
   Display During Sessions 8-1
   Display During Jobs 8-2
   Types of Messages 8-2
   Error, Warning, and Status Messages 8-2

9. **File System (Compatibility Mode)**
   (FSERR) 9-1

10. **File System (Native Mode)**
    (Subsystem 143) 10-1

11. **Eagle A-mux Device Manager**
    (Subsystem 198) 11-1

12. HPIVOLINFO
(Subsystem 163) 12-1

13. Intrinsic Abort
(Subsystem 221) 13-1

14. Intrinsics Error Message, HPFOPEN
HPFOPEN 14-1

15. Intrinsic Error Messages, FFILEINFO
FFILEINFO 15-1

16. Intrinsic Status Returns, HPMERGE
(Subsystem 196) 16-1

17. Intrinsic Status Returns, HPSORT
(Subsystem 195) 17-1

Tables

1-1. Status.subsys Parameter Identifiers 1-2

1

Introduction

This manual, which consists of three volumes, contains MPE/iX error messages. Each volume is divided into chapters that address individual subsystems or categories of error messages. Volumes I and II cover error messages frequently encountered in general usage and programmatic calls to MPE/iX intrinsics. The third volume covers error messages more likely to be encountered by systems programmers or error message sets too large to be included in either of the first two volumes. Within each volume, chapters are arranged in alphabetical order. Whenever possible, a probable cause for the error condition, and a suggested corrective action are provided with the message.

Intrinsic Status Parameter

Some intrinsics use the *status* parameter to return information on the status of the intrinsic call (refer to the *MPE/iX Intrinsics Reference Manual (322650-90028)*, for further information on this feature). The *status* parameter contains a number representing the subsystem that initiated the error or warning.

Table 1-1 represents the possible values returned by the *status* parameter.

Table 1-1. Status.subsys Parameter Identifiers

Subsystem ID	Subsystem
0	Successful (no errors)
9	CM Loader
098	System Aborts
100	Switch
101	Memory Manager
102	Process Manager
103	Stack Unwind
104	NM Loader
107	Virtual Space Management
108	Table Management
110	Clock/Timer Manager
111	High Level I/O
113	Low Level I/O
114	HPIO Channel Manager
116	HPIB Adapter Manager
121	CS80 Disk Manager
122	Port (IPC) Facility
123	Dispatcher
127	CIPER Device Manager
128	Terminal I/O Manager for Logging
130	Page Printer Device Manager
133	Measurement Interface
137	Uninterrupted Power Supply (UPS) Monitor
143	File System, KSAM/XL
145	Secondary Storage Management
151	Transaction Management
153	File System Label Management
154	CM Support Routines
158	Break Handling
161	Command Interpreter

Table 1-1.
Status.subsys Parameter Identifiers (continued)

Subsystem ID	Subsystem
165	Debug Low-level Breakpoint Management
169	CM Debugger
185	File System Storage Management
187	Error Management
188	CM Emulator, Translator, OCT
193	Floating Point Conversion
195	HP Sort
196	HP Merge
198	Eagle A-Mux Device Manager
200	U Code Trap Handler
201	Data Communication Buffer Manager
206	System Logging
213	I/O Services
221	Intrinsic Aborts
222	Intrinsic Names
236	Native Mode Spooler
518	Directory Subsystem
519	Directory Traversal Subsystem
520	SVIPC

2

Command Interpreter

(CIERR)

11	MESSAGE	PROGRAMMATIC EXECUTION OF THIS COMMAND HAS BEEN DISABLED. (CIERR 11)
	CAUSE	The command in question may not be executed programatically.
	ACTION	See your system manager.
12	MESSAGE	COMMAND NOT PROGRAMMATICALLY EXECUTABLE. (CIERR 12)
	CAUSE	The command in question may not be executed programatically.
	ACTION	There is no way at present to change this characteristic. If you feel that this is something you need, you may wish to inform your system manager or support representative.
13	MESSAGE	COMMAND NOT TERMINATED BY CARRIAGE RETURN. (CIERR 13)
	CAUSE	Somehow the system has attempted to execute your command line without your having pressed the carriage return key.
	ACTION	Reenter your command; be sure you press the return key at the end of your command.
14	MESSAGE	PARAMETER EXCEEDS 255 CHARACTERS. (CIERR 14)
	CAUSE	One of your command parameters contains more than 255 characters, which is the maximum allowed.
	ACTION	Reenter your command; be sure none of your parameters exceeds 255 characters.

80	MESSAGE	CAN'T INITIATE NEW SESSIONS NOW. (CIERR 80)
	CAUSE	This may mean that the maximum number of users are currently logged on; or, it may mean that your system management is doing something on the system that requires all users to be logged off.
	ACTION	You can wait a while and try again later; if you get this message again, contact your system operator for assistance.
81	MESSAGE	STACK TOO SMALL FOR STREAM COMMAND TO BEGIN PROCESSING. (CIERR 81)
82	MESSAGE	STREAM FACILITY NOT ENABLED: SEE OPERATOR. (CIERR 82)
	CAUSE	Apparently your system management has disallowed the use of the STREAM command.
	ACTION	See your system operator or system manager.
83	MESSAGE	STREAM FILE MUST BE OF TYPE ASCII. (CIERR 83)
	CAUSE	You have attempted to stream a job file that is not written in ASCII code.
	ACTION	The only way you can stream your job is to be sure it is written in ASCII code.
84	MESSAGE	RECORD LENGTH OF STREAM FILE MUST BE LESS THAN 256 BYTES. (CIERR 84)
	CAUSE	At least one of the records in your job file is longer than the 255 bytes allowed by the system.
	ACTION	Edit your job file to ensure that no record is longer than 255 characters.

86	MESSAGE	CAN'T INITIATE NEW SESSIONS NOW DUE TO INSUFFICIENT DISK SPACE. (CIERR 86)
	CAUSE	The system has run out of disk space and cannot allow any more users to log on.
	ACTION	Discuss the problem with your system manager.
118	MESSAGE	LDEV #/ MODEM PORT IS INCORRECTLY CONFIGURED ON SYSTEM. CONNECTION REFUSED.
101	MESSAGE	LISTFILE SELEQS MAY ONLY SELECT ON FTYPE. (CIERR 101)
102	MESSAGE	LISTFILE SELEQS MAY ONLY SELECT USING EQUALITY. (CIERR 102)
103	MESSAGE	LISTFILE SELEQS MAY ONLY SELECT ON ONE PARAMETER. (CIERR 103)
104	MESSAGE	LISTFILE FTYPE VALUE IS UNKNOWN. USE KSAMXL OR SPOOL. (CIERR 104)
105	MESSAGE	LISTFILE PASS OPTION NOT VALID WITH THIS FORMAT. (CIWARN 105)
106	MESSAGE	LISTFILE LEVEL MUST BE -1, 0 TO 7, OR FORMAT NAME. (CIWARN 106)
110	MESSAGE	MISSING GROUP, LOGON ABORTED. (CIERR 110)
111	MESSAGE	MISSING ACCOUNT, LOGON ABORTED. (CIERR 111)

112	MESSAGE	MISSING USER, LOGON ABORTED. (CIERR 112)
113	MESSAGE	MISSING HOME GROUP, LOGON ABORTED. (CIERR 113)
130	MESSAGE	EMPTY CHARACTER CLASS IN FILE NAME. (CIERR 130)
131	MESSAGE	CHARACTER CLASS RANGE "(ALPHABETIC-NUMERIC)" IN FILE NAME. (CIERR 131)
132	MESSAGE	CHARACTER CLASS RANGE "(NUMERIC-ALPHABETIC)" IN FILE NAME. (CIERR 132)
133	MESSAGE	CHARACTER CLASS RANGE WITHOUT STARTING CHARACTER IN FILE NAME. (CIERR 133)
134	MESSAGE	CHARACTER CLASS RANGE WITHOUT CLOSING CHARACTER IN FILE NAME. (CIERR 134)
135	MESSAGE	NON-ALPHANUMERIC CHARACTER CLASS FOUND IN FILE NAME. (CIERR 135)
136	MESSAGE	CHARACTER CLASS MISSING CLOSING ')' FOUND IN FILE NAME. (CIERR 136)
137	MESSAGE	CHARACTER CLASS NOT ALLOWED IN FILE NAME. (CIERR 137)
140	MESSAGE	EMPTY CHARACTER CLASS IN GROUP NAME. (CIERR 140)

141	MESSAGE	CHARACTER CLASS RANGE "(ALPHABETIC-NUMERIC)" IN GROUP NAME. (CIERR 141)
142	MESSAGE	CHARACTER CLASS RANGE "(NUMERIC-ALPHABETIC)" IN GROUP NAME. (CIERR 142)
143	MESSAGE	CHARACTER CLASS RANGE WITHOUT STARTING CHARACTER IN GROUP NAME. (CIERR 143)
144	MESSAGE	CHARACTER CLASS RANGE WITHOUT CLOSING CHARACTER IN GROUP NAME. (CIERR 144)
145	MESSAGE	NON-ALPHANUMERIC CHARACTER CLASS FOUND IN GROUP NAME. (CIERR 145)
146	MESSAGE	CHARACTER CLASS MISSING CLOSING ')' FOUND IN GROUP NAME. (CIERR 146)
147	MESSAGE	CHARACTER CLASS NOT ALLOWED IN GROUP NAME. (CIERR 147)
150	MESSAGE	EMPTY CHARACTER CLASS IN ACCOUNT NAME. (CIERR 150)
151	MESSAGE	CHARACTER CLASS RANGE "(ALPHABETIC-NUMERIC)" IN ACCOUNT NAME. (CIERR 151)
152	MESSAGE	CHARACTER CLASS RANGE "(NUMERIC-ALPHABETIC)" IN ACCOUNT NAME. (CIERR 152)
153	MESSAGE	CHARACTER CLASS RANGE WITHOUT STARTING CHARACTER IN ACCOUNT NAME. (CIERR 153)

154	MESSAGE	CHARACTER CLASS RANGE WITHOUT CLOSING CHARACTER IN ACCOUNT NAME. (CIERR 154)
155	MESSAGE	NON-ALPHANUMERIC CHARACTER CLASS FOUND IN ACCOUNT NAME. (CIERR 155)
156	MESSAGE	CHARACTER CLASS MISSING CLOSING ')' FOUND IN ACCOUNT NAME. (CIERR 156)
157	MESSAGE	CHARACTER CLASS NOT ALLOWED IN ACCOUNT NAME. (CIERR 157)
160	MESSAGE	EMPTY CHARACTER CLASS IN LOCK WORD. (CIERR 160)
161	MESSAGE	CHARACTER CLASS RANGE "(ALPHABETIC-NUMERIC)" IN LOCK WORD. (CIERR 161)
162	MESSAGE	CHARACTER CLASS RANGE "(NUMERIC-ALPHABETIC)" IN LOCK WORD. (CIERR 162)
163	MESSAGE	CHARACTER CLASS RANGE WITHOUT STARTING CHARACTER IN LOCK WORD. (CIERR 163)
164	MESSAGE	CHARACTER CLASS RANGE WITHOUT CLOSING CHARACTER IN LOCK WORD. (CIERR 164)
165	MESSAGE	NON-ALPHANUMERIC CHARACTER CLASS FOUND IN LOCK WORD. (CIERR 165)
166	MESSAGE	CHARACTER CLASS MISSING CLOSING ')' FOUND IN LOCK WORD. (CIERR 166)

167	MESSAGE	CHARACTER CLASS NOT ALLOWED IN LOCK WORD. (CIERR 167)
190	MESSAGE	NO FILES MATCH 'SELEQ' FOR ! (CIWARN 190)
199	MESSAGE	NO LOCKWORDS ALLOWED IN :FILE FORMAL DESIGNATORS. (CIERR 199)
	CAUSE	You have included a lockword in your FILE statement; this is not allowed.
	ACTION	Reenter the file equation, leaving out the lockword. To review the syntax of the FILE command, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
200	MESSAGE	MORE THAN 200 PARAMETERS TO BUILD COMMAND. (CIERR 200)
	CAUSE	You have included more than 200 parameters in your BUILD command; this is not allowed.
	ACTION	Reenter the BUILD command; limit the number of parameters to 30 or less. To review the syntax of this command, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
201	MESSAGE	NAME OF FILE TO BE BUILT IS A REQUIRED PARAMETER. (CIERR 201)
	CAUSE	You have failed to enter a filename in the BUILD command.
	ACTION	Reenter the FILE command, specifying a filename. To review the syntax of this command, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*

202	MESSAGE	FILE CODE MISSING, DEFAULTED TO 0. (CIWARN 202)
	CAUSE	You did not supply a file code value to the command. System used a default value.
	ACTION	No action is required, unless the default value is not what you desired.
203	MESSAGE	MORE THAN 200 PARAMETERS TO FILE COMMAND. (CIERR 203)
	CAUSE	You have included more than 200 parameters in your FILE command; this is not allowed.
	ACTION	Reenter the FILE command; limit the number of parameters to 30 or less. To review the syntax of this command, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
204	MESSAGE	FILE COMMAND REQUIRES AT LEAST TWO PARAMETERS, INCLUDING THE FORMAL NAME OF THE FILE. (CIERR 204)
	CAUSE	You have specified less than two parameters in your FILE statement; a minimum of two is required.
	ACTION	Reenter the FILE command; specify at least one parameter in addition to the formal filename. To review the syntax of this command, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
205	MESSAGE	A FORMAL FILE DESIGNATOR MAY NOT BE A BACK REFERENCED FILE NAME. (CIERR 205)
	CAUSE	You have used a "backreferenced" filename (*filename) as the formal filename; this is not allowed.
	ACTION	Reenter your command; do not use the "*" backreference in the filename.

206	MESSAGE	A FORMAL FILE DESIGNATOR MAY NOT BE A SYSTEM DEFINED FILE NAME. (CIERR 206)
	CAUSE	You have used a "system-defined" filename ($filename) as the formal filename; this is not allowed.
	ACTION	Reenter your command; your formal filename must not begin with "$" or any other nonalphabetic character. Remember that a formal filename must be a unique name, must begin with an alpha character, and may not consist of more than eight alphanumeric characters.
207	MESSAGE	THE FILE COMMAND REQUIRES AT LEAST 2 PARAMETERS. (CIERR 207)
	CAUSE	You have specified less than two parameters in your FILE statement; a minimum of two is required.
	ACTION	Reenter the FILE command; specify at least one parameter in addition to the formal filename. To review the syntax of this command, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
208	MESSAGE	NO PARAMETERS MAY BE SUPPLIED WHEN BACK REFERENCING A FILE. (CIERR 208)
	CAUSE	You have attempted to specify parameters with your backreference (*filename); this is not allowed.
	ACTION	Reenter your command; either do not use backreferencing, or leave out the parameters.

209	MESSAGE	UNABLE TO FIND A FILE COMMAND FOR FILE !. (CIERR 209)
	CAUSE	You have backreferenced a file (*filename) that was never defined in a FILE statement.
	ACTION	Either define the file in a FILE statement and then reenter your command, or check to be sure your backreferenced filename is spelled correctly. To check the FILE statements for your session, use the LISTEQ command.
210	MESSAGE	NO PARAMETERS MAY BE SUPPLIED WHEN EQUATING TO $NULL. (CIERR 210)
	CAUSE	FILE command does not allow any other parameters when the formal file designator is equated to $NULL file.
	ACTION	Reenter the command and do not supply any other parameters.
211	MESSAGE	THE DOMAIN OF A SYSTEM DEFINED FILE IS FIXED BY THE SYSTEM. PARAMETER IGNORED. (CIWARN 211)
	CAUSE	You have attempted to specify a domain (either OLD, NEW, or OLDTEMP) for a system-defined file; this is unnecessary since the domain of all system-defined files is set by the system.
	ACTION	No action is required; the system has simply ignored your domain parameter.

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212	MESSAGE	EXPECTED A FILE DOMAIN. (ONE OF OLD, NEW OR OLDTEMP). (CIERR 212)
	CAUSE	You have failed to specify the file domain (either OLD, NEW, or OLDTEMP); this is a required parameter.
	ACTION	Reenter the command; be sure to specify a file domain. For more information about this parameter, look up the command syntax by invoking the online Help Facility or referring to the *MPE/iX Commands Reference Manual, (32650-90003).*
213	MESSAGE	UNKNOWN FILE DOMAIN. EXPECTED OLD, NEW OR OLDTEMP. (CIERR 213)
	CAUSE	You entered something that the system tried to interpret as a file domain specification, which must be either OLD, NEW, or OLDTEMP.
	ACTION	Reenter your command, specifying OLD, NEW, or OLDTEMP as the file domain. For more information about this parameter, look up the command syntax by invoking the online Help Facility or referring to the *MPE/iX Commands Reference Manual, (32650-90003).*
214	MESSAGE	EXPECTED A SEMICOLON TO START THE PARAMETER LIST. (CIERR 214)
	CAUSE	You omitted a semicolon where the system expected one.
	ACTION	Check your syntax carefully; reenter the command with a semicolon in the appropriate location. To review the syntax of the command, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*

215	MESSAGE	EXTRANEOUS DELIMITER IGNORED. (CIWARN 215)
	CAUSE	You included an extra delimiter (such as a comma or semicolon) where none was called for.
	ACTION	No action is required; the system merely ignored the extra delimiter. You may wish to note the error for future reference.
216	MESSAGE	THE ! KEYWORD IS NOT APPROPRIATE IN THE CONTEXT OF A BUILD COMMAND. (CIERR 216)
	CAUSE	You have used a keyword that is not recognized by the BUILD command.
	ACTION	Check your syntax and reenter your command. To review the syntax of the command, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003)*.
217	MESSAGE	THE ! KEYWORD IS NOT APPROPRIATE IN THE CONTEXT OF A SYSTEM DEFINED FILE. (CIERR 217)
	CAUSE	You have used a keyword that cannot be used when specifying a system defined file.
	ACTION	Check the syntax for the command by invoking the online Help Facility or referring to the *MPE/iX Commands Reference Manual, (32650-90003)*, and reenter the command.

218	MESSAGE	THE ! KEYWORD IS NOT APPROPRIATE IN THE CONTEXT OF AN OLD FILE. (CIERR 218)
	CAUSE	You have used a keyword that cannot be used when specifying an "OLD" file.
	ACTION	Check the syntax for the command by invoking the online Help Facility or referring to the *MPE/iX Commands Reference Manual, (32650-90003)*, and reenter the command.
219	MESSAGE	THE ! KEYWORD IS NOT APPROPRIATE IN THE CONTEXT OF A NEW FILE. (CIERR 219)
	CAUSE	You have used a keyword that cannot be used when specifying a "NEW" file.
	ACTION	Check the syntax for the command by invoking the online Help Facility or referring to the *MPE/iX Commands Reference Manual, (32650-90003)*, and reenter the command.
220	MESSAGE	UNKNOWN KEYWORD FOR FILE COMMAND. (CIERR 220)
	CAUSE	You have used a keyword that the FILE command does not recognize.
	ACTION	Check your syntax and reenter the command. To review the syntax of the command, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*

221	MESSAGE	SPECIFICATION OF CCTL OVERRIDES PREVIOUS NOCCTL. (CIWARN 221)
	CAUSE	You have specified CCTL and the system is warning you that a previous specification of NOCCTL is being overridden.
	ACTION	No action is required, unless you change your mind and wish to respecify NOCCTL. The system is merely bringing this issue to your attention.
222	MESSAGE	SPECIFICATION OF NOCCTL OVERRIDES PREVIOUS CCTL. (CIWARN 222)
	CAUSE	You have specified NOCCTL and the system is warning you that your specification of CCTL earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify CCTL rather than NOCCTL, in which case you must reenter the command, omitting the NOCCTL specification.
223	MESSAGE	SPECIFICATION OF TEMP OVERRIDES PREVIOUS DEL. (CIWARN 223)
	CAUSE	You have specified TEMP and the system is warning you that your specification of DEL earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify DEL rather than TEMP, in which case you must reenter the command, omitting the TEMP specification.

224	MESSAGE	SPECIFICATION OF TEMP OVERRIDES PREVIOUS SAVE. (CIWARN 224)
	CAUSE	You have specified TEMP and the system is warning you that your specification of SAVE earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify SAVE rather than TEMP, in which case you must reenter the command, omitting the TEMP specification.
225	MESSAGE	SPECIFICATION OF SAVE OVERRIDES PREVIOUS DEL. (CIWARN 225)
	CAUSE	You have specified SAVE and the system is warning you that your specification of DEL earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify DEL rather than SAVE, in which case you must reenter the command, omitting the SAVE specification.
226	MESSAGE	SPECIFICATION OF SAVE OVERRIDES PREVIOUS TEMP. (CIWARN 226)
	CAUSE	You have specified SAVE and the system is warning you that your specification of TEMP earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify TEMP rather than SAVE, in which case you must reenter the command, omitting the SAVE specification.

227	MESSAGE	SPECIFICATION OF DEL OVERRIDES PREVIOUS TEMP. (CIWARN 227)
	CAUSE	You have specified DEL and the system is warning you that your specification of TEMP earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify TEMP rather than DEL, in which case you must reenter the command, omitting the DEL specification.
228	MESSAGE	SPECIFICATION OF DEL OVERRIDES PREVIOUS SAVE. (CIWARN 228)
	CAUSE	You have specified DEL and the system is warning you that your specification of SAVE earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify SAVE rather than DEL, in which case you must reenter the command, omitting the DEL specification.
229	MESSAGE	SPECIFICATION OF SHR ACCESS OVERRIDES PREVIOUS EXC. (CIWARN 229)
	CAUSE	You have specified SHR and the system is warning you that your specification of EXC earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify EXC rather than SHR, in which case you must reenter the command, omitting the SHR specification.

230	MESSAGE	SPECIFICATION OF SHR ACCESS OVERRIDES PREVIOUS EAR OR SEMI. (CIWARN 230)
	CAUSE	You have specified SHR and the system is warning you that your specification of EAR or SEMI earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify EAR or SEMI rather than SHR, in which case you must reenter the command, omitting the SHR specification.
231	MESSAGE	SPECIFICATION OF EAR ACCESS OVERRIDES PREVIOUS EXC. (CIWARN 231)
	CAUSE	You have specified EAR and the system is warning you that your specification of EXC earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify EXC rather than EAR, in which case you must reenter the command, omitting the EAR specification.
232	MESSAGE	SPECIFICATION OF EAR ACCESS OVERRIDES PREVIOUS SHR. (CIWARN 232)
	CAUSE	You have specified EAR and the system is warning you that your specification of SHR earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify SHR rather than EAR, in which case you must reenter the command, omitting the EAR specification.

233	MESSAGE	SPECIFICATION OF EXC ACCESS OVERRIDES PREVIOUS EAR OR SEMI. (CIWARN 233)
	CAUSE	You have specified EXC and the system is warning you that your specification of EAR or SEMI earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify EAR or SEMI rather than EXC, in which case you must reenter the command, omitting the EXC specification.
234	MESSAGE	SPECIFICATION OF EXC ACCESS OVERRIDES PREVIOUS SHR. (CIWARN 234)
	CAUSE	You have specified EXC and the system is warning you that your specification of SHR earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify SHR rather than EXC, in which case you must reenter the command, omitting the EXC specification.
235	MESSAGE	SPECIFICATION OF NOBUF OVERRIDES PREVIOUS BUF. (CIWARN 235)
	CAUSE	You have specified NOBUF and the system is warning you that your specification of BUF earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify BUF rather than NOBUF, in which case you must reenter the command, omitting the NOBUF specification.

236	MESSAGE	SPECIFICATION OF MR ACCESS OVERRIDES PREVIOUS NOMR. (CIWARN 236)
	CAUSE	You have specified MR and the system is warning you that your specification of NOMR earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify NOMR rather than MR, in which case you must reenter the command, omitting the MR specification.
237	MESSAGE	SPECIFICATION OF NOMR ACCESS OVERRIDES PREVIOUS MR. (CIWARN 237)
	CAUSE	You have specified NOMR and the system is warning you that your specification of MR earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify MR rather than NOMR, in which case you must reenter the command, omitting the NOMR specification.
238	MESSAGE	SPECIFICATION OF MULTI OVERRIDES PREVIOUS NOMULTI. (CIWARN 238)
	CAUSE	You have specified MULTI and the system is warning you that your specification of NOMULTI earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify NOMULTI rather than MULTI, in which case you must reenter the command, omitting the MULTI specification.

Computer Museum

239	MESSAGE	SPECIFICATION OF NOMULTI OVERRIDES PREVIOUS MULTI. (CIWARN 239)
	CAUSE	You have specified NOMULTI and the system is warning you that your specification of MULTI earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify MULTI rather than NOMULTI, in which case you must reenter the command, omitting the NOMULTI specification.
240	MESSAGE	SPECIFICATION OF WAIT OVERRIDES PREVIOUS NOWAIT. (CIWARN 240)
	CAUSE	You have specified WAIT and the system is warning you that your specification of NOWAIT earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify NOWAIT rather than WAIT, in which case you must reenter the command, omitting the WAIT specification.
241	MESSAGE	SPECIFICATION OF NOWAIT OVERRIDES PREVIOUS WAIT. (CIWARN 241)
	CAUSE	You have specified NOWAIT and the system is warning you that your specification of WAIT earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify WAIT rather than NOWAIT, in which case you must reenter the command, omitting the NOWAIT specification.

242	MESSAGE	THE KEYWORD ! HAS NO SUBPARAMETERS. (CIERR 242)
	CAUSE	You have entered what the system interprets to be subparameters after a keyword; that keyword has no subparameters.
	ACTION	To review the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003)*; then reenter the command.
243	MESSAGE	EXPECTED AN EQUALS SIGN (=), SEPARATING THE KEYWORD FROM ITS SUBPARAMETERS. (CIERR 243)
	CAUSE	You omitted required punctuation after the keyword. If you specified subparameters for the keyword, you should have used an equals sign (=).
	ACTION	To review the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003)*; then reenter the command.
244	MESSAGE	ACCESS SPECIFICATION OVERRIDES PREVIOUS ACCESS. (CIWARN 244)
	CAUSE	You have included more than one access specification in your command line; the system is warning you that it is using the last one named.
	ACTION	If you do not wish the system to use the last one named in your command line, reenter the command, omitting the redundancy.

245	MESSAGE	THE ACCESS TYPE IS A REQUIRED SUBPARAMETER OF THE ACCESS KEYWORD. (CIERR 245)
	CAUSE	You must specify the access type.
	ACTION	Reenter the command, specifying the access type as a subparameter of the ACCESS keyword. To review the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
246	MESSAGE	UNKNOWN ACCESS TYPE. EXPECTED ONE OF IN, OUT, UPDATE, OUTKEEP, APPEND, INOUT. (CIERR 246)
	CAUSE	The system does not recognize the type of access you have specified.
	ACTION	To review the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003)*; then reenter the command, specifying the appropriate access type.
247	MESSAGE	ACCESS SYNTAX IS ACCESS = access type. NO OTHER PARAMETERS ALLOWED. (CIERR 247)
	CAUSE	You have entered something that the system does not recognize.
	ACTION	To review the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003)*; then reenter the command, specifying the appropriate access type.

248	MESSAGE	BUF PARAMETER OVERRIDES PREVIOUS NOBUF. (CIWARN 248)
	CAUSE	You have specified BUF and the system is warning you that your specification of NOBUF earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify NOBUF rather than BUF, in which case you must reenter the command, omitting the BUF specification.
249	MESSAGE	BUF PARAMETER OVERRIDES PREVIOUS BUF PARAMETER. (CIWARN 249)
	CAUSE	You have included more than one BUF parameter in your command line; the system is warning you that it is using the last one named.
	ACTION	If you do not wish the system to use the last BUF parameter named in your command line, reenter the command, omitting the redundancy.
250	MESSAGE	EXPECTED INTEGER BETWEEN 0 AND 16 AS NUMBER OF BUFFERS. (CIERR 250)
	CAUSE	You failed to enter an acceptable number of buffers.
	ACTION	You must specify a positive number between 0 and 16 to indicate the number of buffers.
251	MESSAGE	EXTRANEOUS PARAMETER. THE SYNTAX IS BUF=number of buffers. (CIERR 251)
	CAUSE	You have entered something that the system does not recognize. The system expects you to specify the number of buffers using the syntax BUF=number
	ACTION	To review the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003)*; then reenter the command following the required syntax.

252	MESSAGE	FILE CODE OVERRIDES PREVIOUS FILE CODE. (CIWARN 252)
	CAUSE	You have included more than one file code in your command line; the system is warning you that it is using the last one named.
	ACTION	If you do not wish the system to use the last one named in your command line, reenter the command, omitting the redundancy.
253	MESSAGE	UNKNOWN FILE CODE TYPE. (CIERR 253)
	CAUSE	You have entered a file code type that the system does not recognize.
	ACTION	To review the command syntax, including what file code types are acceptable, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
254	MESSAGE	NUMERIC FILE CODE MUST BE A POSITIVE INTEGER. (CIERR 254)
	CAUSE	You have entered something other than a positive integer as a numeric file code; the system will not accept this data.
	ACTION	To review the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003)*; then reenter the command with the appropriate numeric file code.

255	MESSAGE	THE CODE= PARAMETER HAS ONLY ONE SUBPARAMETER. (CIWARN 255)
	CAUSE	You have entered what appear to be multiple subparameters for the CODE keyword; this is not allowed.
	ACTION	To review the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003)*; then reenter the command with the appropriate CODE parameter.
256	MESSAGE	DEVICE= PARAMETER OVERRIDES PREVIOUS DEVICE= PARAMETER. (CIWARN 256)
	CAUSE	You have included more than one device parameter in your command line; the system is warning you that it is using the last one named.
	ACTION	If you do not wish the system to use the last device parameter named in your command line, reenter the command, omitting the redundancy.
257	MESSAGE	THE USER MAY NOT REDEFINE THE DEVICE FOR $STDIN, $STDINX AND $STDLIST. (CIERR 257)
	CAUSE	You have attempted to specify a device parameter for a system defined file; this is not allowed.
	ACTION	No action is required.

258	MESSAGE	UNEXPECTED SPECIAL CHARACTER IN DEVICE NAME. (CIERR 258)
	CAUSE	You have entered something in the device name that the system does not recognize.
	ACTION	Check your command line for spelling errors. Review the command syntax, including what device names are allowed, by invoking the online Help Facility or referring to the *MPE/iX Commands Reference Manual, (32650-90003)*; then reenter the command, specifying an appropriate device name.
259	MESSAGE	DS CLASS NAME > 8 CHARACTERS LONG. (CIERR 259)
	CAUSE	You have entered a DS class name that is longer than the allowable eight characters.
	ACTION	Reenter the command, limiting the DS class name to eight or fewer characters.
260	MESSAGE	DEVICE NAME TOO LONG. 63 CHARACTERS IS THE MAXIMUM. (CIERR 260)
	CAUSE	You have entered a device name that is longer than the allowable 63 characters.
	ACTION	Reenter the command, limiting the device name to 63 or fewer characters.
261	MESSAGE	OUTPUT PRIORITY AND/OR NUMBER OF COPIES MAY BE SPECIFIED ONLY FOR OUTPUT DEVICEFILES. (CIERR 261)
	CAUSE	You have attempted to specify an output priority and/or a number of copies for something other than an output device file; this is not allowed.
	ACTION	To review the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003)*; then reenter the command with the appropriate parameters specified.

262	MESSAGE	OUTPUT PRIORITY MUST BE AN INTEGER BETWEEN 1 AND 13. (CIERR 262)
	CAUSE	You have entered something that the system cannot accept as an output priority.
	ACTION	You must specify a positive number between 1 and 13 to indicate the output priority. To review the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003)*; then reenter the command with the appropriate output priority specified.
263	MESSAGE	NUMBER OF COPIES MUST BE AN INTEGER BETWEEN 1 AND 127. (CIERR 263)
	CAUSE	You have entered something that the system cannot accept as a specification of the number of copies.
	ACTION	You must specify a positive number between 1 and 127 to indicate the number of copies. To review the command syntax, invoke the online Help facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003)*; then reenter the command with the appropriate number of copies specified.
264	MESSAGE	UNEXPECTED DELIMITER FOUND. DEVICE PARAMETER SYNTAX IS DEV=[device][,[output priority][,[number of copies]]] (CIERR 264)
	CAUSE	You have entered something that the system does not recognize.
	ACTION	Check for syntax or spelling errors and reenter the command. For more information about the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*

265	MESSAGE	DISK PARAMETER OVERRIDES PREVIOUS DISK PARAMETER. (CIWARN 265)
	CAUSE	You have included more than one disk parameter in your command line; the system is warning you that it is using the last one named.
	ACTION	If you do not wish the system to use the last disk parameter named in your command line, reenter the command, omitting the redundancy.
266	MESSAGE	NUMBER OF RECORDS MUST BE BETWEEN 1 AND 2147483647. (CIERR 266)
	CAUSE	You have specified a number that is outside the acceptable range of 1 to 2147483647.
	ACTION	Reenter the command, being sure to keep the number of records between 1 and 2147483647.
267	MESSAGE	NUMBER OF EXTENTS MUST BE AN INTEGER BETWEEN 1 AND 32. (CIERR 267)
	CAUSE	You have entered something that the system cannot accept as a specification of the number of extents. You must specify an integer between 1 and 32.
	ACTION	Reenter the command, specifying an acceptable number of extents. To review the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
268	MESSAGE	NUMBER OF INITIALLY ALLOCATED EXTENTS MUST BE AN INTEGER BETWEEN 1 AND !. (CIERR 268)

269	MESSAGE	UNEXPECTED DELIMITER. SYNTAX OF DISK PARAMETER IS DISC=[# of logical records][,[# of extents][,[# extents allocated]]] (CIERR 269)
	CAUSE	You have entered something that the system does not recognize.
	ACTION	Check for syntax or spelling errors and reenter the command. For more information about the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
270	MESSAGE	REC PARAMETER OVERRIDES PREVIOUS REC PARAMETER. (CIWARN 270)
	CAUSE	You have included more than one REC parameter in your command line; the system is warning you that it is using the last one named.
	ACTION	If you do not wish the system to use the last one named in your command line, reenter the command, omitting the redundancy.
271	MESSAGE	INVALID RECSIZE VALUE, EXPECT NON-ZERO INTEGER. (CIERR 271)
	CAUSE	You have specified a record size value of zero; this is not allowed.
	ACTION	Reenter the command, specifying an appropriate integer for the record size. To review the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*

272	MESSAGE	BLOCKING FACTOR MUST BE INTEGER BETWEEN 1 AND 255. (CIERR 272)
	CAUSE	You have entered something that the system does not recognize as a blocking factor. Your blocking factor must be an integer between 1 and 255.
	ACTION	Reenter the command, specifying an appropriate blocking factor. To review the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
273	MESSAGE	EXPECTED RECORD FORMAT OF F, V OR U. (CIERR 273)
	CAUSE	You have entered an unacceptable record format. The record format must be F, V, or U.
	ACTION	Reenter the command, specifying an acceptable record format.
274	MESSAGE	EXPECTED "ASCII" OR "BINARY". (CIERR 274)
	CAUSE	You have entered something that the system does not recognize, where either ASCII or BINARY was expected.
	ACTION	Review the command syntax by invoking the online Help Facility or referring to the *MPE/iX Commands Reference Manual, (32650-90003)*; then reenter the command with the correct specifications.

275	MESSAGE	UNEXPECTED DELIMITER. SYNTAX OF REC= PARAMETER IS REC=[record size][,[blocking factor][,[F/V/U][,[ASCII/BINARY]]]] (CIERR 275)
	CAUSE	You have entered something that the system does not recognize as a value for the REC parameter.
	ACTION	Check for syntax or spelling errors and reenter the command. For more information about the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
276	MESSAGE	FILE COMMAND TABLE FULL, UNABLE TO ENTER FILE COMMAND. (CIERR 276)
277	MESSAGE	EXPECTED ";" OR CARRIAGE RETURN. "," WOULD IMPLY ILLEGAL ATTEMPT TO SPECIFY FILE DOMAIN. (CIERR 277)
	CAUSE	You entered a comma where the system expected either a semicolon or a carriage return. The comma suggests that you tried to specify a file domain, which is not allowed in this instance.
	ACTION	Check for syntax or spelling errors and reenter the command. For more information about the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*

278	MESSAGE	EXPECTED ";" OR CARRIAGE RETURN. "=" WOULD IMPLY ILLEGAL ATTEMPT TO SPECIFY AN ACTUAL FILE DESIGNATOR. (CIERR 278)
	CAUSE	You entered an equal sign where the system expected either a semicolon or a carriage return. The equals sign suggests that you tried to specify an actual file designator, which is not allowed in this instance.
	ACTION	Check for syntax or spelling errors and reenter the command. For more information about the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
279	MESSAGE	BUILD OF FILE ! FAILED. (CIERR 279)
	CAUSE	The specified file was not built as requested.
	ACTION	Look for accompanying error messages. If none, check for syntax or spelling errors and reenter the command. For more information about the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
280	MESSAGE	EXPECTED AN INTEGER BETWEEN 0 AND 12 AS THE MONTH. (CIERR 280)
	CAUSE	You have entered something that the system does not recognize as a specification of the month. You must enter an integer from 0 to 12.
	ACTION	To review the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003)*; then reenter the command with the correct month specification.

281	MESSAGE	EXPECTED A "/" BETWEEN THE MONTH AND THE DAY. (CIERR 281)
	CAUSE	You have not followed the correct syntax for entering the date.
	ACTION	Check for syntax or spelling errors and reenter the command. For more information about the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003)*.
282	MESSAGE	EXPECTED A DAY NUMBER BETWEEN 1 AND !. (CIERR 282)
	CAUSE	You have entered a "day" number that the system will not accept.
	ACTION	Check for syntax or spelling errors and reenter the command. For more information about the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003)*.
283	MESSAGE	IF MONTH IS 0, DAY MUST BE 0. (CIERR 283)
	CAUSE	You have specified the month as zero; therefore, the system expects the day and year to be zero as well.
	ACTION	To review the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003)*; then reenter the command with the day specified correctly.

284	MESSAGE	EXPECTED A "/" BETWEEN THE DAY AND THE YEAR. (CIERR 284)
	CAUSE	You have not followed the correct syntax for entering the date.
	ACTION	Check for syntax or spelling errors and reenter the command. For more information about the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
285	MESSAGE	IF MONTH AND DAY ARE 0, YEAR MUST BE 0. (CIERR 285)
	CAUSE	You have specified the month and day as zero; therefore, the system expects the year to be zero as well.
	ACTION	To review the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003)*; then reenter the command with the year specified correctly.
286	MESSAGE	EXTRANEOUS PARAMETER TO EXPIRATION DATE. (CIERR 286)
	CAUSE	You have entered something that the system does not recognize as part of the expiration date.
	ACTION	Check for syntax or spelling errors and reenter the command. For more information about the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*

287	MESSAGE	LABEL= REDUNDANTLY SPECIFIED. LAST LABEL USED. (CIERR 287)
	CAUSE	You have included more than one label specification in your command line; the system is warning you that it is using the last one named.
	ACTION	If you do not wish the system to use the last one named in your command line, reenter the command, omitting the redundancy.
288	MESSAGE	VOLUME ID LENGTH LIMITED TO 6 CHARACTERS. (CIERR 288)
	CAUSE	You have specified a volume ID that is longer than six characters; this is not allowed.
	ACTION	Reenter your command, specifying a volume ID of six or fewer characters.
289	MESSAGE	EMBEDDED SPECIAL CHARACTERS NOT ALLOWED IN VOLUME ID. (CIERR 289
	CAUSE	You have entered something that the system does not recognize in your volume ID specification.
	ACTION	Check for syntax or spelling errors and reenter the command. For more information about the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
290	MESSAGE	VOLUME TYPE MUST BE "ANS" OR "IBM". (CIERR 290)
	CAUSE	You have specified an unacceptable volume type; the type must be either ANS or IBM.
	ACTION	Reenter the command, specifying an appropriate volume type. To review the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*

291	MESSAGE	EXPECTED "NEXT", "ADDF" OR A FOUR DIGIT NUMBER AS THE SEQUENCE FIELD. (CIERR 291)
	CAUSE	You have entered something that the system does not recognize as an acceptable sequence specification. The system expected NEXT, ADDF, or a number.
	ACTION	Reenter the command, specifying an appropriate sequence. To review the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
292	MESSAGE	EXTRANEOUS PARAMETER TO THE LABEL KEYWORD. (CIERR 292)
	CAUSE	You have entered something that the system does not recognize in the LABEL parameter.
	ACTION	Check for syntax or spelling errors and reenter the command. For more information about the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
293	MESSAGE	FORMS MESSAGE REDUNDANTLY SPECIFIED. LAST MESSAGE USED. (CIERR 293)
	CAUSE	You have included more than one forms message in your command line; the system is warning you that it is using the last one named.
	ACTION	If you do not wish the system to use the last one named in your command line, reenter the command, omitting the redundancy.

294	MESSAGE	FORMS MESSAGE MUST BE TERMINATED WITH A PERIOD. (CIERR 294)
	CAUSE	You have left off a closing period in your forms message.
	ACTION	Reenter the command, adding a period at the end of the forms message.
295	MESSAGE	FORMS MESSAGE TRUNCATED TO 49 CHARACTERS. (CIWARN 295)
	CAUSE	Your forms message was longer than the 49 characters allowed; the system has deleted all characters after the 49th.
	ACTION	If you do not want those characters deleted, reenter the command with a shorter message specified. To review the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
296	MESSAGE	NOLABEL OVERRIDES PREVIOUS LABEL. (CIWARN 296)
	CAUSE	You have specified NOLABEL and the system is warning you that your specification of LABEL earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify LABEL rather than NOLABEL, in which case you must reenter the command, omitting the NOLABEL specification.

297	MESSAGE	NOLOCK OVERRIDES PREVIOUS LOCK. (CIWARN 297)
	CAUSE	You have specified NOLOCK and the system is warning you that your specification of LOCK earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify LOCK rather than NOLOCK, in which case you must reenter the command, omitting the NOLOCK specification.
298	MESSAGE	LOCK OVERRIDES PREVIOUS NOLOCK. (CIWARN 298)
	CAUSE	You have specified LOCK and the system is warning you that your specification of NOLOCK earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify NOLOCK rather than LOCK, in which case you must reenter the command, omitting the LOCK specification.
299	MESSAGE	UNKNOWN KEYWORD FOR BUILD COMMAND. (CIERR 299)
	CAUSE	You have entered something that the system does not recognize.
	ACTION	Check for syntax or spelling errors and reenter the command. For more information about the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*

300	MESSAGE	THE ONLY SYSTEM DEFINED FILE FOR WHICH BUILD WORKS IS $NEWPASS. (CIERR 300)
	CAUSE	You have specified a system defined file that the BUILD command cannot work with; BUILD can only work for the system defined file $NEWPASS.
	ACTION	To review the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
301	MESSAGE	INVALID DEVICE CLASS OR NUMBER. (CIERR 301)
	CAUSE	You have entered something that the system does not recognize as a device class/number.
	ACTION	Check for syntax or spelling errors and reenter the command. For more information about the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
302	MESSAGE	SPECIFICATION OF "RIO" OVERRIDES PREVIOUS "NORIO". (CIWARN 302)
	CAUSE	You have specified RIO and the system is warning you that your specification of NORIO earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify NORIO rather than RIO, in which case you must reenter the command, omitting the RIO specification.

303	MESSAGE	SPECIFICATION OF "NORIO" OVERRIDES PREVIOUS "RIO". (CIWARN 303)
	CAUSE	You have specified NORIO and the system is warning you that your specification of RIO earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify RIO rather than NORIO, in which case you must reenter the command, omitting the NORIO specification.
304	MESSAGE	BACKREFERENCE WOULD RESULT IN CIRCULAR DEFINITION. (CIERR 304)
	CAUSE	You have defined two or more file equations that point to each other.
	ACTION	Examine the file equations you have set looking for a sequence that starts with a file equation name and eventually points to that same file name.
305	MESSAGE	ENVIRONMENT FILE CANNOT BE THIS SYSTEM DEFINED FILE. (CIERR 305)
	CAUSE	You have specified a system-defined file as an environment file; this is not allowed.
	ACTION	Reenter the command, specifying a legitimate environment file. To review the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*

306	MESSAGE	"ENV" PARAMETER OVERRIDES PREVIOUS "ENV" PARAMETER. (CIWARN 306)
	CAUSE	You have included more than one ENV parameter in your command line; the system is warning you that it is using the last one named.
	ACTION	If you do not wish the system to use the last one named in your command line, reenter the command, omitting the redundancy.
307	MESSAGE	"ENV" HAS NO SUBPARAMETERS, EXPECTED FILENAME. (CIERR 307)
	CAUSE	You have entered something that is not an acceptable subparameter to the ENV parameter. ENV expects only the name of an environment file.
	ACTION	Reenter the command, specifying a legitimate environment file name. To review the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
308	MESSAGE	"OUTQ" PARAMETER OVERRIDES PREVIOUS "OUTQ" PARAMETER (CIERR 308)
	CAUSE	You have included more than one OUTQ parameter in your command line; the system is warning you that it is using the last one named.
	ACTION	If you do not wish the system to use the last one named in your command line, reenter the command, omitting the redundancy.

309	MESSAGE	"OUTQ" NAME MUST BE ALPHANUMERIC. (CIERR 309)
	CAUSE	You have specified nonnumeric characters in the OUTQ parameter; this is not allowed.
	ACTION	Check for syntax or spelling errors and reenter the command. For more information about the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
310	MESSAGE	"OUTQ" NAME CANNOT EXCEED 8 CHARACTERS. (CIERR 310)
	CAUSE	You have specified an OUTQ name that is longer than eight characters; this is not allowed.
	ACTION	Reenter your command, specifying an OUTQ name of eight or fewer characters.
311	MESSAGE	"OUTQ" NAME MUST BEGIN WITH AN ALPHABETIC CHARACTER (CIERR 311)
	CAUSE	You have used a nonalphabetic character as the first character of the OUTQ name; this is not allowed.
	ACTION	Check for syntax or spelling errors and reenter the command. For more information about the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
312	MESSAGE	"OUTQ" HAS NO SUBPARAMETERS, EXPECTED ONE OF OUTQNAME (CIERR 312)

313	MESSAGE	SPECIFICATION OF SEMI OVERRIDES PREVIOUS SHR. (CIWARN 313)
	CAUSE	You have specified SEMI and the system is warning you that your specification of SHR earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify SHR rather than SEMI, in which case you must reenter the command, omitting the SEMI specification.
314	MESSAGE	SPECIFICATION OF SEMI OVERRIDES PREVIOUS EXC. (CIWARN 314)
	CAUSE	You have specified SEMI and the system is warning you that your specification of EXC earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify EXC rather than SEMI, in which case you must reenter the command, omitting the SEMI specification.
315	MESSAGE	SPECIFICATION OF COPY OVERRIDES PREVIOUS NOCOPY. (CIWARN 315)
	CAUSE	You have specified COPY and the system is warning you that your specification of NOCOPY earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify NOCOPY rather than COPY, in which case you must reenter the command, omitting the COPY specification.

316	MESSAGE	SPECIFICATION OF NOCOPY OVERRIDES PREVIOUS COPY. (CIWARN 316)
	CAUSE	You have specified NOCOPY and the system is warning you that your specification of COPY earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify COPY rather than NOCOPY, in which case you must reenter the command, omitting the NOCOPY specification.
317	MESSAGE	SPECIFICATION OF GMULTI OVERRIDES PREVIOUS NOMULTI. (CIWARN 317)
	CAUSE	You have specified GMULTI and the system is warning you that your specification of NOMULTI earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify NOMULTI rather than GMULTI, in which case you must reenter the command, omitting the GMULTI specification.
318	MESSAGE	SPECIFICATION OF GMULTI OVERRIDES PREVIOUS MULTI. (CIWARN 318)
	CAUSE	You have specified GMULTI and the system is warning you that your specification of MULTI earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify MULTI rather than GMULTI, in which case you must reenter the command, omitting the GMULTI specification.

319	MESSAGE	SPECIFICATION OF MULTI OVERRIDES PREVIOUS GMULTI. (CIWARN 319)
	CAUSE	You have specified MULTI and the system is warning you that your specification of GMULTI earlier in the command line is being overridden.
	ACTION	No action is required, unless you did not really want to override GMULTI.
320	MESSAGE	SPECIFICATION OF NOMULTI OVERRIDES PREVIOUS GMULTI. (CIWARN 320)
	CAUSE	You have specified NOMULTI and the system is warning you that your specification of GMULTI earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify GMULTI rather than NOMULTI, in which case you must reenter the command, omitting the NOMULTI specification.
321	MESSAGE	SPECIFICATION OF STD OVERRIDES PREVIOUS RIO. (CIWARN 321)
	CAUSE	You have specified STD and the system is warning you that your specification of RIO earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify RIO rather than STD, in which case you must reenter the command, omitting the STD specification.

322	MESSAGE	SPECIFICATION OF STD OVERRIDES PREVIOUS MSG. (CIWARN 322)
	CAUSE	You have specified STD and the system is warning you that your specification of MSG earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify MSG rather than STD, in which case you must reenter the command, omitting the STD specification.
323	MESSAGE	SPECIFICATION OF STD OVERRIDES PREVIOUS CIR. (CIWARN 323)
	CAUSE	You have specified STD and the system is warning you that your specification of CIR earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify CIR rather than STD, in which case you must reenter the command, omitting the STD specification.
324	MESSAGE	SPECIFICATION OF RIO OVERRIDES PREVIOUS STD. (CIWARN 324)
	CAUSE	You have specified RIO and the system is warning you that your specification of STD earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify STD rather than RIO, in which case you must reenter the command, omitting the RIO specification.

325	MESSAGE	SPECIFICATION OF RIO OVERRIDES PREVIOUS MSG. (CIWARN 325)
	CAUSE	You have specified RIO and the system is warning you that your specification of MSG earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify MSG rather than RIO, in which case you must reenter the command, omitting the RIO specification.
326	MESSAGE	SPECIFICATION OF RIO OVERRIDES PREVIOUS CIR. (CIWARN 326)
	CAUSE	You have specified RIO and the system is warning you that your specification of CIR earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify CIR rather than RIO, in which case you must reenter the command, omitting the RIO specification.
327	MESSAGE	SPECIFICATION OF MSG OVERRIDES PREVIOUS STD. (CIWARN 327)
	CAUSE	You have specified MSG and the system is warning you that your specification of STD earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify STD rather than MSG, in which case you must reenter the command, omitting the MSG specification.

328	MESSAGE	SPECIFICATION OF MSG OVERRIDES PREVIOUS RIO. (CIWARN 328)
	CAUSE	You have specified MSG and the system is warning you that your specification of RIO earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify RIO rather than MSG, in which case you must reenter the command, omitting the MSG specification.
329	MESSAGE	SPECIFICATION OF MSG OVERRIDES PREVIOUS CIR. (CIWARN 329)
	CAUSE	You have specified MSG and the system is warning you that your specification of CIR earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify CIR rather than MSG, in which case you must reenter the command, omitting the MSG specification.
330	MESSAGE	SPECIFICATION OF CIR OVERRIDES PREVIOUS STD. (CIWARN 330)
	CAUSE	You have specified CIR and the system is warning you that your specification of STD earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify STD rather than CIR, in which case you must reenter the command, omitting the CIR specification.

331	MESSAGE	SPECIFICATION OF CIR OVERRIDES PREVIOUS RIO. (CIWARN 331)
	CAUSE	You have specified CIR and the system is warning you that your specification of RIO earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify RIO rather than CIR, in which case you must reenter the command, omitting the CIR specification.
332	MESSAGE	SPECIFICATION OF CIR OVERRIDES PREVIOUS MSG. (CIWARN 332)
	CAUSE	You have specified CIR and the system is warning you that your specification of MSG earlier in the command line is being overridden.
	ACTION	No action is required, unless you actually want to specify MSG rather than CIR, in which case you must reenter the command, omitting the CIR specification.
333	MESSAGE	"ENV" BACKREFERENCE IN FILE EQUATION INCORRECT. (CIERR 333)
	CAUSE	You have made an error in backreferencing (*filename) the ENV parameter in your file equation.
	ACTION	Check for syntax or spelling errors and reenter the command. To review the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*

334	MESSAGE	"DEN" PARAMETER OVERRIDES PREVIOUS "DEN" PARAMETER. (CIWARN 334)
	CAUSE	You have included more than one DEN parameter in your command line; the system is warning you that it is using the last one named.
	ACTION	If you do not wish the system to use the last one named in your command line, reenter the command, omitting the redundancy.
335	MESSAGE	"DEN" HAS ONLY ONE PARAMETER, THE DENSITY. (CIERR 335)
	CAUSE	You have entered something that the system does not recognize in your DEN parameter. You can only specify one value, the density, in this parameter.
	ACTION	Check for syntax or spelling errors and reenter the command. For more information about the command syntax, invoke the online Help facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
336	MESSAGE	DENSITY MUST BE 800, 1600 OR 6250. (CIERR 336)
	CAUSE	You have entered an unacceptable value for the density parameter. Only 800, 1600, or 6250 is allowed.
	ACTION	Check for syntax or spelling errors and reenter the command. For more information about the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*

337	MESSAGE	EXPECTED BALANCING QUOTE TO TERMINATE STRING. (CIERR 337)
	CAUSE	You opened your string with a quotation mark (' or ") but failed to close the string with one.
	ACTION	Reenter the command; remember to use an opening and a closing quote around the character string.
338	MESSAGE	VOLID CONTAINS NONPRINTABLE CHARACTER. (CIERR 338)
	CAUSE	You have entered something that the system does not recognize in the VOLID parameter. You may have pressed a special key, such as the ESCape key, by accident.
	ACTION	Reenter the command; take care not to press any special keys.
339	MESSAGE	COMMA OR SEMICOLON NOT ALLOWED IN VOLID. (CIERR 339)
	CAUSE	You have put a comma or semicolon in the VOLID parameter; this is not allowed.
	ACTION	Check for syntax or spelling errors and reenter the command. For more information about the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
340	MESSAGE	VOLID CONTAINS EXTRANEOUS INFORMATION. (CIERR 340)
	CAUSE	You have entered something that the system does not recognize in the VOLID parameter.
	ACTION	Check for syntax or spelling errors and reenter the command. For more information about the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*

342	MESSAGE	FILE EQUATION DOES NOT ALLOW VIRTUAL DEVICES. (CIERR 342)
	CAUSE	You have specified a virtual device in your file equation; this is not allowed.
	ACTION	Check for syntax or spelling errors and reenter the command. For more information about the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
343	MESSAGE	INVALID DEVICE CLASS. (CIERR 343)
	CAUSE	You have entered a device class that the system will not accept.
	ACTION	Check for syntax or spelling errors and reenter the command. For more information about the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
344	MESSAGE	UNKNOWN DEVICE CLASS. (CIERR 344)
	CAUSE	You have entered something that the system does not recognize as a device class.
	ACTION	Check for syntax or spelling errors and reenter the command. For more information about the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*
345	MESSAGE	UNKNOWN LOGICAL DEVICE. (CIERR 345)
	CAUSE	You have entered something that the system does not recognize as a logical device.
	ACTION	Check for syntax or spelling errors and reenter the command. For more information about the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*

350	MESSAGE	LOCKWORD SUPPLIED BY USER DIFFERENT FROM FILE. (CIERR 350)
	CAUSE	You have specified an incorrect lockword.
	ACTION	Check for syntax or spelling errors and reenter the command. If you get the same message, check with the creator of the file or the system manager to verify the lockword.
351	MESSAGE	ACTION DISALLOWED SINCE NOT CREATOR OF FILE. (CIERR 351)
	CAUSE	You must be the creator of the file in order to use the ALTSEC command to change security restrictions.
	ACTION	Information only.
353	MESSAGE	DISC I/O ERROR RELATED TO FILE ERROR ACCESS. (CIERR 353)
	CAUSE	An error was encountered by the input/output device when trying to get the file label.
	ACTION	Re-issue command. If error message occurs again, contact your system manager.
354	MESSAGE	SECURE EXPECTED ONLY THE FILE NAME. (CIERR 354)
	CAUSE	You entered more data than the SECURE command can deal with; it expects only a file name.
	ACTION	Check for syntax or spelling errors and reenter the command. For more information about the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*

355	MESSAGE	SECURE REQUIRES ONE PARAMETER, A FILE NAME. (CIERR 355)
	CAUSE	You failed to specify a file name after the command name.
	ACTION	Reenter the command, specifying a file name.
356	MESSAGE	UNABLE TO ACCESS FILE !. (CIERR 356)
	CAUSE	You have named a file that the system cannot access for you. There are a number of possible reasons why access is being denied.
	ACTION	You can use the LISTF command to examine the security restrictions on files; to review the LISTF command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).* If you are denied access information about that file, contact the "owner" of the file to arrange for access, or discuss the situation with your system manager.
360	MESSAGE	EXPECTED EITHER FILE DESIGNATOR OR "@". (CIERR 360)
361	MESSAGE	EXPECTED EITHER LINE DESIGNATOR OR "@". (CIERR 361)
362	MESSAGE	FILE COMMAND NOT FOUND. (CIWARN 362)
370	MESSAGE	MAXIMUM OF 3 PARAMETERS. (CIERR 370)

371	MESSAGE	EXPECTED "TEMP". (CIERR 371)
	CAUSE	This command expects to receive TEMP as a parameter; evidently, you did not specify TEMP after a delimiter.
	ACTION	Reenter the command and supply TEMP.
372	MESSAGE	OPEN FAILED ON FILE !, NOT RENAMED. (CIERR 372)
	CAUSE	You did not meet the security requirements imposed on this file.
	ACTION	Check the capabilities assigned to your logon user, and security measures imposed on the file. Consult with your account manager or system manager.
373	MESSAGE	RENAME FAILED DUE TO FILE SYSTEM ERROR, NOT RENAMED.(CIERR 373)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, consult with your system manager or support representatuive.
374	MESSAGE	CLOSE OF RENAMED FILE FAILED. (CIERR 374)
375	MESSAGE	EXPECTED OLD NAME OF FILE HERE. (CIERR 375)
376	MESSAGE	EXPECTED NEW NAME FOR FILE AS SECOND PARAMETER. (CIERR 376)
	CAUSE	You did not supply a new name for the file you are trying to rename.
	ACTION	Reenter the command and supply a file name. Consult with online Help Facility and the *MPE/iX Commands Reference Manual, (32650-90003)* for more information.

380	MESSAGE	PURGE HANDLES ONLY ONE FILE AT A TIME. (CIERR 380)
	CAUSE	You supplied more than two parameters to the PURGE command.
	ACTION	Check for extraneous delimiters that you may have typed and reenter the command. Consult with online Help Facility and the *MPE/iX Commands Reference Manual, (32650-90003)* for more information.
381	MESSAGE	REQUIRES FILE NAME TO BE PURGED. (CIERR 381)
	CAUSE	You did not supply a file name to the PURGE command.
	ACTION	Reenter the command and supply a file name. Consult with online Help Facility and the *MPE/iX Commands Reference Manual, (32650-90003)* for more information.
382	MESSAGE	EXPECTED "TEMP". (CIERR 382)
	CAUSE	This command expects to receive TEMP as a parameter; evidently, you did not specify TEMP after a delimiter.
	ACTION	Reenter the command and supply TEMP.
383	MESSAGE	FILE ! NOT FOUND, NO PURGE DONE. (CIWARN 383)
	CAUSE	The specified file was not found in the group and account.
	ACTION	Check for syntax or spelling errors and try reentering the command. For more information about locating files in groups/accounts other than your logon group/account, read about the LISTF command in the online Help facility or *MPE/iX Commands Reference Manual, (32650-90003)*, or read about files in the *General User's Reference Manual.*

384	MESSAGE	UNABLE TO PURGE FILE !. (CIERR 384)
	CAUSE	The file you specified is either being used, or you do not have the appropriate capabilities to purge it.
	ACTION	Check the output of LISTF command to see if the file is being used. If not, check to see if you currently have the appropriate capabilities to purge the file. Consult with your account manager or system manager.
385	MESSAGE	UNABLE TO PURGE FILE !. (CIERR 385)
386	MESSAGE	WARNING: EXPECTED COMMA, FOUND SEMICOLON. (CIWARN 386)
	CAUSE	You specified a semicolon ";" in place of a comma ",". The system corrected the problem and executed your request.
	ACTION	No action is required.
390	MESSAGE	SAVE HANDLES ONLY ONE FILE AT A TIME. (CIERR 390)
	CAUSE	You supplied more than two parameters to the SAVE command.
	ACTION	Check for extraneous delimiters that you may have typed and reenter the command. Consult with online Help Facility and the *MPE/iX Commands Reference Manual, (32650-90003)* for more information.
391	MESSAGE	REQUIRES NAME OF FILE TO BE SAVED. (CIERR 391)
	CAUSE	You did not supply a file name to the SAVE command to which the temporary file should be saved.
	ACTION	Reenter the command and supply a file name. Consult with online Help Facility and the *MPE/iX Commands Reference Manual, (32650-90003)* for more information.

Computer Museum

392	MESSAGE	EXPECTED "$OLDPASS". (CIERR 392)
393	MESSAGE	UNABLE TO ACCESS $OLDPASS AS FILE !. (CIERR 393)
	CAUSE	Evidently, the $OLDPASS file does not exist.
	ACTION	Check the output of LISTFTEMP to verify whether $OLDPASS exists or not. If it doe not, recompile your program and then save $OLDPASS. Consult with online Help Facility or the *MPE/iX Commands Reference Manual, (32650-90003)* for more information.
394	MESSAGE	UNABLE TO SAVE $OLDPASS PERMANENTLY AS FILE !, SAVED IT TEMPORARY INSTEAD. (CIERR 394)
	CAUSE	Evidently, the file name you supplied as the second parameter to SAVE command already exists.
	ACTION	Look for accompanying error messages. Reenter the command, supply the new name assigned to $OLDPASS, and specify a file name that does not exist as the second parameter to SAVE.
395	MESSAGE	UNABLE TO ACCESS TEMPORARY FILE !. (CIERR 395)
	CAUSE	You specified a temporary file that does not exist.
	ACTION	Check the output of LISTFTEMP for file existence, syntax or spelling errors and reenter the command. For more information about the command syntax, invoke the online Help Facility or refer to the *MPE/iX Commands Reference Manual, (32650-90003).*

396	MESSAGE	UNABLE TO CLOSE FILE ! AS A PERMANENT FILE, LEFT IT AS A TEMPORARY FILE. (CIERR 396)
	CAUSE	A permanent file exists with the same name as the temporary file you are trying to save.
	ACTION	Choose a different permanent name and reenter the command.
397	MESSAGE	WARNING: SAVE EXPECTED COMMA, FOUND SEMICOLON. (CIWARN 397)
	CAUSE	You specified a semicolon ";" in place of a comma "," Your request was not granted and the temporary file was not saved.
	ACTION	Reenter the command and supply a comma instead of a semicolon.
398	MESSAGE	UNABLE TO SAVE $OLDPASS AS SPECIFIED FILE, SAVED AS ! (CIERR 398)
	CAUSE	Evidently, the file name you supplied as the second parameter to SAVE command already exists.
	ACTION	Look for accompanying error messages. Reenter the command, supply the new name assigned to $OLDPASS, and specify a file name that does not exist as the second parameter to SAVE.
400	MESSAGE	RELEASE EXPECTED ONLY THE FILE NAME. (CIERR 400)
	CAUSE	You supplied more parameters than required.
	ACTION	Reenter the command and supply only the file name.

401	MESSAGE	RELEASE REQUIRES ONE PARAMETER, A FILE NAME. (CIERR 401)
	CAUSE	You did not supply the name of the file to be released.
	ACTION	Reenter the command and supply a file name.
410	MESSAGE	ALTSEC REQUIRES AT LEAST A FILE NAME. (CIERR 410)
	CAUSE	You did not specify a file name. You must provide at least a file name in order to change any security restrictions.
	ACTION	Provide a file name.
411	MESSAGE	EXTRANEOUS PARAMETER TO ALTSEC. (CIERR 411)
	CAUSE	The ALTSEC command does not recognize one of the parameters that you specified on the command line.
	ACTION	Check the *MPE/iX Commands Reference Manual, (32650-90003)* for the valid ALTSEC command parameters.
420	MESSAGE	LEVEL OF LISTF MUST BE -3,-1,0,1,2,3,4,6. (CIWARN 420)
	CAUSE	Evidently, you specified a level number that is not one of those listed. The system provided you with the same listing produced by level two.
	ACTION	No action is required, unless you did not obtain the desired information from the default LISTF display.
422	MESSAGE	LISTF ,-1 OR -3 REQUIRES SM CAPABILITY. (CIERR 422)
	CAUSE	Evidently, you do not have system manager (SM) capability which is required to obtain the information displayed by these levels.
	ACTION	Consult with your system manager.

423	MESSAGE	LISTF ,-1 OR -3 REQUIRES AM CAPABILITY. (CIERR 423)
	CAUSE	Evidently, you do not have Account Manager (AM) capability which is required to obtain the information displayed by these levels.
	ACTION	Consult with your system manager.
424	MESSAGE	EXPECTED ";", FOLLOWED BY LIST FILE NAME. (CIERR 424)
	CAUSE	You did not supply a semicolon followed by a file name.
	ACTION	Consult with online Help Facility and the *MPE/iX Commands Reference Manual, (32650-90003)* for correct syntax of LISTF and reenter the command.
425	MESSAGE	FILE SYSTEM ERROR ! ENCOUNTERED ON LIST FILE. (CIERR 425)
	CAUSE	The file system code detected an error and notified the command interpreter.
	ACTION	Look for accompanying error message, and reenter the command.
426	MESSAGE	UNIDENTIFIABLE FILESET NAME. (CIERR 426)
427	MESSAGE	ONLY 3 PARAMETERS TO LISTF. (CIERR 427)
	CAUSE	Evidently, you supplied more parameters than expected by LISTF.
	ACTION	Consult with online Help Facility and the *MPE/iX Commands Reference Manual, (32650-90003)* for correct syntax of LISTF and reenter the command.

428	MESSAGE	I/O ERROR ON DISK WHILE GETTING FILE LABEL INFORMATION. (CIERR 428)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, consult with your system manager or support representatuive.
429	MESSAGE	GROUP'S HOME VOLUME SET (!) NOT MOUNTED AND/OR GROUP NOT BOUND TO HOME VOLUME SET. CANNOT DISPLAY GROUP'S FILES. (CIWARN 429)
430	MESSAGE	LISTF STOPPED (CIERR 430)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, consult with your system manager or support representatuive.
431	MESSAGE	NO FILES FOUND IN FILE-SET (CIWARN 431)
	CAUSE	There are no files that match that pattern.
	ACTION	No action is required, unless you are certain that some files exist that match that pattern. Check for misspellings and whether the wildcard character(s) are in the appropriate position, and reenter the command.
432	MESSAGE	NO GROUPS FOUND IN GROUP-SET (CIWARN 432)
	CAUSE	There are no groups that match that pattern.
	ACTION	No action is required, unless you are certain that some groups exist that match that pattern. Check for misspellings and whether the wildcard character(s) are in the appropriate position, and reenter the command.

433	MESSAGE	NO ACCOUNTS FOUND IN ACCOUNT-SET (CIWARN 433)
	CAUSE	There are no accounts that match that pattern.
	ACTION	No action is required, unless you are certain that some accounts exist that match that pattern. Check for misspellings and whether the wildcard character(s) are in the appropriate position, and reenter the command.
434	MESSAGE	NO USERS FOUND IN USER-SET (CIWARN 434)
	CAUSE	There are no user names that match that pattern.
	ACTION	No action is required, unless you are certain that some user names exist that match that pattern. Check for misspellings and whether the wildcard character(s) are in the appropriate position, and reenter the command.
435	MESSAGE	NO VOLUME SET DEFINITIONS FOUND IN VSD-SET (CIWARN 435)
	CAUSE	There are no Volume Set Definition (VSD) names that match that pattern.
	ACTION	No action is required, unless you are certain that some VSD names exist that match that pattern. Check for misspellings and whether the wildcard character(s) are in the appropriate position, and reenter the command.
500	MESSAGE	EXPECTED A "(" FOLLOWING THE SECURITY SPECIFICATIONS. (CIERR 500)
	CAUSE	The left parenthesis was not included at the beginning of the security specifications.
	ACTION	Include the left parenthesis on the command line.

501	MESSAGE	EXPECTED A ")" FOLLOWING THE SECURITY SPECIFICATIONS. (CIERR 501)
	CAUSE	The right parenthesis was not included at the end of the security specifications.
	ACTION	Include the right parenthesis on the command line.
502	MESSAGE	EXPECTED ONE OF R,A,W,L, or X FILE ACCESS MODES. (CIERR 502)
	CAUSE	You did not include a valid file access mode (Read, Append, Write, Lock, or Execute) on the command line.
	ACTION	Specify a valid file access mode.
503	MESSAGE	EXPECTED ONE OF R,A,W,L, or X GROUP FILE ACCESS MODES. (CIERR 503)
	CAUSE	You did not include a valid group file access mode (Read, Append, Write, Lock, or Execute) on the command line.
	ACTION	Specify a valid group file access mode.
504	MESSAGE	EXPECTED ONE OF R,A,W,L, or X ACCOUNT FILE ACCESS MODES. (CIERR 504)
	CAUSE	You did not include a valid account file access mode (Read, Append, Write, Lock, or Execute) on the command line.
	ACTION	Specify a valid account file access mode.
505	MESSAGE	IGNORED. SAVE ACCESS HAS NO MEANING AT FILE LEVEL. (CIERR 505)
	CAUSE	You cannot specify SAVE access at the file level.
	ACTION	This message is informational only.

506	MESSAGE	IGNORED. SAVE ACCESS NOT ALLOWED AT ACCOUNT LEVEL. (CIERR 506)
	CAUSE	You cannot specify SAVE access at the account level.
	ACTION	This message is informational only.
507	MESSAGE	EXPECTED ":" SEPARATING MODE LIST FROM USER LIST. (CIERR 507)
	CAUSE	You did not include a colon (:) between the mode list and the user list.
	ACTION	Include a colon (:) on the command line.
508	MESSAGE	EXPECTED ONE OF ANY AC, AL, GU, GL, OR CR USER TYPES. (CIERR 508)
	CAUSE	You did not include an acceptable user type. Acceptable user types are any, account user (AC), account librarian (AL), group user (GU), group librarian (GL), or creator (CR).
	ACTION	Specify an acceptable user type.
509	MESSAGE	EXPECTED ONE OF ANY, AC, AL, GU, or GL USER TYPES. (CIERR 509)
	CAUSE	You did not include an acceptable user type. Acceptable user types for this command are any, account user (AC), account librarian (AL), group user (GU), or group librarian (GL).
	ACTION	Specify an acceptable user type.
510	MESSAGE	EXPECTED EITHER "ANY" or "AC" USER TYPE. (CIERR 510)
	CAUSE	You did not include an acceptable user type for this command. Acceptable user types are any, or account user (AC).
	ACTION	Specify an acceptable user type.

511	MESSAGE	USER TYPE CR NOT ALLOWED AT GROUP LEVEL. (CIERR 511)
	CAUSE	The creator (CR) user type is not allowed at the group level.
	ACTION	This message is informational only.
512	MESSAGE	THIS USER TYPE NOT ALLOWED AT ACCOUNT LEVEL. (CIERR 512)
	CAUSE	You specified a user type that is not allowed at the account level.
	ACTION	This message is informational only.
513	MESSAGE	READ ACCESS FOR THIS USER TYPE REDUNDANTLY SPECIFIED. (CIERR 513)
	CAUSE	You specified read access more than once on the same command line.
	ACTION	This message is informational only.
514	MESSAGE	APPEND ACCESS FOR THIS USER TYPE REDUNDANTLY SPECIFIED. (CIERR 514)
	CAUSE	You specified append access more than once on the same command line.
	ACTION	This message is informational only.
515	MESSAGE	WRITE ACCESS FOR THIS USER TYPE REDUNDANTLY SPECIFIED. (CIERR 515)
	CAUSE	You specified write access more than once on the same command line.
	ACTION	This message is informational only.
516	MESSAGE	LOCK ACCESS FOR THIS USER TYPE REDUNDANTLY SPECIFIED. (CIERR 516)
	CAUSE	You specified lock access more than once on the same command line.
	ACTION	This message is informational only.

517	MESSAGE	EXECUTE ACCESS FOR THIS USER TYPE REDUNDANTLY SPECIFIED. (CIERR 517)
	CAUSE	You specified execute access more than once on the same command line.
	ACTION	This message is informational only.
518	MESSAGE	SAVE ACCESS FOR THIS USER TYPE REDUNDANTLY SPECIFIED. (CIERR 518)
	CAUSE	You specified save access more than once on the same command line.
	ACTION	This message is informational only.
519	MESSAGE	THIS ACCESS MODE REDUNDANTLY SPECIFIED ON THIS ACCESS LIST. (CIERR 519)
	CAUSE	One of the access modes that you specified was repeated in the access list.
	ACTION	This message is informational only.
520	MESSAGE	FILE ERROR ON TERMINAL TYPE FILE. CONFIGURED TERMINAL TYPE USED. (CIWARN 520)
521	MESSAGE	FILE SPECIFIED IS NOT A TERMINAL TYPE FILE. CONFIGURED TERMINAL TYPE USED. (CIWARN 521)
522	MESSAGE	CHECKSUM ERROR IN TERMINAL TYPE FILE. CONFIGURED TYPE USED. (CIWARN 522)
523	MESSAGE	TERMINAL TYPE FILES NOT SUPPORTED ON THIS PORT. CONFIGURED TERMINAL TYPE USED. (CIWARN 523)
524	MESSAGE	TERMINAL TYPE FILE MAY NOT RESIDE ON PRIVATE VOLUME. CONFIGURED TERMINAL TYPE USED. (CIWARN 524)

530	MESSAGE	FIRST CHARACTER IN FILE NAME NOT ALPHABETIC. (CIERR 530)
	CAUSE	You specified something other than an alphabetic character at the beginning of the file name. All file names must begin with a letter (A-Z, a-z), and must be no more than 8 characters in length. You probably mistyped the file name.
	ACTION	Retype the command.
531	MESSAGE	FILE NAME MISSING. (CIERR 531)
	CAUSE	You did not include a file name on the command line.
	ACTION	Specify a file name on the command line.
532	MESSAGE	FILE NAME IS MORE THAN EIGHT CHARACTERS LONG. (CIERR 532)
	CAUSE	The file name that you specified is greater than eight characters, and file names can only be eight characters or less in length. You probably mistyped the file name.
	ACTION	Retype the command.
534	MESSAGE	FILE NAME CONTAINS EMBEDDED NON-ALPHANUMERIC CHARACTERS. (CIERR 534)
	CAUSE	File names can contain both alphabetic and numeric characters. One of the characters in your file name is neither alphabetic nor numeric. You probably mistyped the file name.
	ACTION	Retype the command.

535	MESSAGE	MISSING DELIMITER AFTER FILE NAME. (CIERR 535)
	CAUSE	You did not include a delimiter after the file name.
	ACTION	Include a delimiter (semi-colon, comma, period, or space), after the file name. See the *MPE/iX Commands Reference Manual, (32650-90003)* for the correct syntax.
536	MESSAGE	GENERIC FILE NAME IS NOT PERMITTED IN THIS COMMAND. (CIERR 536)
	CAUSE	A wild card character, was used in place of the file name.
	ACTION	Re-enter the command and supply a completely alphanumeric file name.
540	MESSAGE	FIRST CHARACTER IN GROUP NAME NOT ALPHABETIC. (CIERR 540)
	CAUSE	The group name specified does not start with an alphabetic character. You probably mistyped the group name.
	ACTION	Retype the command.
541	MESSAGE	GROUP NAME MISSING. (CIERR 541)
	CAUSE	You did not specify a group name on the command line.
	ACTION	Specify a group name on the command line.
542	MESSAGE	GROUP NAME IS MORE THAN EIGHT CHARACTERS LONG. (CIERR 542)
	CAUSE	Your group name is greater than eight characters, and group names can only be eight characters or fewer in length. You probably mistyped the group name.
	ACTION	Retype the command.

543	MESSAGE	EXPECTED GROUP NAME; "@" NOT PERMITTED. (CIERR 543)
	CAUSE	"@" was specified instead of an alphanumeric name for the group.
	ACTION	Re-enter the command and supply an alphanumeric name for the group.
544	MESSAGE	EMBEDDED NON-ALPHANUMERIC CHARACTER IN GROUP NAME. (CIERR 544)
	CAUSE	A control or unprintable character was typed as part of the group name.
	ACTION	Re-enter the command. Make sure that you do not type in an escape code or control characters.
545	MESSAGE	MISSING DELIMITER AFTER GROUP NAME. (CIERR 545)
	CAUSE	The command interpreter expected a delimiter after the group name but did not find it.
	ACTION	Re-enter the command and supply a delimiter after the group name.
546	MESSAGE	GENERIC GROUP NAME IS NOT PERMITTED IN THIS COMMAND. (CIERR 546)
	CAUSE	This command does not allow pattern matching characters in the group name.
	ACTION	Re-enter the command and supply a completely alphanumeric group name.
547	MESSAGE	NO HOME GROUP FOR USER. (CIERR 547)
	CAUSE	User does not have a home group as a default group to log on to.
	ACTION	Re-enter the command and specify a group name. As a long term solution you may consider assigning a home group to the user. See the ALTUSER command.

550	MESSAGE	FIRST CHARACTER IN ACCOUNT NAME NOT ALPHABETIC. (CIERR 550)
	CAUSE	Account name specified does not start with an alphabetic character.
	ACTION	Re-enter the command and supply a valid account name.
551	MESSAGE	ACCOUNT NAME MISSING. (CIERR 551)
	CAUSE	Account name was not specified as part of the command line.
	ACTION	Re-enter the command and supply an account name.
552	MESSAGE	ACCOUNT NAME IS MORE THAN EIGHT CHARACTERS LONG. (CIERR 552)
	CAUSE	The name specified for the account is more than 8 characters long.
	ACTION	Re-enter the command and supply an account name that is up to 8 characters long.
553	MESSAGE	EXPECTED ACCOUNT NAME; "@" NOT PERMITTED. (CIERR 553)
	CAUSE	"@" was specified instead of an alphanumeric name for the account.
	ACTION	Re-enter the command and supply a completely alphanumeric name for the account.
554	MESSAGE	EMBEDDED NON-ALPHANUMERIC CHARACTER IN ACCOUNT NAME. (CIERR 554)
	CAUSE	A control or unprintable character was typed as part of the account name.
	ACTION	Re-enter the command. Make sure that you do not type in an escape code or control characters.

555	MESSAGE	MISSING DELIMITER AFTER ACCOUNT NAME. (CIERR 555)
	CAUSE	The command interpreter expected a delimiter after the account name but did not find it.
	ACTION	Re-enter the command and supply a delimiter after the account name.
556	MESSAGE	GENERIC ACCOUNT NAME IS NOT PERMITTED IN THIS COMMAND. (CIERR 556)
	CAUSE	This command does not allow pattern matching characters in the account name.
	ACTION	Re-enter the command and supply a completely alphanumeric account name.
560	MESSAGE	FIRST CHARACTER IN LOCK WORD NOT ALPHABETIC. (CIERR 560)
	CAUSE	You specified a lockword that does not start with an alphabetic character.
	ACTION	Re-enter the command and supply a valid lockword.
561	MESSAGE	LOCKWORD EXPECTED, NOT FOUND. (CIERR 561)
	CAUSE	You forgot to specify the lockword after the slash.
	ACTION	Re-enter the command and supply the lockword.
562	MESSAGE	LOCKWORD > 8 CHARACTERS LONG. (CIERR 562)
	CAUSE	The name specified for the lockword is more than 8 characters long.
	ACTION	Re-enter the command and supply a lockword that is up to 8 characters long.

563	MESSAGE	EXPECTED LOCKWORD; "@" NOT PERMITTED. (CIERR 563)
	CAUSE	"@" was specified instead of an alphanumeric lockword.
	ACTION	Re-enter the command and supply a completely alphanumeric lockword.
564	MESSAGE	EMBEDDED NON-ALPHANUMERIC CHARACTER IN LOCKWORD. (CIERR 564)
	CAUSE	A control or unprintable character was typed as part of the lockword.
	ACTION	Re-enter the command. Make sure that you do not type in any control characters.
565	MESSAGE	MISSING DELIMITER AFTER LOCKWORD. (CIERR 565)
	CAUSE	The command interpreter expected a delimiter after the lockword but did not find it.
	ACTION	Re-enter the command and supply a delimiter after the lockword.
566	MESSAGE	GENERIC LOCKWORD IS NOT PERMITTED. (CIERR 566)
	CAUSE	A wild card character was used in place of the lockword.
	ACTION	Re-enter the command and supply a completely alphanumeric lockword.
569	MESSAGE	LOCKWORD NOT PERMITTED FOR FILENAME OF "@". (CIERR 569)

570	MESSAGE	FIRST CHARACTER IN VSD NAME NOT ALPHABETIC. (CIERR 570)
	CAUSE	Volume Set Definition (VSD) name specified does not start with an alphabetic character.
	ACTION	Re-enter the command and supply a valid VSD name.
571	MESSAGE	VSD NAME MISSING. (CIERR 571)
	CAUSE	Volume Set Definition (VSD) name was not specified as part of the command line.
	ACTION	Re-enter the command and supply a VSD name.
572	MESSAGE	VSD NAME > 8 CHARACTERS LONG. (CIERR 572)
	CAUSE	The name specified for the Volume Set Definition (VSD) is more than 8 characters long.
	ACTION	Re-enter the command and supply a VSD name that is up to 8 characters long.
573	MESSAGE	EXPECTED VSD NAME; "@" NOT PERMITTED. (CIERR 573)
	CAUSE	"@" was specified instead of an alphanumeric Volume Set Defintion (VSD) name.
	ACTION	Re-enter the command and supply a completely alphanumeric VSD name.
574	MESSAGE	EMBEDDED NON-ALPHANUMERIC CHARACTER IN VSD NAME. (CIERR 574)
	CAUSE	A control or unprintable character was typed as part of the Volume Set Definition (VSD) name.
	ACTION	Re-enter the command. Make sure that you do not type in any control characters.

575	MESSAGE	MISSING DELIMITER AFTER VSD NAME. (CIERR 575)
	CAUSE	The command interpreter expected a delimiter after the Volume Set Definition (VSD) name but did not find it.
	ACTION	Re-enter the command and supply a delimiter after the VSD name.
576	MESSAGE	GENERIC VSD NAME IS NOT PERMITTED IN THIS COMMAND. (CIERR 576)
	CAUSE	A wild card character, was used in place of the Volume Set Definition (VSD) name.
	ACTION	Re-enter the command and supply a completely alphanumeric VSD name.
579	MESSAGE	VSD MAY NOT HAVE A LOCKWORD. (CIERR 579)
	CAUSE	A lockword was specified for the Volume Set Definition (VSD).
	ACTION	Re-enter the command without specifying a lockword on the VSD.
580	MESSAGE	UNKNOWN SYSTEM DEFINED FILE NAME. (CIERR 580)
	CAUSE	Only $STDIN, $STDINX, $STDLIST, $NULL, $NEWPASS, AND $OLDPASS are accepted as valid system defined files.
	ACTION	Re-enter the command and supply the appropriate system defined file name.
581	MESSAGE	UNEXPECTED CHARACTER IN FILE NAME; EXPECTED "." (CIERR 581)
	CAUSE	A "." was expected in order to construct a fully qualified file name.
	ACTION	Re-enter the command and supply a fully qualified file name.

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582	MESSAGE	UNEXPECTED CHARACTER IN FILE NAME; EXPECTED "." OR "/". % IS THE DELIMITER BETWEEN PARAMETERS CORRECT? (CIERR 582)
	CAUSE	The file name contains a character that is neither alphanumeric nor a period or a backslash.
	ACTION	Re-enter the command and use alphanumeric characters in the file name. If you are specifying a fully qualified file name use a period between file name, group and account names. If you are specifying a lockword use a backslash after the file name and before the ".group.account."
583	MESSAGE	UNEXPECTED, EXTRANEOUS SPECIAL CHARACTER. (CIERR 583)
	CAUSE	An unexpected character was foung in the directory name. Most likely the user omitted the leading "." or "/" (specifying an HFS name), or tried to create an MPE group directory, or tried to specify a directory lockword.
	ACTION	MPE directory names must follow MPE naming rules. HFS directory names are only accepted if the name begins with a "." or a "/".
586	MESSAGE	EXPECTED A DELIMITER OF SOME SORT. (CIERR 586)
590	MESSAGE	FIRST CHARACTER IN USER NAME NOT ALPHABETIC. (CIERR 590)
	CAUSE	The user name specified does not start with an alphabetic character.
	ACTION	Re-enter the command and supply a valid user name.

591	MESSAGE	USER NAME MISSING. (CIERR 591)
	CAUSE	You did not include a user name on the command line.
	ACTION	Specify a user name.
592	MESSAGE	USER NAME > 8 CHARACTERS LONG. (CIERR 592)
	CAUSE	The user name that you specified is greater than eight characters. User names can only be eight characters or fewer in length. You probably mistyped the user name.
	ACTION	Retype the command.
593	MESSAGE	EXPECTED USER NAME; "@" NOT PERMITTED. (CIERR 593)
	CAUSE	"@" was specified instead of an alphanumeric user name.
	ACTION	Re-enter the command and supply a completely alphanumeric user name.
594	MESSAGE	EMBEDDED NON-ALPHANUMERIC CHARACTER IN USER NAME. (CIERR 594)
	CAUSE	User names can be comprised of both alphabetic and numeric characters. One of the characters in the user name that you specified is neither alphabetic nor numeric. You probably mistyped the user name.
	ACTION	Retype the command.
595	MESSAGE	MISSING DELIMITER AFTER USER NAME. (CIERR 595)
	CAUSE	The command interpreter expected a delimiter after the user name but did not find it.
	ACTION	Re-enter the command and supply a delimiter after the user name.

596	MESSAGE	GENERIC USER NAME IS NOT PERMITTED IN THIS COMMAND. (CIERR 596)
	CAUSE	A wild card character, was used in place of the user name.
	ACTION	Re-enter the command and supply a completely alphanumeric user name.
600	MESSAGE	NO PROGRAM FILE SPECIFIED. (CIERR 600)
	CAUSE	The program file name was not supplied to the RUN command.
	ACTION	Re-enter the command and supply the name of an executable program file.
601	MESSAGE	NO USL FILE SPECIFIED. (CIERR 601)
	CAUSE	The command requires that name of a USL file be supplied.
	ACTION	Re-enter the command and supply name of a USL file.
602	MESSAGE	NEITHER PROGRAM FILE OR USL FILE SPECIFIED. (CIERR 602)
	CAUSE	The command requires that name of a USL file or program file be specified.
	ACTION	Re-enter the command and supply name of a USL file or program file.
603	MESSAGE	NO PROGRAM FILE SPECIFIED FOR PREP. (CIERR 603)
	CAUSE	The PREP command expected a file name as its second parameter.
	ACTION	Re-enter the command and supply a file name as the second parameter to PREP.

604	MESSAGE	EXPECTED SEMICOLON OR CARRIAGE RETURN, FOUND COMMA. (CIERR 604)
	CAUSE	A "," was specified where a ";" or carriage return should have been supplied.
	ACTION	Re-enter the command.
605	MESSAGE	EXPECTED SEMICOLON OR CARRIAGE RETURN, FOUND EQUAL SIGN. (CIERR 605)
	CAUSE	An "=" was specified where a ";" or carriage return should have been typed.
	ACTION	Re-enter the command.
606	MESSAGE	IGNORED EXTRANEOUS DELIMITER. (CIWARN 606)
	CAUSE	The command interpreter detected a delimiter that is neither required nor causes any problems if present.
	ACTION	The delimiter was ignored and command was executed.
607	MESSAGE	CONTEXT FOR THIS KEYWORD IS THE RUN COMMAND, NOT PREP. (CIERR 607)
	CAUSE	A keyword that is only valid with the RUN command was specified with the PREP command.
	ACTION	Determine the context of your operation and enter either the RUN command or the PREP command.
608	MESSAGE	CONTEXT FOR THIS KEYWORD IS THE PREP COMMAND, NOT RUN. (CIERR 608)
	CAUSE	A keyword that is only valid with the PREP command was specified with the RUN command.
	ACTION	Determine the context of your operation and enter either the RUN command or the PREP command.

609	MESSAGE	EXPECTED ONE OF ZERODB, PMAP, MAXDATA, STACK, DL, RL, CAP, % PATCH, NOSYM, FPMAP, NOFPMAP. (CIERR 609)
	CAUSE	A keyword other than the ones listed above was specified.
	ACTION	Re-enter the command and supply one of the keywords listed above.
610	MESSAGE	EXPECTED ONE OF NOPRIV, LMAP, LIB, NOCB, DL, STACK, MAXDATA, %DEBUG, PARM, INFO, STDIN, STDLIST, XL, UNSAT, PRI, NMSTACK, NMHEAP. (CIERR 610)
	CAUSE	A keyword other than the ones listed above was specified.
	ACTION	Re-enter the command and supply one of the keywords listed above.
611	MESSAGE	PREPRUN COMMAND: EXPECTED ONE OF NOPRIV, PMAP, DEBUG, LMAP, ZERODB, % MAXDATA, PARM, STACK, DL, LIB, CAP, RL, NOCB. (CIERR 611)
	CAUSE	A keyword other than the ones listed above was specified.
	ACTION	Re-enter the command and supply one of the keywords listed above.
612	MESSAGE	KEYWORD REQUIRES VALUE, DID NOT FIND EQUAL SIGN. (CIERR 612)
	CAUSE	A numeric value preceeded by an "=" was expected but "=" was not specified.
	ACTION	Re-enter the command and supply the keyword followed by "=" and followed by a numeric value.

613	MESSAGE	ONLY LEGAL LIBRARY NAMES ARE G,P,S. (CIERR 613)
	CAUSE	G, P, and S are the only valid library names that can be specified with the LIB= parameter of the RUN command.
	ACTION	Re-enter the command and supply the appropriate library name.
614	MESSAGE	MAXDATA VALUE MUST BE BETWEEN -1 AND 32767. (CIERR 614)
	CAUSE	A value less than -1 and greater that 32767 was specified.
	ACTION	Re-enter the command and supply a value that is within the specified range.
615	MESSAGE	PARM VALUE MUST BE BETWEEN -32768 AND 32767. (CIERR 615)
	CAUSE	A value less than -32768 and greater than 32767 was specified.
	ACTION	Re-enter the command and supply a value between the specified range.
616	MESSAGE	STACK SIZE VALUE MUST BE BETWEEN 511 AND 32767. (CIERR 616)
	CAUSE	A value less than 511 and greater than 32767 was specified.
	ACTION	Re-enter the command and supply a value between the specified range.
617	MESSAGE	DL SIZE VALUE MUST BE BETWEEN -1 AND 32767. (CIERR 617)
	CAUSE	A value less than -1 and greater than 32767 was specified.
	ACTION	Re-enter the command and supply a value between the specified range.

618	MESSAGE	REQUIRES ONE OF IA, BA, PH, DS, MR, PM CAPABILITIES. (CIERR 618)
	CAUSE	The command requires one of the above capabilities to be present in order to execute.
	ACTION	Check the user, group, and account capabilities. If a program was run check the program capabilities using the VERSION program.
619	MESSAGE	DID NOT RECOGNIZE CAPABILITY AS IA, BA, PH, DS, MR OR PM. (CIERR 619)
620	MESSAGE	DUPLICATE KEYWORD. SECOND VALUE TAKEN. (CIWARN 620)
	CAUSE	A keyword was specified twice and its later value overwrote its first value.
	ACTION	The second value specified overwrote the first one and the command was executed.
621	MESSAGE	PREP FAILED DUE TO SEGMENTER ERROR. (CIERR 621)
622	MESSAGE	PROGRAM FILE ! NOT FOUND. (CIERR 622)
	CAUSE	An attempt was made to execute program that does not exist.
	ACTION	Verify that the program exists or its name was entered correctly. Check the output of LISTF for correct spelling of the file name.

623	MESSAGE	DEFAULT MAXDATA AND/OR DLSIZE USED. (CIWARN 623)
	CAUSE	The value specified for MAXDATA or DL parameters of the RUN command was not correct. It was ignored and the default value used.
	ACTION	Re-enter the command and supply the correct value for these parameters. A default parameter value may not yield the correct results.
624	MESSAGE	UNABLE TO CREATE PROGRAM TO BE RUN. (CIERR 624)
625	MESSAGE	UNABLE TO LOAD PROGRAM TO BE RUN. (CIERR 625)
	CAUSE	The file specified is not a program file.
	ACTION	Re-enter the command and supply the name of a program file.
626	MESSAGE	INVALID PROGRAM FILE. (CIERR 626)
627	MESSAGE	ENTRY NAME MORE THAN 15 CHARACTERS LONG. (CIERR 627)
628	MESSAGE	PATCH VALUE MUST BE BETWEEN -1 AND 16380. (CIERR 628)
	CAUSE	The value specified for the patch is not within the bounds allowed.
	ACTION	Enter a patch value that is within the bounds specified.
629	MESSAGE	OUT OF SYSTEM RESOURCE(S). (CIERR 629)
630	MESSAGE	FILE IS NOT A VALID PROGRAM FILE. (CIERR 630)

631	MESSAGE	ENTRY POINT NOT FOUND IN PROGRAM FILE. (CIERR 631)
632	MESSAGE	DEFAULT STACKSIZE FROM PROGRAM FILE USED. (CIWARN 632)
	CAUSE	The stack size specified at run time is either too big or too small. Loader used the stack size specified at prep time. See PREP, PREPRUN and RUN commands.
	ACTION	No action is required, unless you do not wish to use the default value.
633	MESSAGE	DEFAULT DLSIZE FROM PROGRAM FILE USED. (CIWARN 633)
	CAUSE	The DL size specified at run time is either too big or too small. Loader used the DL size specified at prep time. See PREP, PREPRUN and RUN commands.
	ACTION	No action is required, unless you do not wish to use the default value.
634	MESSAGE	DEFAULT MAXDATA FROM PROGRAM FILE USED. (CIWARN 634)
	CAUSE	The maximum size of the stack specified at run time is either too big or too small. Loader used the size specified at prep time. See PREP, PREPRUN and RUN commands.
	ACTION	No action is required, unless you do not wish to use the default value.
635	MESSAGE	DLSIZE ROUNDED UP TO NEXT 128 WORD MULTIPLE. (CIWARN 635)
	CAUSE	The DL size specified is not a multiple of 128 words.
	ACTION	No action is required.
636	MESSAGE	CONFIGURATION MAXDATA USED. (CIWARN 636)

637	MESSAGE	MAXDATA ROUNDED UP TO REQUIRED STACK SPACE. (CIWARN 637)
	CAUSE	The MAXDATA value specified is too small. System overwrote the value in order to accomodate for table overflow conditions.
	ACTION	No action is required.
638	MESSAGE	STACK SPACE REQUIRED EXCEEDS CONFIGURATION MAXDATA. (CIERR 638)
	CAUSE	Program requires more stack area than allowed by the system.
	ACTION	Increase the available stack space on the system.
639	MESSAGE	CANNOT RUN THIS PROGRAM BECAUSE ALL OF ITS CODE IS NOT IN THE FIRST EXTENT OF THE PROGRAM FILE. (CIERR 639)
640	MESSAGE	ONLY ONE PARAMETER, THE LIST FILE, IS ALLOWED. (CIERR 640)
	CAUSE	This command accepts only one parameter and it is the name of a file to which the listing will be written.
	ACTION	Re-enter the command and supply the name of the list file only.
641	MESSAGE	! SUBSYSTEM NOT FOUND IN PUB.SYS. (CIERR 641)
	CAUSE	The specified subsystem does not exists in PUB.SYS.
	ACTION	Check to see whether the subsystem name was entered correctly, or it exists in a group and account other than PUB.SYS.

642	MESSAGE	ONLY ! PARAMETERS ALLOWED WITH THIS COMMAND. (CIERR 642)
	CAUSE	A parameter that is not acceptable by this command was detected in the command line.
	ACTION	Re-enter the command and supply parameter(s) that are accepted by this command.
643	MESSAGE	COMPILE STEP FAILED, NO PREP WAS DONE. (CIERR 643)
	CAUSE	Program could not be compiled due to a source level error. The language specific compile-prep command was halted.
	ACTION	Debug the program's source code and recompile the program.
644	MESSAGE	PREP STEP FAILED, NO RUN WAS DONE. (CIERR 644)
	CAUSE	Segmenter could not find all the pieces required to generate an executable image and run it.
	ACTION	Check to see if all external calls are satisfied.
645	MESSAGE	REQUIRED DUMP FILE NAME MISSING. (CIERR 645)
	CAUSE	Dump file name was not specified as part of the command line.
	ACTION	Re-enter the command and supply a dump file name.
646	MESSAGE	MUST BE A BACK REFERENCED FILE. (CIERR 646)
	CAUSE	The name specified is either not a formal file designator or it is misspelled.
	ACTION	Re-enter the command and supply a valid formal file designator.

647	MESSAGE	DS SUBSYSTEM NOT FOUND. (CIERR 647)
648	MESSAGE	UNABLE TO CREATE "BASIC" SUBSYSTEM. (CIERR 648)
649	MESSAGE	UNABLE TO LOAD "BASIC" SUBSYSTEM. (CIERR 649)
650	MESSAGE	UNABLE TO CREATE ! SUBSYSTEM. (CIERR 650)
651	MESSAGE	UNABLE TO LOAD ! SUBSYSTEM. (CIERR 651)
652	MESSAGE	UNABLE TO CREATE ! COMPILER SUBSYSTEM. (CIERR 652)
653	MESSAGE	UNABLE TO LOAD ! COMPILER SUBSYSTEM. (CIERR 653)
654	MESSAGE	UNABLE TO CREATE COMPILED PROGRAM AS PROCESS FOR "GO" STEP. (CIERR 654)
655	MESSAGE	UNABLE TO LOAD COMPILED PROGRAM FOR "GO" STEP. (CIERR 655)
656	MESSAGE	FILE COMMAND TABLE FULL, UNABLE TO DO IMPLICIT FILE COMMAND. (CIERR 656)
	CAUSE	Too many file equations are set.
	ACTION	Remove some of the file equations using the RESET command. Then, re-enter the command.
657	MESSAGE	TOO MANY BACK REFERENCES TO FILE !. (CIERR 657)

658	MESSAGE	ATTEMPT TO RUN SUBSYSTEM OTHER THAN APL WITH APL CHARACTER SET. (CIERR 658)
659	MESSAGE	TOO MANY PARAMETERS; EXPECTED JUST AN APL WORKSPACE NAME. (CIERR 659)
660	MESSAGE	UNABLE TO INITIATE ! SUBSYSTEM. (CIERR 660)
661	MESSAGE	CURRENT 'INFO' PARAMETER OVERRIDES PREVIOUS 'INFO'. (CIWARN 661)
	CAUSE	The 'INFO' parameter was specified more than once. The system used the latest specification of that parameter as the valid one.
	ACTION	Re-enter the command and supply the correct information through that parameter.
662	MESSAGE	UNKNOWN KEYWORD, EXPECTED 'INFO' OR 'WKSP'. (CIERR 662)
	CAUSE	The command accepts only INFO and WKSP as valid keywords.
	ACTION	Re-enter the command and supply the appropriate keyword.
663	MESSAGE	THE WKSP PARAMETER MAY NOT BE SPECIFIED MORE THAN ONCE. (CIERR 663)
664	MESSAGE	NO TAPE OR CTAPE DEVICE, UNABLE TO ISSUE IMPLICIT FILE COMMAND. PLEASE RE-CONFIGURE OR USE EXPLICIT FILE EQUATION. (CIERR 664)
665	MESSAGE	UNABLE TO CREATE HP BUSINESS BASIC SUBSYSTEM. (CIERR 665)

666	MESSAGE	UNABLE TO LOAD HP BUSINESS BASIC SUBSYSTEM. (CIERR 666)
667	MESSAGE	HP BUSINESS BASIC REQUIRED PARAMETER MISSING. (CIERR 667)
	CAUSE	A parameter required by HP BUSINESS BASIC was not specified as part of the command line.
	ACTION	Re-enter the command and supply the required parameter.
679	MESSAGE	PRIORITY REQUESTED EXCEEDS MAXIMUM USER PRIORITY. MAXIMUM USER PRIORITY USED. (CIWARN 679)
680	MESSAGE	STDIN MUST BE FILENAME OR *BACKREFERENCE OR $NULL. (CIERR 680)
681	MESSAGE	STDLIST MUST BE FILENAME OR FILENAME,NEW OR *BACKREFERENCE OR $NULL. (CIERR 681)
682	MESSAGE	EXPECTED ' OR " TO START STRING. (CIERR 682)
	CAUSE	' or " were not used to start a string.
	ACTION	Re-enter the command and start the string with ' or ". Remember to terminate the string with a matching delimiter.
683	MESSAGE	EXPECTED BALANCING ' OR " TO TERMINATE STRING. (CIERR 683)
	CAUSE	The strings are ended with a matching ' or ". If the string was started using ', it should be ended with '. If the string was started using ", is should be terminated with ".
	ACTION	Re-enter the command and use matching pairs of delimiters.

684	MESSAGE	COULDN'T OPEN SPECIFIED $STDIN FOR PROGRAM. (CIERR 684)
	CAUSE	The file specified as STDIN does not exist.
	ACTION	Verify that the file exists or its name was entered correctly. Then re-enter the command.
685	MESSAGE	COULDN'T OPEN SPECIFIED $STDLIST FOR PROGRAM. (CIERR 685)
	CAUSE	The file specified as STDLIST does not exist.
	ACTION	Verify that the file exists or its name was entered correctly. Then re-enter the command.
686	MESSAGE	CREATEPROCESS ERROR !. (CIERR 686)
687	MESSAGE	EXPECTED SEMICOLON OR CARRIAGE RETURN. (CIERR 687)
	CAUSE	An ASCII code other than semicolon or carriage return was specified.
	ACTION	Re-enter the command.
688	MESSAGE	INFO STRING MUST NOT EXCEED 255 CHARACTERS INCLUDING DELIMITING QUOTES. (CIERR 688)
	CAUSE	The info string contains more than 255 characters.
	ACTION	Escape codes and control characters are valid characters. Re-enter the command and make sure that the total number of visible, invisible, and delimiting quotes is not more than 255 characters.

689	MESSAGE	THE ONLY SYSTEM DEFINED FILE ALLOWED IS $OLDPASS (CIERR 689)
	CAUSE	A system defined file other than $OLDPASS was specified.
	ACTION	Re-enter the command and specify $OLDPASS as the system defined file name.
690	MESSAGE	USER SPECIFIED NEITHER IA NOR BA; ! IMPOSED. (CIWARN 690)
	ACTION	Verify that the assigned capabilities are appropriate. Re-enter the command if they are not.
691	MESSAGE	USER MAY NOT SPECIFY BOTH FPMAP AND NOFPMAP IN PREP (CIERR 691)
	CAUSE	Both FPMAP and NOFPMAP were specified.
	ACTION	These parameters have exactly opposite meanings. Re-enter the command and specify the appropriate parameter.
692	MESSAGE	UNKNOWN MODE VALUE - EXPECTED EMULATE, FASTEM, OR TRANS. (CIERR 692)
693	MESSAGE	A MODE VALUE (EMULATE, FASTEM, OR TRANS) MUST BE SUPPLIED. (CIERR 693)
694	MESSAGE	THE LIBLIST VALUE CANNOT EXCEED 130 CHARACTERS. (CIERR 694)

695	MESSAGE	THE UNSAT PROCEDURE NAME CANNOT EXCEED 31 CHARACTERS. (CIERR 695)
	CAUSE	The procedure name supplied with the UNSAT parameter of the LINK or RUN commands.
	ACTION	Re-enter the command and supply a procedure name that is up to 31 characters long.
696	MESSAGE	ALL LINEAR PRI VALUES REQUIRE PM CAPABILITY. (CIERR 696)
697	MESSAGE	INVALID PRI VALUE - EXPECTED BS,CS,DS,ES OR A NUMBER IN THE RANGE OF 100 THROUGH 255. (CIERR 697)
	CAUSE	The priority specified is not valid.
	ACTION	If you entered a number, it should be within the range specified. If not, verify that the priority specified was entered correctly.
698	MESSAGE	INVALID NMHEAP VALUE - EXPECTED AN INTEGER VALUE. (CIERR 698)
	CAUSE	The value supplied is not an integer value.
	ACTION	Verify that the value specified is composed of digits only. Re-enter the command and supply an integer value.
699	MESSAGE	INVALID NMSTACK VALUE - EXPECTED AN INTEGER VALUE. (CIERR 699)
	CAUSE	The value supplied is not an integer value.
	ACTION	Verify that the value specified is composed of digits only. Re-enter the command and supply an integer value.

700	MESSAGE	EXPECTED JUST "@", IMPLYING ALL ACCOUNTS. (CIERR 700)
	CAUSE	The commands expected the pattern matching character "@" only.
	ACTION	Re-enter the command and supply only "@".
701	MESSAGE	EXPECTED "CPU" OR "CONNECT". (CIERR 701)
	CAUSE	A parameter name other than CPU and CONNECT was specified.
	ACTION	Re-enter the command and specify either of these parameters.
702	MESSAGE	RESETACCT HAS ONLY 2 PARAMETERS. (CIERR 702)
	CAUSE	More than two parameters were passed to the command.
	ACTION	Re-enter the command and supply a maximum of two parameters.
705	MESSAGE	REPORT ON ENTIRE ACCOUNT REQUIRES ACCOUNT MANAGER CAPABILITY. (CIERR 705)
	CAUSE	The user does not have Account Manager (AM) capability which is required to execute this command.
	ACTION	Consult with your system manager.
706	MESSAGE	REPORT ON GROUP OTHER THAN LOGON REQUIRES ACCOUNT MANAGER CAPABILITY. (CIERR 706)
	CAUSE	The user does not have Account Manager (AM) capability which is required to execute this command.
	ACTION	Consult with your system manager.

707	MESSAGE	REPORT ON ALL ACCOUNTS REQUIRES SYSTEM MANAGER CAPABILITY. (CIERR 707)
	CAUSE	The user does not have system manager (SM) capability which is required to execute this command.
	ACTION	Consult with your system manager.
708	MESSAGE	REPORT ON ACCOUNT OTHER THAN LOGON REQUIRES SYSTEM MANAGER CAPABILITY. (CIERR 708)
	CAUSE	The user does not have system manager (SM) capability which is required to execute this command.
	ACTION	Consult with your system manager.
709	MESSAGE	EXPECTED A LIST FILE NAME. (CIERR 709)
	CAUSE	Evidently, you did not supply file name to which the output of the command would be sent.
	ACTION	Re-enter the command and supply a file name.
710	MESSAGE	REPORT HAS ONLY TWO PARAMETERS. (CIERR 710)
	CAUSE	More than two parameters were supplied to the command.
	ACTION	Re-enter the command and supply at most two parameters.
711	MESSAGE	EXTRANEOUS CHARACTERS IN GROUP NAME. (CIERR 711)
	CAUSE	Group names must be constructed using alphanumeric characters. Evidently, there are non-alphanumeric characters in the group name.
	ACTION	Re-enter the command and supply a completely alphanumeric group name.

715	MESSAGE	EXPECTED JUST THE GROUP NAME. (CIERR 715)
	CAUSE	More than just a group name was supplied to the system.
	ACTION	Re-enter the command and supply only a group name.
716	MESSAGE	EXPECTED JUST THE ACCOUNT NAME. (CIERR 716)
	CAUSE	More than just an account name was supplied to the system.
	ACTION	Re-enter the command and supply only an account name.
717	MESSAGE	EXPECTED JUST THE USER NAME. (CIERR 717)
	CAUSE	More than just a user name was supplied to the system.
	ACTION	Re-enter the command and supply only a user name.
718	MESSAGE	EXPECTED JUST THE VSET NAME. (CIERR 718)
	CAUSE	More than just a Volume Set Definition (VSET) name was supplied to the system.
	ACTION	Re-enter the command and supply only a VSET name.
719	MESSAGE	THE ONLY PARAMETERS RECOGNIZED ARE: [ACCOUNT OR GROUP], [LISTFILE], [PASS], [ONVS], [HOMEVS]. (CIERR 719)
	CAUSE	You supplied a parameter that is not recognized.
	ACTION	Re-enter the command and supply the appropriate parameter(s).

720	MESSAGE	THE "PASS" OPTION REQUIRES AM OR SM CAPABILITIES. (CIWARN 720)
	CAUSE	The logon user does not have the appropriate capability to view the password.
	ACTION	No action is required.
721	MESSAGE	EXECUTING THIS COMMAND ON ALL USERS REQUIRES AM CAPABILITY. (CIERR 721)
	CAUSE	Account Manager (AM) capability is required to execute this command; evidently your logon does not have this capability.
	ACTION	If you need this information log on with a user name that has AM capability and re-enter the command. If you are not assigned a user name with AM capability, consult with your account manager.
722	MESSAGE	EXECUTING THIS COMMAND ON ANY USER OTHER THAN THE LOGON USER REQUIRES AM CAPABILITY. (CIERR 722)
	CAUSE	Account Manager (AM) capability is required to execute this command; evidently your logon does not have this capability.
	ACTION	If you need this information log on with a user name that has AM capability and re-enter the command. If you are not assigned a user name with AM capability, consult with your account manager.
723	MESSAGE	UNIDENTIFIABLE NAME. (CIERR 723)

724	MESSAGE	EXECUTING THIS COMMAND ON ALL ACCOUNTS REQUIRES SYSTEM MANAGER CAPABILITY. (CIERR 724)
	CAUSE	System manager (SM) capability is required to execute this command; evidently your logon does not have this capability.
	ACTION	If you need this information, logon with with a user name that has SM capability and re-enter the command. If you are not assigned a user name with SM capability, consult with your system manager.
725	MESSAGE	EXECUTING THIS COMMAND ON ANY ACCOUNT OTHER THAN THE LOGON ACCOUNT REQUIRES SYSTEM MANAGER CAPABILITY. (CIERR 725)
	CAUSE	System manager (SM) capability is required to execute this command. Your logon does not have this capability.
	ACTION	If you need this information logon with with a user name that has SM capability and re-enter the command. If you are not assigned a user name with SM capability, consult with your system manager.
726	MESSAGE	EXPECTED A LIST FILE NAME. (CIERR 726)
727	MESSAGE	ONLY TWO PARAMETERS ALLOWED, THE ITEM TO BE LISTED AND THE OPTIONAL LISTFILE. (CIERR 727)

728	MESSAGE	EXECUTING THIS COMMAND ON ALL GROUPS REQUIRES AM CAPABILITY. (CIERR 728)
	CAUSE	Account Manager (AM) capability is required to execute this command. Your logon does not have this capability.
	ACTION	If you need this information log on with a user name that has AM capability and re-enter the command. If you are not assigned a user name with AM capability, consult with your account manager.
729	MESSAGE	EXECUTING THIS COMMAND ON ANY GROUP OTHER THAN THE LOGON GROUP REQUIRES AM CAPABILITY. (CIERR 729)
	CAUSE	Account Manager (AM) capability is required to execute this command; evidently your logon does not have this capability.
	ACTION	If you need this information log on with a user name that has AM capability and re-enter the command. If you are not assigned a user name with AM capability, consult with your account manager.
730	MESSAGE	ALTACCT CAN HANDLE A MAXIMUM OF 71 PARAMETERS. (CIERR 730)
	CAUSE	You have specified too many parameters on the command line.
	ACTION	Consult the *MPE/iX Commands Reference Manual (32650-90003)* for acceptable parameters.
731	MESSAGE	ALTGROUP CAN HANDLE A MAXIMUM OF 71 PARAMETERS. (CIERR 731)
	CAUSE	You have specified too many parameters on the command line.
	ACTION	Consult the *MPE/iX Commands Reference Manual (32650-90003)* for acceptable parameters.

732	MESSAGE	ALTUSER CAN HANDLE A MAXIMUM OF 71 PARAMETERS. (CIERR 732)
	CAUSE	You have specified too many parameters on the command line.
	ACTION	Consult the *MPE/iX Commands Reference Manual (32650-90003)* for acceptable parameters.
733	MESSAGE	NEWACCT CAN HANDLE A MAXIMUM OF 71 PARAMETERS. (CIERR 733)
	CAUSE	You have specified too many parameters on the command line.
	ACTION	Consult the *MPE/iX Commands Reference Manual (32650-90003)* for acceptable parameters.
734	MESSAGE	NEWGROUP CAN HANDLE A MAXIMUM OF 71 PARAMETERS. (CIERR 734)
	CAUSE	You have specified too many parameters on the command line.
	ACTION	Consult the *MPE/iX Commands Reference Manual (32650-90003)* for acceptable parameters.
735	MESSAGE	NEWUSER CAN HANDLE A MAXIMUM OF 71 PARAMETERS. (CIERR 735)
	CAUSE	You have specified too many parameters on the command line.
	ACTION	Consult the *MPE/iX Commands Reference Manual (32650-90003)* for acceptable parameters.
736	MESSAGE	EXPECTED COMMA AFTER ACCOUNT NAME, BEFORE MANAGER'S NAME. (CIERR 736)
	CAUSE	You failed to include a comma between the account name and the manager's name.
	ACTION	Include a comma between the account name and the manager's name.

737	MESSAGE	EXPECTED KEYWORD IDENTIFYING PARAMETER. ONE OF PASS, FILES, CPU, CONNECT, CAP, ACCESS, MAXPRI, LOCATTR, VS, HOME, USERPASS. (CIERR 737)
	CAUSE	The command that you issued expected to see one of the parameters listed above. You specified a parameter that the command does not recognize.
	ACTION	Delete the parameter that is not specified in the list of accepted command parameters.
738	MESSAGE	THE SYNTAX REQUIRES THAT AN EQUAL SIGN (=) FOLLOW KEYWORD. (CIERR 738)
	CAUSE	You did not include an equal sign (=) following one of the keywords on the command line.
	ACTION	Find the keyword that is not followed by an equal sign (=) and enter the equal sign (=).
739	MESSAGE	EXPECTED ONE OF PASS, FILES, CPU, CONNECT, CAP, ACCESS, MAXPRI, LOCATTR, VS, HOME. (CIERR 739)
	CAUSE	The command that you issued expected to see one of the parameters listed above. You specified a parameter that the command does not recognize.
	ACTION	Delete the parameter that is not specified in the list of accepted command parameters.

740	MESSAGE	UNIDENTIFIABLE PARAMETER. POSSIBLY A DELIMITER WAS OMITTED. (CIERR 740)
	CAUSE	The command that you issued does not recognize one of the parameters. It might be that you did not include a delimiter (semi-colon, comma, period, or space) between parameters.
	ACTION	Check the *MPE/iX Commands Reference Manual, (32650-90003)* to make sure that you did not omit a delimiter. If you did, fill the delimiter in.
741	MESSAGE	ACCESS INAPPROPRIATE FOR USER. (CIERR 741)
	CAUSE	One of the access modes that you specified on the command line is not allowed for users.
	ACTION	Check the allowable access modes in the *MPE/iX Commands Reference Manual (32650-90003)* and change the command.
742	MESSAGE	ACCESS REDUNDANTLY SPECIFIED. LAST OCCURRENCE USED. (CIERR 742)
	CAUSE	One of the access modes that you specified on the command line was repeated. The last occurrence of the access mode is the one that will be used.
	ACTION	This message is informational only.
743	MESSAGE	EXPECTED ONE OF AS, BS, CS, DS, OR ES. (CIERR 743)
	CAUSE	You did not specify an acceptable priority.
	ACTION	Specify an acceptable priority level.

744	MESSAGE	MAXPRI REDUNDANTLY SPECIFIED. LAST OCCURRENCE USED. (CIERR 744)
	CAUSE	You specified the MAXPRI parameter twice on the same command line. The last MAXPRI value that was specified is the one implemented by the command.
	ACTION	This message is informational only.
745	MESSAGE	MAXPRI INAPPROPRIATE FOR GROUPS. IGNORED. (CIERR 745)
	CAUSE	The MAXPRI parameter cannot be specified for groups. It was ignored.
	ACTION	This message is informational only.
746	MESSAGE	CAPABILITY LIST REDUNDANTLY SPECIFIED. LAST OCCURRENCE USED. (CIERR 746)
	CAUSE	You specified the CAP parameter twice on the same command line. The last CAP list that was specified is the one implemented by the command.
	ACTION	This message is informational only.
747	MESSAGE	NO CAPABILITY SPECIFIED. IGNORED. (CIERR 747)
	CAUSE	You did not specify any capabilities in your capability list.
	ACTION	This message is informational only.
748	MESSAGE	EXPECTED ONE OF SM, AM, AL, GL, DI, OP, PH, DS, MR, PM, IA, BA, CS, ND, SF, UV, CV, LG, NA, NM, PS. (CIERR 748)
	CAUSE	You did not specify an acceptable capability.
	ACTION	See the *MPE/iX Commands Reference Manual, (32650-90003)* for a definition of acceptable capabilities.

749	MESSAGE	THIS CAPABILITY INAPPROPRIATE FOR GROUPS. IGNORED. (CIERR 749)
	CAUSE	One of the capabilities in your capability list cannot be specified for groups. It was ignored.
	ACTION	This message is informational only.
750	MESSAGE	THIS CAPABILITY REDUNDANTLY SPECIFIED. IGNORED. (CIERR 750)
	CAUSE	You specified a capability twice in the capability list. There should be a caret character (^) pointing to the repeated capability.
	ACTION	This message is informational only.
751	MESSAGE	CREATOR SPECIFIED NEITHER IA NOR BA FOR ACCOUNT, SO BOTH WERE IMPOSED. (CIERR 751)
	CAUSE	You did not specify either interactive access (IA) or batch access (BA) for the account. These must be specified.
	ACTION	This message is informational only.
752	MESSAGE	CREATOR SPECIFIED NEITHER IA NOR BA FOR USER, SO BOTH WERE IMPOSED. (CIERR 752)
	CAUSE	You did not specify either interactive access (IA) or batch access (BA) for the user. These must be specified.
	ACTION	This message is informational only.
753	MESSAGE	LOCAL ATTRIBUTE INAPPROPRIATE FOR GROUPS. IGNORED. (CIERR 753)
	CAUSE	The LOCAL attribute cannot be specified for groups. The attribute was ignored.
	ACTION	This message is informational only.

754	MESSAGE	ACCOUNT MANAGER NAME MUST BE SPECIFIED IN NEWACCT. (CIERR 754)
	CAUSE	You neglected to specify the name of the account manager. The NEWACCT command requires the name of the account manager.
	ACTION	Specify the name of the account manager.
755	MESSAGE	MANAGER NAME MUST START WITH ALPHABETIC CHARACTER. (CIERR 755)
	CAUSE	The first character of the manager name is not alphabetic. You probably mistyped the command.
	ACTION	Retype the command.
756	MESSAGE	MANAGER NAME CANNOT BE MORE THAN 8 CHARACTERS LONG. (CIERR 756)
	CAUSE	The name of the manager is too long. Eight characters or less is the limit. You probably mistyped the command.
	ACTION	Retype the command.
758	MESSAGE	EMBEDDED SPECIAL CHARACTER IN MANAGER'S NAME. (CIERR 758)
	CAUSE	You may have typed a control or unprintable character as part of the manager's name.
	ACTION	Re-enter the command. Make sure that you do not type any control characters.
760	MESSAGE	PASSWORD MUST START WITH ALPHABETIC CHARACTER. (CIERR 760)
	CAUSE	The password specified does not start with an alphabetic character.
	ACTION	Re-enter the command and supply a valid password.

761	MESSAGE	PASSWORD REDUNDANTLY SPECIFIED. LAST OCCURRENCE USED. (CIERR 761)
	CAUSE	You specified a password twice on the command line. The last occurrence of the password specification is the one implemented.
	ACTION	This message is informational only.
762	MESSAGE	PASSWORD CANNOT BE MORE THAN 8 CHARACTERS LONG. (CIERR 762)
	CAUSE	You specified a password that has more than eight characters. A password can only be eight characters or less. You probably mistyped the command.
	ACTION	Retype the command.
764	MESSAGE	EMBEDDED NON-ALPHANUMERIC CHARACTER IN PASSWORD. (CIERR 764)
	CAUSE	You specified a password with a character that is neither alphabetic nor numeric. You probably mistyped the command.
	ACTION	Retype the command.
765	MESSAGE	HOME GROUP OPTION APPROPRIATE ONLY TO USERS. IGNORED. (CIERR 765)
	CAUSE	You specified the home group option for an account or a group. It may only be specified for users.
	ACTION	This message is informational only.
767	MESSAGE	FILES OPTION INAPPROPRIATE FOR USERS. IGNORED. (CIERR 767)
	CAUSE	You cannot specify the FILES option for a user.
	ACTION	This message is informational only.

768	MESSAGE	EXPECTED POSITIVE INTEGER <2147483647 AS SECTORS LIMIT. (CIERR 768)
	CAUSE	You specified a sectors limit with the FILES option that is greater than 2147483647.
	ACTION	Specify a new sectors limit that is less than 2147483647.
769	MESSAGE	FILE SECTORS LIMIT MAY NOT BE A NEGATIVE NUMBER. (CIERR 769)
	CAUSE	You specified a negative number for the file sector limit. It must be a positive number.
	ACTION	Specify a new sectors limit with a positive number.
770	MESSAGE	FILE SECTORS LIMIT REDUNDANTLY SPECIFIED. LAST USED. (CIERR 770)
	CAUSE	You specified the file sector limit twice on the same command line. The last file sector limit specification is the one implemented.
	ACTION	This message is informational only.
771	MESSAGE	ONVS OPTION INAPPROPRIATE FOR USERS. IGNORED. (CIERR 771)
	CAUSE	You cannot specify the ONVS option for a user. It was ignored.
	ACTION	This message is informational only.
773	MESSAGE	CPU LIMITS OPTION INAPPROPRIATE FOR USERS. IGNORED. (CIERR 773)
	CAUSE	You cannot specify the CPU limit option for a user. It was ignored.
	ACTION	This message is informational only.

774	MESSAGE	EXPECTED POSITIVE INTEGER <2147483647 AS CPU SECONDS LIMIT. (CIERR 774)
	CAUSE	You specified a CPU limit that is greater than 2147483647.
	ACTION	Specify a new CPU limit that is less than 2147483647.
775	MESSAGE	CPU SECONDS LIMIT MAY NOT BE A NEGATIVE NUMBER. (CIERR 775)
	CAUSE	You specified a negative number for the CPU seconds limit. Only a positive number is allowed
	ACTION	This message is informational only.
776	MESSAGE	CPU SECONDS LIMIT REDUNDANTLY SPECIFIED. LAST USED. (CIERR 776)
	CAUSE	You specified a CPU seconds limit more than once on the same command line. The last CPU seconds limit specification is the one implemented.
	ACTION	This message is informational only.
777	MESSAGE	ONE OR MORE USERS HAVE NEITHER "IA" OR "BA" CAPABILITY. (CIWARN 777).
778	MESSAGE	ONE OR MORE GROUPS HAVE NEITHER "IA" OR "BA" CAPABILITY. (CIWARN 778).
779	MESSAGE	CONNECT TIME OPTION INAPPROPRIATE FOR USERS. IGNORED. (CIERR 779)
	CAUSE	You cannot specify the connect time option for a user. It was ignored.
	ACTION	This message is informational only.

781	MESSAGE	CONNECT TIME LIMIT MAY NOT BE A NEGATIVE NUMBER. (CIERR 781)
	CAUSE	You specified a negative number for the connect time limit option. Only a positive number is allowed.
	ACTION	Specify a new connect time limit that is a positive number.
782	MESSAGE	CONNECT TIME LIMIT REDUNDANTLY SPECIFIED. LAST USED. (CIERR 782)
	CAUSE	You specified a connect time limit more than once on the same command line. The last connect time limit specification is the one implemented.
	ACTION	This message is informational only.
784	MESSAGE	SM CAPABILITY CANNOT BE REMOVED FROM MANAGER.SYS. COMMAND REJECTED. (CIERR 784)
	CAUSE	You cannot remove system manager (SM) capability from MANAGER.SYS.
	ACTION	Review account structure capabilities in the *MPE/iX Commands Reference Manual, (32650-90003).*
785	MESSAGE	ATTEMPT TO REMOVE SM CAPABILITY FROM SYS ACCOUNT OVERRIDDEN. (CIERR 785)
	CAUSE	You cannot remove system manager (SM) capability from the SYS account.
	ACTION	Review account structure capabilities in this manual.
786	MESSAGE	FILE SPACE LIMIT REQUESTED LESS THAN ACTUAL SPACE ALREADY IN USE. COMMAND REJECTED WITH NO CHANGES. (CIERR 786)
	CAUSE	You have requested a file space limit that is less than the space that is already in use.
	ACTION	This message is informational only.

787	MESSAGE	GROUP CPU LIMIT REQUESTED EXCEEDS ACCOUNT LIMIT, GROUP LIMIT LOWERED TO ACCOUNT LIMIT. (CIERR 787)
	CAUSE	The group CPU limit cannot exceed the account CPU limit.
	ACTION	The group CPU limit that you specified has automatically been lowered to the account CPU limit.
788	MESSAGE	GROUP CONNECT TIME LIMIT REQUESTED EXCEEDS ACCOUNT LIMIT. GROUP LIMIT LOWERED TO ACCOUNT LIMIT. (CIERR 788)
	CAUSE	The group connect time limit cannot exceed the account connect time limit.
	ACTION	The group connect time limit that you specified has automatically been lowered to the account connect time limit.
789	MESSAGE	GROUP FILE SPACE LIMIT REQUESTED EXCEEDS ACCOUNT LIMIT, GROUP LIMIT LOWERED TO ACCOUNT LIMIT. (CIERR 789)
	CAUSE	You have requested a group file space limit that exceeds the account file space limit.
	ACTION	The group file space limit has automatically been lowered to the account file space limit.
790	MESSAGE	GROUP CAPABILITIES REQUESTED EXCEED ACCOUNT CAPABILITIES. ! NOT GRANTED (CIERR 790)
	CAUSE	The group capabilities cannot exceed the account capabilities.
	ACTION	This message is informational only.

791	MESSAGE	GROUP FILE SPACE LIMIT REQUESTED IS LESS THAN SPACE ALREADY IN USE. COMMAND REJECTED. (CIERR 791)
	CAUSE	You have requested a group file space limit that is less than the space that is already in use.
	ACTION	This message is informational only.
792	MESSAGE	ACCOUNT MANAGER ATTEMPTED TO REMOVE HIS OWN ACCOUNT MANAGER CAPABILITY. COMMAND REJECTED. (CIERR 792)
	CAUSE	You cannot remove account manager capability from the account manager account.
	ACTION	This message is informational only.
793	MESSAGE	USER MAXPRI REQUESTED IS GREATER THAN THE ACCOUNT MAXPRI. USER MAXPRI LOWERED TO ACCOUNT'S. (CIERR 793)
	CAUSE	The group maximum priority level cannot exceed the account maximum priority level.
	ACTION	The group connect maximum priority level that you specified has automatically been lowered to the account maximum priority level.
794	MESSAGE	USER CAPABILITIES REQUESTED EXCEED ACCOUNT CAPABILITIES. ! NOT GRANTED. (CIERR 794)
	CAUSE	User capabilities cannot exceed account capabilities.
	ACTION	This message is informational only.

795	MESSAGE	USER ASSIGNED LOCAL ATTRIBUTES GREATER THAN THE ACCOUNT LOCAL ATTRIBUTES. LOWERED TO ACCOUNT'S. (CIERR 795)
	CAUSE	User local attributes cannot be greater than the account's local attributes.
	ACTION	The user local attributes were automatically lowered to the account's local attributes.
796	MESSAGE	HOME GROUP REDUNDANTLY SPECIFIED. LAST OCCURRENCE USED. (CIERR 796)
	CAUSE	You specified the home group more than once on the command line. The last home group specification is the one implemented.
	ACTION	This message is informational only.
797	MESSAGE	LOCAL ATTRIBUTE REDUNDANTLY SPECIFIED. LAST OCCURRENCE USED. (CIERR 797)
	CAUSE	You specified the local attribute more than once on the command line. The last local attribute specification is the one implemented.
	ACTION	This message is informational only.
798	MESSAGE	EXPECTED INTEGER BETWEEN -2147483648 AND 2147483647. (CIERR 798)
	CAUSE	You specified an integer that is not greater than -2147483647 or less than 2147483647.
	ACTION	Specify an integer within the accepted range.

799	MESSAGE	EXPECTED ONE OF PH, DS, MR, PM, IA, BA. (CIERR 799)
	CAUSE	The command that you issued expected one of the following capabilities: Process Handling (PH), Extra Data Segments (DS), Multiple RIN (MR), Privileged Mode (PM), Interactive Access (IA), Batch Access (BA).
	ACTION	Review the account structure capabilities in this manual, and re-issue the command.
800	MESSAGE	ACCOUNT MANAGERS WHO HAVE LOST BOTH "IA" AND "BA" CAPABILITY WERE GIVEN THE ACCOUNT'S "IA" OR "BA" CAPABILITY. (CIWARN 800).
850	MESSAGE	! NAME CONTAINS SPECIAL CHARACTER(S) (CIERR 850)
851	MESSAGE	FIRST CHARACTER IN NAME NOT ALPHABETIC (CIERR 851)
	CAUSE	The name specified does not start with an alphabetic character.
	ACTION	Re-enter the command and supply a valid name.
852	MESSAGE	! NAME MORE THAN 8 CHARACTERS IN LENGTH (CIERR 852)
853	MESSAGE	! NAME MISSING (CIERR 853)
	CAUSE	Evidently, you did not specify a name required by the command.
	ACTION	Re-enter the command and supply a name.

854	MESSAGE	! SPECIFICATION CONTAINS TOO MANY PARAMETERS (CIERR 854)
	CAUSE	You supplied too many parameters to a command.
	ACTION	Consult with the online Help facility and *MPE/iX Commands Reference Manual, (32650-90003)*, and re-enter the command.
855	MESSAGE	! SPECIFICATION CONTAINS TOO FEW PARAMETERS (CIERR 855)
	CAUSE	You did not supply the correct number of parameters.
	ACTION	Consult with the online Help facility and the *MPE/iX Commands Reference Manual, (32650-90003)*, and re-enter the command.
856	MESSAGE	MISSING COLON (:) FOR ! DEFINITION (CIERR 856)
857	MESSAGE	DUPLICATE ! DEFINITION (CIERR 857)
858	MESSAGE	UNDEFINED ! DISK TYPE DESIGNATOR (CIERR 858)
859	MESSAGE	MASTER VOLUME DESIGNATION UNIDENTIFIED (CIERR 859)
860	MESSAGE	ILLEGAL KEYWORD (CIERR 860)
	CAUSE	You supplied a keyword that is not allowed with this command.
	ACTION	Consult with the online Help facility and the *MPE/iX Commands Reference Manual, (32650-90003)*, and re-enter the command.

861	MESSAGE	MISSING EQUAL (=) FOLLOWING KEYWORD (CIERR 861)
	CAUSE	Keywords that are assigned a value must be followed by an equal sign (=). Evidently, you specified such a keyword but did not supply it an equal sign (=).
	ACTION	Re-enter the command.
862	MESSAGE	VOLUME NAME SPECIFICATION UNIDENTIFIED (CIERR 862)
863	MESSAGE	DUPLICATE CLASS MEMBER SPECIFICATION (CIERR 863)
864	MESSAGE	KEYWORD MISSING (CIERR 864)
	CAUSE	Evidently, you did not specify a keyword that was expected by the system.
	ACTION	Consult the online Help facility and the *MPE/iX Commands Reference Manual, (32650-90003)*, and re-enter the command.
865	MESSAGE	KEYWORD PARAMETER MISSING (CIERR 865)
866	MESSAGE	INVALID KEYWORD PARAMETER (CIERR 866)
867	MESSAGE	GENERATION INDEX NOT ALLOWED IN DISMOUNT COMMAND (CIERR 867)
868	MESSAGE	VOLUME SET ! NOT PERFORMED
869	MESSAGE	NON-EXISTENT VOLUME SET ! FOR CLASS ! (CIERR 869)
900	MESSAGE	END OF FILE ON INPUT. (CIERR 900)

901	MESSAGE	I/O ERROR ON INPUT. (CIERR 901)
905	MESSAGE	I/O ERROR IN DIRECTORY ROUTINES. (CIERR 905)
906	MESSAGE	DUPLICATE NAME IN DIRECTORY. (CIERR 906)
	CAUSE	The name you specified already exists on the system.
	ACTION	This depends on the operation you are trying to perform. You may re-enter the command and supply another name. Or, you may use a different command and just alter the characteristics of the existing name.
907	MESSAGE	NON-EXISTENT FILE. (CIERR 907)
	CAUSE	The file you specified does not exist.
	ACTION	Verify that the file exists or its name was entered correctly. Check the output of LISTF for correct spelling of the file name.
908	MESSAGE	NON-EXISTENT GROUP. (CIERR 908)
	CAUSE	The group you specified does not exist.
	ACTION	Verify that the group exists or its name was entered correctly. Check the output of REPORT for correct spelling of the group name.
909	MESSAGE	NON-EXISTENT ACCOUNT. (CIERR 909)
	CAUSE	The account you specified does not exist.
	ACTION	Verify that the account exists or its name was entered correctly. Check the output of REPORT for correct spelling of the account name.

910	MESSAGE	NON-EXISTENT USER. (CIERR 910)
	CAUSE	The user you specified does not exist.
	ACTION	Verify that the user exists or its name was entered correctly. Check the output of LISTUSER for correct spelling of the user name.
911	MESSAGE	NON-EXISTENT VOLUME SET DEFINITION. (CIERR 911)
	CAUSE	The Volume Set Definition (VSD) you specified does not exist.
	ACTION	Verify that the VSD exists or its name was entered correctly.
912	MESSAGE	NON-EXISTENT VOLUME SET LIST. (CIERR 912)
	CAUSE	The specified volume set list does not exist.
	ACTION	Verify all items in the volume set list.
913	MESSAGE	USER LACKS SAVE ACCESS TO SPECIFIED GROUP. (CIERR 913)
	CAUSE	User does not have Save Files (SF) capability.
	ACTION	Ask your system manager to assign SF capability to your user name.
914	MESSAGE	FILES CANNOT BE SAVED IN ANOTHER ACCOUNT. (CIERR 914)
	CAUSE	An attempt was made to save a file in an account other than the one associated with the user.
	ACTION	Do not attempt to save files in accounts other than the one associated with your user name.

915	MESSAGE	DIRECTORY OUT OF SPACE - SYSTEM PROBLEM. (CIERR 915)
	CAUSE	Internal error.
	ACTION	Call your support representative.
916	MESSAGE	IN USE: CAN'T BE PURGED. (CIERR 916)
	CAUSE	The specified directory has one or more files/directories in it that could not be purged. PURGEDIR was unable to delete the target directory.
	ACTION	Try the command again with the SHOWERRORS option. Determine the accessor of the file or directory (maybe via GLANCE/XL) and have them close the object.
917	MESSAGE	GROUP FILE SPACE WOULD EXCEED LIMITS. (CIERR 917)
	CAUSE	The user attempted to create or alter group file space that is larger than the account limit.
	ACTION	Notify the system manager and ask him or her to alter the account file space limits.
918	MESSAGE	ACCOUNT FILE SPACE WOULD EXCEED LIMITS. (CIERR 918)
	CAUSE	You attempted to create an account larger than the allowed limits.
	ACTION	Retry the operation, but leave file space unlimited.

919	MESSAGE	"!" in use. Can't be purged. (CIWARN 919)
	CAUSE	The file or directory is currently being accessed. PURGEDIR will continue. This warning is visible if the SHOWERRORS option was specified or the directory name contains wildcard characters.
	ACTION	Try the command again. Determine the accessor of the file or directory and have them close the object.
920	MESSAGE	NON-EXISTENT FILE !. (CIWARN 920)
921	MESSAGE	NON-EXISTENT GROUP !. (CIWARN 921)
922	MESSAGE	NON-EXISTENT ACCOUNT!. (CIWARN 922)
923	MESSAGE	NON-EXISTENT VOLUME SET DEFINITION !. (CIWARN 923)
924	MESSAGE	NON-EXISTENT VOLUME SET LIST !. (CIWARN 924)
926	MESSAGE	UNKNOWN DIRECTORY ERROR. (CIWARN 926)
927	MESSAGE	VALID TEMPORARY FILE FORMATS ARE -1, 0, 1, 2, 3, OR THE EQUIVALENT FORMAT NAME. (CIWARN 927)
928	MESSAGE	LISTING SENSITIVE FILE DATA REQUIRES AM CAPABILITY FOR FILES IN YOUR LOGON ACCOUNT; OTHERWISE, SM CAPABILITY IS REQUIRED. (CIERR 928)

930	MESSAGE	`A directory cannot be created directly under an account. (CIERR 930)`
	CAUSE	User requested a directory be created directly under an MPE account.
	ACTION	Directories can only be created directly under other directories, MPE groups (with SAVE access granted to the user), and root (/).
931	MESSAGE	`A directory name cannot exceed 16 characters when it is directly under root or an MPE group. (CIERR 931)`
	CAUSE	User tried to create a directory immediately under root (/) or an MPE group with a name greater than 16 bytes. These directory names must be 16 or less characters in length. Directories located under other directories may use longer names.
	ACTION	Choose a shorter name.
932	MESSAGE	`Invalid character in HFS file name. (CIERR 932)`
	CAUSE	An unexpected character was found in the directory name. Most likely the user omitted the leading "." or "/" (specifying an HFS name).
	ACTION	MPE directory names must follow MPE naming rules. HFS directory names are only accepted if the name begins with a "." or a "/".
933	MESSAGE	`User lacks create directory entries (CD) access to parent directory. (CIERR 933)`
	CAUSE	User lacks CD access and appropriate privilege to the target parent directory.
	ACTION	See appropriate privilege definition. Change the ACD for the parent directory to grant CD access to the user. See the ALTSEC command.

934	MESSAGE	`Cannot traverse the pathname. (CIERR 934)`
	CAUSE	User lacks TD access to one or more of the directories and appropriate privilege.
	ACTION	See appropriate privilege definition. Change the ACD for all, pathname components to grant TD access to the user. See the `ALTSEC` command. The `LISTFILE` command can be used to list the security for each directory in the target pathname.
936	MESSAGE	`NEWDIR failed due to insufficient disk space. (CIERR 936)`
	CAUSE	The system does not have enough disk space to create a new directory.
	ACTION	Use DISCFREE and REPORT to find out where disk space can be freed. Use PURGEACCT, PURGEGROUP, PURGEDIR, PURGE and SPOOLF; DELETE to remove permanent objects that are consuming disk space.
937	MESSAGE	`User lacks delete directory entries (DD) access to parent directory. (CIERR 937)`
	CAUSE	User lacks DD access and appropriate privilege to the parent of the target directory.
	ACTION	See appropriate privilege definition. Change the ACD for the parent directory to grant DD access to the user. See the ALTSEC command.

938	MESSAGE	User lacks delete directory entries (DD) access to "!". (CIWARN 938)
	CAUSE	User lacks DD access and appropriate privilege to the parent of one of the subdirectories below the target directory. This warning is only visible if the SHOWERRORS option was specified.
	ACTION	See appropriate privilege definition. Change the ACD for the directory to grant DD access to the user. See the ALTSEC command.
939	MESSAGE	User lacks read directory entries (RD) access to "!". (CIWARN 939)
	CAUSE	User lacks RD access and appropriate privilege to the parent of one of the subdirectories below the target directory. This warning is only visible if the SHOWERRORS option was specified.
	ACTION	See appropriate privilege definition. Change the ACD for the directory to grant RD access to the user. See the ALTSEC command.
940	MESSAGE	User lacks traverse directory entries (TD) access to "!". (CIWARN 940)
	CAUSE	User lacks TD access and appropriate privilege to the parent of one of the subdirectories below the target directory. This warning is only visible if the SHOWERRORS option was specified.
	ACTION	See appropriate privilege definition. Change the ACD for the directory to grant TD access to the user. See the ALTSEC command.

941	MESSAGE	"!" directory is not empty. (CIWARN 941)
	CAUSE	One or more files/directories exist under the target directory and a single level purge was requested.
	ACTION	Single-level directory purges require that the directory be empty. Use LISTFIILE to verify if files are under the directory, or specify a multi-level PURGEDIR, via the TREE option.
942	MESSAGE	User lacks read directory entries (RD) access to parent directory. (CIERR 942)
	CAUSE	User lacks RD access and appropriate privilege for the parent of the target directory.
	ACTION	See appropriate privilege definition. Change the ACD for the parent directory to grant RD access to the user. See the ALTSEC command.
950	MESSAGE	END OF FILE ON LIST FILE. (CIERR 950)
	CAUSE	The data to be written exceeds the list files EOF mark.
	ACTION	Rebuild the list file with a larger record size.
951	MESSAGE	UNEXPECTED I/O ERROR ON LIST FILE. (CIERR 951)
	CAUSE	An I/O error occurred on the list file.
	ACTION	Retry the operation.
954	MESSAGE	THIS COMMAND REQUIRES NODE MANAGER (NM) CAPABILITY. (CIERR 954)
	CAUSE	User does not have Node Manager (NM) capability.
	ACTION	Ask your system manager to assign NM capability to your user name.

955	MESSAGE	THIS COMMAND REQUIRES SYSTEM SUPERVISOR (OP) CAPABILITY. (CIERR 955)
	CAUSE	The command is available only to those who have System Supervisor (OP) capability.
	ACTION	Ask your system manager to assign OP capability to your user name.
956	MESSAGE	THIS COMMAND REQUIRES SYSTEM MANAGER (SM) CAPABILITY. (CIERR 956)
	CAUSE	User does not have System Manager (SM) capability.
	ACTION	Ask your system manager to assign SM capability to your user name.
957	MESSAGE	THIS COMMAND REQUIRES ACCOUNT MANAGER (AM) CAPABILITY. (CIERR 957)
	CAUSE	User does not have Account Manager (AM) capability.
	ACTION	Ask your system manager to assign AM capability to your user name.
958	MESSAGE	THIS COMMAND REQUIRES ACCOUNT MANAGER (AM) OR SYSTEM MANAGER (SM) CAPABILITY. (CIERR 958)
	CAUSE	User does not have Account Manager (AM) or System Manager (SM) capability.
	ACTION	Ask your system manager to assign SM or AM capability to your user name.

959	MESSAGE	THIS COMMAND REQUIRES COMMUNICATION SYSTEMS (CS) CAPABILITY. (CIERR 959)
	CAUSE	User does not have Use Communication Subsystem (CS) capability.
	ACTION	Ask your system manager to assign CS capability to your user name.
960	MESSAGE	THIS COMMAND REQUIRES THE CAPABILITY TO USE (UV) OR CREATE (CV) PRIVATE VOLUMES. (CIERR 960)
	CAUSE	User does not have the capability to use or create private volumes.
	ACTION	Ask your system manager to assign the UV and CV capabilities to your user name.
961	MESSAGE	THIS COMMAND REQUIRES CREATE VOLUMES (CV) CAPABILITY. (CIERR 961)
	CAUSE	User does not have the capability to create private volumes.
	ACTION	Ask your system manager to assign the CV capability to your user name.
962	MESSAGE	THIS COMMAND REQUIRES PRIVILEGED MODE (PM) CAPABILITY. (CIERR 962)
	CAUSE	User does not have privileged mode (PM) capability.
	ACTION	Ask your system manager to assign PM capability to your user name.
963	MESSAGE	THIS COMMAND REQUIRES INTERACTIVE ACCESS (IA) CAPABILITY. (CIERR 963)
	CAUSE	User does not have Interactive Access (IA) capability.
	ACTION	Ask your system manager to assign IA capability to your user name.

964	MESSAGE	THIS COMMAND REQUIRES BATCH ACCESS (BA) CAPABILITY. (CIERR 964)
	CAUSE	User does not have Batch Access (BA) capability.
	ACTION	Ask your system manager to assign BA capability to your user name.
965	MESSAGE	THIS COMMAND REQUIRES SAVE FILES (SF) CAPABILITY. (CIERR 965)
	CAUSE	User does not have Save Files (SF) capability.
	ACTION	Ask your system manager to assign SF capability to your user name.
966	MESSAGE	THIS COMMAND REQUIRES LOGGING (LG) CAPABILITY (CIERR 966)
	CAUSE	User does not have user logging (LG) capability.
	ACTION	Ask your system manager to assign LG capability to your user name.
967	MESSAGE	THIS COMMAND REQUIRES SYSTEM MANAGER (SM) OR SYSTEM SUPERVISOR (OP) CAPABILITY. (CIERR 967)
	CAUSE	User does not have System Manager (SM) or System Supervisor (OP) capability.
	ACTION	Ask your system manager to assign SM or OP capability to your user name.
968	MESSAGE	THIS COMMAND REQUIRES ACCOUNT MANAGER (AM) CAPABILITIES WHEN EXECUTED BY OTHER THAN THE MASTER OPERATOR. (CIERR 968)
	CAUSE	User does not have Account Manager (AM) capability.
	ACTION	Ask your system manager to assign AM capability to your user name.

969	MESSAGE	USER MUST HAVE AM CAPABILITY OR BE THE MASTER OPERATOR TO SPECIFY "@" HERE. (CIERR 969)
	CAUSE	User does not have Account Manager (AM) capability.
	ACTION	Ask your system manager to assign AM capability to your user name.
970	MESSAGE	EXECUTING THIS COMMAND ON ANY ACCOUNT OTHER THAN THE LOGON ACCOUNT REQUIRES SM CAPABILITY OR MASTER OPERATOR STATUS.(CIERR 970)
	CAUSE	User does not have System Manager (SM) capability or Master Operator status.
	ACTION	Ask your system manager to assign SM capability to your user name.
971	MESSAGE	USER MUST HAVE SM CAPABILITY OR BE THE MASTER OPERATOR TO SPECIFY "@" HERE. (CIERR 971)
	CAUSE	User does not have System Manager (SM) capability or Master Operator status.
	ACTION	Ask your system manager to assign SM capability to your user name.
975	MESSAGE	UNKNOWN COMMAND NAME. (CIERR 975)
	CAUSE	The command entered is not a valid MPE/iX command.
	ACTION	Check the *MPE/iX Commands Reference Manual, (32650-90003)* for a list of valid MPE/iX commands.
976	MESSAGE	PROGRAM TERMINATED IN AN ERROR STATE. (CIERR 976)
	CAUSE	The executing program encountered an error.
	ACTION	Contact the appropriate support personnel.

977	MESSAGE	COMMAND NOT ALLOWED IN SESSION MODE. (CIERR 977)
	CAUSE	The command entered is not allowed in the session mode.
	ACTION	Use this command in the job mode only.
978	MESSAGE	COMMAND NOT ALLOWED IN JOB MODE. (CIERR 978)
	CAUSE	The command entered is not allowed in the job mode.
	ACTION	Use this command in the session mode only.
979	MESSAGE	COMMAND NOT ALLOWED IN A USER COMMAND. (CIERR 979)
	CAUSE	The DO and REDO commands are not allowed in a user command (UDC or Command FIle).
	ACTION	Do not use the DO or REDO commands in a user command.
980	MESSAGE	COMMAND GREATER THAN 278 CHARACTERS LONG. (CIERR 980)
	CAUSE	The command entry exceeded the maximum allowable length of 278 characters.
	ACTION	Reenter the command making sure the length is less than 278 characters.
981	MESSAGE	MISSING COLON BEFORE COMMAND NAME. (CIERR 981)
	CAUSE	A CI command was entered from a subsystem without the preceeding colon.
	ACTION	Reenter the command with a preceeding colon to indicate that the command is to be processed by the Command Interpreter (CI).

984	MESSAGE	REQUIRES FORMAL FILE DESIGNATOR. (CIERR 984)
	CAUSE	You entered incorrect syntax for the command.
	ACTION	Check the syntax in the reference manual and reenter the command.
985	MESSAGE	EXPECTED RESPONSE OF "YES" OR "NO". (CIWARN 985)
	CAUSE	A response other than "YES" or "NO" was received.
	ACTION	Enter a response of "YES" or "NO".
986	MESSAGE	COMMAND NOT ALLOWED IN BREAK. (CIERR 986)
	CAUSE	The command entered is not allowed in the break mode.
	ACTION	Do not issue this command while in the break mode.
988	MESSAGE	A MAXIMUM OF 30 CONTINUATION LINES IS ALLOWED. (CIERR 988)
	CAUSE	More than 30 continuation lines were entered.
	ACTION	Check the command entry and ensure that there are no more than 30 continuation lines (a continuation line is indicated with an ampersand (&) sign at the end of the line).
989	MESSAGE	PROGRAM ABORTED PER USER REQUEST. (CIERR 989)
	CAUSE	This message is a confirmation that a program was terminated by the ABORT command following a break.
	ACTION	None. Information only.

990	MESSAGE	EXPECTED "YES" OR "NO". (CIWARN 990)
	CAUSE	A response other than "YES" or "NO" was entered in response to the "ABORT? (YES/NO)" message.
	ACTION	Enter YES or NO in response to the "ABORT? (YES/NO)" message.
991	MESSAGE	NO PARAMETERS ARE ALLOWED WITH "ABORT". (CIERR 991)
	CAUSE	An attempt was made to enter parameters with the ABORT command.
	ACTION	Do not enter parameters with the ABORT command.
100	MESSAGE	ERROR WHILE WRITING TO TAPE - STORE STOPPED. (CIERR 1000)
	CAUSE	An error occurred while writing to a STORE tape.
	ACTION	Reenter the STORE command using a new tape.
1001	MESSAGE	SPECIAL CHARACTER IN TAPE FILE NAME. (CIERR 1001)
	CAUSE	A special character was found in the specified tape file name.
	ACTION	Reenter the tape file name making sure that valid file naming conventions are used.
1002	MESSAGE	EXPECTED ALPHABETIC CHARACTER TO START TAPE NAME. (CIERR 1002)
	CAUSE	The first character of the start tape name was not alphabetic.
	ACTION	Reenter the tape file name making sure that valid file naming conventions are used.

1003	MESSAGE	TAPE FILE NAME > 8 CHARACTERS LONG. (CIERR 1003)
	CAUSE	The tape file name entered exceeded the maximum length of 8 characters.
	ACTION	Reenter the tape file name making sure that valid file naming conventions are used.
1004	MESSAGE	EXPECTED "*" INDICATING BACK REFERENCE FOR TAPE FILE. (CIERR 1004)
	CAUSE	The name of the magnetic tape file containing the files to be restored was not backreferenced with an asterisk (*).
	ACTION	Use a FILE equation before invoking the RESTORE command.
1005	MESSAGE	TAPE FILE NAME IS A REQUIRED PARAMETER. (CIERR 1005)
	CAUSE	The tape file name was omitted with the command entry.
	ACTION	Check the command syntax and reenter the command (make sure the tape file name is included).
1006	MESSAGE	SEMICOLON REQUIRED BETWEEN KEYWORDS. (CIERR 1006)
	CAUSE	A semicolon (;) is required to separate keywords.
	ACTION	Reenter the command making sure the keywords are separated with semicolons.
1007	MESSAGE	"FILES=" REDUNDANTLY SPECIFIED. LAST USED. (CIWARN 1007)
	CAUSE	The "FILES=" parameter was specified more than once.
	ACTION	None. The last "FILES=" parameter was used.

1008	MESSAGE	EXPECTED "FILES=". (CIERR 1008)
	CAUSE	The "FILES=" parameter was missing from the command entry.
	ACTION	Reenter the command making sure the "FILES=" parameter is included.
1009	MESSAGE	EXPECTED FILE COUNT LIMIT BETWEEN 1 AND 2147483647. (CIERR 1009)
	CAUSE	The file count limit entered was less than 1 or greater than 2,147,483,647.
	ACTION	Reenter the command making sure the file count limit is within the range of 1 to 2,147,483,647.
1010	MESSAGE	EXPECTED ONE OF "SHOW", "FILES", OR "DATE". (CIERR 1010)
	CAUSE	Same as message content.
	ACTION	Check the syntax and reenter the command.
1011	MESSAGE	MORE THAN ! PARAMETERS TO STORE COMMAND. (CIERR 1011)
	CAUSE	Too many parameters were specified with the command entry.
	ACTION	Check the syntax and reenter the command.
1012	MESSAGE	A TAPE FILE NAME IS REQUIRED. (CIERR 1012)
	CAUSE	A tape file name was not entered with the command.
	ACTION	Reenter the command making sure a tape file name is included.

1013	MESSAGE	UNEXPECTED "=" WHILE PARSING FILE SET NAMES. (CIERR 1013)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1014	MESSAGE	UNABLE TO OPEN LIST FILE. FORCED TO $STDLIST. (CIWARN 1014)
	CAUSE	Same as message content.
	ACTION	None. Information only.
1015	MESSAGE	INSUFFICIENT STACK TO DO STORE. (CIERR 1015)
	CAUSE	Same reason as the message indicates.
	ACTION	Alter the STORE file set and make it smaller. If you are doing a native mode STORE (without specifying TRANSPORT), you might try increasing the size of the stack by issuing the :RUN STORE command, and specifying the NM STACK= option with a larger size stack. Refer to a utilities reference manual for further information.
1016	MESSAGE	FOPTIONS ON TAPE WRONG - SHOULD BE NOCCTL, UNDEFINED RECORD FORMAT, BINARY, NEW. (CIERR 1016)
	CAUSE	The file format specified does not match the tape format.
	ACTION	Issue a :FILE command to define a file equation specifying the correct format. Reissue the operation and backreference that file equation.
1017	MESSAGE	AOPTIONS ON TAPE WRONG - SHOULD BE WAIT, EXCLUSIVE, NO MULTIRECORD, WRITE ONLY. (CIERR 1017)

1018	MESSAGE	CAN ONLY STORE TO TAPE OR SERIAL DISC. (CIERR 1018)
	CAUSE	A device other than a tape or disk was specified with the STORE command.
	ACTION	Reenter the command making sure the device specified is a tape or disk.
1019	MESSAGE	IRRECOVERABLE ERROR ON SCRATCH FILE - STORE STOPPED. (CIERR 1019)
	CAUSE	Same as the message.
	ACTION	Reenter the command using a different file for a scratch file.
1020	MESSAGE	DISK ERROR ON LABEL OF FILE ! - STORE STOPPED. (CIERR 1020)
	CAUSE	An error occurred while reading the label of the file.
	ACTION	Contact your Hewlett-Packard representative.
1021	MESSAGE	BREAK WHILE DOING STORE. (CIWARN 1021)
	CAUSE	A break was entered during the store process.
	ACTION	None. Information only.
1022	MESSAGE	UNEXPECTED SPECIAL CHARACTER IN FILESET. (CIERR 1022)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1025	MESSAGE	ERROR WHEN USING SCRATCH FILE - RESTORE STOPPED. (CIERR 1025)
	CAUSE	An error occurred when using the scratch file during restore.
	ACTION	Reenter the command using a different scratch file.

1026	MESSAGE	ERROR ACCESSING TAPE - RESTORE STOPPED. (CIERR 1026)
	CAUSE	An error occurred accessing the tape during a restore operation.
	ACTION	Clean tape drive and try again.
1027	MESSAGE	UNABLE TO REPORT RESULTS - LIST FILE ERROR. (CIERR 1027)
	CAUSE	An error was encountered on the specified list file.
	ACTION	Correct the list file specification, and reenter the command.
1028	MESSAGE	DISK I/O ERROR - RESTORE STOPPED. (CIERR 1028)
	CAUSE	There is a problem with the disk drive.
	ACTION	Contact your Hewlett-Packard representative.
1029	MESSAGE	UNIDENTIFIED DIRECTORY ERROR - RESTORE STOPPED. (CIERR 1029)
	CAUSE	Same as the message.
	ACTION	Verify the RESTORE device class and number. Then reissue the command.
1030	MESSAGE	CANNOT RESTORE TO VIRTUAL DEVICE. (CIERR 1030)
	CAUSE	Same as the message.
	ACTION	Contact your system manager for the correct device class name.
1031	MESSAGE	INVALID DEVICE CLASS NAME. (CIERR 1031)
1032	MESSAGE	DEVICE CLASS NOT PRESENT ON SYSTEM. (CIERR 1032)

1033	MESSAGE	NO SUCH LOGICAL DEVICE NUMBER IN THE SYSTEM. (CIERR 1033)
	CAUSE	Same as message.
	ACTION	Contact your system manager for the correct LDEV (logical device) number.
1034	MESSAGE	MUST BE A DISK DEVICE. (CIERR 1034)
	CAUSE	Same as the message.
	ACTION	Contact your system manager for the correct LDEV (logical device) number.
1035	MESSAGE	TAPE APPARENTLY NOT A STORE TAPE. (CIERR 1035)
	CAUSE	The tape mounted for the restore operation is not a store tape.
	ACTION	Reenter the RESTORE command making sure the tape used is a store tape.
1036	MESSAGE	OPERATOR UNABLE TO FIND NEXT TAPE VOLUME. (CIERR 1036)
	CAUSE	Same as message.
	ACTION	Verify the tape set, and mount the correct tape.
1037	MESSAGE	LOGICAL DEVICE NUMBER ! NOT AVAILABLE FOR RESTORE. (CIERR 1037)
	CAUSE	Same as the message.
	ACTION	Contact your system manager for the correct LDEV number.
1038	MESSAGE	IMPROPER TAPE FORMAT. (CIERR 1038)
	CAUSE	The specified STORE/RESTORE tape is invalid.
	ACTION	Check the mounted tape for the correct volume.

1039	MESSAGE	NAME OF TAPE TO BE RESTORED IS REQUIRED. (CIERR 1039)
	CAUSE	The RESTORE command was entered without the name of the tape to be restored.
	ACTION	Reenter the RESTORE command making sure the name of the tape to be restored is entered.
1040	MESSAGE	EXPECTED ";" SEPARATING COMMAND OPTIONS. (CIERR 1040)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1041	MESSAGE	DEV OPTION REDUNDANTLY SPECIFIED, LAST USED. (CIWARN 1041)
	CAUSE	The DEV option was specified more than once.
	ACTION	None. Information only. The last DEV option specified is the one used.
1042	MESSAGE	EXPECTED "DEV= [DEVICE NAME]". (CIERR 1042)
	CAUSE	The DEV option was omitted.
	ACTION	Reenter the command making sure the DEV= option is specified.
1043	MESSAGE	EXPECTED DEVICE NAME AFTER "DEV=". (CIERR 1043)
	CAUSE	The DEV= option was specified without a device name.
	ACTION	Reenter the command making sure a device name is specified.

1044	MESSAGE	DEVICE NAME IS MORE THAN 8 CHARACTERS LONG. (CIERR 1044)
	CAUSE	The device name specified with the DEV= option exceeds eight characters.
	ACTION	Reenter the command making sure the device name is less than or equal to eight charaters.
1045	MESSAGE	EMBEDDED NON-ALPHANUMERIC CHARACTER IN DEVICE ID. (CIERR 1045)
	CAUSE	Syntax error.
	ACTION	Reenter the command making sure a valid device name is specified.
1046	MESSAGE	NOT ENOUGH STACK SPACE AVAILABLE FOR RESTORE. (CIERR 1046)
	CAUSE	Same as the message.
	ACTION	Alter the RESTORE file set or try to use the :RUN RESTORE command. Refer to a system utility manual for more information.
1047	MESSAGE	FOPTIONS ON TAPE WRONG - SHOULD BE NOCCTL, UNDEFINED RECORD FORMAT, BINARY, NEW. (CIERR 1047)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1048	MESSAGE	AOPTIONS ON TAPE WRONG - SHOULD BE WAIT, EXCLUSIVE, NO MULTIRECORD, READ ONLY. (CIERR 1048)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.

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1049	MESSAGE	RESTORE TAPE RECORD SIZE MUST BE A MULTIPLE OF 256 WORDS AND BE BETWEEN 256 AND !, INCLUSIVE, FOR THIS DEVICE. (CIERR 1049)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1050	MESSAGE	CAN ONLY RESTORE TAPE OR SERIAL DISC. (CIERR 1050)
	CAUSE	A media other than tape or serial disk was specified with the RESTORE command.
	ACTION	Reenter the command making sure the media specified is a tape or serial disk.
1051	MESSAGE	RESTORE COMMAND LIMITED TO ! PARAMETERS. (CIERR 1051)
	CAUSE	Too many parameters were specified with the RESTORE command.
	ACTION	Check the syntax and reenter the command.
1052	MESSAGE	EXPECTED SEMICOLON AFTER TAPE NAME. (CIERR 1052)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1053	MESSAGE	UNABLE TO USE FILE "SYSLIST" - FORCED TO $STDLIST. (CIERR 1053)
	CAUSE	Same as the message.
	ACTION	None; the message is for information only.

1054	MESSAGE	RESTORE LIMITED TO ! FILESETS OF THE FORM @.@.ACCOUNT. (CIERR 1054)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1055	MESSAGE	LIMITED TO ! FULLY QUALIFIED FILE NAMES. (CIERR 1055)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1056	MESSAGE	LIMITED TO ! FILESETS OF THE FORM @.GROUP OR @.GROUP.ACCT. (CIERR 1056)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1057	MESSAGE	EXPECTED EITHER "," OR ";" TO DELIMIT FILE SET NAMES. (CIERR 1057)
	CAUSE	A comma (,) or semicolon (;) was not used to delimit the file set names.
	ACTION	Reenter the command making sure a comma or semicolon is used to delimit file set names.
1058	MESSAGE	REDUNDANT SPECIFICATION OF "DATE" PARAMETER. (CIWARN 1058)
	CAUSE	The DATE parameter was specified more than once.
	ACTION	None; the message is for information only. The last occurrance of the DATE parameter was used.

1059	MESSAGE	EXPECTED ONE OF "DATE>=" OR "DATE<=". (CIERR 1059)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1060	MESSAGE	STORE RECORD SIZE MUST BE A MULTIPLE OF 256 WORDS AND BE BETWEEN 256 AND !, INCLUSIVE, FOR THIS DEVICE. (CIERR 1060)
	CAUSE	The record size specified is invalid.
	ACTION	Reenter the command making sure the record size specified is valid.
1061	MESSAGE	RESTORE TAPE RECORD SIZE SPECIFIED IS TOO SMALL. TAPE WAS WRITTEN WITH RECORDS OF SIZE ! WORDS. (CIERR 1061)
	CAUSE	Same as message content.
	ACTION	Reenter command making sure the reecord size specified is correct.
1062	MESSAGE	EXPECTED ONE OF "SHOW", "FILES=", "KEEP", "DEV=", OR "OLDDATE". (CIERR 1062)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1063	MESSAGE	UNABLE TO LOCATE FILE EQUATION FOR TAPE FILE. (CIERR 1063)
	CAUSE	A file name was backreferenced with an asterisk (*), but the FILE equation has not been used.
	ACTION	Use the FILE command to create a file equation before attempting tto perform a restore operation.

1064	MESSAGE	THE STORE/RESTORE TAPE FILE CANNOT BE A LABELED TAPE ON A REMOTE TAPE DRIVE. (CIERR 1064)
	CAUSE	The specified tape is a labeled tape on a remote drive.
	ACTION	Do not specify a labeled tape on a remote drive.
1090	MESSAGE	STORE ABORTED BECAUSE OF ERROR (CIERR 1090)
	CAUSE	The specified tape is a labeled tape on a remote drive.
	ACTION	Do not specify a labeled tape on a remote drive.
1091	MESSAGE	RESTORE ABORTED BECAUSE OF ERROR (CIERR 1091)
	CAUSE	The specified tape is a labeled tape on a remote drive.
	ACTION	Do not specify a labeled tape on a remote drive.
1100	MESSAGE	VOLUME SET/CLASS REFERENCE NAME MUST START WITH ALPHA (CIERR 1100)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1101	MESSAGE	VOLUME SET/CLASS REFERENCE NAME CONTAINS SPECIAL CHARACTERS (CIERR 1101)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.

1102	MESSAGE	VOLUME SET/CLASS REFERENCE NAME EXCEEDS 8 CHARACTERS (CIERR 1102)
	CAUSE	The reference name specified exceeds eight characters.
	ACTION	Reenter the command making sure the reference name specified is less than or equal to eight characters.
1103	MESSAGE	VOLUME SET/CLASS REFERENCE REDUNDANTLY SPECIFIED. LAST OCCURRENCE USED (CIWARN 1103)
	CAUSE	The VOLUME SET/CLASS reference was specified more than once.
	ACTION	None. Information only. The last reference name specified was used.
1104	MESSAGE	SPAN KEYWORD OUT OF CONTEXT (CIERR 1104)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1105	MESSAGE	VOLUME SET/CLASS REFERENCE NOT FOUND (CIERR 1105)
	CAUSE	The VOLUME SET/CLASS reference specified was not found.
	ACTION	Reenter the command making sure the VOLUME SET/CLASS reference specified is valid.
1106	MESSAGE	ILLEGAL OPERATION WHILE BOUND TO HOME VOLUME SET (CIERR 1106)
	CAUSE	Same as the message.
	ACTION	Alter the group volume set specification before performing the operation.

1107	MESSAGE	ILLEGAL OPERATION WHILE GROUP FILE DOMAIN NOT EMPTY (CIERR 1107)
	CAUSE	Same as the message.
	ACTION	Alter the group volume set specification before performing the operation.
1108	MESSAGE	VOLUME SET WAS NOT PREVIOUSLY MOUNTED (CIERR 1108)
	CAUSE	The volume set specified was not mounted when the command was issued.
	ACTION	Make sure the volume set is mounted and reenter the command.
1109	MESSAGE	SPAN OPERATION FAILED, BUT HVS ASSIGNMENT PERFORMED (CIWARN 1109)
	CAUSE	Same as the message.
	ACTION	None; the message is for information only.
1110	MESSAGE	LEVEL OF LISTVS NOT INTEGER. (CIERR 1110)
	CAUSE	Same as message content.
	ACTION	Reenter the LISTVS command making sure the level specified is an integer.
1111	MESSAGE	LEVEL OF LISTVS NOT BETWEEN -1 AND 2. (CIERR 1111)
	CAUSE	The level specified with the LISTVS command was not between -1 and 2.
	ACTION	Reenter the LISTVS command making sure the level specified is between -1 and 2.

1112	MESSAGE	LISTVS ,-1 ON THIS REQUIRES SM CAPABILITY. (CIERR 1112)
	CAUSE	User does not have System Manager (SM) capability.
	ACTION	Ask your system manager to assign SM capability to your user name.
1113	MESSAGE	LISTVS, -1 ON THIS REQUIRES AM CAPABILITY. (CIERR 1113)
	CAUSE	User does not have Account Manager (AM) capability.
	ACTION	Ask your system manager to assign AM capability to your user name.
1114	MESSAGE	EXPECTED ";", FOLLOWED BY LIST FILE NAME. (CIERR 1114)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1115	MESSAGE	FILE SYSTEM ERROR ! ENCOUNTERED ON LIST FILE. (CIERR 1115)
	CAUSE	Same as the message.
	ACTION	Refer to the File System error message section.
1116	MESSAGE	UNIDENTIFIABLE VOLUME SET NAME. (CIERR 1116)
	CAUSE	Same as the message.
	ACTION	Verify the volume set name with your system manager.
1117	MESSAGE	ONLY 3 PARAMETERS TO LISTVS. (CIERR 1117)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.

1118	MESSAGE	MAX ALLOWABLE VOLUME SET MEMBERS (8) EXCEEDED. (CIERR 1118)
	CAUSE	Same as message content.
	ACTION	Reenter the command making sure that the number of volume set members specified is less than or equal to eight.
1119	MESSAGE	DUPLICATE VOLUME SET MEMBER WAS SPECIFIED. (CIERR 1119)
	CAUSE	A volume set member name was specified more than once.
	ACTION	Reenter the command making sure the volume set member names are specified once only.
1120	MESSAGE	DUPLICATE VOLUME CLASS MEMBER WAS SPECIFIED. (CIERR 1120)
	CAUSE	A volume class member name was specified more than once.
	ACTION	Reenter the command making sure the volume class member names are specified once only.
1121	MESSAGE	SPECIFIED VSNAME IS NOT A SET DEFINITION ENTRY. (CIERR 1121)
	CAUSE	Same as the message.
	ACTION	Verify the volume set name with your system manager.
1122	MESSAGE	SPECIFIED VCNAME IS NOT A CLASS DEFINITION ENTRY. (CIERR 1122)
	CAUSE	Same as the message.
	ACTION	Verify the vcname with your system manager.
1123	MESSAGE	SPAN OPERATION FAILED. (CIERR 1123)
	CAUSE	Same as the message.

1125	MESSAGE	SPAN PARAMETER NOT OPTIONAL IN THIS CONTEXT. VS PARAMETER IGNORED. (CIWARN 1125)
	CAUSE	Same as message content.
	ACTION	Information only.
1126	MESSAGE	ERRORS WHILE ACCESSING PRIVATE VOLUME SETS: (CIERR 1126)
	CAUSE	Same as message content.
	ACTION	Reenter the command.
1127	MESSAGE	DATA-SEGMENT NOT AVAILABLE -- RETRY COMMAND (CIERR 1127)
	CAUSE	Same as message content.
	ACTION	Reenter the command.
1128	MESSAGE	INSUFFICIENT VIRTUAL DISK SPACE -- RETRY COMMAND (CIERR 1128)
	CAUSE	Same as message content.
	ACTION	Reenter the command.
1129	MESSAGE	TOO MANY VOLUME SETS ACCESSED (CIERR 1129)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1130	MESSAGE	SYSTEM ERROR -- REPORT TO SYSTEM MANAGER (CIERR 1130)
	CAUSE	Internal error.
	ACTION	Notify your system manager.
1150	MESSAGE	THE VS= PARAMETER IS NO LONGER SUPPORTED. (CIWARN 1150)
	CAUSE	Same as the message.
	ACTION	None; the message is for information only.

1151	MESSAGE	ONVS SUPERCEDES HOMEVS. (CIWARN 1151)
	CAUSE	Same as message content.
	ACTION	Information only.
1152	MESSAGE	THE HOMEVS= PARAMETER IS NOT ALLOWED. (CIWARN 1152)
	CAUSE	Same as message content.
	ACTION	Information only.
1153	MESSAGE	THE VS= PARAMETER IS NOT ALLOWED. (CIERR 1153)
	CAUSE	Same as message content.
	ACTION	Reenter the command without the VS= parameter.
1154	MESSAGE	THE ONVS PARAMETER IS NOT ALLOWED WITH USER. (CIWARN 1154)
	CAUSE	Same as the message.
	ACTION	None; the message is for information only.
1155	MESSAGE	THE VS NAME IS TOO LONG. (CIERR 1155)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1156	MESSAGE	EXTRA DELIMITER HAS BEEN IGNORED. (CIWARN 1156)
	CAUSE	Syntax error.
	ACTION	None. Information only.
1157	MESSAGE	EXPECTED ;PASS. (CIERR 1157)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.

1158	MESSAGE	PASS HAS BEEN SPECIFIED MORE THAN ONCE. (CIWARN 1158)
	CAUSE	Same as message content.
	ACTION	None. Information only.
1159	MESSAGE	ONVS HAS BEEN SPECIFIED MORE THAN ONCE. (CIWARN 1159)
	CAUSE	Same as message content.
	ACTION	None. Information only.
1160	MESSAGE	CV CAPABILITY REQUIRED TO USE ONVS=. (CIERR 1160)
	CAUSE	User does not have Create Volumes (CV) capability.
	ACTION	Ask your system manager to assign CV capability to your user name.
1161	MESSAGE	CV CAPABILITY REQUIRED TO USE HOMEVS= PARAMETER. (CIERR 1161)
	CAUSE	User does not have Create Volumes (CV) capability.
	ACTION	Ask your system manager to assign CV capability to your user name.
1201	MESSAGE	PASSWORD LENGTH > 8 CHARACTERS (CIERR 1201)
	CAUSE	The password specified is longer than 8 characters.
	ACTION	Reenter the command making sure the password length is less than or equal to 8 characters.
1202	MESSAGE	EXPECTED PASSWORD (CIERR 1202)
	CAUSE	The password was ommitted.
	ACTION	Reenter the command making sure the password is included.

1203	MESSAGE	EXPECTED EQUAL (=) SIGN (CIERR 1203)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1204	MESSAGE	EXPECTED 'DISC', 'TAPE', 'SDISC', OR 'CTAPE' (CIERR 1204)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1205	MESSAGE	EXPECTED COMMA FOLLOWED BY 'DISC','TAPE','SDISC' OR 'CTAPE' (CIERR 1205)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1206	MESSAGE	NON EXISTENT LOGGING IDENTIFIER. (CIWARN 1206)
	CAUSE	Same as message content.
	ACTION	None. Information only.
1207	MESSAGE	DUPLICATE LOGGING IDENTIFIER (CIERR 1207)
	CAUSE	You made a syntax error.
	ACTION	Check the syntax and reenter the command.
1208	MESSAGE	ILLEGAL TAPE FILE NAME (CIERR 1208)
	CAUSE	The tape file name specified is not valid.
	ACTION	Reenter the command specifying a valid tape file name.

1209	MESSAGE	LOGGING PROCESS FOR LOGGING IDENTIFIER IS BUSY (CIWARN 1209)
	CAUSE	Same as message content.
	ACTION	None. Information only.
1210	MESSAGE	MAX LOGGING IDENTIFIERS EXCEEDED (CIERR 1210)
	CAUSE	Same as message content.
	ACTION	Check the syntax and reenter the command.
1211	MESSAGE	ONLY VALID KEYWORDS ARE "LOG", "PASS", "AUTO", AND "NOAUTO" (CIERR 1211)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1212	MESSAGE	COMMAND MUST BE ISSUED BY CREATOR OF IDENTIFIER. (CIERR 1212)
	CAUSE	The command was entered by someone other than the creator of the identifier.
	ACTION	Log on as the user who was a creator, then reissue the command.
1213	MESSAGE	EXPECTED FILE NAME. (CIERR 1213)
	CAUSE	A file name was expected but not included in the command entry.
	ACTION	Reenter the command making sure the file name is included.
1215	MESSAGE	EXPECTED LOGFILE NAME (CIERR 1215)
	CAUSE	A logfile name was expected but not included in the command entry.
	ACTION	Reenter the command making sure the logfile name is included.

1216	MESSAGE	CHANGELOG ALREADY PENDING FOR LOGID (CIERR 1216)
	CAUSE	Same as the message.
	ACTION	None; the message is for information only.
1217	MESSAGE	DATA SEGMENT IS ALREADY RELEASED (CIERR 1217)
	CAUSE	Same as the message.
	ACTION	None; the message is for information only.
1219	MESSAGE	INVALID STATE OF LOG PROCESS FOR CHANGELOG - PROCESS IS STOPPING, RECOVERING, OR INITIALIZING (CIERR 1219)
	CAUSE	Same as the message.
	ACTION	None; the message is for information only.
1222	MESSAGE	ONLY VALID PARAMETER IS "DEV=" (CIERR 1222)
	CAUSE	A parameter other than DEV= was entered.
	ACTION	Reenter the command using only DEV= as a parameter.
1223	MESSAGE	ERROR PERFORMING CHANGELOG (CIERR 1223)
	CAUSE	Same as the message.
1225	MESSAGE	EXPECTED LOGGING IDENTIFIER NAME (CIERR 1225)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.

1226	MESSAGE	LOGGING IDENTIFIER LENGTH > 8 CHARACTERS (CIERR 1226)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command making sure the logging identifier length is less than or equal to eight characters..
1227	MESSAGE	NO SPECIAL CHARACTERS ALLOWED HERE (CIERR 1227)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1229	MESSAGE	COMMAND HAS ONLY ONE PARAMETER (CIERR 1229)
	CAUSE	Too many parameters specified.
	ACTION	Check the syntax and reenter the command.
1230	MESSAGE	NO LOGGING PROCESS CURRENTLY RUNNING (CIWARN 1230)
	CAUSE	Same as message content.
	ACTION	None. Information only.
1231	MESSAGE	NO LOGGING IDENTIFIERS ASSIGNED (CIWARN 1231)
	CAUSE	Same as message content.
	ACTION	None. Information only.
1232	MESSAGE	LOGGING PROCESS NOT CURRENTLY RUNNING. (CIERR 1232)
	CAUSE	Same as message content.
	ACTION	None; the message is for information only.

1233	MESSAGE	EXPECTED "PASS" KEYWORD (ULOGERR 1233)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1234	MESSAGE	ONLY THE CREATOR CAN USE THIS PARAMETER (ULOGMSG 1234)
	CAUSE	The user is not the creator of the file.
	ACTION	Log on as the creator of the log file.
1250	MESSAGE	LOGFILE MUST RESIDE IN THE LOGON GROUP AND ACCOUNT (ULOGERR 1250)
	CAUSE	Same as the message.
	ACTION	None; the message is for information only.
1251	MESSAGE	EXTRANEOUS PARAMETER (CIERR 1251)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1252	MESSAGE	THIS KEYWORD ALREADY SPECIFIED (CIERR 1252)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1253	MESSAGE	EXPECTED A SEMI-COLON FOR THE DELIMITER. (CIERR 1253)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.

1254	MESSAGE	EXPECTED "," FOLLOWED BY "START","RESTART" OR "STOP" (CIERR 1254)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1255	MESSAGE	EXPECTED ONE OF PASS, CAP, MAXPRI, LOCATTR, HOME, USERPASS. (CIERR 1255)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1256	MESSAGE	EXPECTED ONE OF PASS, FILES, CPU, CONNECT, CAP, ACCESS, MAXPRI, LOCATTR, ONVS, HOMEVS. (CIERR 1256)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1257	MESSAGE	EXPECTED ONE OF PASS, CPU, FILES, CONNECT, ACCESS, ONVS, HOMEVS. (CIERR 1257)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1258	MESSAGE	EXPECTED ONE OF ALT, SPAN, "BLANK". (CIERR 1258)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.

1259	MESSAGE	THIS VERSION OF THE UTILITY IS INCOMPATIBLE WITH THE CURRENT MPE VERSION ON THIS SYSTEM. (CIERR 1259)
	CAUSE	Same as message content.
	ACTION	Notify your system manager.
1300	MESSAGE	REMOTE JOBS ARE NOT ALLOWED !. (CIERR 1300)
	CAUSE	Same as the message.
	ACTION	None; the message is for information only.
1301	MESSAGE	DSLINE CANNOT CONTAIN BOTH OPEN AND CLOSE. (CIERR 1301)
	CAUSE	You made a syntax error.
	ACTION	Check the syntax and reenter the command.
1302	MESSAGE	DSLINE REQUIRES AT LEAST ONE PARAMETER. (CIERR 1302)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the DSLINE command.
1303	MESSAGE	DSNUMBER SPECIFICATION MUST BE A NUMBER FROM 1 THRU 255. (CIERR 1303)
	CAUSE	The DSNUMBER specification was less than 1 or greater than 255.
	ACTION	Reenter the command making sure the DSNUMBER specification is between 1 and 255.
1304	MESSAGE	DSLINE #L! DOES NOT IDENTIFY AN OPEN DS LINE. (CIERR 1304)
	CAUSE	The DSLINE number specified is not an open DS line.
	ACTION	Reenter the command specifying a valid open DS line.

1305	MESSAGE	EXPECTED LINEBUF, PHNUM, LOCID, REMID, OPEN, CLOSE, QUIET, COMP, NOCOMP OR EXCLUSIVE. (CIERR 1305)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1306	MESSAGE	MULTIPLE USE OF ! IS NOT ALLOWED. (CIERR 1306)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1307	MESSAGE	THE SYNTAX FOR ! REQUIRES AN = SIGN FOLLOWED BY DATA. (CIERR 1307)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1308	MESSAGE	PHNUM IS 1 TO 30 DIGITS AND DASHES. (CIERR 1308)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1309	MESSAGE	! LIST CAN CONTAIN ONLY ONE ELEMENT. (CIERR 1309)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1310	MESSAGE	THE SPECIFIED LOGICAL DEVICE IS NOT OPEN. (CIERR 1310)
	CAUSE	The logical device specified is not open.
	ACTION	Reenter the command making sure the logical device specified is open.

1311	MESSAGE	THE FIRST CHARACTER OF AN ID SEQUENCE MUST BE A " OR A ((CIERR 1311)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1312	MESSAGE	THE ID SEQUENCE MUST TERMINATE WITH A). (CIERR 1312)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1313	MESSAGE	THE ID SEQUENCE MUST TERMINATE WITH A ". (CIERR 1313)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1314	MESSAGE	A NUMERIC ID SEQUENCE ELEMENT MUST BE 1 THRU 255 (OR 377). (CIERR 1314)
	CAUSE	The numeric id sequence element was not a valid value.
	ACTION	Reenter the command making sure the numeric id sequence is within the range of 1 to 255 or is equal to 377.
1315	MESSAGE	LINEBUF MUST BE A NUMERIC VALUE FROM 304 THRU 4096. (CIERR 1315)
	CAUSE	The LINEBUF value entered is not within the valid range of 304 to 4096.
	ACTION	Reenter the command making sure the LINEBUF value entered is within the range of 304 to 4096.

1316	MESSAGE	UNABLE TO COMPLETE THE REMOTE COMMAND. (CIERR 1316)
	CAUSE	Same as the message.
	ACTION	Retry the operation.
1317	MESSAGE	NOT A CURRENTLY AVAILABLE DSLINE. (CIERR 1317)
	CAUSE	The line specified with the DSLINE command is not available.
	ACTION	Reenter the DSLINE command making sure that an available line is specified.
1318	MESSAGE	USE OF EXCLUSIVE REQUIRES BOTH ND AND CS CAPABILITY. (CIERR 1318)
	CAUSE	User does not have Access to nonsharable I/O devices (ND) and Create Volumes (CV) capabilities.
	ACTION	Ask your system manager to assign ND and CV capabilities to your user name.
1319	MESSAGE	THE DS LINE #L! IS IN USE BY A PROGRAM OR SUBSYSTEM AND CANNOT BE CLOSED. (CIERR 1319)
	CAUSE	A request to close a DS line was issued for a line in use by another program or subsystem.
	ACTION	None; the message is for information only.
1320	MESSAGE	EXPECTED A RESPONSE OF YES, Y, NO OR N. (CIERR 1320)
	CAUSE	The response entered was not "YES", "Y", "NO" or "N".
	ACTION	Enter a response of "YES", "Y", "NO" or "N".

1321	MESSAGE	UNABLE TO OPEN THE DS LINE ON DEVICE !. (CIERR 1321)
	CAUSE	Same as the message.
	ACTION	Check with your system manager.
1322	MESSAGE	@ IS INVALID IN THIS CONTEXT. (CIERR 1322)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1323	MESSAGE	A DSLINE OPEN REQUIRES A VALID DS DEVICE NAME AS THE FIRST PARAMETER. (CIERR 1323)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1324	MESSAGE	FROM ADDRESS MUST BE BETWEEN 1 AND 15 CHARACTERS INCLUSIVE. (CIERR 1324)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1325	MESSAGE	TO ADDRESS MUST BE BETWEEN 1 AND 15 CHARACTERS INCLUSIVE. (CIERR 1325)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1326	MESSAGE	FROM AND TO ADDRESS MUST BE A DECIMAL NUMBER. (CIERR 1326)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.

1350	MESSAGE	INVALID OPTION SPECIFIED. MUST BE ONE OF: STATUS, ALLOCATE, AUTO, ALL. (CIERR 1350)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1351	MESSAGE	EXTRA PARAMETER SPECIFIED. COMMAND IGNORED. (CIERR 1351)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1389	MESSAGE	INVALID OR MISSING DELIMITER FOR SELECTION SIGNAL SEQUENCE. (CIERR 1389)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1390	MESSAGE	SELECTION SIGNAL SEQUENCE MUST BE FROM 1 TO 30 CHARACTERS. (CIERR 1390)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1391	MESSAGE	BOTH QUEUE AND NOQUEUE SPECIFIED; NOQUEUE USED. (CIWARN 1391)
	CAUSE	Same as message content.
	ACTION	None. Information only.
1392	MESSAGE	ONLY ! WORDS WERE ALLOCATED FOR THE LINE BUFFER. (CIWARN 1392)
	CAUSE	Same as message content.
	ACTION	None. Information only.

1393	MESSAGE	COMPRESSION REQUEST NOT HONORED. REMOTE DOES NOT SUPPORT THIS FEATURE. (CIWARN 1393).
	CAUSE	Same as message content.
	ACTION	None. Information only.
1394	MESSAGE	COMPRESSION PARAMETER RESPECIFIES AND OVERRIDES PREVIOUS COMPRESSION PARAMETER. (CIWARN 1394)
	CAUSE	Same as message content.
	ACTION	None. Information only.
1395	MESSAGE	OPEN PARAMETERS ENTERED ON A CLOSE REQUEST ARE IGNORED. (CIERR 1395)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1396	MESSAGE	AN ID LIST MUST CONTAIN 255 OR LESS ELEMENTS. (CIWARN 1396)
	CAUSE	Same as message content.
	ACTION	None. Information only.
1397	MESSAGE	AN UNNECESSARY DELIMITER IS IGNORED. (CIWARN 1397)
	CAUSE	Syntax error.
	ACTION	None. Information only.
1398	MESSAGE	THERE ARE NO DS LINES OPEN. (CIWARN 1398)
	CAUSE	Same as message content.
	ACTION	Reenter the command when there are DS lines open.

1399	MESSAGE	MULTIPLE USE OF ! IS REDUNDANT AND IGNORED. (CIWARN 1399)
	CAUSE	Syntax error.
	ACTION	None. Information only.
1400	MESSAGE	WRONG DEVICE PASSWORD: ACCESS DENIED. (CIERR 1400)
	CAUSE	Syntax error.
	ACTION	Reenter the command making sure the correct device password is specified.
1401	MESSAGE	COMMAND IMAGE TOO LONG, MAXIMUM 243 CHARACTERS. (CIERR 1401)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1402	MESSAGE	EXPECTED HELLO, :JOB, :DATA, OR (CMD) AS LOGON. (CIERR 1402)
	CAUSE	An incorrect logon was entered.
	ACTION	Reenter the command using a correct logon.
1403	MESSAGE	LOGON DEVICE WON'T ALLOW THIS COMMAND. (CIERR 1403)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1404	MESSAGE	WARNING: LINES PRECEDING :JOB/:DATA WERE IGNORED. (CIWARN 1404)
	CAUSE	Same as message content.
	ACTION	None. Information only.

1405	MESSAGE	WARNING: EXPECTED :JOB OR :DATA. LINE IGNORED. (CIWARN 1405)
	CAUSE	Syntax error.
	ACTION	None. Information only.
1406	MESSAGE	WARNING: NO :JOB OR :DATA COMMAND ENCOUNTERED. (CIWARN 1406)
	CAUSE	Same as message content.
	ACTION	None. Information only.
1407	MESSAGE	WARNING: LINES PRECEDING :EOF WERE IGNORED (CIWARN 1407)
	CAUSE	Same as message content.
	ACTION	None. Information only.
1408	MESSAGE	TOO MANY FAILED ATTEMPTS, THIS DEVICE IS NOW DISCONNECTED.
	CAUSE	Same as message content.
	ACTION	None. Information only.
1411	MESSAGE	IDD FULL. CAN'T LOGON. SEE SYSTEM MANAGER. (CIERR 1411)
	CAUSE	Same as message content.
	ACTION	Notify your system manager.
1412	MESSAGE	JMAT FULL. CAN'T LOGON. SEE SYSTEM MANAGER. (CIERR 1412)
	CAUSE	Same as message content.
	ACTION	Notify your system manager.
1413	MESSAGE	CILOG TABLE FULL. CAN'T LOGON. SEE SYSTEM MANAGER. (CIERR 1413)
	CAUSE	Same as message content.
	ACTION	Notify your system manager.

1421	MESSAGE	(COMMAND) LOGON IS MISSING RIGHT PARENTHESIS. (CIERR 1421)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1422	MESSAGE	(COMMAND) LOGON IS MISSING LEFT PARENTHESIS. (CIERR 1422)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1423	MESSAGE	EXPECTED JOB NAME. (CIERR 1423)
	CAUSE	Same as message content.
	ACTION	Reenter the command with a job name.
1424	MESSAGE	EXPECTED [SESSION NAME,] USER.ACCT [,GROUP] (CIERR 1424)
	CAUSE	The session name, user name, account, and group were omitted.
	ACTION	Provide a valid session name, user name, account, and group with this command.
1425	MESSAGE	EXPECTED USER PASSWORD. (CIERR 1425)
	CAUSE	The user password was omitted.
	ACTION	Provide a valid password with this command.
1426	MESSAGE	EXPECTED ACCOUNT NAME. (CIERR 1426)
	CAUSE	The account name was omitted.
	ACTION	Provide a valid account name with this command.

1427	MESSAGE	EXPECTED ACCOUNT PASSWORD. (CIERR 1427)
	CAUSE	The account password was omitted.
	ACTION	Provide a valid account password with this command.
1428	MESSAGE	EXPECTED FILE NAME. (CIERR 1428)
	CAUSE	No file name was specified.
	ACTION	Provide a valid file name with this command.
1429	MESSAGE	EXPECTED GROUP NAME. (CIERR 1429)
	CAUSE	The group name was omitted.
	ACTION	Provide a valid group name with this command.
1430	MESSAGE	EXPECTED GROUP PASSWORD. (CIERR 1430)
	CAUSE	The group password was omitted.
	ACTION	Provide a valid group password with this command.
1431	MESSAGE	USER NEEDS IA CAPABILITY FOR SESSIONS. (CIERR 1431)
	CAUSE	You do not have interactive access (IA) capability.
	ACTION	Ask your account manager to assign IA capability to the user.
1432	MESSAGE	USER NEEDS BA CAPABILITY FOR JOBS. (CIERR 1432)
	CAUSE	User does not have batch access (BA) capability.
	ACTION	Ask your account manager to assign BA capability to your user name.

1433	MESSAGE	PARAMETERS ARE NOT ALLOWED FOR :DATA. (CIERR 1433)
	CAUSE	Parameters specified are not allowed with the DATA command.
	ACTION	The DATA command only allows the job/sessionname, username/password, accountname/password, and filename parameters.
1434	MESSAGE	FIRST CHARACTER IN NAME NOT ALPHABETIC. (CIERR 1434)
	CAUSE	The first character in an MPE/iX name must begin with an alphabetic character.
	ACTION	Specify name that begins with an alphabetic character
1435	MESSAGE	NAME GREATER THAN 8 CHARACTERS LONG. (CIERR 1435)
	CAUSE	Name contains more than eight characters.
	ACTION	Specify a name that contains no more than eight characters.
1436	MESSAGE	ACCT/USER EXIST, GROUP NAME DOESN'T. (CIERR 1436)
	CAUSE	The group name provided does not exist in the account.
	ACTION	Provide a valid group name.
1437	MESSAGE	NON-EXISTENT ACCOUNT. (CIERR 1437)
	CAUSE	The account name provided does not exist on the system.
	ACTION	Provide a valid account name.

1438	MESSAGE	ACCT EXISTS, USER NAME DOESN'T. (CIERR 1438)
	CAUSE	The user name provided does not exist within the specified account.
	ACTION	Provide a valid user name for this account.
1439	MESSAGE	ACCT/USER EXIST, NO HOME GROUP FOR USER. (CIERR 1439)
	CAUSE	You are not assigned a home group.
	ACTION	You must specify a valid group name when logging on if you are not assigned a home group.
1441	MESSAGE	INCORRECT PASSWORD. (CIERR 1441)
	CAUSE	The password provided was incorrect.
	ACTION	Provide a valid password.
1442	MESSAGE	ACCOUNT OUT OF CPU TIME. (CIERR 1442)
	CAUSE	Account has used all available CPU-time.
	ACTION	Ask your system manager to increase the amount of CPU-time allowed this account.
1443	MESSAGE	WARNING: ACCOUNT OUT OF CPU TIME. (CIWARN 1443)
	CAUSE	Account has used all available CPU-time.
	ACTION	Ask your account manager to increase the amount of CPU-time allowed this account.
1444	MESSAGE	MISSING PASSWORD. (CIERR 1444)
	CAUSE	The password was not supplied.
	ACTION	Provide a valid password.

1445	MESSAGE	GROUP OUT OF CPU TIME. (CIERR 1445)
	CAUSE	Group has used all available CPU-time.
	ACTION	Ask your account manager to increase the amount of CPU-time allowed this group.
1446	MESSAGE	WARNING: GROUP OUT OF CPU TIME. (CIWARN 1446)
	CAUSE	Group has used all available CPU-time.
	ACTION	Ask your account manager to increase the amount of CPU-time allowed this group.
1447	MESSAGE	ACCOUNT NEEDS IA CAPABILITY FOR SESSIONS. (CIERR 1447)
	CAUSE	This account does not have interactive access (IA) capability.
	ACTION	Ask your system manager to assign IA capability to this account.
1448	MESSAGE	ACCOUNT NEEDS BA CAPABILITY FOR JOBS. (CIERR 1448)
	CAUSE	Account is not assigned batch access (BA) capability.
	ACTION	Ask your system manager to assign BA capability to this account.
1449	MESSAGE	PASSWORD PROMPTS ARE REQUIRED, EMBEDDED PASSWORDS ARE NOT ALLOWED. (CIERR 1449)
	CAUSE	Same as message.
	ACTION	Remove embedded passwords.
1451	MESSAGE	IGNORED DELIMITER. (CIWARN 1451)
	CAUSE	A specified delimiter was not required and ignored by the system.
	ACTION	None.

1452	MESSAGE	UNKNOWN KEYWORD. EXPECTED ONE OF TERM, PRI, TIME, INPRI, HIPRI, OUTCLASS, RESTART. (CIWARN 1452)
	CAUSE	The specified keyword is not recognized by the JOB command.
	ACTION	Use only valid keywords with this command
1453	MESSAGE	NO "=" AFTER HIPRI OR RESTART. (CIWARN 1453)
	CAUSE	Syntax error.
	ACTION	Check syntax and reenter the command.
1454	MESSAGE	EXPECTED "= 'VALUE' " AFTER KEYWORD, IGNORED. (CIWARN 1454)
	CAUSE	The equal sign (=) and a value were expected to follow the keyword but were omitted.
	ACTION	Enter both the equal sign (=) and a value for the keyword.
1455	MESSAGE	DUPLICATE KEY WORD, PREVIOUS VALUE IGNORED. (CIWARN 1455)
	CAUSE	A keyword was specified more than once with this command duplicated. The last value specified will be used.
	ACTION	Enter the keyword only once using the desired value.
1456	MESSAGE	EXPECTED INTEGER VALUE; (1-13 FOR INPRI AND OUTPRI, AND 1-127 FOR NUMCOPIES). DEFAULT USED (CIWARN 1456)
	CAUSE	The values specified for INPRI/OUTPRI and NUMCOPIES were not within the allowable ranges. The default values (8 for INPRI/OUTPRI and 1 for NUMCOPIES) will be used.
	ACTION	If you want to specify values other than the default reenter the command.

1457	MESSAGE	TERM VALID FOR SESSIONS AND INTERACTIVE JOBS ONLY, DEFAULT USED. (CIWARN 1457)
	CAUSE	TERM may only be specified for sessions and interactive jobs.
	ACTION	Check with your system supervisor to determine what default value was specified for TERM during system configuration.
1458	MESSAGE	INVALID TERMINAL TYPE, IGNORED. (CIWARN 1458)
	CAUSE	The terminal type specified was incorrect and ignored by the system.
	ACTION	Check with your system manager to determine what terminal types are valid to specify.
1459	MESSAGE	EXPECTED ONE OF BS, CS, DS, OR ES. DEFAULT USED. (CIWARN 1459)
	CAUSE	You did not specify an execution priority queue with the PRI= keyword. The default value (DS) was used.
	ACTION	If you want an execution priority queue other than DS reenter the command and specify another value.
1460	MESSAGE	MUST HAVE 'SM' OR 'OP' CAP. TO SPECIFY HIPRI, MAXIMUM INPRI OF 13 IS USED. (CIWARN 1460)
	CAUSE	You do not have system manager (SM) or system supervisor (OP) capability. The jobfence was set to 12 or less or the job limit was exceeded and you were denied access to the system.
	ACTION	Ask your system supervisor to lower the jobfence.

1461	MESSAGE	HIPRI PREVIOUSLY SPECIFIED, INPRI VALUE USED. (CIWARN 1461)
	CAUSE	Same as message.
	ACTION	None; the message is for information only.
1462	MESSAGE	LOWEST INPRI VALUE IS 1, 1 USED. (CIWARN 1462)
	CAUSE	Value specified for INPRI was less than 1.
	ACTION	If you want an INPRI value greater than 1 specify the new value.
1463	MESSAGE	HIGHEST INPRI VALUE IS 13, 13 USED. (CIWARN 1463)
	CAUSE	The value specified for INPRI exceeded 13.
	ACTION	If you want an INPRI value less than 13 specify the new value.
1464	MESSAGE	INPRI PREVIOUSLY SPECIFIED, HIPRI VALUE USED. (CIWARN 1464)
	CAUSE	Same as message.
	ACTION	None; the message is for information only.
1465	MESSAGE	OUTCLASS VALID FOR JOBS ONLY, IGNORED. (CIWARN 1465)
	CAUSE	Same as message.
	ACTION	None; the message is for information only.
1466	MESSAGE	INV. OUTCLASS-EXPECT CLASS NAME OR LDEV; DEFAULT USED. (CIWARN 1466)
	CAUSE	Same as message.
	ACTION	None; the message is for information only.

1467	MESSAGE	MUST HAVE ND CAP. TO SPECIFY OUTCLASS. (CIWARN 1467)
	CAUSE	Same as message.
	ACTION	Ask the system manager to assign the ND capability to your user.
1468	MESSAGE	LOWEST OUTPRI IS 1, 1 USED. (CIWARN 1468)
	CAUSE	A value of less than 1 was specified for OUTPRI and the system will default to the value of 1.
	ACTION	If you want an OUTPRI value greater than 1 specify the new value.
1469	MESSAGE	HIGHEST OUTPRI IS 13, 13 USED. (CIWARN 1469)
	CAUSE	A value of more than 13 was specified for OUTPRI and the system will default to the value of 13.
	ACTION	If you want an OUTPRI value less than 13 specify the new value.
1470	MESSAGE	EXPECTED INT. BETWEEN 1 AND 127 FOR NUMCOPIES. (CIWARN 1470)
	CAUSE	The value specified for NUMCOPIES was not with the allowable range of 1 to 127.
	ACTION	Specify a value of between 1 and 127 for NUMCOPIES.
1471	MESSAGE	127 IS MAX. NUMBER OF COPIES, 127 USED. (CIWARN 1471)
	CAUSE	The value specified for number of copies was more than 127 and the system defaults to 127.
	ACTION	If you want more than 127 copies you will have to enter more than once.

1472	MESSAGE	OUTCLASS ONLY HAS 3 PARAMETERS: [DEVICE][,OUTPRI][,NUMCOPIES]. EXTRA PARAMETER IGNORED. (CIWARN 1472)
	CAUSE	The parameter specified was not valid with the OUTCLASS keyword.
	ACTION	Use only the DEVICE, OUTPRI, or NUMCOPIES parameters with the OUTCLASS keyword.
1473	MESSAGE	RESTART FOR JOBS ONLY, IGNORED. (CIWARN 1473)
	CAUSE	Same as message.
	ACTION	None; the message is for information only.
1475	MESSAGE	GROUP PASSWORD SPECIFIED BUT NOT REQUIRED; IGNORED. (CIWARN 1475)
	CAUSE	The group password specified was not required and was ignored by the system.
	ACTION	None.
1476	MESSAGE	ACCOUNT PASSWORD SPECIFIED BUT NOT REQUIRED; IGNORED. (CIWARN 1476)
	CAUSE	The account password specified was not required and was ignored by the system.
	ACTION	None.
1477	MESSAGE	USER PASSWORD SPECIFIED BUT NOT REQUIRED; IGNORED. (CIWARN 1477)
	CAUSE	The user password specified was not required and was ignored by the system.
	ACTION	None.

1478	MESSAGE	INVALID OUTCLASS DEVICE TYPE, DEFAULT USED. (CIWARN 1478)
	CAUSE	The device type specified was not a valid LDEV number of device class name and the default will be used.
	ACTION	Check with your system manager to determine what default was assigned to outclass device type during system configuration.
1479	MESSAGE	EXPECT INTEGER BETWEEN 1 AND 32767, "?", OR "UNLIM",DEFAULT OF UNLIMITED TIME IS USED. (CIWARN 1479)
	CAUSE	The TIME parameter of the HELLO command was not given a value and the default of unlimited time will be used.
	ACTION	If you want to limit the amount of time allowed for logging on specify a valid value.
1480	MESSAGE	MINIMUM NUMBER OF COPIES IS 1, 1 USED. (CIWARN 1480)
	CAUSE	The number of copies specified was less than 1 and 1 copy will be printed.
	ACTION	If you want more than one copy specify the new value.
1481	MESSAGE	EXPECTED INTEGER VALUE BETWEEN 1-14. DEFAULT USED. (CIWARN 1481)
	CAUSE	The value specified was not within the allowable range of from 1 to 14, and the default was used.
	ACTION	To specify a value other than the default specify a value from between 1 and 14.

1482	MESSAGE	NUMBER OF COPIES MUST BE INTEGER BETWEEN 1-127. (CIWARN 1482)
	CAUSE	The value specified was not within the allowable range of from between 1 and 127.
	ACTION	Enter a valid value in the range between 1 and 127.
1491	MESSAGE	ACCOUNT OUT OF CONNECT TIME. (CIERR 1491)
	CAUSE	Account has used all available CPU-time.
	ACTION	Ask your system manager to increase the amount of CPU-time allowed this account.
1492	MESSAGE	WARNING: ACCOUNT OUT OF CONNECT TIME. (CIWARN 1492)
	CAUSE	Account has used all available CPU-time.
	ACTION	Ask your system manager to increase the amount of CPU-time allowed this account.
1493	MESSAGE	GROUP OUT OF CONNECT TIME. (CIERR 1493)
	CAUSE	Group has used all available CPU-time.
	ACTION	Ask your account manager to increase the amount of CPU-time allowed this group.
1494	MESSAGE	WARNING: GROUP OUT OF CONNECT TIME. (CIWARN 1494)
	CAUSE	Group has used all available CPU-time.
	ACTION	Ask your account manager to increase the amount of CPU-time allowed this group.

1495	MESSAGE	UNABLE TO OPEN LIST FILE. (CIERR 1495)
	CAUSE	List file was not found on the system.
	ACTION	Provide a valid name for list file.
1496	MESSAGE	LIST FILE SHOULD BE LAST PARAMETER OF THE COMMAND. (CIERR 1496)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1497	MESSAGE	UNABLE TO CLOSE LIST FILE. (CIERR 1497)
	CAUSE	Same as the message.
	ACTION	Retry the command using a different list file name.
1498	MESSAGE	NOWAIT OPTION IS ONLY VALID WHEN USING STARTSESS. (CIWARN 1498)
	CAUSE	The NOWAIT parameter was specified with a command other than STARTSESS.
	ACTION	Do not specify NOWAIT with this command.
1499	MESSAGE	MUST HAVE SM CAPABILITY TO START A SESSION ON THE CONSOLE WITH THE "NOWAIT" OPTION. NOWAIT SPECIFICATION IGNORED. (CIWARN 1499)
	CAUSE	Same as the message.
	ACTION	None; the message is for information only.

1500	MESSAGE	INAPPROPRIATE TO SPECIFY STATUS WHEN OTHER PARAMETERS PRESENT; STATUS REQUEST IGNORED. (CIERR 1500)
	CAUSE	You cannot specify STATUS with other parameters.
	ACTION	Specify only the STATUS parameter to display this information.
1501	MESSAGE	UNKNOWN PARAMETER TO SHOWJOB. (CIERR 1501)
	CAUSE	Parameter specified is not valid with the SHOWJOB command.
	ACTION	Specify only valid parameters with the SHOWJOB command.
1502	MESSAGE	EXPECTED JOB IDENTIFICATION. (CIERR 1502)
	CAUSE	When you specify #J you must specify a job identification number.
	ACTION	Specify a valid job identification number.
1503	MESSAGE	EXPECTED JUST "@S". (CIERR 1503)
	CAUSE	More than just the @S parameter was specified.
	ACTION	To obtain information for sessions specify the @S parameter.
1504	MESSAGE	EXPECTED JUST "@J". (CIERR 1504)
	CAUSE	More than just the @J parameter was specified.
	ACTION	To obtain information for jobs specify only the @J parameter.

1505	MESSAGE	EXPECTED EITHER "@S" OR "@J". (CIERR 1505)
	CAUSE	To obtain information for either sessions or jobs either @S or @J must be specified.
	ACTION	Specify either @S or @J with this command.
1506	MESSAGE	JOB NAME > 8 CHARACTERS LONG. (CIERR 1506)
	CAUSE	Job name contains more than eight characters.
	ACTION	Specify a job name that contains eight or fewer characters.
1507	MESSAGE	JOB NAME MUST START WITH ALPHABETIC CHARACTER. (CIERR 1507)
	CAUSE	Job name did not begin with an alphabetic character.
	ACTION	Specify a job name that begins with an alphabetic characater.
1508	MESSAGE	EMBEDDED SPECIAL CHARACTERS NOT ALLOWED IN JOB NAME. (CIERR 1508)
	CAUSE	Characters other than alphanumeric characters appeared in job name.
	ACTION	Specify a job name that contains only alphanumeric characters.
1509	MESSAGE	EXPECTED EITHER "J" OR "S". (CIERR 1509)
	CAUSE	To obtain information for either sessions or jobs either @S or @J must be specified.
	ACTION	Specify either @S or @J with this command.

1510	MESSAGE	EXTRA PARAMETERS EXTRANEOUS IN THIS CONTEXT, IGNORED. (CIERR 1510)
	CAUSE	Unnecessary parameters were specified and are ignored by the system.
	ACTION	None.
1511	MESSAGE	EXPECTED ONE OF JOB, SUSP, INTRO, WAIT, EXEC, SCHED OR STATUS. (CIERR 1511)
	CAUSE	A valid identifying parameter was not specified.
	ACTION	Specify one of the parameters listed in the error message.
1512	MESSAGE	PARSING OF SHOWJOB PARAMETERS STOPPED; TOO MANY ERRORS. (CIERR 1512)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1513	MESSAGE	ERROR USING SCRATCH FILE; UNABLE TO COMPLETE COMMAND. (CIERR 1513)
	CAUSE	Same as the message.
	ACTION	Check the syntax and reenter the command.
1514	MESSAGE	JOB STATE INCONSISTENT WITH PREVIOUS PARAMETER; LAST USED. (CIWARN 1514)
	CAUSE	Same as the message.
	ACTION	None; the message is for information only.

1515	MESSAGE	DEFERRED/NONDEFERRED ONLY APPROPRIATE WITH WAIT STATE. (CIERR 1515)
	CAUSE	Either D (deferred) or N (nondeferred) was specified with a parameter other than WAIT.
	ACTION	Specify D or N only with the WAIT parameter.
1516	MESSAGE	EXPECTED EITHER "N" (NONDEFERRED) OR "D" (DEFERRED). (CIERR 1516)
	CAUSE	Same as the message.
	ACTION	Check the syntax and reenter the command.
1517	MESSAGE	EXPECTED USER NAME PART OF JOB ID. EMBEDDED SPECIAL CHARACTERS NOT ALLOWED. (CIERR 1517)
	CAUSE	User name was not specified as part of the job ID. Only alphanumeric characters are allowed in the job ID specification.
	ACTION	Specify a valid user name and remove any characters other than alphanumeric from the job ID.
1518	MESSAGE	EXPECTED PERIOD SEPARATING USER NAME AND ACCOUNT NAME. (CIERR 1518)
	CAUSE	System expects a period to separate (delimit) the user name and account name.
	ACTION	Use a period as a delimiter between the user name and the account name.

1519	MESSAGE	EXPECTED ACCOUNT NAME. EMBEDDED SPECIAL CHARACTERS NOT ALLOWED. (CIERR 1519)
	CAUSE	Special characters are not allowed in account names.
	ACTION	Specify an account name that contains only alphanumeric characters.
1520	MESSAGE	JOB PARAMETER REDUNDANTLY SPECIFIED. (CIWARN 1520)
	CAUSE	The JOB parameter was specified more than once.
	ACTION	None.
1521	MESSAGE	EXPECTED "=" AFTER JOB KEYWORD. (CIERR 1521)
	CAUSE	The = sign is a required part of the JOB keyword specification.
	ACTION	Provide the = sign with the JOB keyword (JOB=).

1522	MESSAGE	SHOWJOB INTERNAL ERROR, CREATE OBJECT FAILED (CIERR 1522)
	CAUSE	The SHOWJOB command is trying to create an internal object in order to copy the Job Master Table (JMAT). The copy is a snapshot of the current jobs and sessions on the system and is formatted by SHOWJOB as the command output. The copy can require a large amount of disk space, depending on the JMAT size, which is then released when the command completes. This message will be generated if the JMAT is large (many active jobs/sessions) and insufficient disk space exists for the copy to be made.
	ACTION	Try the command again. If disk space shortage appears to be the problem, either wait until some space becomes available or create some free space by purging old files, etc. If you still get this message, call your Hewlett-Packard Representative.
1530	MESSAGE	ONLY OUTPUT DEVICE FILES ARE APPROPRIATE WITH SHOWOUT. (CIERR 1530)
	CAUSE	The device file specified is not an output device file.
	ACTION	Specify only output device files with the SHOWOUT command.
1531	MESSAGE	ONLY INPUT DEVICE FILES ARE APPROPRIATE WITH SHOWIN. (CIERR 1531)
	CAUSE	The device file specified is not an input device file.
	ACTION	Specify only input device files with the SHOWIN command.

1532	MESSAGE	EXPECTED A FILE NUMBER BETWEEN 1 AND 9999999. (CIERR 1532)
	CAUSE	The file number specified was not between 1 and 16383.
	ACTION	Specify a valid file number from between 1 and 16383.
1533	MESSAGE	EXTRA PARAMETERS ARE INAPPROPRIATE, IGNORED. (CIERR 1533)
	CAUSE	More parameters were specified than required. The extra parameters were ignored by the system.
	ACTION	None.
1534	MESSAGE	EXPECTED ONE OF SP, STATUS, DEV, JOB, ACTIVE, READY, OPENED, LOCKED. (CIERR 1534)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1535	MESSAGE	STATUS INAPPROPRIATE WHEN OTHER PARAMETERS SPECIFIED. (CIERR 1535)
	CAUSE	The STATUS parameter is not valid with any other parameter.
	ACTION	To display STATUS information specify the STATUS parameter by itself.
1536	MESSAGE	UNIDENTIFIED PARAMETERS IGNORED. (CIERR 1536)
	CAUSE	Parameters not recognized by this command were specified and ignored by the system.
	ACTION	Specify only valid parameters for this command.

1537	MESSAGE	ERROR WHILE USING SCRATCH FILE, UNABLE TO COMPLETE COMMAND. (CIERR 1537)
	CAUSE	Same as the message.
	ACTION	Reenter the command.
1538	MESSAGE	TOO MANY ERRORS, ANALYSIS OF COMMAND STOPPED. (CIERR 1538)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1539	MESSAGE	FILE STATE INCONSISTENTLY SPECIFIED, LAST USED. (CIWARN 1539)
	CAUSE	Same as the message.
	ACTION	None; the message is for information only.
1540	MESSAGE	INAPPROPRIATE - INPUT FILES CANNOT BE DEFERRED. (CIERR 1540)
	CAUSE	Same as the message.
	ACTION	Reenter the command but do not specify the input files when you do so.
1541	MESSAGE	THIS PARAMETER APPROPRIATE ONLY FOR "READY" FILES. (CIERR 1541)
	CAUSE	You entered a syntax error.
	ACTION	Check the specified files and make sure that they are in the READY state, then reenter the command.
1542	MESSAGE	EXPECTED EITHER "D" (DEFERRED) OR "N" (NOT DEFERRED). (CIERR 1542)
	CAUSE	You entered a syntax error.
	ACTION	Check the syntax and reenter the command.



1543	MESSAGE	EXPECTED "JOB=". (CIERR 1543)
	CAUSE	You entered a syntax error.
	ACTION	Check the syntax and reenter the command.
1544	MESSAGE	EXPECTED ONE OF @, @J, @S, @J', @S', #Jnn, #Snn, #J'nn, #S'nn. (CIERR 1544)
	CAUSE	Same as the message.
	ACTION	Check the syntax and reenter the command.
1545	MESSAGE	EXPECTED EITHER @S OR @S'. (CIERR 1545)
	CAUSE	Same as the message.
	ACTION	Check the syntax and reenter the command.
1546	MESSAGE	EXPECTED EITHER @J OR @J'. (CIERR 1546)
	CAUSE	Same as the message.
	ACTION	Check the syntax and reenter the command.
1547	MESSAGE	EXPECTED ONE OF @, @S, @S', @J, @J'. (CIERR 1547)
	CAUSE	Same as the message.
	ACTION	Check the syntax and reenter the command.
1548	MESSAGE	EXPECTED A SESSION NUMBER BETWEEN 1 AND 16383. (CIERR 1548)
	CAUSE	A value of less than 1 or more than 16383 was specified for a session number.
	ACTION	Specify a value between 1 and 16383 for a session number.

1549	MESSAGE	EXPECTED A JOB NUMBER BETWEEN 1 AND 16383. (CIERR 1549)
	CAUSE	A value of less than 1 or more than 16383 was specified.
	ACTION	Specify a value between 1 and 16383 for a job number.
1550	MESSAGE	EXPECTED A JOB OR SESSION ID OF THE FORM #Jnn, #J'nn, #Snn, #Snn. (CIERR 1550)
	CAUSE	Same as the message.
	ACTION	Check the syntax and reenter the command.
1551	MESSAGE	JOB PARAMETER REDUNDANTLY SPECIFIED, LAST USED. (CIWARN 1551)
	CAUSE	The JOB parameter was specified more than once. The last value entered was used by the system.
	ACTION	To specify a value other than the value used by the system reenter the command.
1552	MESSAGE	EXPECTED "DEV= device specification". (CIERR 1552)
	CAUSE	You entered a syntax error.
	ACTION	Check the syntax and reenter the command.
1553	MESSAGE	INVALID DEVICE SPECIFICATION (CIWARN 1553)
	CAUSE	The device specified is not valid.
	ACTION	Specify a valid device.

1554	MESSAGE	USE OF DEVICE CLASS IS INAPPROPRIATE FOR INPUT FILES. (CIERR 1554)
	CAUSE	Same as the message.
	ACTION	Check the syntax and reenter the command.
1555	MESSAGE	DIRECT ACCESS DEVICE MAY NOT BE SPECIFIED. (CIERR 1555)
	CAUSE	Same as the message.
	ACTION	Check the syntax and reenter the command.
1556	MESSAGE	"DEV=" PARAMETER REDUNDANTLY SPECIFIED, LAST USED. (CIWARN 1556)
	CAUSE	The DEV parameter was specified more than once. The system used the last value entered.
	ACTION	If you want a value other than that used by the system reenter the command.
1580	MESSAGE	SHOWDEV MAY HAVE ONLY ONE PARAMETER, THE DEVICE NAME OR NUMBER. (CIWARN 1580)
	CAUSE	Both a device name and device number were specified with this command.
	ACTION	Specify either a device name or device number but not both.
1581	MESSAGE	LOGICAL DEVICE NUMBER ! DOES NOT EXIST ON THE SYSTEM. (CIERR 1581)
	CAUSE	The logical device number specified is not valid on this system.
	ACTION	Specify a valid logical device number.

1582	MESSAGE	CLASS NAME "!" IS INVALID, MORE THAN 8 CHARACTERS LONG. (CIERR 1582)
	CAUSE	Device class names may not contain more than eight characters.
	ACTION	Specify a valid device class name that contains eight or fewer characters.
1583	MESSAGE	LOGICAL DEVICE CLASS "!" CANNOT BE FOUND ON THE SYSTEM. (CIERR 1583)
	CAUSE	The logical device class specified is not valid on this system.
	ACTION	Specify a valid logical device class.
1584	MESSAGE	DS DEVICE MAY NOT BE SPECIFIED. (CIERR 1584)
	CAUSE	Same as the message.
	ACTION	Contact your system manager for the correct LDEV number or device name.
1585	MESSAGE	THERE ARE NO DEVICES CONFIGURED IN DEVICE CLASS "!". (CIWARN 1585)
	CAUSE	Same as the message.
	ACTION	Contact your system manager for the correct device class name.
1590	MESSAGE	STREAM FILE MAY NOT BE A SYSTEM DEFINED FILE. (CIERR 1590)
	CAUSE	Same as the message.
	ACTION	Check the syntax and reenter the command.

1591	MESSAGE	EXPECTED JUST ONE CHARACTER AS COLON PROMPT REPLACEMENT. (CIERR 1591)
	CAUSE	More than one special character was used as a replacement for the colon prompt.
	ACTION	Specify only one special character as a replacement for the colon prompt in the JOB command. By default the system expects the ! character to be used.
1593	MESSAGE	I/O ERROR WHILE READING IN JOB TO BE STREAMED. (CIERR 1593)
	CAUSE	Same as the message.
	ACTION	Check the job file for syntax errors. Make any corrections (see "JOB" command in the *MPE/iX Commands Reference Manual, (32650-90003)* and STREAM the file again.
1594	MESSAGE	ERROR IN WRITING TO SPOOL FILE. SPOOLING STOPPED. (CIERR 1594)
	CAUSE	Same as the message.
	ACTION	Contact your system manager to correct the spool queues.
1595	MESSAGE	UNABLE TO OPEN SPOOL FILE. (CIERR 1595)
	CAUSE	Same as the message.
	ACTION	Contact your system manager to correct the spool queues.
1596	MESSAGE	UNABLE TO OPEN STREAM FILE. (CIERR 1596)
	CAUSE	Same as the message.
	ACTION	Contact your system manager to perform the STREAMS command.

1597	MESSAGE	COMMAND GREATER THAN 255 CHARACTERS. (CIERR 1597)
	CAUSE	The maximum number of characters MPE/iX allows in a command is 255.
	ACTION	Specify a command line that contains no more than 255 characters.
1598	MESSAGE	MISSING COLON ON CONTINUATION LINE. (CIERR 1598)
	CAUSE	You entered a syntax error.
	ACTION	Check the syntax and reenter the command.
1599	MESSAGE	UNABLE TO CLOSE STREAM FILE. (CIERR 1599)
	CAUSE	Same as the message.
	ACTION	None; the message is for information only.
1610	MESSAGE	EXPECTED A JOB NUMBER BETWEEN 1 AND 16383 (CIERR 1610)
	CAUSE	The job number specified was not between 1 and 16383.
	ACTION	Specify a value between 1 and 16383 for a job number.
1611	MESSAGE	EXPECTED A SESSION NUMBER BETWEEN 1 AND 16383. (CIERR 1611)
	CAUSE	The session number specified was not between 1 and 16383.
	ACTION	Specify a value between 1 and 16383 for a session number.
1612	MESSAGE	EXPECTED "S" INDICATING SESSION. (CIERR 1612)
	CAUSE	You entered a syntax error.
	ACTION	Check the syntax and reenter the command.

1613	MESSAGE	EXPECTED "@S". (CIERR 1613)
	CAUSE	You entered a syntax error.
	ACTION	Check the syntax and reenter the command.
1614	MESSAGE	EXPECTED "@" OR A PARTICULAR JOB NAME. (CIERR 1614)
	CAUSE	You entered a syntax error.
	ACTION	Check the syntax and reenter the command.
1615	MESSAGE	JOB NAME MAY NOT EXCEED 8 CHARACTERS. (CIERR 1615)
	CAUSE	The specified job name was more than eight characters.
	ACTION	Specify a job name that contains eight or fewer characters.
1616	MESSAGE	JOB NAME MUST START WITH ALPHABETIC CHARACTER. (CIERR 1616)
	CAUSE	The job name specified did not begin with an alphabetic character.
	ACTION	Specify a job name that begins with an alphabetic character.
1617	MESSAGE	"." REQUIRED BETWEEN USER AND ACCOUNT NAMES. (CIERR 1617)
	CAUSE	The system expects a period to separate (delimit) the user and the account name.
	ACTION	Use a period as a delimiter between the user name and the account name (user.account).
1618	MESSAGE	TELL COMMAND REQUIRES THE ID OF THE JOB TO BE TOLD. (CIERR 1618)
	CAUSE	You entered a syntax error.
	ACTION	Check the syntax and reenter the command.

1619	MESSAGE	THERE WAS NO SESSION FOUND WHICH MATCHED THIS ID. (CIWARN 1619)
	CAUSE	The session number or session name specified is not valid.
	ACTION	Determine the correct session number or session name with the SHOWJOB command and issue command again.
1620	MESSAGE	THE SENDER IS THE ONLY QUALIFYING TARGET. NO MESSAGE SENT. (CIWARN 1620)
	CAUSE	You are the only user who is able to receive this message and you cannot send a message to yourself.
	ACTION	Specify a valid session to receive the message.
1626	MESSAGE	SOME SORT OF I/O ERROR IN SENDING MESSAGE TO CONSOLE. (CIERR 1626)
	CAUSE	An error occurred in sending the message to the console.
	ACTION	Send a new message to the console.
1627	MESSAGE	! NOT INTERACTIVE; MESSAGE NOT SENT TO JOB (CIWARN 1627).
	CAUSE	You cannot send a message to a job.
	ACTION	Only send messages to interactive sessions.
1628	MESSAGE	LOGON DEVICE ACCESS SECURITY VIOLATION (CIERR 1628).
1630	MESSAGE	TARGET FILE IS THE ONLY PARAMETER ALLOWED. (CIERR 1630)
	CAUSE	The only valid parameter is the target file.
	ACTION	Specify a valid target file.

1631	MESSAGE	TARGET FILE IS A REQUIRED PARAMETER. (CIERR 1631)
	CAUSE	The target file was not specified.
	ACTION	Specify a valid target file.
1632	MESSAGE	UNABLE TO OPEN PERMANENT DISK FILE !. (CIERR 1632)
	CAUSE	Same as the message.
	ACTION	Contact your system manager to check for disk allocation.
1633	MESSAGE	FILE SYSTEM ERROR ! WHILE READING PAPER TAPE. (CIERR 1633)
	CAUSE	Same as the message.
	ACTION	Refer to the File System error message section.
1634	MESSAGE	FILE SYSTEM ERROR ! WHILE WRITING TO DISK FILE. (CIERR 1634)
	CAUSE	Same as the message.
	ACTION	Refer to the File System error message section.
1635	MESSAGE	FILE SYSTEM ERROR ! WHILE CLOSING DISK FILE. (CIERR 1635)
	CAUSE	Same as the message.
	ACTION	Refer to the File System error message section.
1636	MESSAGE	UNABLE TO ACCESS PAPER TAPE READER ON TERMINAL. (CIERR 1636)
	CAUSE	Same as the message.

1640	MESSAGE	THE ONLY PARAMETERS ARE THE INPUT AND OUTPUT SPEEDS. (CIERR 1640)
	CAUSE	Specifying parameters other than the input speed and output speed is not allowed.
	ACTION	Specify only the input speed and output speed with this command.
1641	MESSAGE	SPEED REQUIRES EITHER AN INPUT OR AN OUTPUT SPEED. (CIERR 1641)
	CAUSE	The SPEED command requires either an INPUT or an OUTPUT speed to be specified.
	ACTION	Specify either an INPUT or an OUTPUT speed with the SPEED command.
1642	MESSAGE	INPUT SPEED SPECIFIED NOT SUPPORTED BY THIS DEVICE. (CIERR 1642)
	CAUSE	The terminal you are using does not support the INPUT speed you specified.
	ACTION	Specify a valid INPUT speed.
1643	MESSAGE	OUTPUT SPEED SPECIFIED NOT SUPPORTED BY THIS DEVICE. (CIERR 1643)
	CAUSE	The terminal you are using does not support the OUTPUT speed you specified.
	ACTION	Specify a valid OUTPUT speed.

1644	MESSAGE	SPEED CHANGE NOT VERIFIED - OLD SPEED RETAINED. (CIWARN 1644)
	CAUSE	The SPEED change you specified was not verified by the system and the existing SPEED specification will be used.
	ACTION	Verify the SPEED change by entering MPE (Return) at the terminal. If the characters MPE cannot be verified, the system assumes that the terminal is to continue at the old speed.
1645	MESSAGE	INPUT SPEED MUST EQUAL OUTPUT SPEED FOR THIS SYSTEM. WILL ATTEMPT TO CHANGE BOTH SPEEDS TO VALUE SPECIFIED. (CIWARN 1645)
	CAUSE	The value specified for INPUT and OUTPUT were not the same, which is required on this system. The system attempts to set SPEED to equal values.
	ACTION	Specify the same value for both INPUT and OUTPUT.
1646	MESSAGE	INPUT AND OUTPUT SPEEDS MUST BE EQUAL ON THIS SYSTEM. (CIERR 1645)
	CAUSE	The value specified for INPUT and OUTPUT were not the same, which is required on this system.
	ACTION	Specify the same value for both INPUT and OUTPUT.
1649	MESSAGE	EXPECTED ONE PARAMETER EITHER "ON" OR "OFF". COMMAND IGNORED (CIERR 1649)
	CAUSE	This command expects you to specify either ON or OFF.
	ACTION	Specify either ON or OFF with this command.

1650	MESSAGE	ALLOCATE HAS ONLY TWO PARAMETERS. (CIERR 1650)
	CAUSE	The parameter specified is not allowed with the ALLOCATE command.
	ACTION	The ALLOCATE command only accepts the procedure or program name parameters.
1651	MESSAGE	REQUIRES AT LEAST A PROGRAM NAME. (CIERR 1651)
	CAUSE	No program name was specified.
	ACTION	Specify a program name to be allocated.
1652	MESSAGE	PROCEDURE NOT ALLOCATED. (CIWARN 1652)
	CAUSE	Procedure not allocated because the files reside on a non-system domain (volume set) or the allowed number of entries in the code segment table has been exceeded.
	ACTION	Contact your system manager.
1653	MESSAGE	PROCEDURE ALREADY ALLOCATED. (CIWARN 1653)
	CAUSE	The procedure specified is already allocated.
	ACTION	None.
1654	MESSAGE	PROGRAM NOT ALLOCATED. (CIWARN 1654)
	CAUSE	Program not allocated because the files reside on a non-system domain (volume set) or the allowed number of entries in the code segment table has been exceeded.
	ACTION	Contact your system manager.

1655	MESSAGE	PROGRAM ALREADY ALLOCATED. (CIWARN 1655)
	CAUSE	The program specified is already allocated.
	ACTION	None.
1656	MESSAGE	EXPECTED EITHER "PROGRAM" OR "PROCEDURE". (CIERR 1656)
	CAUSE	A program name or procedure name must be specified with the ALLOCATE command.
	ACTION	Specify a valid program or procedure name with the command.
1657	MESSAGE	PROGRAM FILE MAY NOT BE A FILE EQUATED FILE NAME. (CIERR 1657)
	CAUSE	Same as the message.
	ACTION	Reenter the command using a "non-backreferenced" file name. Do not enter a file name that has an asterisk (*) at the beginning of it, since that indicates that it refers to a file equation.
1658	MESSAGE	PROGRAM FILE MAY NOT BE A SYSTEM DEFINED FILE. (CIERR 1658)
	CAUSE	Same as the message.
	ACTION	None; the message is for information only.
1659	MESSAGE	REQUIRE SYSTEM SUPERVISOR (OP) CAPABILITY TO DEALLOCATE A PERMANENTLY ALLOCATED FILE. (CIERR 1659)
	CAUSE	Same as the message.
	ACTION	Contact your system manager to perform the operation that you were trying to perform.

1664	MESSAGE	THIS COMMAND HAS BEEN REPLACED BY THE :TUNE COMMAND. (CIERR 1664)
	CAUSE	This command is no longer valid.
	ACTION	Use the TUNE command.
1666	MESSAGE	UNABLE TO DEALLOCATE PROCEDURE. (CIERR 1666)
	CAUSE	The procedure is currently executing and cannot be deallocated.
	ACTION	None. The procedure will be deallocated once it is no longer in use.
1667	MESSAGE	UNABLE TO ALLOCATE PROCEDURE. (CIERR 1667)
	CAUSE	The CST table may be full.
	ACTION	Review the allocated programs/procedures and deallocate all unnecessary ones.
1668	MESSAGE	UNABLE TO DEALLOCATE PROGRAM. (CIERR 1668)
	CAUSE	The program is currently executing and cannot be deallocated.
	ACTION	The program will be deallocated once it is no longer in use.
1669	MESSAGE	UNABLE TO ALLOCATE PROGRAM. (CIERR 1669)
	CAUSE	The CST table may be full.
	ACTION	Review the allocated programs/procedures and deallocate all unnecessary ones.

1670	MESSAGE	THIS COMMAND HAS NO PARAMETERS. (CIWARN 1670)
	CAUSE	Do not specify any parameters with this command.
	ACTION	Specify this command without any parameters.
1675	MESSAGE	EXPECTED EITHER "ON" OR "OFF". (CIERR 1675)
	CAUSE	This command expects you specify either ON or OFF.
	ACTION	Specify either ON or OFF with this command.
1676	MESSAGE	UNEXPECTED PARAMETER TO SETMSG COMMAND. (CIERR 1676)
	CAUSE	The parameter specified is not recognized by the SETMSG command.
	ACTION	Specify only valid parameters for the SETMSG command.
1680	MESSAGE	UNKNOWN OPTION TO SETDUMP COMMAND. (CIERR 1680)
	CAUSE	The parameter specified is not recognized by the SETDUMP command.
	ACTION	Specify only valid parameters for the SETDUMP command.
1681	MESSAGE	MORE THAN 4 PARAMETERS SPECIFIED FOR SETDUMP. (CIERR 1681)
	CAUSE	You entered a syntax error.
	ACTION	Check the syntax and reenter the command.

1684	MESSAGE	JOB/HELLO/DATA WILL NOT EXECUTE PROPERLY IN THIS CONTEXT, PLEASE REENTER COMPLETE COMMAND (CIWARN 1684)
	CAUSE	Same as the message.
	ACTION	Check the syntax and reenter the command.
1685	MESSAGE	EOD IGNORED. (CIWARN 1685)
	CAUSE	Same as the message.
	ACTION	None; the message is for information only.
1686	MESSAGE	COMMAND ONLY ALLOWED IN BREAK. (CIERR 1686)
	CAUSE	Same as the message.
	ACTION	None; the message is for information only.
1690	MESSAGE	GETRIN REQUIRES EXACTLY ONE PARAMETER, THE RIN PASSWORD. (CIERR 1690)
	CAUSE	The only parameter allowed with the GETRIN command is rinpassword.
	ACTION	Specify only the rinpassword with the GETRIN command.
1691	MESSAGE	FREERIN REQUIRES EXACTLY ONE PARAMETER, THE RIN NUMBER. (CIERR 1691)
	CAUSE	The only parameter allowed with the FREERIN command is rinnumber.
	ACTION	Specify only the rinnumber with the FREERIN command.

1692	MESSAGE	CAN'T ALLOCATE RIN, RIN TABLE FULL. (CIERR 1692)
	CAUSE	Once the RIN table becomes full no additional RINs can be allocated.
	ACTION	Wait until a RIN becomes available or request your system manager to raise the maximum number of RINs that can be assigned.
1693	MESSAGE	THIS RIN ISN'T ALLOCATED. (CIERR 1693)
	CAUSE	Either the RIN number does not exist or it exists but is not owned by the current user.
	ACTION	Check the RIN number and make sure it is allocated to the current user.
1694	MESSAGE	RIN IN USE, COMMAND IGNORED. (CIERR 1694)
	CAUSE	The specified RIN is currently being accessed.
	ACTION	Try again to see if RIN is free for your use.
1695	MESSAGE	EXPECTED ASSIGNED RIN NUMBER BETWEEN 1 AND 32767, FOUND "!". (CIERR 1695)
	CAUSE	Same as the message.
	ACTION	Check the syntax and reenter the command.
1696	MESSAGE	RIN PASSWORD IS TOO LONG. (CIERR 1696)
	CAUSE	A RIN password can contain no more that eight alphanumeric characters beginning with an alphabetic character.
	ACTION	Specify a password that contains eight or fewer alphanumeric characters beginning with an alphabetic character.

1697	MESSAGE	RIN PASSWORD CAN CONTAIN ONLY ALPHANUMERIC CHARACTERS. (CIERR 1697)
	CAUSE	Only alphanumeric characters are allowed for the RIN password.
	ACTION	Specify a RIN password that contains only alphanumeric characters, beginning with an alphabetic charaater.
1698	MESSAGE	RIN PASSWORD MUST START WITH ALPHA CHARACTER. (CIERR 1698)
	CAUSE	The RIN password did not begin with an alphabetic character.
	ACTION	Specify a RIN password that begins with an alphabetic charactaer.
1700	MESSAGE	MAXIMUM OF 2 PARAMETERS. (CIERR 1700)
	CAUSE	You entered a syntax error.
	ACTION	Check the syntax and reenter the command.
1701	MESSAGE	PARAMETER NOT ONE OF CS,DS,ES OR 0. (CIERR 1701)
	CAUSE	Same as the message.
	ACTION	Check the syntax and reenter the command.
1702	MESSAGE	DEFAULT PRIORITY OF 0 NOT ALLOWED. DEFAULTED TO CS. (CIWARN 1702)
	CAUSE	Same as the message.
	ACTION	None; the message is for information only.
1703	MESSAGE	DEFAULT OF CS EXCEEDS MAXIMUM OF DS. (CIERR 1703)
	CAUSE	Same as the message.
	ACTION	Review the dispatcher queue parameters.

1704	MESSAGE	DEFAULT OF CS EXCEEDS MAXIMUM OF ES. (CIERR 1704)
	CAUSE	Same as the message.
	ACTION	Review the dispatcher queue parameters.
1705	MESSAGE	DEFAULT OF DS EXCEEDS MAXIMUM OF ES. (CIERR 1705)
	CAUSE	Same as the message.
	ACTION	Review the dispatcher queue parameters.
1710	MESSAGE	NAME OF JCW TO BE SET NOT FOUND. (CIERR 1710)
	CAUSE	The name of the JCW to be set was not specified.
	ACTION	Specify a name for the JCW to be set with the SETJCW command.
1711	MESSAGE	NO VALUE SPECIFIED FOR JCW TO BE SET TO. (CIERR 1711)
	CAUSE	The value for the JCW to be set was not specified.
	ACTION	Specify a value for the JCW to be set with the SETJCW command.
1712	MESSAGE	VALUE NOT IN RANGE--LEGAL RANGE IS 0 TO 65535. (CIERR 1712)
	CAUSE	The value specified was less than 0 or more than 65535.
	ACTION	Specify a value between 0 and 65535.
1713	MESSAGE	"8" OR "9" DIGIT FOUND IN OCTAL VALUE FOR JCW. (CIERR 1713)
	CAUSE	Octal values do not allow the digits 8 or 9.
	ACTION	Specify an octal value that includes only the allowed digits (0-7).

1714	MESSAGE	MAXIMUM "OK" VALUE IS 65535. (CIERR 1714)
	CAUSE	Value specified was more than 65535.
	ACTION	Specify a value of no more than 65535.
1715	MESSAGE	MAXIMUM "WARN" VALUE IS 49151. (CIERR 1715)
	CAUSE	Same as the message.
	ACTION	None; the message is for information only.
1716	MESSAGE	MAXIMUM "FATAL" VALUE IS 32767. (CIERR 1716)
	CAUSE	The value specified for FATAL exceeded 32767.
	ACTION	Specify a value for FATAL of no more than 32767.
1717	MESSAGE	MAXIMUM "SYSTEM" VALUE IS 16383. (CIERR 1717)
	CAUSE	Same as the message.
	ACTION	None; the message is for information only.
1718	MESSAGE	JCW NAME EXCEEDS 255 CHARACTERS IN LENGTH. (CIERR 1718)
	CAUSE	The JCW name specified exceeds 255 characters in length.
	ACTION	Specify a JCW name of no more than 255 characters.
1719	MESSAGE	JCW NAME MUST START WITH ALPHABETIC CHARACTER. (CIERR 1719)
	CAUSE	Specified JCW name does not start with an alphabetic character.
	ACTION	Specify a JCW name that begins with an alphabetic character.

1720	MESSAGE	THE JCW TO BE USED FOR THE NEW VALUE DOES NOT EXIST. (CIERR 1720)
	CAUSE	The JCW specified for the new value does not exist.
	ACTION	The system will create the new JCW and set the value assigned.
1721	MESSAGE	INVALID SYNTAX, THE PROPER SYNTAX IS :SETJCW jcwname char value [{+/-} value] (CIERR 1721)
	CAUSE	The syntax used for the SETJCW command was incorrect.
	ACTION	Enter the SETJCW again using the syntax shown in the error message.
1722	MESSAGE	OUT OF SPACE IN JOB DIRECTORY TABLE - UNABLE TO ADD NEW JCW. (CIERR 1722)
	CAUSE	The job directory table is full.
	ACTION	Contact your system manager.
1723	MESSAGE	UNLESS A :CONTINUE IS IN EFFECT, THE REMAINDER OF THE CURRENT UDC WILL BE FLUSHED. (CIWARN 1723)
	CAUSE	The next command in the UDC will result in an error.
	ACTION	Place a CONTINUE command on the line immediately preceding the command that will result in an error.
1724	MESSAGE	UNLESS A :CONTINUE IS IN EFFECT, THE REMAINDER OF THE JOB WILL BE FLUSHED. (CIWARN 1724)
	CAUSE	The next command in the job will result in an error.
	ACTION	Place a CONTINUE command on the line immediately preceding the command that will result in an error.

1725	MESSAGE	JCWNAME CANNOT BE A VALID JCW VALUE (CIERR 1725)
	CAUSE	Same as the message.
	ACTION	None; the message is for information only.
1726	MESSAGE	CANNOT SETJCW ON A SYSTEM-RESERVED JCW. (CIERR 1726)
	CAUSE	Same as the message.
	ACTION	None; the message is for information only.
1728	MESSAGE	VALID VALUES FOR JCW HPTIMEOUT ARE BETWEEN 0 AND 546 (CIERR 1728).
	CAUSE	The value specified for HPTIMEOUT was less than 0 or more than 546.
	ACTION	Specify a valid value for HPTIMEOUT between 0 and 546.
1730	MESSAGE	EXPECTED JUST ONE JCW NAME. IGNORED. (CIWARN 1730)
	CAUSE	You entered a syntax error.
	ACTION	None; the message is for information only.
1731	MESSAGE	THIS JCW HAS NOT BEEN DEFINED. (CIERR 1731)
	CAUSE	You referenced an undefined JCW.
	ACTION	Make sure that you entered the name of a defined JCW. If you did not, define the JCW, and reenter the command.
1735	MESSAGE	THE REST OF THE RELATIONAL EXPRESSION IS MISSING. (CIERR 1735)
	CAUSE	You entered an invalid expression.
	ACTION	Correct the relational expression and reenter it.

1736	MESSAGE	EXPECTED ONE OF <, >, =, <=, >=, OR <>. (CIERR 1736)
	CAUSE	You entered a syntax error.
	ACTION	Correct the relational expression and reenter it.
1737	MESSAGE	THIS JCW IS UNDEFINED AND THUS CANNOT BE EVALUATED. (CIERR 1737)
	CAUSE	You referenced an undefined JCW.
	ACTION	Make sure that you entered the name of a defined JCW. If you did not, define the JCW, and reenter the command.
1738	MESSAGE	EXPECTED A SECOND JCW VALUE FOR THE RELATION. (CIERR 1738)
	CAUSE	Same as the message.
	ACTION	Review the operation, then correct the relational expression and reenter the command.
1739	MESSAGE	EXPECTED A ")" TO MATCH A PREVIOUS "(". (CIERR 1739)
	CAUSE	An opening parenthesis must be paired with a closing parenthesis.
	ACTION	Add a closing parenthesis to match the opening parenthesis.
1740	MESSAGE	SYNTAX OF IF COMMAND IS "IF <CONDITION> THEN". (CIERR 1740)
	CAUSE	The syntax for the IF command was incorrect.
	ACTION	Specify the IF command using the syntax shown in the error message.

1741	MESSAGE	EXPECTED A "THEN" AFTER <CONDITION> PART OF COMMAND. (CIERR 1741)
	CAUSE	The syntax for the IF command did not contain the THEN statement.
	ACTION	Specify the IF command correctly by including the THEN statement following the CONDITION statement.
1742	MESSAGE	UNRECOGNIZED PARAMETERS TO IF COMMAND. (CIERR 1742)
	CAUSE	Parameters specified were not recognized by the IF command.
	ACTION	The IF command only recognizes the CONDITION and THEN statement parameters.
1743	MESSAGE	IF COMMANDS MAY NOT BE NESTED MORE THAN 30 LEVELS. (CIERR 1743)
	CAUSE	The IF command was nested more than 30 levels which is not allowed.
	ACTION	Do not nest the IF command more than 30 levels.
1744	MESSAGE	THE ELSE COMMAND HAS NO PARAMETERS. (CIWARN 1744)
	CAUSE	A parameter was specified with the ELSE command.
	ACTION	Do not specify any parameters with the ELSE command.
1745	MESSAGE	THIS ELSE COMMAND DOES NOT HAVE A CORRESPONDING IF. THE ELSE IS IGNORED. (CIWARN 1745)
	CAUSE	The ELSE command expects to find a corresponding IF command.
	ACTION	Specify an IF command or remove the ELSE command.

1746	MESSAGE	THE ENDIF COMMAND HAS NO PARAMETERS. (CIWARN 1746)
	CAUSE	Parameters were specified with the ENDIF command.
	ACTION	Do not specify any parameters with the ENDIF command.
1747	MESSAGE	THIS ENDIF COMMAND DOES NOT HAVE A CORRESPONDING IF. THE ENDIF IS IGNORED. (CIWARN 1747)
	CAUSE	The ENDIF command expects to find a corresponding IF command.
	ACTION	Specify an IF command or remove the ENDIF command.
1748	MESSAGE	MORE THAN ONE ELSE FOUND FOR THE CURRENT IF LEVEL. (CIWARN 1748)
	CAUSE	The IF command only allows one corresponding ELSE command.
	ACTION	Remove the extra ELSE command or add a corresponding IF command.
1749	MESSAGE	:IF'S/:ENDIF'S AND :WHILE'S/:ENDWHILE'S MUST BE PAIRED IN BREAK MODE. THE PRE-BREAK NESTING LEVEL WILL BE RESTORED. (CIWARN 1749)
	CAUSE	Same as the message.
	ACTION	None; the message is for information only.
1750	MESSAGE	:ELSEIF CANNOT FOLLOW :ELSE. (CIWARN 1750)
	CAUSE	ELSEIF must not follow ELSE.
	ACTION	You must maintain proper IF ... ELSE ... ENDIF constructs. Check the nesting in your IF construction.

1751	MESSAGE	BAD IF EXPRESSION (CIERR 1751)
	CAUSE	A relational expression is not valid.
	ACTION	Review the relational expression and correct it where necessary.
1752	MESSAGE	BOOLEAN EXPRESSION REQUIRED IN IF CONSTRUCT (CIERR 1752)
	CAUSE	The expression does not resolve to a Boolean value.
	ACTION	Review the relational expression and make sure that it does resolve to a Boolean value.
1753	MESSAGE	MAXIMUM IF CONSTRUCT STACK NESTING HIT (CIERR 1753)
	CAUSE	IF ... ELSE ... ENDIF nesting has exceeded the maximum nesting level.
	ACTION	To avoid exceeding the nesting limit, use ELSEIF instead of ELSE ... IF.
1754	MESSAGE	NO CONSTRUCTS ON CONSTRUCT STACK, INTERNAL ERROR. (CIERR 1754)
	CAUSE	A syntax error was made for a CI language construct.
	ACTION	Review the attempted CI program construct for any errors and correct them.
1755	MESSAGE	NEW COMMAND WOULD EXCEED MAXIMUM LENGTH OF ! CHARACTERS. (CIERR 1755)
	CAUSE	Same as the message.
	ACTION	Check the syntax and reenter the command.

1756	MESSAGE	DATA AFTER DELETE FIELD NOT RECOGNIZED, WAS IGNORED. (CIERR 1756)
	CAUSE	Same as the message.
	ACTION	None; the message is for information only.
1760	MESSAGE	CLINE EQUATE TABLE FULL. (CIERR 1760)
	CAUSE	Same as the message.
	ACTION	Review the CLINE equations and delete as necessary.
1761	MESSAGE	BACK CLINE REFERENCE NOT FOUND. (CIERR 1761)
	CAUSE	Same as the message.
	ACTION	Review the command and reenter the CLINE equation as necesary.
1762	MESSAGE	TOO MANY BACK CLINE REFERENCES. (CIERR 1762)
	CAUSE	Same as the message.
	ACTION	Review the CLINE equations and delete as necessary.
1763	MESSAGE	INVALID CLINE DESIGNATOR. (CIERR 1763)
	CAUSE	Same as the message.
	ACTION	Check the syntax and reenter the command.
1764	MESSAGE	CLINE EQUATION NOT FOUND. (CIERR 1764)
	CAUSE	Same as the message.
	ACTION	Review the command and reenter the CLINE equation as necesary.

1765	MESSAGE	CLINE EQUATION NOT FOUND. (CIWARN 1765)
	CAUSE	Same as message content.
	ACTION	None. Information only.
1766	MESSAGE	EMBEDDED SPECIAL CHARACTERS FOUND IN NAME. (CIERR 1766)
	CAUSE	Same as message content.
	ACTION	Review syntax for any special characters in the name. Then reissue the command.
1767	MESSAGE	NAME MAY NOT BEGIN WITH NUMERIC CHARACTER. (CIERR 1767)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command making sure the name begins with an alphabetic character.
1768	MESSAGE	NAME LENGTH LIMITED TO 8 CHARACTERS. (CIERR 1768)
	CAUSE	The name entered exceeded the maximum length of 8 characters.
	ACTION	Reenter the command making sure the name specified does not exceed 8 characters.
1769	MESSAGE	EXPECTED EQUAL SIGN (=) AND VALUE HERE. (CIERR 1769)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1770	MESSAGE	VALUE OF KEYWORD NOT OPTIONAL. (CIERR 1770)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.

1771	MESSAGE	SYNTAX ERROR IN LINE SPECIFICATION. (CIERR 1771)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1772	MESSAGE	INTEGER OUT OF RANGE OR BAD FORMAT. (CIERR 1772)
	CAUSE	Same as the message.
	ACTION	Review the command and then reissue it.
1773	MESSAGE	INTEGER NOT IN RANGE 0 - 255. (CIERR 1773)
	CAUSE	The integer specified was less than zero (0) or greater than 255.
	ACTION	Reenter the command making sure the integer specified is within the range of 0 to 255.
1774	MESSAGE	EXPECTED A COLON (:) HERE. (CIERR 1774)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1775	MESSAGE	EXPECTED ONE OF KEYWORDS FOR CLINE COMMAND. (CIERR 1775)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the CLINE command.

1776	MESSAGE	DEVICE NAME MAY NOT BE MORE THAN 8 CHARACTERS LONG. (CIERR 1776)
	CAUSE	The device name specified was more than 8 characters in length.
	ACTION	Reenter the command making sure the device name specified is less than or equal to 8 characters.
1777	MESSAGE	THIS KEYWORD REDUNDANTLY SPECIFIED. (CIERR 1777)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1778	MESSAGE	INTEGER NOT IN RANGE 0 - 63. (CIERR 1778)
	CAUSE	The integer value entered was less than zero (0) or greater than 63.
	ACTION	Reenter the command making sure the integer value specified is within the range of 0 to 63.
1779	MESSAGE	INTEGER NOT IN RANGE 0 - 15. (CIERR 1779)
	CAUSE	The integer value entered was less than zero (0) or greater than 15.
	ACTION	Reenter the command making sure the integer value specified is within the range of 0 to 15.
1780	MESSAGE	DRIVER NAME > 8 CHARACTERS LONG. (CIERR 1780)
	CAUSE	The driver name specified was more than 8 characters long.
	ACTION	Reenter the command making sure the driver name is less than or equal to 8 characters.

1781	MESSAGE	INTEGER NOT IN RANGE 0 - 127. (CIERR 1781)
	CAUSE	The integer value entered was less than zero (0) or greater than 127.
	ACTION	Reenter the command making sure the integer value specified is within the range of 0 to 127.
1782	MESSAGE	REQUIRES AT LEAST A LINE NAME. (CIERR 1782)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1783	MESSAGE	REQUIRES ACTUAL LINE DESIGNATOR. (CIERR 1783)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1784	MESSAGE	BACK REFERENCE TYPE LINE SPECIFICATION MAY NOT HAVE MORE THAN THE LINE NAMES INVOLVED. (CIERR 1784)
	CAUSE	You entered a syntax error.
	ACTION	Check the syntax and reenter the command.
1785	MESSAGE	IF'S AND ELSE'S MUST BE PAIRED WITHIN USER COMMANDS. (CIERR 1785)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.

1786	MESSAGE	IF'S AND ENDIF'S MUST BE PAIRED WITHIN USER COMMANDS. (CIERR 1786)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1793	MESSAGE	HELP ENCOUNTERED END OF FILE ON INPUT. (CIERR 1793)
	CAUSE	The HELP catalog is empty.
	ACTION	Contact the system manager to rebuild the help catalog.
1800	MESSAGE	UNABLE TO OPEN HELP CATALOG - 'CICAT.PUB.SYS' (HERR 1800)
	CAUSE	The HELP catalog (CICAT.PUB.SYS) does not exist.
1801	MESSAGE	HELP TERMINATED.
	CAUSE	Same as message content.
	ACTION	None. Information only.
1802	MESSAGE	FILE SYSTEM ERROR READING HELP CATALOG, 'CICAT.PUB.SYS'. (CIERR 1802)
	CAUSE	Same as message content.
	ACTION	Try again. If the problem persists, call your system manager.
1803	MESSAGE	INVALID HELP CATALOG 'CICAT.PUB.SYS'. NO USER LABELS. (CIERR 1803)
	CAUSE	Same as the message.
	ACTION	Contact your system manager to rebuild the HELP catalog.

1804	MESSAGE	NO HELP DIRECTORY IN HELP CATALOG 'CICAT.PUB.SYS'. (CIERR 1804)
	CAUSE	Same as the message.
	ACTION	Contact your system manager to rebuild the HELP catalog.
1805	MESSAGE	FILE SYSTEM ERROR READING USER LABELS IN HELP CATALOG 'CICAT.PUB.SYS'. (CIERR 1805)
	CAUSE	Same as the message.
	ACTION	Contact your system manager to rebuild the HELP catalog.
1806	MESSAGE	COULDN'T OPEN $STDIN FOR HELP. (CIERR 1806)
	CAUSE	Same as the message.
	ACTION	Reissue the command.
1807	MESSAGE	FILE SYSTEM ERROR READING $STDIN. (CIERR 1807)
	CAUSE	Same as the message.
	ACTION	Reissue the command.
1808	MESSAGE	FILE SYSTEM ERROR ON HELP LIST FILE. (CIERR 1808)
	CAUSE	Same as the message.
	ACTION	Reissue the command.
1815	MESSAGE	FWRITE HELP UDC HEADER FAILED (CIERR 1815)
	CAUSE	Same as the message.
	ACTION	Reissue the command.
1816	MESSAGE	FWRITE HELP COMMAND LINES FAILED (CIERR 1816)
	CAUSE	Same as the message.
	ACTION	Reissue the command.

1817	MESSAGE	WARN NO HELP COMMAND NAME SPECIFIED (CIERR 1817)
	CAUSE	Same as the message.
	ACTION	Reissue the command.
1818	MESSAGE	FWRITE UDC HELP LINE FAILED (CIERR 1818)
	CAUSE	Same as the message.
	ACTION	Reissue the command.
1819	MESSAGE	IGNORED EXTRA COMMAND FILE PARAMETER (CIWARN 1819)
	CAUSE	Same as message content.
	ACTION	None. Information only.
1901	MESSAGE	CANNOT FIND USER-LEVEL LOGON COMMAND. LOGON UDC NOT EXECUTED. (CIERR 1901)
	CAUSE	The logon UDC was not found.
	ACTION	Use SHOWCAT to check USER level UDCs for a logon UDC. Then use the SETCATALOG command and specify the UDC file that contains that logon UDC.
1902	MESSAGE	CANNOT FIND ACCOUNT-LEVEL LOGON COMMAND. LOGON UDC NOT EXECUTED. (CIERR 1902)
	CAUSE	The logon UDC was not found.
	ACTION	Use SHOWCAT to check USER level UDCs for a logon UDC. Then use the SETCATALOG command and specify the UDC file that contains that logon UDC.

1903	MESSAGE	CANNOT FIND SYSTEM-LEVEL LOGON COMMAND. LOGON UDC NOT EXECUTED. (CIERR 1903)
	CAUSE	The logon UDC was not found.
	ACTION	Use SHOWCAT to check SYSTEM level UDCs for a logon UDC. Then use the SETCATALOG command and specify the UDC file that contains that logon UDC.
1904	MESSAGE	THE SYSTEM DIRECTORY INDICATES THAT ! LEVEL UDC'S EXIST, YET THE UDC FILES CAN'T BE FOUND IN COMMAND.PUB.SYS. YOU MUST :SETCATALOG AGAIN OR REPLACE THE OLD COMMAND FILE. (CIWARN 1904)
	CAUSE	Same as message content.
	ACTION	Use SETCATALOG again or replace the old command file.
1905	MESSAGE	UDC ENDS WITH "& ". CONTINUATION LINE CAN'T BE LAST LINE. (CIERR 1905)
	CAUSE	The last line of the UDC ends with the continuation character (&).
	ACTION	Remove the continuation character from the last line of the UDC.
1906	MESSAGE	UDC COMMAND MUST START WITH AN ALPHABETIC CHARACTER. UDC'S NOT SET. (CIERR 1906).
	CAUSE	The UDC command does not start with an alphabetic character.
	ACTION	Rewrite the UDC making sure the commands begin with an alphabetic character.

1907	MESSAGE	UDC AT NEST LIMIT, COULDN'T EXECUTE COMMAND OR WOULD STACK OVERFLOW. (CIERR 1907)
	CAUSE	Same as the message.
	ACTION	Examine the UDCs in the UDC file for recursive loops and nesting of UDCs.
1908	MESSAGE	COULDN'T GET UDC DATA SEGMENT. (CIERR 1908)
	CAUSE	Same as the message.
	ACTION	Log off and then log on again.
1909	MESSAGE	UDC DIRECTORY OVERFLOW, TOO MANY COMMANDS. (CIERR 1909)
	CAUSE	Same as the message.
	ACTION	Examine the UDC files and delete any unnecessary UDCs.
1910	MESSAGE	COULDN'T OPEN UDC DIRECTORY FILE 'COMMAND.PUB.SYS'. (CIERR 1910)
	CAUSE	Same as the message.
	ACTION	Contact your system manager to examine the file, COMMAND.PUB.SYS.
1911	MESSAGE	COMMAND.PUB.SYS IS FULL, COULDN'T ADD UDC. (CIERR 1911)
	CAUSE	Same as message content.
	ACTION	Contact your system manager to expand COMMAND.PUB.SYS so that it becomes a larger file.
1912	MESSAGE	FLOCK FAILED ON COMMAND.PUB.SYS, COULDN'T CHANGE UDC. (CIERR 1912)
	CAUSE	Same as the message.
	ACTION	Reissue the command.

1913	MESSAGE	UDC FUNLOCK FAILED ON COMMAND.PUB.SYS. (CIERR 1913)
	CAUSE	Same as the message.
	ACTION	Reissue the command.
1914	MESSAGE	UDC FREAD FAILED ON COMMAND.PUB.SYS. (CIERR 1914)
	CAUSE	Same as the message.
	ACTION	Reissue the command.
1915	MESSAGE	UDC FWRITE FAILED ON COMMAND.PUB.SYS. (CIERR 1915)
	CAUSE	Same as the message.
	ACTION	Reissue the command.
1916	MESSAGE	COULDN'T GET UDC FILE LOCKWORD. SETCATALOG FAILED. (CIERR 1916)
	CAUSE	Same as the message.
	ACTION	Reissue the SETCATALOG command using the correct lockword.
1921	MESSAGE	COULDN'T OPEN UDC LIST FILE - !. (CIERR 1921)
	CAUSE	Same as the message.
	ACTION	"Unset" the UDCs for that account/user by entering the SETCATALOG command without specifying a file name after it. Then reset the UDCs by entering the SETCATALOG command, followed by the names of the appropriate UDC file(s).
1922	MESSAGE	FWRITE FAILED ON UDC LIST FILE - !. (CIERR 1922)
	CAUSE	Same as the message.
	ACTION	Reissue the command.

1923	MESSAGE	COULDN'T OPEN UDC FILE - !. (CIERR 1923)
	CAUSE	Same as the message.
	ACTION	Reissue the command.
1924	MESSAGE	FREAD FAILED ON UDC FILE - !. (CIERR 1924)
	CAUSE	Same as the message.
	ACTION	Reissue the command.
1925	MESSAGE	IF'S AND ENDIF'S MUST BE PAIRED WITHIN USER DEFINED COMMANDS. THE PREVIOUS IF NESTING LEVEL WILL BE RESTORED. (CIWARN 1925)
	CAUSE	Same as message content.
	ACTION	None. Information only.
1926	MESSAGE	CANNOT SETCATALOG TO AN EMPTY FILE. (CIERR 1926)
	CAUSE	An attempt was made to use the SETCATALOG command to establish a directory entry for an empty file.
	ACTION	Reenter the command making sure the file named with the SETCATALOG command is not empty.
1927	MESSAGE	NO USER LEVEL UDCS HAVE BEEN INITIALIZED. (CIWARN 1927)
	CAUSE	Same as message content.
	ACTION	None. Information only.
1928	MESSAGE	NO ACCOUNT LEVEL UDCS HAVE BEEN INITIALIZED. (CIWARN 1928)
	CAUSE	Same as message content.
	ACTION	None. Information only.

1929	MESSAGE	NO SYSTEM LEVEL UDCS HAVE BEEN INITIALIZED. (CIWARN 1929)
	CAUSE	Same as message content.
	ACTION	None. Information only.
1931	MESSAGE	NO USER DEFINED COMMAND CATALOGS IN USE. (CIERR 1931)
	CAUSE	Same as the message.
	ACTION	None; the message is for information only.
1933	MESSAGE	EXPECTED UDC LIST FILE PARAMETER. (CIWARN 1933)
	CAUSE	Same as message content.
	ACTION	None. Information only.
1934	MESSAGE	BACKREFERENCED FILES AND SYSTEM DEFINED FILES ARE NOT ALLOWED. (CIERR 1934)
	CAUSE	Same as the message.
	ACTION	Reissue the SETCATALOG command with the name of a permanent file.
1935	MESSAGE	UNKNOWN KEYWORD. EXPECTED :SETCATALOG SYNTAX IS: :SETCATALOG [udcfile1 [,udcfile2 ...]] [;SYSTEM] [;ACCOUNT] [;SHOW] [;APPEND] [;DELETE] [;RESET] [;USER=username[.accountname]] (CIERR 1935).
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.

1936	MESSAGE	TOO MANY PARAMETERS. MAXIMUM IS !. (CIERR 1936)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1937	MESSAGE	SYSTEM MANAGER CAPABILITY IS REQUIRED TO USE THE "SYSTEM" PARAMETER. (CIERR 1937)
	CAUSE	User does not have System Manager (SM) capability.
	ACTION	Ask your system manager to assign SM capability to your user name.
1938	MESSAGE	ACCOUNT MANAGER CAPABILITY IS REQUIRED TO USE THE "ACCOUNT" PARAMETER. (CIERR 1938)
	CAUSE	User does not have Account Manager (AM) capability.
	ACTION	Ask your system manager to assign AM capability to your user name.
1939	MESSAGE	THE "ACCOUNT" AND "SYSTEM" PARAMETERS CANNOT BE SPECIFIED SIMULTANEOUSLY. (CIERR 1939)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1940	MESSAGE	TOO MANY UDC CONTINUATION LINES, 320 CHAR. MAX. (CIERR 1940)
	CAUSE	Same as the message.
	ACTION	Examine the UDC, "unset" the catalog to correct the UDC, reset the catalog, and reenter the UDC.

1941	MESSAGE	EXPECTED ALPHA CHARACTER IN UDC PARAMETER. (CIERR 1941)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1942	MESSAGE	TOO MANY UDC PARAMETERS, 16 MAXIMUM. (CIERR 1942)
	CAUSE	Same as message content.
	ACTION	Reduce the number of UDC parameters.
1943	MESSAGE	EXPECTED DEFAULT FOR UDC PARAMETER. (CIERR 1943)
	CAUSE	Same as message content.
	ACTION	The UDC is probably set up with PARM=" " in it. This means that it has a default value when you enter the UDC without any value after it.
1944	MESSAGE	NO UDC CLOSING QUOTE. (CIERR 1944)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1945	MESSAGE	EXPECTED " ", "," OR ";" AS UDC DELIMITER. (CIERR 1945)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1946	MESSAGE	FOUND MORE PARAMETERS THAN IN UDC DEFINITION. (CIERR 1946)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.

1947	MESSAGE	CAN'T FIND A UDC PARAMETER FOR THIS NAME. (CIERR 1947)
	CAUSE	You entered a syntax error.
	ACTION	Check the syntax and reenter the command.
1948	MESSAGE	REQUIRED UDC PARAMETER IS MISSING. (CIERR 1948)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1949	MESSAGE	ASSEMBLED UDC COMMAND IS TOO LONG, 278 CHARS. MAXIMUM (CIERR 1949)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1950	MESSAGE	EXPECTED UDC PARAMETER. (CIERR 1950)
	CAUSE	A UDC parameter is missing.
	ACTION	Check the syntax and reenter the command.
1951	MESSAGE	UDC COMMAND NAME TOO LONG. UDC COMMAND NAME MUST BE 1 TO 16 CHARACTERS LONG. UDC'S NOT SET. (CIERR 1951).
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1952	MESSAGE	IGNORED EXTRA UDC PARAMETER. (CIWARN 1952)
	CAUSE	Same as message content.
	ACTION	None. Information only.

1953	MESSAGE	EXPECTED ALPHA CHARACTER FOR UDC PARAMETER NAME. (CIERR 1953)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1954	MESSAGE	SPECIAL CHARACTER NOT ALLOWED IN UDC PARAMETER NAME. (CIERR 1954)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1955	MESSAGE	PARAMETERS CAN BE USED IN EITHER POSITIONAL OR KEY- WORDED FORM, BUT NOT BOTH AT ONCE. (CIERR 1955)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1956	MESSAGE	UNKNOWN OPTION KEYWORD. THIS OPTION IGNORED. VALID OPTIONS: HELP/NOHELP, LIST/NOLIST, BREAK/NOBREAK, LOGON/NOLOGON. (CIWARN 1956)
	CAUSE	Syntax error.
	ACTION	None. Information only.
1968	MESSAGE	OPTION NOPROGRAM OVER-RIDDEN BY PREVIOUS PROGRAM. (CIWARN 1968)
1969	MESSAGE	OPTION NOPROGRAM OVER-RIDDEN BY PREVIOUS NOPROGRAM. (CIWARN 1969)
1970	MESSAGE	OPTION LIST OVER-RIDDEN BY PREVIOUS NOLIST. (CIWARN 1970)
	CAUSE	Same as message content.
	ACTION	None. Information only.

1971	MESSAGE	OPTION LOGON OVER-RIDDEN BY PREVIOUS NOLOGON. (CIWARN 1971)
	CAUSE	Same as message content.
	ACTION	None. Information only.
1972	MESSAGE	OPTION NOHELP OVER-RIDDEN BY PREVIOUS HELP. (CIWARN 1972)
	CAUSE	Same as message content.
	ACTION	None. Information only.
1973	MESSAGE	OPTION NOBREAK OVER-RIDDEN BY PREVIOUS BREAK. (CIWARN 1973)
	CAUSE	Same as message content.
	ACTION	None. Information only.
1974	MESSAGE	OPTION NOLIST OVER-RIDDEN BY PREVIOUS LIST. (CIWARN 1974)
	CAUSE	Same as message content.
	ACTION	None. Information only.
1975	MESSAGE	OPTION NOLOGON OVER-RIDDEN BY PREVIOUS LOGON. (CIWARN 1975)
	CAUSE	Same as message content.
	ACTION	None. Information only.
1976	MESSAGE	OPTION HELP OVER-RIDDEN BY PREVIOUS NOHELP. (CIWARN 1976)
	CAUSE	Same as message content.
	ACTION	None. Information only.
1977	MESSAGE	OPTION BREAK OVER-RIDDEN BY PREVIOUS NOBREAK. (CIWARN 1977)
	CAUSE	Same as message content.
	ACTION	None. Information only.

1978	MESSAGE	OPTION RECURSION OVER-RIDDEN BY PREVIOUS RECURSION. (CIWARN 1978)
1979	MESSAGE	OPTION RECURSION OVER-RIDDEN BY PREVIOUS NORECURSION. (CIWARN 1979)
1980	MESSAGE	:SETCATALOG EXPECTS AN EQUAL SIGN ("=") AFTER "USER" KEYWORD (CIERR 1980).
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1981	MESSAGE	:SETCATALOG EXPECTS A TARGET USER SPECIFICATION AFTER "USER" KEYWORD OF THE FORM: **username**[.**accountname**]. (CIERR 1981).
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1983	MESSAGE	NEED "SM" CAPABILITY TO SPECIFY A USER IN A DIFFERENT ACCOUNT. (CIERR 1983)
	CAUSE	User does not have System Manager (SM) capability.
	ACTION	Ask your system manager to assign SM capability to your user name.
1984	MESSAGE	NEED "AM" OR "SM" CAPABILITY TO SPECIFY ANOTHER USER. (CIERR 1984)
	CAUSE	User does not have Account Manager (AM) or System Manager (SM) capabilities.
	ACTION	Ask your system manager to assign AM or SM capability to your user name.

1985	MESSAGE	CAN'T SPECIFY "USER" WITH EITHER "ACCOUNT" OR "SYSTEM". (CIERR 1985)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1990	MESSAGE	:SHOWCATALOG EXPECTS AN EQUAL SIGN ("=") AFTER "USER" KEYWORD (CIERR 1990).
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1991	MESSAGE	:SHOWCATALOG EXPECTS A TARGET USER SPECIFICATION AFTER "USER" KEYWORD OF THE FORM: username[.accountname]. (CIERR 1991).
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1992	MESSAGE	EXPECTED A PERIOD (".") BETWEEN USER AND ACCOUNT NAMES. (CIERR 1992)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
1993	MESSAGE	TOO MANY PARAMETERS FOR :SHOWCATALOG. EXTRAS IGNORED. (CIWARN 1993)
	CAUSE	Syntax error.
	ACTION	None. Information only.

1994	MESSAGE	COULD NOT OPEN "COMMAND.PUB.SYS" FOR SHOWCATALOG. (CIERR 1994)
	CAUSE	Same as the message.
	ACTION	Check with your system manager for the state of the file, COMMAND.PUB.SYS.
1995	MESSAGE	"SM" CAPABILITY IS NEEDED TO SPECIFY EITHER ANOTHER ACCOUNT'S USER OR TO SPECIFY SYSTEM-WIDE UDC'S. (CIERR 1995)
	CAUSE	User does not have System Manager (SM) capability.
	ACTION	Ask your system manager to assign SM capability to your user name.
1996	MESSAGE	"AM" CAPABILITY IS NEEDED TO SPECIFY ANOTHER USER IN YOUR ACCOUNT OR TO SPECIFY ACCOUNT-WIDE UDC'S. (CIERR 1996)
	CAUSE	User does not have Account Manager (AM) capability.
	ACTION	Ask your system manager to assign AM capability to your user name.
2000	MESSAGE	USER CONTAINS SPECIAL CHARACTERS. ALPHA-NUMERIC CHARACTERS, ONLY, ARE ALLOWED. (CIERR 2000).
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
2001	MESSAGE	USER NAME TOO LONG. MUST BE 1 TO 8 CHARACTERS LONG. (CIERR 2001).
	CAUSE	The user name specified exceeded 8 characters.
	ACTION	Reenter the command making sure the user name specified is within the range of 1 to 8 characters.

2002	MESSAGE	ACCOUNT NAME CONTAINS SPECIAL CHARACTERS. ALPHA-NUMERIC CHARACTERS ALLOWED ONLY. (CIERR 2002).
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
2003	MESSAGE	ACCOUNT NAME TOO LONG. EXPECTS 1 TO 8 CHARACTERS. (CIERR 2003).
	CAUSE	The account name specified exceeded 8 characters.
	ACTION	Reenter the command making sure the account name specified is within the range of 1 to 8 characters.
2004	MESSAGE	FILE NAME CONTAINS SPECIAL CHARACTERS. ALPHA-NUMERIC CHARACTERS, ONLY, ARE ALLOWED. (CIERR 2004).
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
2005	MESSAGE	UNKNOWN KEYWORD. EXPECTED :SHOWCATALOG SYNTAX IS: :SHOWCATALOG [LISTFILE][;USER=username[.accountname]]. (CIERR 2005).
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.

2006	MESSAGE	TOO MANY PARAMETERS. EXPECTED :SHOWCATALOG SYNTAX IS: :SHOWCATALOG [LIST-FILE][;USER=username[.accountname]]. (CIERR 2006).
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
2007	MESSAGE	EXPECTED AN ACCOUNT NAME FOLLOWING THE ".". (CIERR 2007).
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command making sure the account name follows the period.
2008	MESSAGE	CAN'T HAVE A TARGETUSER SPECIFICATION OF <USERNAME.@>. (CIERR 2008).
	CAUSE	The target user specification cannot contain wildcards.
	ACTION	Reenter the command making sure the target user specification does not use wildcards.
2009	MESSAGE	UNKNOWN SYNTAX. EXPECTED :SETCATALOG SYNTAX IS: :SETCATALOG [udcfile1 [,udcfile2 ...]][;SYSTEM][;ACCOUNT][;SHOW] [;USER=username[.accountname]] (CIERR 2009).
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.

2010	MESSAGE	UNKNOWN SYNTAX. EXPECTED :SHOWCATALOG SYNTAX IS: :SHOWCATALOG [LISTFILE][;USER=username[.accountname]]. (CIERR 2010).
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
2011	MESSAGE	UDCS NOT SET FOR TARGET USER DUE TO UNKNOWN OPTION KEYWORD. VALID OPTIONS: HELP/NOHELP, LIST/NOLIST, BREAK/NOBREAK, LOGON/NOLOGON. (CIERR 2011).
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
2012	MESSAGE	UDC COMMAND MUST START WITH AN ALPHABETIC CHARACTER. UDC'S NOT SET FOR TARGETUSER. (CIERR 2012).
	CAUSE	The UDC command does not start with an alphabetic character.
	ACTION	Reenter the command making sure the UDC command starts with an alphabetic character.
2013	MESSAGE	UDC COMMAND NAME TOO LONG. UDC COMMAND NAME MUST BE 1 TO 16 CHARACTERS LONG. UDC'S NOT SET FOR TARGETUSER. (CIERR 2013).
	CAUSE	The UDC command name exceeded the maximum length of 16 characters.
	ACTION	Reenter the command making sure the UDC command name is within the range of 1 to 8 characters.

2021	MESSAGE	CAN NOT WRITE TO SHOWCATALOG LIST FILE - !. (CIERR 2021)
	CAUSE	You may have backreferenced a file that is too small to contain the contents of the UDC, or to which you do not have write access.
	ACTION	If the listfile is too small, build it again and specify a larger size with the DISC parameter. If you do not have write access to the listfile, specify another file to which you do have access (or get access from the original creator of the file.)
2022	MESSAGE	FWRITE FILE NAME FAILED ON UDC LIST FILE - !. (CIERR 2022)
	CAUSE	Same as the previous message (2021).
	ACTION	Same as the previous message (2021).
2023	MESSAGE	ONLY ONE LIST FILE IN SHOWCATALOG COMMAND (CIERR 2023)
2024	MESSAGE	WARN NO DELIMITER ON LIST FILE (CIERR 2024)
	CAUSE	You entered a syntax error.
	ACTION	Check the syntax and reenter the command.
2028	MESSAGE	TOO MANY CHARACTERS IN PARAMETER NAME DEFINITION, 255 MAXIMUM. (CIERR 2028)
	CAUSE	The parameter name definition exceeded the maximum character length of 255 characters.
	ACTION	Reenter the command making sure the parameter name definition contains less than 255 characters.

2029	MESSAGE	TOO MANY CHARACTERS IN DEFAULT VALUE DEFINITION, 255 MAXIMUM. (CIERR 2029)
	CAUSE	The default value definition exceeded the maximum character length of 255 characters.
	ACTION	Reenter the command making sure the default value definition contains less than 255 characters.
2030	MESSAGE	USER COMMAND NESTING DEPTH LEVEL HIT. (CIERR 2030)
	CAUSE	Same as the message.
	ACTION	Examine the user command for excessive recursion.
2031	MESSAGE	FPOINT FAIL ON UDC FILE HEADER (CIERR 2031)
	CAUSE	Same as the message.
	ACTION	Reissue the command.
2032	MESSAGE	FPOINT FAIL ON FIRST UDC COMMAND LINE (CIERR 2032)
	CAUSE	Same as the message.
	ACTION	Reissue the command.
2033	MESSAGE	FPOINT FAIL ON GETTING NEXT UDC COMMAND LINE (CIERR 2033)
	CAUSE	Same as the message.
	ACTION	Reissue the command.
2034	MESSAGE	FPOINT FAIL ON LOGON UDC FILE HEADER (CIERR 2034)
	CAUSE	Internal error.
	ACTION	There is no action that you can take.
2035	MESSAGE	TRYING TO SEARCH FOR UDCS ON NONEXISTENT LEVEL (CIERR 2035)

2036	MESSAGE	BAD UDC COMMAND ENTRY, NOT MATCH FILE - NOT EXECUTED (CIERR 2036)
2037	MESSAGE	TOO MANY CHARACTERS IN PARAMETER NAME, 255 MAXIMUM (CIERR 2037)
	CAUSE	The parameter name definition in a UDC or user command file exceeded the maximum character length of 255 characters.
	ACTION	Reenter the command making sure the parameter name definition contains less than 255 characters.
2038	MESSAGE	TOO MANY CHARACTERS IN PARAMETER VALUE, 255 MAXIMUM (CIERR 2038)
	CAUSE	The parameter value exceeded the maximum character length of 255 characters.
	ACTION	Reenter the command making sure the parameter value contains less than 255 characters.
2039	MESSAGE	PARAMETERS DO NOT MATCH USER COMMAND DEFINITION. (CIERR 2039)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
2040	MESSAGE	UDC DIRECTORY BUILD FAILED ON OBJECT (CIERR 2040)
	CAUSE	Internal error.
	ACTION	There is no action you can take.
2041	MESSAGE	UDC DIRECTORY BUILD FAILED, CAN NOT ACCESS FILE (CIERR 2041)

2042	MESSAGE	UDC FILE NAME TOO LONG (CIERR 2042)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
2043	MESSAGE	NO PROCESS TO BUILD UDCS, FATAL ERROR (CIERR 2043)
	CAUSE	Internal error.
	ACTION	Call your support representative.
2044	MESSAGE	ASTERISK CHARACTER LINE ALREADY SEEN IN UDC FILE (CIERR 2044)
2045	MESSAGE	ONLY ONE PARAMETER LINE IN USER COMMANDS (CIERR 2045)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
2046	MESSAGE	NO USER COMMAND IN FILE, EOF FOUND (CIERR 2046)
	CAUSE	You have an empty UDC file.
	ACTION	Put some UDCs in your UDC file before using the SETCATALOG command on that UDC file.
2047	MESSAGE	NO LANGUAGE PROMPT STRING FOR OPTION LINES (CIERR 2047)
2048	MESSAGE	CAN NOT ADD ENTRY TO UDC DIRECTORY (CIERR 2048)

2049	MESSAGE	HIT LIMIT OF CATALOGING UDC FILES (CIERR 2049)
	CAUSE	An attempt was made to catalog more than 50 UDC files.
	ACTION	Use SETCATALOG DELETE to remove unecessary entries.
2050	MESSAGE	TOO MANY UDC FILES TO CATALOG, 50 MAXIMUM (CIERR 2050)
	CAUSE	An attempt was made to catalog more than 50 UDC files.
	ACTION	Use SETCATALOG DELETE to remove unecessary entries.
2051	MESSAGE	HIT MAXIMUM FILE COUNTER, YOU NEED TO RE SETCATALOG (CIERR 2051)
	CAUSE	Same as the message.
	ACTION	Use SETCATALOG DELETE to remove unecessary entries.
2052	MESSAGE	WARN TOO MANY APPEND FILES, NO SETCATALOG DONE. (CIERR 2052)
	CAUSE	Same as the message.
	ACTION	Use SETCATALOG DELETE to remove unecessary entries.
2053	MESSAGE	WARN TOO MANY APPEND FILES AT PARSE, NO SETCATALOG DONE (CIWARN 2053)
	CAUSE	Same as the message.
	ACTION	Use SETCATALOG DELETE to remove unecessary entries.
2054	MESSAGE	WARN NO NEW UDC FILES WERE ADDED (CIWARN 2054)
	CAUSE	Information only.
	ACTION	None. Information only.

2055	MESSAGE	FWRITE FNAME IN SHOW OPTION FAILED (CIERR 2055)
2056	MESSAGE	DIRECTORY BUILD FAILED ON USER LEVEL (CIERR 2056)
2057	MESSAGE	DIRECTORY BUILD FAILED ON ACCOUNT LEVEL (CIERR 2057)
2058	MESSAGE	DIRECTORY BUILD FAILED ON SYSTEM LEVEL (CIERR 2058)
2059	MESSAGE	CAN'T SPECIFY "USER" WITH "APPEND" OR "DELETE". (CIERR 2059)
	CAUSE	You entered a syntax error.
	ACTION	Check the syntax and reenter the command.
2060	MESSAGE	WARN NO UDC DIRECTORY WAS BUILT OR EXISTS (CIWARN 2060)
2061	MESSAGE	NAME LENGTH TOO LONG, 8 MAXIMUM (CIERR 2061)
	CAUSE	The name specified exceeded the maximum length of 8 characters.
	ACTION	Reenter the command making sure the name specified is within the range of 1 to 8 characters.
2062	MESSAGE	INVALID SETCATALOG FILE NAME = ! (CIERR 2062)

2063	MESSAGE	DUPLICATE COMMAND NAME IN UDC FILE ! NOT ALLOWED. (CIERR 2063)
	CAUSE	A UDC was cataloged with the same name as an existing UDC.
	ACTION	Make sure that all UDCs in cataloged UDC files have unique names. You may have to uncatalog the UDC file, change the name of the duplicate UDC, recatalog the UDC file, and then reenter the UDC.
2064	MESSAGE	BAD SYNTAX IN USER COMMAND PARM HEADER LINE. (CIERR 2064)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
2065	MESSAGE	BAD SYNTAX IN USER COMMAND OPTION HEADER LINE. (CIERR 2065)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
2066	MESSAGE	BAD SYNTAX IN USER COMMAND HEADER LINE. (CIERR 2066)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
2067	MESSAGE	JOB TABLE CORRUPTED, CANNOT DO UDCS. (CIERR 2067)
	CAUSE	Internal error.
	ACTION	There is no action you can take.

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2068	MESSAGE	SPECIAL CHARACTERS NOT ALLOWED IN UDC NAME. (CIERR 2068)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
2069	MESSAGE	AN EMPTY COMMAND FILE CANNOT BE EXECUTED. (CIERR 2069)
	CAUSE	The command file specified is empty.
	ACTION	Specify a valid command file.
2070	MESSAGE	THE COMMAND FILE CANNOT BE OPENED. (CIERR 2070)
2071	MESSAGE	CAN NOT WRITE USER COMMAND LINE. (CIERR 2071)
2073	MESSAGE	UNEXPECTED ESCAPE INITIALIZING UDC RESOURCES. (CIERR 2073)
	CAUSE	Internal error.
	ACTION	There is no action you can take.
2074	MESSAGE	CAN NOT RETRIEVE THE LOGON UDC IN THE UDC DIRECTORY. (CIERR 2074)
2075	MESSAGE	USER COMMAND CANNOT DEFINE MORE THAN 255 PARAMETERS. (CIERR 2075)
2076	MESSAGE	PARM CANNOT FOLLOW ANYPARM. (CIERR 2076)
2077	MESSAGE	ANYPARM CAN ONLY BE USED ONCE PER USER COMMAND. (CIERR 2077)
2078	MESSAGE	PARM DEFINITION IS TOO LONG. (CIERR 2078)

2079	MESSAGE	"!" IS AN INVALID PARAMETER NAME. (CIERR 2079)
2080	MESSAGE	"APPEND REQUIRES A FILENAME OR A LIST OF FILES. (CIERR 2080)
	CAUSE	SETCATALOG append option requires a filename or a list of files.
	ACTION	Check the SETCATALOG append option and provide the filename or a list of files.
2300	MESSAGE	TRYING TO DELETE FILE THAT IS NOT CATALOGED. (CIERR 2300)
	CAUSE	The DELETE option of the SETCATALOG command specified a file that is not cataloged.
	ACTION	Do not specify an uncataloged file with the DELETE option of the SETCATALOG command.
2301	MESSAGE	DELETE FILE FROM DIRECTORY FAILED. (CIERR 2301)
2500	MESSAGE	COMMAND NOT ALLOWED IN NON-INTERACTIVE ENVIRONMENT. (CIERR 2500)
2503	MESSAGE	NEW PASSWORD IS NOT CONSISTENT. (CIERR 2503)
2528	MESSAGE	NEW PASSWORD MUST BE DIFFERENT THAN OLD PASSWORD. (CIERR 2528)
2529	MESSAGE	INTERNAL SECURITY MODULE ERROR. (CIERR 2529)
2530	MESSAGE	DIRECTORY SUBSYSTEM ERROR, INFO=!, SUBSYS=!. (CIERR 2530)

2531	MESSAGE	JOB/SESSION SUBSYSTEM ERROR, INFO=!, SUBSYS=!. (CIERR 2531)
2534	MESSAGE	FILE SYSTEM FCHECK ERROR. (CIERR 2534)
2950	MESSAGE	UNKNOWN OR MISSING PARAMETER IN OPTION COMMAND. (CIWARN 2950)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
2951	MESSAGE	ONLY OPTIONS LIST AND RECURSION IN OPTION COMMAND. (CIWARN 2951)
	CAUSE	Syntax error.
	ACTION	Remove any options other than LIST or RECURSION.
2970	MESSAGE	INCONSISTENT BREAK STATE (CIWARN 2970)
3000	MESSAGE	EXECUTING THIS COMMAND BY OTHER THAN THE MASTER OPERATOR REQUIRES PERMISSION VIA THE ALLOW COMMAND. (CIERR 3000)
	CAUSE	You do not have the necessary priviledges to execute the command.
	ACTION	Have the operator execute the command, or ask the operator to use the ALLOW command so that you will have the necessary priviledges.
3001	MESSAGE	LOGICAL DEVICE NUMBERS MUST BE BETWEEN 1 AND 2175. (CIERR 3001)
3002	MESSAGE	DEVICE NUMBER > !, THE HIGHEST IN THIS CONFIGURATION. (CIERR 3002)

3003	MESSAGE	HEADON HAS EXACTLY ONE PARAMETER, THE DEVICE NUMBER. (CIERR 3003)
3004	MESSAGE	HEADOFF HAS EXACTLY ONE PARAMETER, THE DEVICE NUMBER. (CIERR 3004)
3005	MESSAGE	DEVICE MUST BE ONE OF EITHER CARD READER, PRINTER, OR CARD READ/PUNCH. (CIERR 3005)
3006	MESSAGE	EXECUTING THIS OPERATOR COMMAND BY OTHER THAN THE MASTER OPERATOR REQUIRES PERMISSION VIA THE ALLOW OR ASSOCIATE COMMANDS. (CIERR 3006)
3007	MESSAGE	DEVICE ! MUST NOT BE VIRTUAL DEVICE. (CIERR 3007)
3008	MESSAGE	GIVE HAS EXACTLY ONE PARAMETER, THE DEVICE NUMBER. (CIERR 3008)
3009	MESSAGE	TAKE HAS EXACTLY ONE PARAMETER, THE DEVICE NUMBER. (CIERR 3009)
3010	MESSAGE	DEVICE ! MUST BE DOWN BEFORE PLACING IN DIAGNOSTICS. (CIERR 3010)
3011	MESSAGE	DEVICE ! ALREADY IN DIAGNOSTICS. (CIWARN 3011)
	CAUSE	Same as message content.
	ACTION	None. Information only.
3012	MESSAGE	UP HAS EXACTLY ONE PARAMETER, THE DEVICE NUMBER. (CIERR 3012)
3013	MESSAGE	DOWN HAS EXACTLY ONE PARAMETER, THE DEVICE NUMBER. (CIERR 3013)

3014	MESSAGE	CANNOT UP DEVICE THAT IS IN DIAGNOSTICS. (CIERR 3014)
3015	MESSAGE	DEVICE ALREADY UP (CIWARN 3015)
	CAUSE	Same as message content.
	ACTION	None. Information only.
3016	MESSAGE	DEVICE ALREADY DOWN (CIWARN 3016)
	CAUSE	Same as message content.
	ACTION	None. Information only.
3017	MESSAGE	DEVICE ALREADY HAS DOWN PENDING (CIWARN 3017)
	CAUSE	Same as message content.
	ACTION	None. Information only.
3018	MESSAGE	DEVICE IN USE, DOWN PENDING (CIWARN 3018)
	CAUSE	Same as message content.
	ACTION	None. Information only.
3019	MESSAGE	ABORTIO EXPECTS ONLY ONE PARAMETER. (CIERR 3019)
3020	MESSAGE	NO REPLIES PENDING (CIWARN 3020)
	CAUSE	Same as message content.
	ACTION	None. Information only.
3021	MESSAGE	ONE OR MORE DEVICES IN THAT DEVICE CLASS ARE ASSOCIATED BY OTHERS. (CIERR 3021)
3022	MESSAGE	DEVICE ! NOT IN DIAGNOSTICS. (CIERR 3022)

3023	MESSAGE	OUTFENCE HAS 1 TO 3 PARAMETERS: PRIORITY [;LDEV= DEVICE] (CIERR 3023)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3024	MESSAGE	EXPECTED OUTFENCE BETWEEN 1 AND 14. (CIERR 3024)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3025	MESSAGE	FENCE > 14, 14 USED. (CIWARN 3025)
	CAUSE	The OUTFENCE specified was greater than 14.
	ACTION	None. Information only.
3026	MESSAGE	OUTFENCE < 1, 1 USED. (CIWARN 3026)
	CAUSE	The OUTFENCE specified was less than 1.
	ACTION	None. Information only.
3027	MESSAGE	ABORTIO HAS EXACTLY ONE PARAMETER, THE DEVICE NUMBER. (CIERR 3027)
	CAUSE	More than one parameter was specified with ABORTIO.
	ACTION	Specify only the device number when using ABORTIO.
3028	MESSAGE	NO I/O TO ABORT FOR DEVICE !. (CIWARN 3028)
	CAUSE	There was no inout/output activity to abort on the device specified with the ABORTIO command.
	ACTION	None. Information only.

3029	MESSAGE	ACCEPT HAS ONLY TWO PARAMETERS. (CIERR 3029)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3030	MESSAGE	REFUSE HAS ONLY TWO PARAMETERS. (CIERR 3030)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3031	MESSAGE	ACCEPT HAS AT LEAST ONE PARAMETER, THE DEVICE NUMBER (CIERR 3031)
	CAUSE	No parameters were specified with ACCEPT.
	ACTION	Check the syntax and reenter the command.
3032	MESSAGE	REFUSE HAS AT LEAST ONE PARAMETER, THE DEVICE NUMBER (CIERR 3032)
	CAUSE	No parameters were specified with REFUSE.
	ACTION	Check the syntax and reenter the command.
3033	MESSAGE	COMMA EXPECTED AFTER 'DATA' OR 'JOB'. (CIERR 3033)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3034	MESSAGE	EXPECTED ONE OF EITHER DATA OR JOBS. (CIERR 3034)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.

3035	MESSAGE	DEVICE IS NOT DATA OR JOB ACCEPTING. (CIERR 3035)
3036	MESSAGE	DEVICE HAS NO DEFAULT OUTPUT DEVICE. (CIERR 3036)
3037	MESSAGE	WELCOME DATA SEGMENTS BUSY. (CIERR 3037)
3038	MESSAGE	BREAKJOB HAS EXACTLY ONE PARAMETER, THE JOB ID. (CIERR 3038)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3039	MESSAGE	RESUMEJOB HAS EXACTLY ONE PARAMETER, THE JOB ID. (CIERR 3039)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3040	MESSAGE	EXPECTED JOB ID IN THE FORM #Jnnn. (CIERR 3040)
	CAUSE	The job number was ommitted or not entered correctly.
	ACTION	Reenter the command making sure the job number is entered in the form #Jnnn.
3041	MESSAGE	JOB NUMBER MUST BE WITHIN 1 AND 16383. (CIERR 3041)
	CAUSE	The job number entered was less than 1 or greater than 16,383.
	ACTION	Reenter the command using a job number between 1 and 16,383.

3042	MESSAGE	JOB DOES NOT EXIST. (CIERR 3042)
	CAUSE	The job specified with the BREAKJOB command does not exist.
	ACTION	Reenter the command using a valid job number.
3043	MESSAGE	BREAKJOB REQUIRES JOB TO BE ACTIVE. (CIERR 3043)
	CAUSE	The job specified with the BREAKJOB command is not active.
	ACTION	Use the BREAKJOB command for active jobs only. Use the SHOWJOB command to determine the state of the jobs (ACTIVE, READY, etc.).
3044	MESSAGE	RESUMEJOB REQUIRES JOB TO BE SUSPENDED. (CIERR 3044)
	CAUSE	The RESUMEJOB command was issued for a job that was not suspended with the BREAKJOB command.
	ACTION	Use the RESUMEJOB command only for jobs suspended with the BREAKJOB command.
3045	MESSAGE	CANT SPECIFY INPRI OF 0 OR 14 WITHOUT AM CAP. (CIERR 3045)
	CAUSE	User does not have Account Manager (AM) capability.
	ACTION	Ask your system manager to assign AM capability to your user name, or use an INPRI value between 1 and 13.

3046	MESSAGE	JOB IN TERMINATION, CANNOT SUSPEND OR RESUME. (CIERR 3046)
	CAUSE	The BREAKJOB or RESUMEJOB command was issued specifying a job that has already been terminated with the ABORTJOB command.
	ACTION	Use BREAKJOB for active jobs only; use RESUMEJOB for suspended jobs only.
3047	MESSAGE	JOB SECURITY IS HIGH OR JOB NOT YOURS, CANNOT SUSPEND, RESUME, ALTER, OR ABORT. (CIERR 3047)
	CAUSE	The command entered is executable from the console only unless distributed with the ALLOW command, or if the JOBSECURITY is set to LOW.
	ACTION	Issue the command from the console, or have the operator set JOBSECURITY to LOW.
3048	MESSAGE	REPLY HAS AT LEAST TWO PARAMETERS. (CIERR 3048)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3049	MESSAGE	REPLY HAS ONLY THREE PARAMETERS. (CIERR 3049)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3050	MESSAGE	EXPECTED PROCESS NUMBER BETWEEN 1 AND !. (CIERR 3050)
	CAUSE	The process number specified is not within the valid range.
	ACTION	Reenter the command making sure the process number specified is within the valid range.

3051	MESSAGE	NO REPLY OUTSTANDING FOR PROCESS. (CIERR 3051)
3052	MESSAGE	REPLY EXPECTED YES/NO OR NUMBER. (CIERR 3052)
3053	MESSAGE	REPLY EXPECTED YES/NO. (CIERR 3053)
3054	MESSAGE	REPLY EXPECTED NUMBER. (CIERR 3054)
3055	MESSAGE	ASSOCIATE HAS EXACTLY 1 PARAMETER, THE DEVICE CLASS. (CIERR 3055)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3056	MESSAGE	DISASSOCIATE HAS ONLY 1 PARAMETER, THE DEVICE CLASS. (CIERR 3056)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3057	MESSAGE	YOU ALREADY HAVE ASSOCIATED ONE OR MORE DEVICES IN THAT DEVICE CLASS. (CIERR 3057)
	CAUSE	A device class was specified with the ASSOCIATE command that already has one or more devices associated.
	ACTION	Refer to the ASSOCIATE command in the *MPE/iX Commands Reference Manual, (32650-90003)* for additional information.

3058	MESSAGE	EXECUTING THIS COMMAND REQUIRES PRIOR ASSOCIATION TO THAT DEVICE CLASS. (CIERR 3058)
	CAUSE	The DISASSOCIATE command was used for a device class that has not been associated with the ASSOCIATE command.
	ACTION	Use the DISASSOCIATE command only for devices that have been associated with the ASSOCIATE command.
3059	MESSAGE	ASSOCIATING THIS DEVICE REQUIRES SYSTEM MANAGER'S PERMISSION. (CIERR 3059)
	CAUSE	The ASSOCIATE command was used for a device class that has not been defined in the device class/user association table.
	ACTION	The system manager must run ASOCTBL.PUB.SYS in order to create a device class/user association table.
3060	MESSAGE	THIS REPLY EXPECTS ONLY TWO PARAMETERS. (CIERR 3060)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3061	MESSAGE	REPLY STRING TOO LONG, ! CHARACTERS AT MOST EXPECTED. (CIERR 3061)
3062	MESSAGE	JOBFENCE HAS EXACTLY ONE PARAMETER, THE JOB PRIORITY. (CIERR 3062)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.

3063	MESSAGE	EXPECTED JOBFENCE PRIORITY BETWEEN 0 AND 14. (CIERR 3063)
	CAUSE	The jobfence priority range specified was not within the range of 0 and 14.
	ACTION	Specify a priority between 0 and 14 with the JOBFENCE command.
3064	MESSAGE	PRIORITY < 0, 0 USED. (CIWARN 3064)
	CAUSE	A negative number was specified as the priority fence.
	ACTION	None. Information only.
3065	MESSAGE	COMMA EXPECTED BETWEEN REPLY PARAMETERS. (CIERR 3065)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3066	MESSAGE	STREAMS HAS EXACTLY ONE PARAMETER, THE DEVICE NUMBER. (CIERR 3066)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3067	MESSAGE	STREAMS DEVICE CANT BE A TERMINAL. (CIERR 3067)
	CAUSE	The logical device specified with the STREAMS command is a terminal.
	ACTION	Any input device except the System Console or terminals may be used with the STREAMS command, providing that it was configured as job-accepting in the SYSGEN dialog.

3068	MESSAGE	STREAMS DEVICE NOT DATA AND JOB ACCEPTING. (CIERR 3068)
	CAUSE	The input device specified with the STREAMS command was not configured as job-accepting in the SYSGEN dialog.
	ACTION	Any input device except the system console or terminals may be used with the STREAMS command, providing that it was configured as job-accepting in the SYSGEN dialog.
3069	MESSAGE	CONSOLE HAS AT MOST ONE PARAMETER, THE DEVICE NUMBER. (CIERR 3069)
	CAUSE	More than one parameter was specified with the CONSOLE command.
	ACTION	Use the CONSOLE command without parameters to report the current logical device number of the console, or use with a logical device number to change the console to a new device.
3070	MESSAGE	DEVICE MUST BE JOB ACCEPTING. (CIERR 3070)
	CAUSE	The input device specified was not configured as job-accepting in the SYSGEN dialog.
	ACTION	Any input device except the system console or terminals may be used with the STREAMS command, providing that it was configured as job-accepting in the SYSGEN dialog.
3071	MESSAGE	EXPECTED ONE OF JOB OR SESSION LIMIT. (CIERR 3071)
	CAUSE	The LIMIT command was entered without parameters.
	ACTION	Use at least one parameter with LIMIT.

3072	MESSAGE	LIMIT HAS AT MOST TWO PARAMETERS. (CIERR 3072)
	CAUSE	Syntax error. More than two parameters were specified with the LIMIT command.
	ACTION	Check the syntax and reenter the command.
3073	MESSAGE	LIMIT EXPECTS A COMMA BETWEEN PARAMETERS. (CIERR 3073)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3074	MESSAGE	EXPECTED SESSION LIMIT BETWEEN 0 AND 32767. (CIERR 3074)
	CAUSE	The session limit parameter value specified with the LIMIT command was not within the valid range of 0 and 32,767.
	ACTION	Use a value between 0 and 32,767 when specifying the session limit with the LIMIT command.
3075	MESSAGE	EXPECTED JOB LIMIT BETWEEN 0 AND 32767. (CIERR 3075)
	CAUSE	The job limit parameter value specified with the LIMIT command was not within the valid range of 0 and 32,767.
	ACTION	Use a value between 0 and 32,767 when specifying the job limit with the LIMIT command.
3076	MESSAGE	EXPECTED ONE OF JOB NUMBER OR JOB NAME. (CIERR 3076)
	CAUSE	The job number or job name was ommitted from the command entry.
	ACTION	Reenter the command making sure you specify either the job number or job name.

3077	MESSAGE	DEVICE NOT OUTPUT DEVICE. (CIERR 3077)
	CAUSE	The logical device specified in the command is not an output device.
	ACTION	Reenter the command making sure the the logical device specified is a valid output device.
3078	MESSAGE	EXPECTED JOB NUMBER IN FORM OF #Jnnn. (CIERR 3078)
	CAUSE	The job number was ommitted or not entered in the correct form.
	ACTION	Reenter the command making sure the job number is entered in the form #Jnnn.
3079	MESSAGE	EXPECTED ONE OF #Jnnn OR #Snnn. (CIERR 3079)
	CAUSE	The job number or session number was ommitted or not entered in the correct form.
	ACTION	Reenter the command making sure the job number or the session number is entered in the correct form.
3080	MESSAGE	EXPECTED [JOBNAME,]USERNAME.ACCOUNTNAME. (CIERR 3080)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3081	MESSAGE	USER NAME AND ACCOUNT NAME ARE AT MOST 8 CHARACTERS. (CIERR 3081)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.

3082	MESSAGE	EXPECTED PERIOD BETWEEN USER AND ACCOUNT NAMES. (CIERR 3082)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3083	MESSAGE	CANNOT ABORT JOB BEING INTRODUCED. (CIERR 3083)
	CAUSE	An attempt was made to abort a job that is being introduced.
	ACTION	Use ABORTJOB only for jobs that are in the WAIT, SCHEDULE, or EXEC state.
3084	MESSAGE	EXPECTED ACCOUNT NAME. (CIERR 3084)
	CAUSE	The account name was ommitted from the command entry.
	ACTION	Reenter the command making sure the account name is included.
3085	MESSAGE	USER AND ACCOUNT NAMES MUST BE AT LEAST 1 CHARACTER. (CIERR 3085)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3086	MESSAGE	EXPECTED ONE OF INPRI OR OUTDEV. (CIERR 3086)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3087	MESSAGE	EXPECTED SEMICOLON PRECEDING PARAMETER. (CIERR 3087)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.

3088	MESSAGE	EXPECTED "=" FOLLOWING PARAMETER. (CIERR 3088)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3089	MESSAGE	ALTJOB EXPECTS AT LEAST JOB NUMBER AND ONE OF EITHER INPRI OR OUTDEV. (CIERR 3089)
	CAUSE	No parameters were entered with the ALTJOB command.
	ACTION	Reenter the ALTJOB command making sure the job number and either the input priority (INPRI) or the destination device (OUTDEV) parameters are specified.
3090	MESSAGE	DEVICE OR DEVICE CLASS DOES NOT EXIST IN THIS CONFIGURATION. (CIERR 3090)
	CAUSE	The destination device specified with the ALTJOB command does not exist.
	ACTION	Reenter the command making sure the device specified is valid.
3091	MESSAGE	JOB MUST BE IN INTRO, SCHED, OR WAIT STATE. (CIERR 3091)
	CAUSE	The ALTJOB command was entered specifying a job that is currently running or has completed.
	ACTION	Use ALTJOB only for jobs that are in the INTRO, WAIT, or SCHED state.
3092	MESSAGE	INDIRECT FILE CAN'T BE SYSTEM FILE. (CIERR 3092)
	CAUSE	The indirect file specified is a system file.
	ACTION	Use the name of a normal file.

3093	MESSAGE	INDIRECT MUST BE ASCII AND NOT CCTL. (CIERR 3093)
	CAUSE	Same as message content.
	ACTION	Make sure the file has the proper attributes.
3094	MESSAGE	EXPECTED ONE OF FILE= OR USER.ACCT;COMMANDS=. (CIERR 3094)
	CAUSE	The ALLOW command was entered without parameters.
	ACTION	Reenter the ALLOW command with the appropriate parameter(s).
3095	MESSAGE	EXPECTED USERNAME. (CIERR 3095)
	CAUSE	The user name was ommitted from the command entry.
	ACTION	Reenter the command making sure the user name is included.
3096	MESSAGE	EXPECTED COMMA BETWEEN COMMAND NAMES. (CIERR 3096)
	CAUSE	The delimiter is missing between the command names in the COMMANDS= parameter of the ALLOW command.
	ACTION	Reenter the ALLOW command making sure the commands in the COMMANDS= parameter are separated by a comma.
3097	MESSAGE	EXPECTED ;COMMANDS= . (CIERR 3097)
	CAUSE	The COMMANDS= parameter was missing from the ALLOW command.
	ACTION	Reenter the ALLOW command making sure the COMMANDS= parameter is included.

3098	MESSAGE	NO SUCH OPERATOR COMMAND. (CIERR 3098)
	CAUSE	A command was specified with the ALLOW command that is not an operator command.
	ACTION	Reenter the ALLOW command making sure the commands specified are valid operator commands.
3099	MESSAGE	ALLOW AND DISALLOW HAVE AT MOST 20 PARAMETERS. (CIERR 3099)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3100	MESSAGE	UNEXPECTED I/O ERROR IN INPUT FILE OR $STDIN. (CIERR 3100)
	CAUSE	Internal error.
	ACTION	There is no action you can take.
3101	MESSAGE	NONE OF THE SPECIFIED USER(S) LOGGED ON. (CIERR 3101)
	CAUSE	The users specified with the ALLOW command are not logged on.
	ACTION	If you wish to ALLOW capabilities to all users, set the @.@ option.
3102	MESSAGE	EXPECTED ONE OF EITHER ON OR OFF. (CIERR 3102)
	CAUSE	You entered an incorrect value, or forgot to enter a value.
	ACTION	Reenter the command making sure that the ON or OFF parameter is specified.

3104	MESSAGE	EXPECTED AT LEAST VOLUMESET.GROUP.ACCOUNT. (CIERR 3104)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3105	MESSAGE	LMOUNT EXPECTS VOLUME-SET.GROUP.ACCOUNT[;GEN=GENINDEX] (CIERR 3105)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3106	MESSAGE	LDISMOUNT HAS EXACTLY 3 PARAMETERS. (CIERR 3106)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3107	MESSAGE	EXPECTED SET NAME OR "*". (CIERR 3107)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3108	MESSAGE	EXPECTED '.' FOLLOWING SET NAME. (CIERR 3108)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3109	MESSAGE	EXPECTED '.' FOLLOWING GROUP NAME. (CIERR 3109)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.

3110	MESSAGE	EXPECTED ;GEN= . (CIERR 3110)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3111	MESSAGE	EXPECTED GENERATION NUMBER BETWEEN 0 AND 65535. (CIERR 3111)
	CAUSE	Same as the message.
	ACTION	Reenter the command making sure the generation is within the valid range of 0 and 65,535.
3112	MESSAGE	MON HAS AT MOST ! PARAMETERS. (CIERR 3112)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3113	MESSAGE	MON EXPECTS AT LEAST ONE PARAMETER, THE DEVICE NUMBER. (CIERR 3113)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3114	MESSAGE	SYSTEM BUFFERS UNAVAILABLE FOR MONITORING. (CIERR 3114)
3115	MESSAGE	DEVICE MUST BE TAPE FOR USE BY MONITORING. (CIERR 3115)
3116	MESSAGE	DEVICE MUST BE DOWN FOR USE BY MONITORING. (CIERR 3116)
3117	MESSAGE	EXPECTED ;E= . (CIERR 3117)

3118	MESSAGE	ASOCIATE TABLE INCOMPATIBLE WITH OS. USE ASOCTBL.PUB.SYS TO RECREATE ASOCIATE.PUB.SYS. (CIERR 3118)
3120	MESSAGE	EXPECTED COMMA FOLLOWING MASK. (CIERR 3120)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3121	MESSAGE	IGNORED NULL MASK. (CIWARN 3121)
	ACTION	None. Information only.
3122	MESSAGE	MASK MUST BE A NUMBER BETWEEN 0 AND 25. (CIERR 3122)
	CAUSE	Same as the message.
	ACTION	Reenter the command making sure the values specified for the MASK is within the valid range of 0 and 25.
3123	MESSAGE	NS SUBSYSTEM NOT INSTALLED IN THIS SYSTEM. (CIERR 3123)
	CAUSE	The NS3000/XL AdvanceNet subsystem is not installed.
3124	MESSAGE	MULTIPOINT CAPABILITY NOT INSTALLED IN THIS SYSTEM. (CIERR 3124)
3125	MESSAGE	MRJE SUBSYSTEM NOT INSTALLED IN THIS SYSTEM. (CIERR 3125)
3126	MESSAGE	AUTO IS ONLY VALID MODIFIER TO 'ON' PARAMETER. (CIERR 3126)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.

3127	MESSAGE	SETNAME MUST BE BETWEEN 1 AND 8 CHARACTERS AND HAVE NO EMBEDDED NON-ALPHANUMERIC CHARACTERS. (CIERR 3127)
	CAUSE	The SETNAME specified is not a valid name.
	ACTION	Reenter the command making sure the SETNAME specified is a valid name.
3128	MESSAGE	JOBSECURITY HAS ONLY 1 PARAMETER, THE SECURITY LEVEL. (CIERR 3128)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3129	MESSAGE	EXPECTED ONE OF EITHER HIGH OR LOW. (CIERR 3129)
	CAUSE	The command entry is missing a parameter.
	ACTION	Reenter the command making sure the HIGH or LOW parameter is included.
3130	MESSAGE	CONSOLE DEVICE MUST BE JOB-ACCEPTING TERMINAL. (CIERR 3130)
3131	MESSAGE	CONSOLE DEVICE CANNOT BE MULTIPOINT OR DS PSEUDO-TERMINAL. (CIERR 3131)
3132	MESSAGE	DEVICE CLASS NOT ASSOCIATED. (CIERR 3132)
3137	MESSAGE	EXPECTED FILE=FORMALDESIGNATOR[;SHOW] (CIERR 3137)
3138	MESSAGE	EXPECTED ;SHOW (CIERR 3138)

3141	MESSAGE	NO SUCH DEVICE CLASS IN THIS CONFIGURATION. (CIERR 3141)
3142	MESSAGE	THIS COMMAND IS ONLY AVAILABLE TO SESSIONS (CIERR 3142).
3143	MESSAGE	LDEV NOT IN INPUT DEVICE DIRECTORY. (CIERR 3143)
3144	MESSAGE	CONSOLE IS BUSY, REQUEST IGNORED. (CIERR 3144).
3146	MESSAGE	OUTFENCE EXPECTS UP TO 3 PARMS: OUTPUTPRIORITY [; LDEV= DEVICE NUMBER] (CIERR 3146)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3147	MESSAGE	EXPECTED DEVICE SPECIFICATION: OUTFENCE priority [;LDEV = device number]. (CIERR 3147)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3148	MESSAGE	LDEV NOT IN OUTPUT DEVICE DIRECTORY. (CIERR 3148)
3149	MESSAGE	CONSOLE NOT SWITCHED; DEVICE IS DOWN OR DOWN PENDING (CIERR 3149
3150	MESSAGE	DOWN NOT PERFORMED ON CONSOLE DEVICE (CIERR 3150)
3151	MESSAGE	THE DOWN COMMAND IS NOT APPLICABLE TO DISCS. (CIERR 3151)

3160	MESSAGE	CANNOT ABORT I/O ON A DISK DRIVE. (CIERR 3160)
3161	MESSAGE	HLIO INTERNAL ERROR. COMMAND CANNOT BE EXECUTED. (CIERR 3161)
3170	MESSAGE	FILE NAME CONTAINS EMBEDDED NON-ALPHANUMERIC CHARS. CONFIGURED TERMINAL TYPE USED. (CIWARN 3170)
3171	MESSAGE	EMBEDDED NON-ALPHANUMERIC CHAR. IN LOCKWORD. CONFIGURED TERMINAL TYPE USED. (CIWARN 3171)
3172	MESSAGE	EMBEDDED NON-ALPHANUMERIC CHAR. IN GROUP NAME. CONFIGURED TERMINAL TYPE USED. (CIWARN 3172)
	ACTION	None. Information only.
3173	MESSAGE	EMBEDDED NON-ALPHANUMERIC CHAR. IN ACCOUNT NAME. CONFIGURED TERMINAL TYPE USED. (CIWARN 3173)
	ACTION	None. Information only.
3174	MESSAGE	FILE NAME GREATER THAN 8 CHARACTERS LONG. CONFIGURED TERMINAL TYPE USED. (CIWARN 3174)
	ACTION	None. Information only.
3175	MESSAGE	LOCKWORD GREATER THAN 8 CHARACTERS LONG. CONFIGURED TERMINAL TYPE USED. (CIWARN 3175)
	ACTION	None. Information only.
3176	MESSAGE	GROUP NAME GRATER THAN 8 CHARACTERS LONG. CONFIGURED TERMINAL TYPE USED. (CIWARN 3176)
	ACTION	None. Information only.

3177	MESSAGE	ACCOUNT NAME GREATER THAN 8 CHARACTERS LONG. CONFIGURED TERMINAL TYPE USED. (CIWARN 3177)
	ACTION	None. Information only.
3178	MESSAGE	FIRST CHARACTER IN FILE NAME NOT ALPHABETIC. CONFIGURED TERMINAL TYPE USED. (CIWARN 3178)
	ACTION	None. Information only.
3179	MESSAGE	FIRST CHARACTER IN LOCKWORD NOT ALPHABETIC. CONFIGURED TERMINAL TYPE USED. (CIWARN 3179)
	ACTION	None. Information only.
3180	MESSAGE	FIRST CHARACTER IN GROUP NAME NOT ALPHABETIC. CONFIGURED TERMINAL TYPE USED. (CIWARN 3180)
	ACTION	None. Information only.
3181	MESSAGE	FIRST CHARACTER IN ACCOUNT NAME NOT ALPHABETIC. CONFIGURED TERMINAL TYPE USED. (CIWARN 3181)
	ACTION	None. Information only.
3182	MESSAGE	UNIDENTIFIABLE FILE SET NAME. CONFIGURED TERMINAL TYPE USED. (CIWARN 3182)
	ACTION	None. Information only.
3200	MESSAGE	EXPECTED SPOOLFILE DEVICEFILE ID (CIERR 3200).

3201	MESSAGE	DELETESPOOLFILE REQUIRES EXACTLY ONE PARAMETER, AN LDEV OR A DFID OF #Onnn OR #Innn. (CIERR 3201)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3202	MESSAGE	EXPECTED LDEV OR DEVICEFILE ID OF #Onnn or #Innn (CIERR 3202).
3203	MESSAGE	DEVICEFILE ID MUST BE A POSITIVE INTEGER < 16383. (CIERR 3203).
3204	MESSAGE	SPOOLFILE ID DOES NOT EXIST (CIERR 3204).
3205	MESSAGE	SPOOLFILE NOT IN READY STATE. (CIERR 3205).
3206	MESSAGE	DEVICEFILE ID MUST START WITH "#" (CIERR 3206).
3207	MESSAGE	SPOOLFILE IS ACTIVE ON LDEV \; DELETED. (CIWARN 3207).
3208	MESSAGE	EXPECTED DEVICEFILE ID IN THE FORM #Onnn. (CIERR 3208).
3209	MESSAGE	EXPECTED ONE OF DEV, PRI, COPIES, DEFER. (CIERR 3209).
3210	MESSAGE	EXPECTED NUMBER 1<= COPIES <= 127. (CIERR 3210).
3211	MESSAGE	ALTSPOOLFILE EXPECTS AT LEAST DEVICEFILEID AND ONE OF EITHER PRI, DEV, COPIES, DEFER. (CIERR 3211).

3212	MESSAGE	EXPECTED PRIORITY BETWEEN 0 AND 14. (CIERR 3212).
3213	MESSAGE	STARTSPOOL REQUIRES EXACTLY 1 PARAMETER, THE LDEV OR DEVICE CLASS. (CIERR 3213).
3214	MESSAGE	THE DEVICE CLASS CONTAINS MORE THAN 8 CHARACTERS. (CIERR 3214).
3215	MESSAGE	THE DEVICE CLASS IS NOT CONFIGURED IN THIS SYSTEM. (CIERR 3215).
3216	MESSAGE	EXPECTED REPLY OF "IN" OR "OUT". (CIERR 3216).
3217	MESSAGE	DEVICE IS NOT CORRECT TYPE FOR SPOOLEE. (CIERR 3217).
3218	MESSAGE	DEVICE IS ALREADY SPOOLED OUT. (CIERR 3218).
3219	MESSAGE	DEVICE IS ALREADY SPOOLED IN. (CIERR 3219).
3220	MESSAGE	DEVICE IS OWNED BY ANOTHER PROCESS. (CIERR 3220).
3221	MESSAGE	DEVICE IS NOT JOB/DATA ACCEPTING. (CIERR 3221).
3222	MESSAGE	DEVICE IS OWNED BY DIAGNOSTICS. (CIERR 3222).
3223	MESSAGE	UNABLE TO GET SPOOLER STACK. (CIERR 3223).

3224	MESSAGE	UNABLE TO CREATE SPOOLER PROCESS. (CIERR 3224).
3225	MESSAGE	STOPSPOOL REQUIRES EXACTLY 1 PARAMETER, THE LDEV OR DEVICE CLASS. (CIERR 3225).
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3226	MESSAGE	THE SPOOLER PROCESS IS BUSY, TRY AGAIN. (CIERR 3226).
	CAUSE	Same as message content.
	ACTION	Try again later.
3227	MESSAGE	CANNOT DELETE $STDIN WITH DELETESPOOLFILE, USE ABORTJOB. (CIERR 3227)
3228	MESSAGE	DEVICE IS NOT SPOOLED. (CIERR 3228).
3229	MESSAGE	EXPECTED ONE OF LDEV AND OPTIONALLY "FINISH". (CIERR 3229).
3230	MESSAGE	SUSPENDSPOOL EXPECTS 1 OR 2 PARMS: LDEV [;FINISH]. (CIERR 3230)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3231	MESSAGE	SUSPENDSPOOL EXPECTS "FINISH" AS SECOND PARAMETER. (CIERR 3231).

3232	MESSAGE	RESUMESPOOL REQUIRES AT LEAST ONE PARAMETER, THE LDEV. (CIERR 3232).
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3233	MESSAGE	SPECIFICATION OF DEFER OVERRIDES PREVIOUS PRI. (CIWARN 3233).
	ACTION	None. Information only.
3234	MESSAGE	SPECIFICATION OF PRI OVERRIDES PREVIOUS DEFER. (CIWARN 3234).
	ACTION	None. Information only.
3235	MESSAGE	SPECIFICATION OF PRI OVERRIDES PREVIOUS PRI. (CIWARN 3235).
	ACTION	None. Information only.
3236	MESSAGE	SPOOLFILE IS ACTIVE ON LDEV. NOT DELETED. (CIERR 3236).
3237	MESSAGE	DEVICE IS NOT SPOOLED FOR OUTPUT. (CIERR 3237).
3238	MESSAGE	EXPECTED EITHER "BACK" OR "FORWARD" OR "BEGINNING" . (CIERR 3238).
3239	MESSAGE	EXPECTED RANGE OF 1 TO 256. (CIERR 3239).
3240	MESSAGE	EXPECTED EITHER "PAGES" OR "FILES". (CIERR 3240).
3241	MESSAGE	EXPECTED AT MOST FOUR PARMS: LDEV, "BACK"/"FORWARD"/"BEGINNING", COUNT,"PAGES"/"FILES". (CIERR 3241).

3242	MESSAGE	EXPECTED DEVICE CLASS NAME UP TO 8 CHARACTERS LONG. (CIERR 3242).
3243	MESSAGE	DEVICE CLASS NOT CONFIGURED IN THIS INSTALLATION. (CIERR 3243).
3244	MESSAGE	DEVICE CLASS IS ALREADY SPOOLED. (CIERR 3244).
3245	MESSAGE	DEVICE CLASS IS NOT SPOOLED. (CIERR 3245).
3246	MESSAGE	DEVICE CLASS TYPE IS NOT VALID OUTPUT SPOOLEE. (CIERR 3246).
3247	MESSAGE	EXECUTING THIS OPERATOR COMMAND BY OTHER THAN THE MASTER OPERATOR REQUIRES PERMISSION BY THE ALLOW OR ASSOCIATE COMMANDS. (CIERR 3247)
3248	MESSAGE	LDEV HAS NO ACTIVE SPOOLFILE (CIERR 3248)
3249	MESSAGE	EXTRA PARMS AFTER "BEGINNING" (CIERR 3249)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3250	MESSAGE	EXPECTED BLANK DELIMITER (CIERR 3250)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.

3251	MESSAGE	EXPECTED ONE OF LDEV [;SHUTQ] (CIERR 3251)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3252	MESSAGE	EXPECTED ONE OF LDEV [;OPENQ] (CIERR 3252)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3253	MESSAGE	STARTSPOOL EXPECTS LDEV AND OPTIONALLY SHUTQ (CIERR 3253)
3254	MESSAGE	STOPSPOOL EXPECTS LDEV AND OPTIONALLY OPENQ (CIERR 3254)
3255	MESSAGE	STARTSPOOL EXPECTS SHUTQ (CIERR 3255)
3256	MESSAGE	STOPSPOOL EXPECTS OPENQ (CIERR 3256)
3257	MESSAGE	NO OTHER PARMS ALLOWED WHEN DEVICE CLASS SPECIFIED (CIERR 3257)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3258	MESSAGE	DEVICE IS ALREADY ACTIVE, USE :SUSPENDSPOOL FIRST (CIERR 3258)
3259	MESSAGE	SHUTQ OPTION IS NOT MEANINGFUL FOR INPUT SPOOLEE (CIERR 3259).

3260	MESSAGE	OPENQ OPTION IS NOT MEANINGFUL FOR INPUT SPOOLEE (CIERR 3260)
3261	MESSAGE	DEVICE IS DOWN. UNAVAILABLE. (CIERR 3261)
3262	MESSAGE	OPENQ HAS EXACTLY ONE PARAMETER, A DEVICE NUMBER OR CLASS. (CIERR 3262)
3263	MESSAGE	SHUTQ HAS EXACTLY ONE PARAMETER, A DEVICE NUMBER OR CLASS. (CIERR 3263)
3264	MESSAGE	EXPECTED LDEV OR DEVICE CLASS. (CIERR 3264)
3265	MESSAGE	DEVICE QUEUE ALREADY OPEN. (CIWARN 3265)
	ACTION	None. Information only.
3266	MESSAGE	DEVICE CLASS QUEUE ALREADY OPEN. (CIWARN 3266)
	ACTION	None. Information only.
3267	MESSAGE	DEVICE QUEUE ALREADY SHUT. (CIWARN 3267)
	ACTION	None. Information only.
3268	MESSAGE	DEVICE CLASS QUEUE ALREADY SHUT. (CIWARN 3268)
	ACTION	None. Information only.
3269	MESSAGE	DEVICE HAS BEEN FLAGGED AS BROKEN BY DIAGNOSTICS. (CIWARN 3269)
	ACTION	None. Information only.

3282	MESSAGE	NO FILE EQUATIONS EXIST. (CIWARN 3282)
	ACTION	None. Information only.
3284	MESSAGE	NO TEMPORARY FILES EXIST. (CIWARN 3284)
	ACTION	None. Information only.
3285	MESSAGE	LIST LEVEL OF LISTFTEMP MUST BE AN INTEGER BETWEEN -1 AND 3. (CIWARN 3285)
	ACTION	None. Information only.
3286	MESSAGE	LISTFTEMP WITH LISTLEVEL -1 REQUIRES SM OR AM CAPABILITY (CIERR 3286)
	CAUSE	User does not have System Manager (SM) or Account Manager (AM) capabilities.
	ACTION	Ask your system manager to assign SM or AM capability to your user name.
3287	MESSAGE	LISTFTEMP EXPECTED ";" FOLLOWED BY A LISTFILE NAME. (CIERR 3287)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3288	MESSAGE	LISTFTEMP EXPECTS NO MORE THAN 3 PARAMETERS. (CIERR 3288)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3289	MESSAGE	TEMPORARY FILE NOT FOUND. (CIWARN 3289)
	CAUSE	Same as message content.
	ACTION	None. Information only.

3290	MESSAGE	UNEXPECTED RIT STATUS = !. (CIERR 3290)
3291	MESSAGE	REPLY REQUIRES THREE PARAMETERS. (CIERR 3291)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3301	MESSAGE	DEVICE MUST BE 2608 OR 2631 LINE PRINTER, LDEV = !. (CIERR 3301)
3302	MESSAGE	MARGIN MUST BE NUMERIC . (CIERR 3302)
3303	MESSAGE	MARGIN MUST BE BETWEEN 1 AND 16. (CIERR 3303)
3304	MESSAGE	TOO MANY PARAMETERS. EXPECTED MARGIN = "nn". (CIERR 3304)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3305	MESSAGE	SETTING OF MARGIN FAILED ON LDEV !. (CIERR 3305)
3306	MESSAGE	INCORRECT PARAMETER SPECIFICATION. EXPECTED EITHER VFC FILE OR "MARGIN=<offset>". (CIERR 3306)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.

3307	MESSAGE	DOWNLOAD MUST HAVE AT LEAST TWO PARAMETERS. LDEV AND FILENAME OR MARGIN. (CIERR 3307).
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3308	MESSAGE	LOGICAL DEVICE NUMBER MUST BE NUMERIC. (CIERR 3308)
3309	MESSAGE	LOGICAL DEVICE NUMBER IS INVALID. (CIERR 3309)
3310	MESSAGE	DEVICE MUST BE A 2608A LINE PRINTER, LDEV = !. (CIERR 3310)
3311	MESSAGE	FIRST CHARACTER IN FILE NAME MUST BE ALPHABETIC. (CIERR 3311)
	CAUSE	The first character in the specified file name is not alphabetic.
	ACTION	Reenter the command making sure the file name specified is valid.
3312	MESSAGE	FOPEN ERROR (!). (CIERR 3312)
3313	MESSAGE	EXPECTED COMMA TO DELIMIT COMMENT. (CIERR 3313)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3314	MESSAGE	VFC OR MARGIN MUST HAVE AT LEAST ONE PARAMETER. (CIERR 3314)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.

3315	MESSAGE	VFC LINES PER INCH MUST BE NUMERIC. (CIERR 3315)
3316	MESSAGE	VFC NUMBER OF PRINTLINES MUST BE NUMERIC. (CIERR 3316)
3317	MESSAGE	VFC CANNOT EXCEED 127 LINES/FORM. (CIERR 3317)
3318	MESSAGE	WARNING: OPERATOR MUST REALIGN TOP OF FORM AFTER THIS PRINTJOB COMPLETES ON LDEV ! (CIWARN 3318)
3319	MESSAGE	VFC DOWNLOAD FAILED ON LDEV !. (CIERR 3319)
3320	MESSAGE	THERE ARE NO SYSTEM BUFFERS AVAILABLE FOR DOWNLOAD. (CIERR 3320)
3321	MESSAGE	VFC CANNOT HAVE NEGATIVE LENGTH (CIERR 3321).
3322	MESSAGE	EXPECTED EITHER "VFC,lines/inch,lines/page[,comment]" OR "MARGIN=start column" OR "MODE={FEATURE/TRANSPARENT}". (CIERR 3322)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3323	MESSAGE	EXPECTED TWO PARAMETERS FOR VFC. (CIERR 3323)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.

3324	MESSAGE	THE "MARGIN" RECORD MUST BE FIRST (OR SECOND IF "MODE" IS PRESENT) RECORD IN THE VFC FILE. (CIERR 3324)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3325	MESSAGE	THE "VFC" RECORD MUST BE THE FIRST FOLLOWING THE OPTIONAL "MODE" AND "MARGIN" RECORDS IN VFC FILE. (CIERR 3325)
3326	MESSAGE	EXPECTED COMMA DELIMITERS IN THE "VFC" RECORD. (CIERR 3326)
3327	MESSAGE	DOWNLOAD EXPECTS A COMMA AFTER THE DEVICE NUMBER. (CIERR 3327)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3328	MESSAGE	BAD CHARACTER(S) IN VFC CHANNEL DEFINITION LINE. LEGAL CHARACTERS ARE " ", "0", AND "1". (CIERR 3328)
3329	MESSAGE	IMPROPER LINES-PER-INCH SPECIFIED. "6" LPI USED. (CIWARN 3329)
3330	MESSAGE	EXTRA VFC FILE LINE. FURTHER DOWNLOADING STOPPED. (CIERR 3330)
3331	MESSAGE	ONLY THE 2608S LINE PRINTER SUPPORTS "MODE" VFCS. (CIERR 3331)

3332	MESSAGE	TOO MANY PARAMETERS FOR "MODE" RECORD. EXPECTED EITHER "MODE=FEATURE" OR "MODE=TRANSPARENT". (CIERR 3332)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
3333	MESSAGE	THE "MODE" RECORD MUST BE FIRST (OR SECOND IF "MARGIN" IS PRESENT) RECORD IN THE VFC FILE. (CIERR 3333)
3334	MESSAGE	ONLY AT MOST ONE EACH "MODE", "MARGIN", "VFC" RECORD ALLOWED IN A VFC FILE. FURTHER DOWNLOADING STOPPED. (CIERR 3334)
3335	MESSAGE	"MODE" AND "MARGIN" RECORDS MUST PRECEDE "VFC" RECORDS IN THE VFC FILE. (CIERR 3335)
3345	MESSAGE	NM ERROR. COULD NOT OPEN CATALOG FILE ! (CIERR 3345)
3346	MESSAGE	NM ERROR. FOUND ERROR ! . CAN'T PRINT IT. NO CATALOG. (CIERR 3346)
3347	MESSAGE	NM ERROR. FOUND ERROR ! WITH UNKNOWN SUBSYSTEM TYPE. (CIERR 3347)
3348	MESSAGE	NM ERROR. GENMESSAGE FOR ERROR ! FAILED. (CIERR 3348)

3350	MESSAGE	FILE NAME CONTAINS EMBEDDED NON-ALPHANUMERIC CHARACTERS. WELCOME MESSAGE REMAINS UNCHANGED. (CIERR 3350)
	CAUSE	The WELCOME message file name contains a character that is not recognized by the command interpreter.
	ACTION	Use a valid file name for the WELCOME message file.
3351	MESSAGE	EMBEDDED NON-ALPHANUMERIC CHARACTERS IN LOCKWORD. WELCOME MESSAGE REMAINS UNCHANGED. (CIERR 3351)
	CAUSE	The lockword entered to access the WELCOME message file contains a character that is not recognized by the CI.
	ACTION	Use a valid file name, with the appropriate lockword, for the WELCOME message file.
3352	MESSAGE	EMBEDDED NON-ALPHANUMERIC CHARACTERS IN GROUP NAME. WELCOME MESSAGE REMAINS UNCHANGED. (CIERR 3352)
	CAUSE	The group name used to access the WELCOME message file contains a character that is not recognized by the CI.
	ACTION	Use a valid file name, with the appropriate group name, for the WELCOME message file.
3353	MESSAGE	EMBEDDED NON-ALPHANUMERIC CHARACTER IN ACCOUNT NAME. WELCOME MESSAGE REMAINS UNCHANGED. (CIERR 3353)
	CAUSE	The account name used to access the WELCOME message file contains a character that is not recognized by the command interpreter.
	ACTION	Reenter the account name correctly.

3354	MESSAGE	FILE NAME GREATER THAN 8 CHARACTERS LONG. WELCOME MESSAGE REMAINS UNCHANGED. (CIERR 3354)
	CAUSE	The WELCOME message file name entered contains extraneous characters.
	ACTION	Correctly reenter the WELCOME message file name.
3355	MESSAGE	LOCK WORD GREATER THAN 8 CHARACTERS LONG. WELCOME MESSAGE REMAINS UNCHANGED. (CIERR 3355)
	CAUSE	The lockword entered to access the WELCOME message file contains extraneous characters.
	ACTION	Correctly reenter the WELCOME message file name and lock word.
3356	MESSAGE	GROUP NAME GREATER THAN 8 CHARACTERS LONG. WELCOME MESSAGE REMAINS UNCHANGED. (CIERR 3356)
	CAUSE	The group name used to access the WELCOME message file contains extraneous characters.
	ACTION	Correctly reenter the WELCOME message file name and group name.
3357	MESSAGE	ACCOUNT NAME GREATER THAN 8 CHARACTERS LONG. WELCOME MESSAGE REMAINS UNCHANGED. (CIERR 3357)
	CAUSE	The account name used to access the WELCOME message file contains extraneous characters.
	ACTION	Correctly reenter the WELCOME message's file name, group and account names.

3358	MESSAGE	FIRST CHARACTER IN FILENAME IS NON-ALPHA. WELCOME MESSAGE REMAINS UNCHANGED. (CIERR 3358)
	CAUSE	The first character of the WELCOME message file name entered is not an alphabetic character.
	ACTION	Correctly reenter the WELCOME message file name.
3359	MESSAGE	FIRST CHARACTER IN LOCKWORD IS NON-ALPHA. WELCOME MESSAGE REMAINS UNCHANGED. (CIERR 3359)
	CAUSE	The lock word used to access the WELCOME message file begins with a character that is not an alphabetic character.
	ACTION	Correctly reenter the WELCOME message file name and lock word.
3360	MESSAGE	FIRST CHARACTER IN GROUP IS NON-ALPHA. WELCOME MESSAGE REMAINS UNCHANGED. (CIERR 3360)
	CAUSE	The group name used to access the WELCOME message file begins with a character that is not an alphabetic character.
	ACTION	Correctly reenter the WELCOME message file name and group name.
3361	MESSAGE	FIRST CHARACTER IN ACCOUNT NAME IS NON-ALPHA. WELCOME MESSAGE REMAINS UNCHANGED. (CIERR 3361)
	CAUSE	The first character in the account name used to access the WELCOME message file begins with a character that is not an alphabetic character.
	ACTION	Correctly reenter the file name, group and account name.

3362	MESSAGE	MORE THAN ONE PARAMETER SPECIFIED. WELCOME MESSAGE REMAINS UNCHANGED. (CIERR 3362)
	CAUSE	More than one parameter was specified while using the WELCOME command to define a welcome message.
	ACTION	Reenter the command providing only one parameter.
3363	MESSAGE	WELCOME FILE MUST BE FIXED RECORD FORMAT. WELCOME MESSAGE REMAINS UNCHANGED. (CIERR 3363)
	CAUSE	The WELCOME message file is not in fixed record format.
	ACTION	Alter the WELCOME message file so that it is in fixed record format.
3364	MESSAGE	WELCOME FILE MUST BE ASCII. WELCOME MESSAGE REMAINS UNCHANGED. (CIERR 3364)
	CAUSE	The WELCOME message file is not in ASCII format.
	ACTION	Alter the WELCOME message to an ASCII format.
3365	MESSAGE	WELCOME FILE RECORD SIZE IS GREATER THAN 80 CHARACTERS. LINES TRUNCATED TO 72 CHARACTERS LONG. (CIWARN 3365)
	CAUSE	The length of the WELCOME message's text file lines exceeds the maximum length that is allowed.
	ACTION	Alter WELCOME message file so that the length of each line does not exceed 72 characters.

3366	MESSAGE	CAN NOT OPEN WELCOME FILE. WELCOME MESSAGE REMAINS UNCHANGED. (CIERR 3366)
	CAUSE	An unrecognized file name has been specified in the WELCOME command line.
	ACTION	Make sure you entered the correct file name for the WELCOME message file. Then reenter the command line using the correct file name.
3367	MESSAGE	CAN NOT READ WELCOME FILE. WELCOME MESSAGE REMAINS UNCHANGED. (CIERR 3367)
	CAUSE	The file name specified in the WELCOME message command line can not be read due to insufficient file access priviledge.
	ACTION	Alter file access security.
3368	MESSAGE	WELCOME MESSAGE DATA SEGMENT FULL. WELCOME MESSAGE TRUNCATED. (CIWARN 3368)
	CAUSE	The space alloted to store WELCOME message text has been exceeded. Portions of the WELCOME message may be cut off.
	ACTION	If you have DS capability, you can provide extra Data Segments. Otherwise, you'll have to shorten the message.
3370	MESSAGE	EXPECT TWO PARMS - LDEV,{ENABLE/DISABLE}. (CIERR 3370)
	CAUSE	Two parameters are to be provided; LDEV and ENABLE/DISABLE.
	ACTION	Provide both parameters.

3371	MESSAGE	THE ONLY VALID DELIMITER BETWEEN PARMS IS A COMMA. (CIERR 3371)
	CAUSE	A command line delimiter other than a comma (,) has been used.
	ACTION	Use the comma (,) as a delimiter in the command line.
3372	MESSAGE	INVALID NUMERICAL VALUE FOR LDEV. (CIERR 3372)
	CAUSE	The number given as the LDEV value is not acceptable.
	ACTION	Provide the correct LDEV number.
3373	MESSAGE	EXPECT ENABLE OR DISABLE. (CIERR 3373)
	CAUSE	The command syntax requires either ENABLE or DISABLE to be specified.
	ACTION	Specify either ENABLE or DISABLE in the command line syntax.
3374	MESSAGE	INVALID DELIMITER. (CIERR 3374)
	CAUSE	An unrecognized syntax delimiter in the command line was used.
	ACTION	Check command syntax and reenter the command.
3375	MESSAGE	IO TIMED OUT BEFORE COMPLETING, PLEASE RE-ENTER. (CIERR 3375)
	CAUSE	The input/output device's time limit expired before completion of a given task.
	ACTION	Reenter task.
3376	MESSAGE	SIO FAILURE, PLEASE RE-ENTER COMMAND (CIERR 3376)
	CAUSE	Start input/output device failure.
	ACTION	Reenter command.

3377	MESSAGE	UNIT FAILURE. (CIERR 3377)
	CAUSE	Device failure.
	ACTION	Check device.
3378	MESSAGE	CHANNEL FAILURE, PLEASE RE-ENTER COMMAND (CIERR 3378)
	CAUSE	Device controller board, used to calculate the logical address of a device, has failed.
	ACTION	Call your service representative.
3379	MESSAGE	DISCRPS IS NOT ENABLED ON THIS DEVICE. (CIERR 3379)
	CAUSE	The Rotational Position Sensing (RPS) feature on the specified logical device has not been enabled.
	ACTION	Use the DISCRPS command to enable the device.
3380	MESSAGE	DISCRPS IS ALREADY ENABLED ON THIS DEVICE. (CIERR 3380)
	CAUSE	The Rotation Position Sensing (RPS) feature on the specified logical device has already been enabled.
	ACTION	Logical Device is already enabled; it does not need to be enabled again.
3381	MESSAGE	DISCRPS IS NOT SUPPORTED ON THIS DEVICE. (CIERR 3381)
	CAUSE	Same as the message.
	ACTION	Do not use this command for the referenced device.

3382	MESSAGE	DISCRPS IS NOT INSTALLED ON THIS DEVICE. (CIERR 3382)
	CAUSE	Firmware needed to upgrade disk drives has not been installed on the device referenced.
	ACTION	Upgrade disk drive.
3383	MESSAGE	STREAMS OUTPUT DEVICE MAY NOT BE 0, CHECK SYSTEM CONFIGURATION. (CIERR 3383)
	CAUSE	Device number used was 0.
	ACTION	Correctly reference device number.
3384	MESSAGE	STREAMS DEVICE CANNOT BE A DYNAMICALLY CONFIGURED DEVICE. (CIERR 3384)
	CAUSE	Device referenced is dynamically configured.
	ACTION	Do not reference devices that are dynamically configured.
3385	MESSAGE	TIME AND WINDOW SIZE MUST BE SPECIFIED TOGETHER. (CIERR 3385)
3386	MESSAGE	INVALID VALUE FOR TIME-TO-TARGET. (CIERR 3386)
3387	MESSAGE	INVALID VALUE FOR WINDOW SIZE. (CIERR 3387)
3388	MESSAGE	DISABLE DOES NOT ACCEPT TIME OR WINDOW SIZE, IGNORED. (CIWARN 3388)
3389	MESSAGE	SOFTWARE I/O ERROR. (CIERR 3389)

3400	MESSAGE	SYSTEM MONITOR IS ALREADY ENABLED. (CIERR 3400)
	CAUSE	Device referenced has been enabled.
	ACTION	User does not need to enable system monitor.
3401	MESSAGE	COULD NOT ENABLE MEASIO. (CIERR 3401)
	CAUSE	Measurement Interface can not be enabled.
	ACTION	User cannot enable MEASIO.
3402	MESSAGE	UNABLE TO GET DATASEG BUFFER FOR SYSTEM MONITOR. (CIERR 3402)
	CAUSE	System monitor data segment buffer unable to be accessed.
	ACTION	Check data segment table.
3403	MESSAGE	SYSTEM MONITOR WAS NOT ENABLED. (CIERR 3403)
	CAUSE	System monitor has not been enabled.
	ACTION	Enable system monitor.
3404	MESSAGE	TAPE ERROR ENCOUNTERED BY MEASIO. (CIERR 3404)
	CAUSE	The measurement interface has detected a problem with the tape.
	ACTION	Check tape and tape drive.
3405	MESSAGE	END OF TAPE ENCOUNTERED BY MEASIO. (CIERR 3405)
	CAUSE	The end of the tape has been detected.
	ACTION	Check tape and tape drive.

3406	MESSAGE	SYSTEM MONITOR ENABLED. (CIERR 3406)
	CAUSE	System monitor has been enabled.
	ACTION	Check system monitor; disable monitor if appropriate.
3407	MESSAGE	UNABLE TO FREEZE MEASIO CODE SEG. (CIERR 3407)
	CAUSE	The measurement interface code segment was not frozen into memory.
	ACTION	Retry command.
3408	MESSAGE	UNABLE TO "UNLOADPROC" MEASIO CODE SEG. (CIERR 3408)
	CAUSE	Measurement interface code segment was unable to unload requested process.
	ACTION	Check MEASIO code segment.
3409	MESSAGE	UNABLE TO LOAD MIO'INIT. (CIERR 3409)
	CAUSE	MIO'INIT process is not able to be accessed.
	ACTION	Check MIO'INIT process.
3410	MESSAGE	MEASIO ERROR. (CIERR 3410)
	CAUSE	Process has encountered an error.
	ACTION	Check measurement interface code segmenter.
3411	MESSAGE	UNABLE TO LOAD MIO'RESET. (CIERR 3411)
	CAUSE	Program requested cannot be accessed or found.
	ACTION	Check program.

3412	MESSAGE	TAPE CONTROLLER SERVICING OTHER TAPE UNITS. (CIERR 3412)
	CAUSE	Device requested can not currently be accessed.
	ACTION	Retry in a few minutes.
3413	MESSAGE	INTERNAL SYSTEM ERROR,CANNOT ENABLE MEASIO. (CIERR 3413)
	CAUSE	A problem with the internal system has been detected.
	ACTION	Call your service representative.
3414	MESSAGE	BAD STATUS RECEIVED FROM MEASIO. (CIERR 3414)
	CAUSE	Faulty status information has been received from the measurement interface.
	ACTION	Call your service representative.
3415	MESSAGE	UNABLE TO LOAD "MEASIO" PROGRAM. (CIERR 3415)
	CAUSE	System unable to locate and load the MEASIO program.
3420	MESSAGE	LDEV REQUIRED FOR THIS COMMAND. (CIERR 3420)
	CAUSE	Logical device name is required for this command.
	ACTION	Supply a logical device name.
3421	MESSAGE	MAXIMUM NUMBER OF PARAMETERS EXCEEDED. (CIERR 3421)
	CAUSE	The parameter limit for this command has be surpassed.
	ACTION	Check command syntax.

3422	MESSAGE	LOGICAL DEVICE UNAVAILABLE. (CIERR 3422)
	CAUSE	The logical device referenced is not available.
	ACTION	Check device and reenter command.
3423	MESSAGE	LABELED TAPE MOUNTED ON SPECIFIED DEVICE. (CIERR 3423)
	CAUSE	A labeled magnetic tape is mounted on the device specified.
	ACTION	Check magnetic tape.
3424	MESSAGE	NO TAPE MOUNTED ON SPECIFIED DEVICE. (CIERR 3424)
	CAUSE	No magnetic tape is mounted on the device referenced.
	ACTION	Mount tape on device.
3425	MESSAGE	IMPROPER LOGICAL DEVICE SPECIFIED. (CIERR 3425)
	CAUSE	Logical Device referenced is not accepted.
	ACTION	Provide another device number or use the proper syntax.
3426	MESSAGE	SPECIFIED DEVICE MUST BE TAPE. (CIERR 3426)
	CAUSE	Deviced is not referenced as a tape.
	ACTION	Specify a tape device.
3427	MESSAGE	DEVICE IS AT END OF TAPE. (CIERR 3427)
	CAUSE	The tape mounted on the device is at the end of its reel.
	ACTION	Check the magnetic tape.

3428	MESSAGE	DEVICE HAS NO WRITE RING. (CIERR 3428)
	CAUSE	The tape does not have a write ring.
	ACTION	Supply a write ring on the magnetic tape.
3429	MESSAGE	DEVICE NOT ON LINE. (CIERR 3429)
	CAUSE	Tape drive has not been activated as on-line.
	ACTION	Activate tape drive as on-line.
3430	MESSAGE	DEVICE NOT AT LOAD POINT. (CIERR 3430)
	CAUSE	Device referenced is not at a load point.
	ACTION	Check referenced device.
3431	MESSAGE	DEVICE INVALID OR NOT ENABLED. (CIERR 3431)
	CAUSE	Either the device name is not valid or the device has not been enabled.
	ACTION	Check device and enter the correct device name.
3432	MESSAGE	DEVICE ENCOUNTERED IRRECOVERABLE ERROR. (CIERR 3432)
	CAUSE	An error has been encountered.
	ACTION	Call your service representative.
3433	MESSAGE	SYSTEM MONITOR DISABLED.
	CAUSE	The device specified as system monitor is not enabled.
	ACTION	Enable the system monitor.

3434	MESSAGE	SYSTEM MONITOR IS RUNNING, USE OPERATOR COMMAND -MOFF-. (CIERR 3434)
	CAUSE	The system monitor is currently running.
	ACTION	To turn off the monitor, use the alternate operator command, MOFF.
3435	MESSAGE	LDEV MUST BE A 7970E OR 7970B TAPE DRIVE. (CIERR 3435)
	CAUSE	Device specified is neither a 7970E nor a 7970B tape drive.
	ACTION	Specify either a 7070E or 7970 tape drive.
3460	MESSAGE	EXPECTED AT LEAST ONE PARAMETER, THE MINIMUM CLOCK CYCLE. (CIERR 3460)
	CAUSE	The minimum clock cycle parameter was expected.
	ACTION	Check syntax.
3461	MESSAGE	TUNE HAS AT MOST 16 PARAMETERS. (CIERR 3461)
	CAUSE	You used too many parameters for the TUNE command.
	ACTION	Check command syntax.
3463	MESSAGE	MINIMUM CLOCKCYCLE MUST BE A NUMBER. (CIERR 3463)
	CAUSE	The parameter used to set the minimum clockcycle was not a number.
	ACTION	Use a number to set the minimum clockcycle.

3464	MESSAGE	THE QUEUE DESCRIPTOR CONSISTS OF AT MOST 4 PARAMETERS, BASE, LIMIT, MINQUANTUM, MAXQUANTUM. (CIERR 3464)
	CAUSE	Only four parameters are used for the queue descriptor.
	ACTION	Use any of the four parmeters.
3465	MESSAGE	THE QUEUE PARAMETER RELATIONSHIP INVALID, BASE<=LIMIT AND MINQUANTUM<=MAXQUANTUM. (CIERR 3465)
	CAUSE	Parameter is not valid.
	ACTION	Check command syntax. The BASE must be less than the limit and MIN must be less than the maximum. Make sure your values meet this criteria.
3466	MESSAGE	AT LEAST ONE QUEUE DESCRIPTOR PARAMETER MUST BE PROVIDED. (CIERR 3466)
	CAUSE	No parameters given.
	ACTION	Check command syntax.
3467	MESSAGE	EXPECTED EITHER CQ, DQ, OR EQ. (CIERR 3467)
	CAUSE	Syntax error.
	ACTION	Check command syntax.
3468	MESSAGE	EXPECTED ! AS A SEPARATOR BEFORE PARAMETER. (CIERR 3468)
	CAUSE	Only a the specified delimeter (represented by a ! in this message) can be used as a parameter delimiter.
	ACTION	Check command line syntax and make sure you are using the appropriate delimiter. Then reenter the command.

3469	MESSAGE	EXPECTED ! OR CARRIAGE RETURN AS A SEPARATOR AFTER PARAMETER. (CIERR 3469)
	CAUSE	Only a the specified delimeter (represented by a ! in this message) or a carriage return can be used as a parameter delimiter.
	ACTION	Check command line syntax and make sure you are using the appropriate delimiter or a carriage return. Then reenter the command.
3470	MESSAGE	QUEUE DESCRIPTOR DUPLICATELY SUPPLIED. (CIERR 3470)
	CAUSE	A duplicate in the command line has occurred.
	ACTION	Check command line syntax.
3471	MESSAGE	QUEUE DESCRIPTOR MUST BE A NUMBER. (CIERR 3471)
	CAUSE	Queue Descriptor provided is not a number.
	ACTION	Check the command syntax line.
3472	MESSAGE	THE BASE LIMIT PARAMETERS MUST BE BETWEEN 150 AND 255. (CIERR 3472)
	CAUSE	The BASE and LIMIT parameters must have values between 150 and 255.
	ACTION	Correctly reenter command using appropriate values.
3473	MESSAGE	THE MIN, MAX FILTER VALUES MUST BE POSITIVE INTEGERS. (CIERR 3473)
	CAUSE	Positive intergers must be used.
	ACTION	Check command line syntax.

3750	MESSAGE	AUTO AND NOAUTO SPECIFIED, DEFAULT IS NOAUTO (CIWARN 3750)
	CAUSE	Both parameters were specified. Default was used.
	ACTION	Reenter command line specifying either AUTO or NOAUTO.
3751	MESSAGE	LOGFILE MUST END WITH "001" TO USE AUTO (CIERR 3751)
	CAUSE	Logfile entry must end with "001".
	ACTION	Reenter logfile number.
3752	MESSAGE	CHANGELOG NOT ALLOWED ON THIS OLD FILE (CIERR 3752)
	CAUSE	The original log file name does not follow conventions (ending with a digit), so it can't be incremented with the CHANGELOG command to create a new log file.
3753	MESSAGE	LOG FILE DOES NOT END WITH "001" ONLY ONE MEMBER IN SET (CIWARN 3753)
	CAUSE	Logfile entry must end with "001".
	ACTION	Reenter command line.
3754	MESSAGE	CHANGELOG NOT ENABLED FOR THIS LOGID (CIERR 3754)
	CAUSE	Reference to LOGID is not enabled.
	ACTION	Enable the LOGID.
3810	MESSAGE	LOG HAS EXACTLY TWO PARAMETERS. (CIERR 3810)
	CAUSE	Command only allows two parameters.
	ACTION	Check syntax.

3811	MESSAGE	THE LOGID MUST BE 1 TO 8 CHARACTERS IN LENGTH. (CIERR 3811)
	CAUSE	LOGID exceeds 8 characters.
	ACTION	Check syntax.
3812	MESSAGE	FIRST CHARACTER OF LOGID MUST BE ALPHABETIC. (CIERR 3812)
	CAUSE	Same as the message.
	ACTION	Check the syntax and reenter the command.
3813	MESSAGE	NON-ALPHANUMERIC CHARACTERS NOT ALLOWED. (CIERR 3813)
	CAUSE	A non-alphanumeric character was used.
	ACTION	Check the syntax and reenter the command.
3814	MESSAGE	NO ACTIVE LOG PROCESS FOR THIS LOG ID. (CIERR 3814)
	CAUSE	Log referenced is not active.
	ACTION	Activate log process.
3815	MESSAGE	EXPECTED ONE OF START, STOP, OR RESTART. (CIERR 3815)
	CAUSE	Incorrect parameter used.
	ACTION	Check command syntax.
3816	MESSAGE	LOG PROCESS IS ALREADY RUNNING. (CIERR 3816)
	CAUSE	User attempted to START or RESTART logging when logging was already running.
	ACTION	Wait until log process has ended before reexecuting.

3817	MESSAGE	UNABLE TO INITIATE LOG PROCESS FOR LOGID. (CIERR 3817)
	CAUSE	Log process unable to be started.
	ACTION	Check logid.
3818	MESSAGE	MAXIMUM LIMITS ARE ! FOR JOBS AND ! FOR SESSIONS. (CIERR 3818)
	CAUSE	The LIMIT command expects the new limits to be less than the maximum limits stated in the message.
	ACTION	Check syntax.
3819	MESSAGE	LIMITS CANNOT BE CHANGED UNTIL MORE DISK SPACE IS AVAILABLE. (CIWARN 3819)
	CAUSE	More disk space is needed before limits can be changed.
	ACTION	Allow more disk space.
3820	MESSAGE	COMMAND HAS TOO MANY PARAMETERS. (CIERR 3820)
	CAUSE	Same as the message.
	ACTION	Check the command syntax and reenter the command with the appropriate number of parameters.
3821	MESSAGE	EXPECTED "=" TO DELIMIT PARAMETER. (CIERR 3821)
	CAUSE	You did not use an equal sign (=) before the parameter value.
	ACTION	Check command syntax and reenter the command with the equal sign and the parameter value.

3822	MESSAGE	UNKNOWN KEYWORD, EXPECTED ONE OF E[NHANCE] F[ORMAT], P[RIORITY] OR B[LANKS]. (CIERR 3822)
	CAUSE	You used an incorrect keyword.
	ACTION	Check command syntax and reenter the command using one of the acceptable keywords stated in the message.
3823	MESSAGE	ENHANCE= PARAMETER OVERRIDES PREVIOUS ENHANCE=PARAMETER. (CIWARN 3823)
	CAUSE	Previous ENHANCE= parameter has been overwritten with current parameter.
	ACTION	No action needed unless overwrite was in error.
3824	MESSAGE	EXPECTED EQUAL SIGN TO DELIMIT PARAMETER. (CIERR 3824)
	CAUSE	Error detected in parameter delimiter.
	ACTION	Check syntax.
3825	MESSAGE	EXPECTED VALUE BETWEEN 0 AND 3 INCLUSIVE. (CIERR 3825)
	CAUSE	You entered a value less than 0 or greater than 3.
	ACTION	Check syntax and reenter the command, using a value between 0 and 3, inclusive.
3826	MESSAGE	FORMAT= PARAMETER OVERRIDES PREVIOUS FORMAT= PARAMETER. (CIWARN 3826)
	CAUSE	Previous FORMAT= parameter overwritten by current parameter.
	ACTION	No action needed unless parameter overwrite was in error.

3827	MESSAGE	EXPECTED VALUE BETWEEN 1 AND 4 INCLUSIVE. (CIERR 3827)
	CAUSE	You entered a value less than 1 or greater than 4.
	ACTION	Check syntax and reenter the command using a value between 1 and 4, inclusive.
3828	MESSAGE	PRIORITY= PARAMETER OVERRIDES PREVIOUS PRIORITY= PARAMETER. (CIWARN 3828)
	CAUSE	Previous PRIORITY= parameter overwritten by current parameter.
	ACTION	No action necessary unless overwrite of parameter was in error.
3829	MESSAGE	EXPECTED VALUE BETWEEN 1 AND 13 INCLUSIVE. (CIERR 3829)
	CAUSE	You entered a value that was less than 1 or greater than 13.
	ACTION	Check syntax and reenter the command using a value between 1 and 13, inclusive.
3830	MESSAGE	TRACE REQUIRES AT LEAST ONE PARM,"ON" OR "OFF". (CIERR 3830)
	CAUSE	You did not enter an acceptable value for the TRACE parameter (ON or OFF).
	ACTION	Provide either a YES or NO.
3831	MESSAGE	EXPECTED AN INTEGER: 0<=I<=255 FOR TRACE MASK. (CIERR 3831)
	CAUSE	The TRACE MASK value was not an integer.
	ACTION	Check syntax and reenter the command using an integer between 0 and 255, inclusive, for a TRACE MASK value.

3832	MESSAGE	EXPECTED AN INTEGER: 0<=I<=248 FOR TRACE ENTRIES. (CIERR 3832)
	CAUSE	The TRACE MASK value was not an integer.
	ACTION	Check syntax and reenter the command using an integer between 0 and 248, inclusive, for a TRACE MASK value.
3833	MESSAGE	EXPECTED "," AS TRACE PARAMETER DELIMETER. (CIERR 3833)
	CAUSE	Delimiter used between parameters not accepted.
	ACTION	Check syntax.
3838	MESSAGE	IMFCONTROL ERROR ! (CIERR 3838)
	CAUSE	Interactive mainframe facility control error.
	ACTION	Call your service representative and give the IMFCONTROL error number that you received.
3839	MESSAGE	COULD NOT OPEN FILE ! , ! (CIERR 3839)
	CAUSE	File referenced could not be accessed for the reason shown in the message.
	ACTION	Check the file.
3840	MESSAGE	EXPECTED "START","STOP","KILL",OR "TRACE". (CIERR 3840)
	CAUSE	Unexpected command encountered in IMF/3000.
	ACTION	Check syntax.

3841	MESSAGE	EXPECTED " " OR "," AFTER IMF COMMAND NAME. (CIERR 3841)
	CAUSE	A missing or incorrect delimiter was encountered.
	ACTION	Check syntax and reenter the command correctly.
3842	MESSAGE	NO BACKREFERENCE ALLOWED FOR IMF CONFIG. FILE. (CIERR 3842)
	CAUSE	Unaccepted backreference encountered.
	ACTION	Check syntax.
3843	MESSAGE	INVALID IMF CONFIGURATION FILE. (CIERR 3843)
	CAUSE	File not accepted.
	ACTION	Check the file name or the contents of the file.
3844	MESSAGE	ONLY "TRACE ON" MAY BE CHAINED FROM IMF START. (CIERR 3844)
	CAUSE	Unexpected reference encountered.
	ACTION	Check syntax.
3845	MESSAGE	EXPECTED CARRIAGE RETURN OR SEMICOLON. (CIERR 3845)
	CAUSE	Unexpected user input encountered.
	ACTION	Reenter command.
3846	MESSAGE	START COMPLETED. TRACE NOT STARTED DUE TO ERROR. (CIWARN 3846)
	CAUSE	Trace error encountered.
	ACTION	No action required.

3847	MESSAGE	THE "ENHANCE" PARAMETER REQUIRES AN "=" SIGN FOLLOWED BY A DIGIT FROM 0 TO 3. (CIERR 3847)
	CAUSE	Unacceptable input encountered.
	ACTION	Check syntax.
3848	MESSAGE	THE IMF COMMAND EXPECTS ONLY "ENHANCE" AND "BLANKS" AS PARAMETERS. (CIERR 3848)
	CAUSE	Unacceptable input encountered.
	ACTION	Check syntax.
3850	MESSAGE	SPECIFIED DEVICE TYPE MUST BE A DISC. (CIERR 3850)
	CAUSE	The device specified is not a disk drive.
	ACTION	Specify a disk drive as a device.
3851	MESSAGE	FOREIGN EXPECTS EXACTLY ONE PARAMETER, THE DEVICE NUMBER (CIERR 3851)
	CAUSE	The DEVICE parameter is not supported.
	ACTION	Provide device number.
3852	MESSAGE	VOLUME IS ALREADY FOREIGN. (CIWARN 3852)
	CAUSE	Volume referenced is foreign.
	ACTION	No need to specify volume as foreign.
3853	MESSAGE	NO VOLUME IS MOUNTED ON DRIVE. (CIERR 3853)
	CAUSE	Volume is not mounted on disk drive.
	ACTION	Check disk drive.

Computer Museum

3854	MESSAGE	VOLUME IS AN IN-USE PRIVATE VOLUME. (CIERR 3854)
	CAUSE	Volume referenced is currently in use.
	ACTION	Retry command later.
3855	MESSAGE	VOLUME IS AN IN-USE SERIAL DISC. (CIERR 3855)
	CAUSE	Volume referenced is currently a serial disk that is in use.
	ACTION	Retry command later.
3856	MESSAGE	SPECIFIED DEVICE IS IN THE SYSTEM DOMAIN. (CIERR 3856)
	CAUSE	Device is part of the system domain.
	ACTION	Unknown.
3857	MESSAGE	DISK TYPE SPECIFIED MAY NOT BE MADE FOREIGN (CIERR 3857)
	CAUSE	The disk drive type referenced can not be made foreign.
	ACTION	Reenter another disk drive type.
3860	MESSAGE	TRACE ALREADY BEING TURNED ON. (CIERR 3860)
	CAUSE	User has attempted to turn on the trace which is currently on.
	ACTION	No need to turn the trace on.
3861	MESSAGE	TRACE ALREADY BEING TURNED OFF. (CIERR 3861)
	CAUSE	The trace referenced has been turned off.
	ACTION	No need to turn the trace off.

3862	MESSAGE	OPEN REQUIRES THREE OR LESS PARAMETERS. (CIERR 3862)
	CAUSE	Same as the message.
	ACTION	Check the syntax and reenter the command.
3863	MESSAGE	SHUT REQUIRES THREE OR LESS PARAMETERS. (CIERR 3863)
	CAUSE	Only three or less parameters are required.
	ACTION	Check syntax.
3864	MESSAGE	INVALID TERMINAL LDEV NUMBER. (CIERR 3864)
	CAUSE	The logical device number referenced is not valid.
	ACTION	Check syntax.
3865	MESSAGE	INVALID GROUP ID. (CIERR 3865)
	CAUSE	Group identification is not valid.
	ACTION	Check the syntax and reenter the command with a valid group id.
3866	MESSAGE	LINE ALREADY SHUT. (CIERR 3866)
	CAUSE	Line referenced is already shut.
	ACTION	No need to shut line.
3867	MESSAGE	LINE MUST BE OPEN BEFORE ACCESSING TRACE. (CIERR 3867)
	CAUSE	Line referenced is not open.
	ACTION	Open line before reentering command.
3868	MESSAGE	TRACE ALREADY ON. (CIERR 3868)
	CAUSE	Trace is already turned on.
	ACTION	No need to turn trace on.

3869	MESSAGE	TRACE ALREADY OFF. (CIERR 3869)
	CAUSE	Trace is already turned off.
	ACTION	No need to turn trace off.
3870	MESSAGE	UNABLE TO OPEN CONFIGURATION FILE IN PUB.SYS. (CIERR 3870)
	CAUSE	Configuration file in the PUB group of the SYS account cannot be open.
	ACTION	Check the configuration file.
3871	MESSAGE	NOT A MULTIPOINT LINE. (CIERR 3871)
	CAUSE	User is trying to access a nonmultipoint line.
	ACTION	Check syntax and device.
3872	MESSAGE	LINE MUST BE OPEN BEFORE UP. (CIERR 3872)
	CAUSE	Line referenced must be opened.
	ACTION	Open the before performing the task.
3873	MESSAGE	LINE MUST BE OPEN BEFORE DOWN. (CIERR 3873)
	CAUSE	Line is not open.
	ACTION	Open line before performing task.
3874	MESSAGE	LINE MUST BE OPEN BEFORE MESSAGES. (CIERR 3874)
	CAUSE	The line is not open.
	ACTION	Open line before sending messages.
3875	MESSAGE	EXPECTED 'NOW'. (CIERR 3875)
	CAUSE	Error in syntax.
	ACTION	Check syntax.

3876	MESSAGE	LINE MUST BE OPEN BEFORE FALLBACK. (CIERR 3876)
	CAUSE	Line must be open before performing task.
	ACTION	Open line before performing task.
3877	MESSAGE	DUPLEX REQUIRES THREE PARAMETERS. (CIERR 3877)
	CAUSE	Syntax error.
	ACTION	Check syntax.
3878	MESSAGE	UP AND DOWN REQUIRE THREE PARAMETERS. (CIERR 3878)
	CAUSE	You did not enter three parameters.
	ACTION	Check the syntax and reenter the command using the correct number of parameters.
3879	MESSAGE	INVALID POLL ENTRY. (CIERR 3879)
	CAUSE	You entered a syntax error.
	ACTION	Check the syntax and reenter the command.
3880	MESSAGE	MESSAGES REQUIRES THREE PARAMETERS. (CIERR 3880)
	CAUSE	Syntax error.
	ACTION	Check syntax.
3881	MESSAGE	EXPECTED 'ON' OR 'OFF'. (CIERR 3881)
	CAUSE	You entered a syntax error.
	ACTION	Check the syntax and reenter the command.

3882	MESSAGE	FALLBACK REQUIRES ONLY TWO PARAMETERS. (CIERR 3882)
	CAUSE	Systax error encountered.
	ACTION	Check syntax.
3883	MESSAGE	MPLINE COMMAND REQUIRES AT LEAST TWO PARAMETERS. (CIERR 3883)
	CAUSE	Syntax error encountered.
	ACTION	Check syntax.
3884	MESSAGE	INVALID MPLINE COMMAND. (CIERR 3884)
	CAUSE	An unrecognized command has been entered.
	ACTION	Check file name.
3885	MESSAGE	EXPECTED 'HALF' OR 'FULL'. (CIERR 3885)
	CAUSE	You did not enter the HALF or FULL option.
	ACTION	Check syntax and reenter the command using an appropriate option.
3886	MESSAGE	LINE MUST BE OPEN BEFORE DUPLEX. (CIERR 3886)
	CAUSE	Line referenced is not opened.
	ACTION	Open line before reentering command.
3887	MESSAGE	DEBUG REQUIRES THREE OR LESS PARAMETERS. (CIERR 3887)
	CAUSE	Syntax error encountered.
	ACTION	Check syntax.
3888	MESSAGE	PREVIOUS COMMAND STILL BEING PROCESSED. (CIERR 3888)
	CAUSE	The previous command is still executing.
	ACTION	Wait before reentering command.

3889	MESSAGE	SYSTEM ERROR (UNABLE TO CREATE MPMON PROCESS). (CIERR 3889)
	CAUSE	Problem with system has been encountered.
	ACTION	Call your service representative.
3890	MESSAGE	UNABLE TO GET DATA SEGMENTS. (CIERR 3890)
	CAUSE	Data segments referenced can not be accessed. Perhaps you are low on memory, or the amount required exceeds the system configuration value for virtual memory.
	ACTION	Ask the system manager to check the system configuration and to possibly configure the system for more virtual memory, or to actually acquire more memory.
3891	MESSAGE	UNABLE TO OPEN MPMON FILE IN PUB.SYS ACCOUNT. (CIERR 3891)
	CAUSE	MPMON file can not be opened.
	ACTION	Check file security.
3892	MESSAGE	SYSTEM ERROR (UNABLE TO ADOPT MPMON PROCESS). (CIERR 3892)
	CAUSE	System unable to perform requested process.
	ACTION	Call your service representative.
3893	MESSAGE	GROUP.ACCT NOT ALLOWED IN CONFIGURATION FILE NAME. (CIERR 3993)
	CAUSE	The group and account are not allowed in the configuration file name.
	ACTION	Check the syntax and reenter the command without the group and account names.

3900	MESSAGE	EXPECTED USER AND ACCOUNT NAME OR NO PARAMETERS. (CIERR 3900)
	CAUSE	You entered a syntax error.
	ACTION	Check the syntax and reenter the command with a user or account name, or nothing at all.
3903	MESSAGE	NONE OF THE SPECIFIED USER(S) LOGGED ON. (CIERR 3903)
	CAUSE	Users referenced are not currently logged on.
	ACTION	Unable to execute this command.
3907	MESSAGE	SM CAPABILITY IS NECESSARY TO SPECIFY "@" HERE. (CIERR 3907)
	CAUSE	User does not have the user capability to use this command.
	ACTION	Contact your system manager and ask for SM capability.
3908	MESSAGE	AM CAPABILITY IS NECESSARY TO SPECIFY "@" HERE. (CIERR 3908)
	CAUSE	User does not have the user capability to execute this command.
	ACTION	Contact your system manager and ask for SM capability.
3909	MESSAGE	NAME MUST START WITH ALPHA AND MUST CONTAIN ONLY ALPHANUMERICS. (CIERR 3909)
	CAUSE	The file name did not begin with an alpha character, and/or it contained characters which were not alphanumeric.
	ACTION	Reenter file name.

3910	MESSAGE	COMMAND REQUIRES 3 THREE PARAMETERS (CIERR 3910).
	CAUSE	Syntax error encountered.
	ACTION	Check syntax.
4100	MESSAGE	NUMBER OF PARAMETERS EXCEEDS MAXIMUM OF !. (CIERR 4100)
	CAUSE	Syntax error encountered.
	ACTION	Check syntax.
4101	MESSAGE	EXPECTED AT LEAST TWO PARAMETERS: A DS DEVICE CLASS/NUMBER AND A FUNCTION KEYWORD. (CIERR 4101)
	CAUSE	Syntax error encountered.
	ACTION	Check syntax.
4102	MESSAGE	EXPECTED A DEVICE CLASS NAME OR LOGICAL DEVICE NUMBER FOR ONE OR MORE DS DEVICES. (CIERR 4102)
	CAUSE	A device specification was expected.
	ACTION	Specify a device name.
4103	MESSAGE	USER IS NOT ASSOCIATED WITH DS DEVICE !. NO CONTROL FUNCTIONS EXECUTED FOR THIS DEVICE. (CIWARN 4103)
	CAUSE	The user specified is not associated with the device specified.
	ACTION	Reenter the command using the correct device associated with your user. Or, associate the user with the device by using the ASSOC utility and the ASSOCIATE command. specifications.

4104	MESSAGE	USER IS NOT ALLOWED TO USE :DSCONTROL AND IS NOT ASSOCIATED WITH THE DS DEVICE(S). (CIERR 4104)
	CAUSE	User is not allowed to use command.
	ACTION	Illegal use of command.
4105	MESSAGE	EXPECTED ONE OR MORE OF THE CONTROL FUNCTIONS: OPEN, SHUT, MON, MOFF, COMP, NOCOMP, TRACE, DEBUG, OR RETRY. (CIERR 4105)
	CAUSE	You did not enter a control function.
	ACTION	Enter control function to command line.
4106	MESSAGE	INVALID CONTROL FUNCTION. EXPECTED ONE OF: OPEN, SHUT, MON, MOFF, COMP, NOCOMP, TRACE, DEBUG, OR RETRY. (CIERR 4106)
	CAUSE	Control function referenced is not accepted.
	ACTION	Reenter command with a valid control function.
4107	MESSAGE	MASTER OVERRIDES PREVIOUS MASTER/SLAVE OPTION. (CIWARN 4107)
	CAUSE	Previous MASTER/SLAVE option has been overwritten.
	ACTION	No action required.
4108	MESSAGE	SLAVE OVERRIDES PREVIOUS MASTER/SLAVE OPTION. (CIWARN 4108)
	CAUSE	Previous MASTER/SLAVE option has been overwritten.
	ACTION	No action required.

4109	MESSAGE	SPEED OPTION OVERRIDES PREVIOUS SPEED OPTION. (CIWARN 4109)
	CAUSE	Previous speed option has been overwritten.
	ACTION	No action necessary.
4110	MESSAGE	OPEN OVERRIDES PREVIOUS OPEN/SHUT FUNCTION. (CIWARN 4110)
	CAUSE	Previous OPEN/SHUT function has been overwritten.
	ACTION	None. Information only.
4111	MESSAGE	SHUT OVERRIDES PREVIOUS OPEN/SHUT FUNCTION. (CIWARN 4111)
	CAUSE	Previous OPEN/SHUT function has been overwritten.
	ACTION	None. Information only.
4112	MESSAGE	TRACE OVERRIDES PREVIOUS TRACE FUNCTION(S). (CIWARN 4112)
	CAUSE	Previous trace function has been overwritten.
	ACTION	None. Information only.
4113	MESSAGE	DEBUG OVERRIDES PREVIOUS DEBUG FUNCTION(S). (CIWARN 4113)
	CAUSE	Previous debug function has been overwritten.
	ACTION	None. Information only.
4114	MESSAGE	MON OVERRIDES PREVIOUS MON/MOFF FUNCTION. (CIWARN 4114)
	CAUSE	Previous MON/MOFF function has been overwritten.
	ACTION	None. Information only.

4115	MESSAGE	MOFF OVERRIDES PREVIOUS MON/MOFF FUNCTION. (CIWARN 4115)
	CAUSE	Previous MON/MOFF function has been overwritten.
	ACTION	None. Information only.
4116	MESSAGE	COMP OVERRIDES PREVIOUS COMP/NOCOMP FUNCTION. (CIWARN 4116)
	CAUSE	Previous COMP/NOCOMP function has be overwritten.
	ACTION	None. Information only.
4117	MESSAGE	NOCOMP OVERRIDES PREVIOUS COMP/NOCOMP FUNCTION. (CIWARN 4117)
	CAUSE	Previous COMP/NOCOMP overwritten.
	ACTION	None. Information only.
4118	MESSAGE	EXPECTED A ";" , "," OR RETURN AS DELIMITER. (CIERR 4118)
	CAUSE	Syntax error encountered.
	ACTION	Check syntax.
4119	MESSAGE	EXPECTED EITHER A ";" OR RETURN AS DELIMITER. (CIERR 4119)
	CAUSE	Syntax error encountered.
	ACTION	Check syntax.
4120	MESSAGE	EXPECTED A "=" AS DELIMITER FOR SPEED OPTION. (CIERR 4120)
	CAUSE	Syntax error encountered.
	ACTION	Check syntax.
4121	MESSAGE	EXPECTED A "," AS DELIMITER BETWEEN OPTIONS. (CIERR 4121)
	CAUSE	Syntax error encountered.
	ACTION	Check syntax.

4122	MESSAGE	ILLEGAL OPEN/SHUT OPTION. EXPECTED ONE OF: MASTER, SLAVE, SPEED, OR LINESPEED VALUE. (CIERR 4122)
	CAUSE	Syntax error encountered.
	ACTION	Check syntax.
4123	MESSAGE	EXPECTED A POSITIVE DOUBLE VALUE FOR LINESPEED. (CIERR 4123)
	CAUSE	Syntax error encountered.
	ACTION	Check syntax.
4124	MESSAGE	CS CAPABILITY REQUIRED TO USE :DSCONTROL. (CIERR 4124)
	CAUSE	User does not have the user capability to use this command.
	ACTION	Check with your system manager and ask for CS capability.
4125	MESSAGE	PM CAPABILITY REQUIRED TO USE DEBUG FUNCTION. (CIERR 4125)
	CAUSE	User does not have the capability to execute the command.
	ACTION	Check with your system manager and ask for PM capability.
4126	MESSAGE	DEBUG FUNCTION MAY ONLY BE USED BY SYSTEM CONSOLE. (CIERR 4126)
	CAUSE	Command can only be executed from the system console.
	ACTION	Enter command at the system console.
4127	MESSAGE	EXPECTED NO OPTION FOR DEBUG OR ONE OF THE FOLLOWING: ON, OFF, OR POSITIVE INTEGER VALUE. (CIERR 4127)
	CAUSE	Syntax error encountered.
	ACTION	Check syntax.

4128	MESSAGE	EXPECTED NO OPTION FOR MON/MOFF OR ONE OF THE FOLLOWING: CS, OR DS. (CIERR 4128)
	CAUSE	Syntax error encountered.
	ACTION	Check syntax.
4129	MESSAGE	COMP/NOCOMP FUNCTIONS HAVE NO OPTIONS. (CIERR 4129)
	CAUSE	Option for this command not accepted.
	ACTION	Check syntax.
4130	MESSAGE	SPEED OPTION IGNORED FOR SHUT FUNCTION. (CIWARN 4130)
	CAUSE	The option given to SPEED has been ignored.
	ACTION	None. Information only.
4131	MESSAGE	EXTRANEOUS ";" IGNORED. POSSIBLE MISSING FUNCTION? (CIWARN 4131)
	CAUSE	Extraneous information ignored.
	ACTION	None. Information only.
4132	MESSAGE	EXTRANEOUS "," IGNORED. POSSIBLE MISSING OPTION? (CIWARN 4132)
	CAUSE	Extraneous information ignored.
	ACTION	None. Information only.
4133	MESSAGE	CREATION OF DS MONITOR PROCESS FAILED. (CIERR 4133)
	CAUSE	Same as the message.
	ACTION	Check with system manager.
4134	MESSAGE	PROGRAM FILE "DSMON.PUB.SYS" MISSING. (CIERR 4134)
	CAUSE	Referenced program does not exist.
	ACTION	Contact system manager.

4135	MESSAGE	DS MONITOR UNABLE TO RUN AS A SYSTEM PROCESS. (CIERR 4135)
	CAUSE	Specified DS monitor not able to run as a system process.
	ACTION	Check DS monitor.
4136	MESSAGE	CS DEVICE ! IS UNAVAILABLE FOR USE. (CIERR 4136)
	CAUSE	Device specified not accessible.
	ACTION	Check CS device.
4137	MESSAGE	DS DEVICE MUST BE OPEN PRIOR TO USE. (CIERR 4137)
	CAUSE	DS device not opened.
	ACTION	Open DS device.
4138	MESSAGE	USER SPECIFIED TRACE FILE NOT ALLOWED WHEN MORE THAN ONE DEVICE IN DEVICE CLASS. (CIERR 4138)
	CAUSE	Specified file not allowed. More than one device is in device class.
	ACTION	Check device classes.
4139	MESSAGE	DS DEVICE ! CURRENTLY CONTROLLED ELSEWHERE. (CIWARN 4139)
	CAUSE	Specified device can not be controlled from user's current location.
	ACTION	Specify another device.
4140	MESSAGE	DS DEVICE !: OPEN/SHUT NOT EXECUTED DUE TO ABOVE. (CIWARN 4140)
	CAUSE	Open/shut not executed for the given reason.
	ACTION	None. Information only.

4141	MESSAGE	DS DEVICE !: TRACE NOT EXECUTED DUE TO ABOVE. (CIWARN 4141)
	CAUSE	Trace not executed for given reason.
	ACTION	None. Information only.
4142	MESSAGE	DS DEVICE !: MON/MOFF NOT EXECUTED DUE TO ABOVE. (CIWARN 4142)
	CAUSE	MON/MOFF not executed due to reason given.
	ACTION	None. Information only.
4143	MESSAGE	DS DEVICE !: COMP/NOCOMP NOT EXECUTED DUE TO ABOVE. (CIWARN 4143)
	CAUSE	COMP/NOCOMP not executed due to reason given.
	ACTION	None. Information only.
4144	MESSAGE	DS DEVICE !: DEBUG NOT EXECUTED DUE TO ABOVE. (CIWARN 4144)
	CAUSE	DEBUG not executed due to given reason.
	ACTION	None. Information only.
4145	MESSAGE	NO DS DEVICES REMAINING TO BE CONTROLLED. (CIWARN 4145)
	CAUSE	There are no further DS devices to be controlled.
	ACTION	None. Information only.
4146	MESSAGE	RETRY OVERRIDES PREVIOUS RETRY FUNCTION. (CIWARN 4146)
	CAUSE	Previous RETRY overwritten.
	ACTION	None; the message is for information only.

4147	MESSAGE	EXPECTED AN "=" AS DELIMITER FOR RETRY FUNCTION. (CIERR 4147)
	CAUSE	Syntax error encountered.
	ACTION	Check syntax.
4148	MESSAGE	INVALID RETRY COUNT, MUST SPECIFY "DEFAULT" OR A NUMBER BETWEEN 0 AND 255 INCLUSIVE. (CIERR 4148)
	CAUSE	Syntax error encountered.
	ACTION	Check syntax.
4149	MESSAGE	DS DEVICE !: RETRY NOT EXECUTED DUE TO ABOVE. (CIWARN 4149)
	CAUSE	RETRY not executed due to the reason given.
	ACTION	None; the message is for information only.
4150	MESSAGE	DS INTERNAL FIX NUMBERS DIFFER. (CIWARN 4150)
	CAUSE	DS internal fix numbers given do not match.
	ACTION	Check syntax.
4151	MESSAGE	INCOMPATIBLE OR MISSING NONCRITICAL DS MODULE: DSCOPY, DSTEST, DS2026, OR DS2026CN. (CIWARN 4151)
	CAUSE	Errors encountered during process.
	ACTION	None; the message is for information only.
4152	MESSAGE	CRITICAL DS MODULES ARE INCOMPATIBLE, NO CONTROL FUNCTIONS EXECUTED. (CIERR 4152)
	CAUSE	Errors encountered during process.
	ACTION	Check DS modules and make sure they are installed correctly.

4153	MESSAGE	MISSING CRITICAL DS SOFTWARE, NO CONTROL FUNCTIONS EXECUTED. (CIERR 4153)
	CAUSE	Software referenced is not located.
	ACTION	Check with your service representative.
4154	MESSAGE	TOO MANY DS USERS ON THIS SYSTEM. CANNOT OBTAIN A VIRTUAL PROCESS NUMBER. (CIERR 4154)
	CAUSE	Too many users using the system to perform task, or too many DS lines are open.
	ACTION	Ask the system manager to close any open DS lines.
4180	MESSAGE	REDUNDANT SPECIFICATION OF CANCEL OPTION IGNORED. (CIWARN 4180)
	CAUSE	Extraneous information provided is ignored.
	ACTION	None; the message is for information only.
4181	MESSAGE	CANCEL OPTION HAS NO PARAMETERS. (CIERR 4181)
	CAUSE	Extraneous parameter given.
	ACTION	Check syntax.
4182	MESSAGE	DS DEVICE ! IS NOT AN X.21 DEVICE; CANCEL NOT EXECUTED. (CIWARN 4182)
	CAUSE	Device specified is not an X.21 device. Task not executed.
	ACTION	None; the message is for information only.

4183	MESSAGE	NO CALL REQUEST QUEUED FOR DS DEVICE !. (CIWARN 4183)
	CAUSE	There are currently no call requests waiting for the device specified.
	ACTION	None; the message is for information only.
4200	MESSAGE	EXPECTED ONE OR MORE OF THE CONTROL FUNCTIONS: START, TRACE, RETRIES, SIGNOFF, KILL, CHECK, OR VERIFY. (CIERR 4200)
	CAUSE	Syntax error encountered.
	ACTION	Check syntax.
4201	MESSAGE	EXCEEDED MAXIMUM NUMBER OF PARAMETERS. (CIERR 4201)
	CAUSE	Syntax error encountered.
	ACTION	Check syntax.
4202	MESSAGE	START ALREADY REQUESTED. (CIWARN 4202)
	CAUSE	Task has already been performed.
	ACTION	None; the message is for information only.
4203	MESSAGE	EXPECTED TWO PARAMETERS, HOSTID AND RETRYNUM. (CIERR 4203)
	CAUSE	Syntax error encountered.
	ACTION	Check syntax.
4204	MESSAGE	UNABLE TO OPEN CONFIGURATION FILE FOR THIS HOST. (CIERR 4204)
	CAUSE	Host configuration file is not accessible.
	ACTION	Check file security.
4205	MESSAGE	UNABLE TO ACCESS CONFIGURATION FILE FOR THIS HOST. (CIERR 4205)

4206	MESSAGE	INSUFFICIENT CAPABILITIES FOR MRJECONTROL COMMANDS. (CIERR 4206)
4207	MESSAGE	UNABLE TO CREATE MRJEMON. (CIERR 4207)
4208	MESSAGE	UNABLE TO ACTIVATE MRJEMON. (CIERR 4208)
4209	MESSAGE	MRJE ALREADY ACTIVE. (CIWARN 4209)
	CAUSE	Information only.
	ACTION	None. Information only.
4210	MESSAGE	NUMBER OF RETRIES MUST BE IN RANGE 1 - 255. (CIERR 4210)
4211	MESSAGE	SIGNOFF ALREADY REQUESTED. (CIWARN 4211)
	CAUSE	Information only.
	ACTION	None. Information only.
4212	MESSAGE	KILL ALREADY REQUESTED. (CIWARN 4212)
	CAUSE	Information only.
	ACTION	None. Information only.
4213	MESSAGE	INVALID DEVICE FOR MRJEO. (CIERR 4213)
4214	MESSAGE	EXPECTED AT LEAST ONE PARAMETER, "ON" OR "OFF". (CIERR 4214)
4215	MESSAGE	MRJE NOT ACTIVE. (CIWARN 4215)
	ACTION	None. Information only.

4216	MESSAGE	NO SYSTEM BUFFER AVAILABLE. COMMAND FAILED. (CIERR 4216)
4217	MESSAGE	"TRACE" ONLY VALID COMMAND HERE. (CIERR 4217)
4218	MESSAGE	MRJEMON ADOPT FAILURE. (CIERR 4218)
4219	MESSAGE	HOSTID MUST BE ALPHANUMERIC. (CIERR 4219)
4220	MESSAGE	SIGNOFF INVALID UNTIL HOST CONNECTION COMPLETED. (CIERR 4220)
4300	MESSAGE	THIS COMMAND HAS ONLY THREE PARAMETERS. (CIERR 4300)
4301	MESSAGE	A CS LOGICAL DEVICE NUMBER MUST BE SPECIFIED. (CIERR 4301)
4302	MESSAGE	LOGICAL DEVICE NUMBERS MUST BE BETWEEN 1 AND 2175. (CIERR 4302)
4303	MESSAGE	THE DEVICE SPECIFIED MUST BE A CS DEVICE. (CIERR 4303)
4304	MESSAGE	EXPECTED THE KEYWORD 'ERROR' OR 'RESET'. (CIERR 4304)
4305	MESSAGE	CS I/O ERROR #!
4306	MESSAGE	EXPECTED A ';' OR RETURN. (CIERR 4306)

4307	MESSAGE	EXECUTING THIS OPERATOR COMMAND BY OTHER THAN THE MASTER OPERATOR REQUIRES PERMISSION VIA THE ALLOW OR ASSOCIATE COMMANDS. (CIERR 4307)
4400	MESSAGE	PARAMETER MUST BE ALPHANUMERIC. (CIERR 4400)
4401	MESSAGE	ONLY OPTION AVAILABLE IS 'STDLIST'. (CIERR 4401)
4402	MESSAGE	EXPECTING AN ' = ' IN THIS POSITION. (CIERR 4402)
4403	MESSAGE	ONLY OPTIONS ALLOWED ARE 'SAVE' OR 'DELETE'. (CIERR 4403)
4404	MESSAGE	THIS OPTION IS ALREADY IN EFFECT. (CIWARN 4404)
	ACTION	None. Information only.
4405	MESSAGE	$STDLIST MUST BE SPOOLED FOR THIS COMMAND. (CIERR 4405)
4406	MESSAGE	UNEXPECTED CHARACTER--REST OF COMMAND IGNORED. (CIWARN 4406)
	ACTION	None. Information only.
4410	MESSAGE	STARTCACHE EXPECTS ONLY ONE PARAMETER, THE DEVICE NUMBER OF THE DEVICE TO BE CACHED. (CIERR 4410)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.

4411	MESSAGE	STOPCACHE EXPECTS ONLY ONE PARAMETER, THE DEVICE NUMBER OF THE CACHED DEVICE. (CIERR 4411)
	CAUSE	Syntax error.
	ACTION	Check the syntax and reenter the command.
4412	MESSAGE	DEVICE NOT CACHED. COULD NOT FIND THE CACHE DST. (CIERR 4412)
4413	MESSAGE	DEVICE NOT CACHED. CACHING INTERNAL ERROR. (CIERR 4413)
	CAUSE	Internal error.
	ACTION	Call your support representative.
4414	MESSAGE	SPECIFIED DEVICE ALREADY CACHED. (CIERR 4414)
4415	MESSAGE	DEVICE NOT CACHED. CACHING TABLE OVERFLOW. (CIERR 4415)
4416	MESSAGE	DEVICE NOT CACHED. DEVICE IS NOT CACHABLE. (CIERR 4416)
4417	MESSAGE	DISK CACHING NOT ENABLED ON THIS SYSTEM. (CIERR 4417)
4418	MESSAGE	THIS DEVICE IS NOT CACHED. (CIERR 4418)
4419	MESSAGE	DISK CACHING IS NOT ENABLED. (CIERR 4419)
4420	MESSAGE	DISK CACHING IS NOT ENABLED ON THIS SYSTEM. (CIERR 4420)

4421	MESSAGE	DISK CACHING IS NOT ENABLED FOR ANY DEVICES. (CIERR 4421)
4431	MESSAGE	WORKSTATION ID CANNOT BE MORE THAN 8 CHARACTERS LONG. (CIERR 4431)
4432	MESSAGE	WSID IS ALPHANUMERIC AND 1ST CHARACTER IS A LETTER. (CIERR 4432)
4433	MESSAGE	WORKSTATION ! NOT CONFIGURED. (CIERR 4433)
4434	MESSAGE	NRJE SUBSYSTEM NOT FOUND IN NRJE.SYS. (CIERR 4434)
4435	MESSAGE	UNABLE TO ACCESS NRJE CONFIGURATION. (CIERR 4435)
4436	MESSAGE	ENCOUNTERED ONE OR MORE ERRORS WHILE PROCESSING COMMAND. (CIERR 4436)
4437	MESSAGE	ENCOUNTERED ONE OR MORE WARNINGS WHILE PROCESSING COMMAND. (CIWARN 4437)
4445	MESSAGE	DUPLICATE KEYWORD, NEW VALUE USED. (CIWARN 4445)
4446	MESSAGE	CACHING IS NOT ENABLED ON THE SYSTEM. (CIERR 4446)
4447	MESSAGE	EXPECT INTEGER BETWEEN 1 AND 96. (CIERR 4447)
4448	MESSAGE	ILLEGAL CHARACTER, INTEGER BETWEEN 1 AND 96 EXPECTED. (CIERR 4448)

4450	MESSAGE	UNRECOGNIZED KEYWORD, EXPECT SEQUENTIAL, RANDOM, OR BLOCKONWRITE. (CIERR 4450)
4451	MESSAGE	EXPECT EQUAL SIGN (=) AS DELIMITER. (CIERR 4451)
4452	MESSAGE	CACHECONTROL HAS AT MOST 3 KEYWORD PARAMETERS. (CIERR 4452)
4453	MESSAGE	EXPECT 'YES' OR 'NO' FOR BLOCKONWRITE. (CIERR 4453)
4454	MESSAGE	EXPECT AT LEAST 1 KEYWORD PARAMETER. (CIERR 4454)
4500	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED, UNEXPECTED ERROR. (CIERR 4500)
4501	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED, BAD PROCESS NUMBER IN SPOOLING INFO. (CIERR 4501)
4502	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED, CANNOT SHOW DEVICE INFO. (CIERR 4502)
4503	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED, CANNOT WAKE SPOOLER. (CIERR 4503)
4504	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED, BAD SPOOLING INFO. (CIERR 4504)
4505	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED, INVALID COMMAND DETECTED. (CIERR 4505)

4506	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED, CANNOT UPDATE JOBFENCE. (CIERR 4506)
4507	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED, INVALID SPOOLER PROCESS STATE. (CIERR 4507)
4508	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED, INVALID VALUE FOR CASE STATEMENT (CIERR 4508)
4509	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED, CANNOT BUILD SELEQ. (CIERR 4509)
4510	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED, TARGET Q-LIST STRING TOO SMALL. (CIERR 4510)
4511	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED, CANNOT DELIMIT NAME. (CIERR 4511)
4512	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED, CANNOT GET DEVICE INFORMATION. (CIERR 4512)
4513	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED, CANNOT UPDATE DEVICE IMFORMATION. (CIERR 4513)
4514	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED, FAILED ON SPIT LOCK. (CIERR 4514)
4515	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED, FAILED ON SPIT UPDATE. (CIERR 4515)
4516	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED, FAILED ON SPIT UNLOCK. (CIERR 4516)

4517	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED, CANNOT GET OUTFENCE. (CIERR 4517)
4518	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED, CANNOT UPDATE OUTFENCE. (CIERR 4518)
4519	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED, CANNOT GET SPIT INFO. (CIERR 4519)
4521	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED, INVALID SPOOLING OPTION SPECIFIED. (CIERR 4521)
4522	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED. (CIERR 4522)
4523	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED. (CIERR 4523)
4524	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED. (CIERR 4524)
4525	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED. (CIERR 4525)
4526	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED, READ ERROR ON DIRECTORY. (CIERR 4526)
4527	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED. (CIERR 4527)
4528	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED. (CIERR 4528)
4529	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED. (CIERR 4529)

4530	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED. (CIERR 4530)
4531	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED, ILLEGAL OPTION IN LISTSPF. (CIERR 4531)
4532	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED. (CIERR 4532)
4533	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED. (CIERR 4533)
4534	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED, FAILED ON JSINFO. (CIERR 4534)
4535	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED. (CIERR 4535)
4536	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED. (CIERR 4536)
4537	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED. (CIERR 4537)
4538	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED. (CIERR 4538)
4540	MESSAGE	OUTFENCE > 14, 14 USED. (CIWARN 4540)
4541	MESSAGE	SPOOLF COPIES RANGE EXPECTED 1 TO 65535. (CIERR 4541)
4542	MESSAGE	SPOOLF EXPECTED PRIORITY BETWEEN 0 AND 14. (CIERR 4542)

4543	MESSAGE	SELEQ OPTION IS NOT MEANINGFUL WITH PRINT OPTION. (CIERR 4543)
4544	MESSAGE	SPOOLF EXPECTED PRIORITY BETWEEN 0 AND 13. (CIERR 4544)
4545	MESSAGE	KEEP AND FINISH OPTIONS ARE MUTUALLY EXCLUSIVE. (CIERR 4545)
4546	MESSAGE	FINISH AND OFFSET OPTIONS ARE MUTUALLY EXCLUSIVE. (CIERR 4546)
4547	MESSAGE	INVALID OPTION USED WITH NO KEYWORD SPECIFIED. (CIERR 4547)
4548	MESSAGE	INVALID OPTION USED WITH "START" KEYWORD SPECIFIED. (CIERR 4548)
4549	MESSAGE	INVALID OPTION USED WITH "STOP" KEYWORD SPECIFIED. (CIERR 4549)
4550	MESSAGE	INVALID OPTION USED WITH "SUSPEND" KEYWORD SPECIFIED. (CIERR 4550)
4551	MESSAGE	INVALID OPTION USED WITH "RESUME" KEYWORD SPECIFIED. (CIERR 4551)
4552	MESSAGE	INVALID OPTION USED WITH "RELEASE" KEYWORD SPECIFIED. (CIERR 4552)
4553	MESSAGE	INPUT SPOOLFILES CANNOT BE DEFFERRED. (CIERR 4553)
4554	MESSAGE	DEVICE NAME IS MISSING. (CIERR 4554)

4555	MESSAGE	INVALID FILESET USED FOR PRINT OPTION. (CIWARN 4555)
4556	MESSAGE	DEFER OPTION IS NOT MEANINGFUL FOR INPUT SPOOLFILE. (CIERR 4556)
4557	MESSAGE	NO OPTION IS SPECIFIED, EXPECTED ONE OF 'START', 'STOP', 'SUSPEND', 'RESUME', OR 'RELEASE'. (CIERR 4557)
4558	MESSAGE	INVALID OPTION USED WITH "DELETE", DELETE NOT PERFORMED. (CIERR 4558)
4559	MESSAGE	CANNOT ALTER INPUT SPOOLFILE'S ATTRIBUTES. (CIWARN 4559)
4560	MESSAGE	DETAIL AND STATUS ARE BOTH SPECIFIED. (CIERR 4560)
4561	MESSAGE	INVALID DEVICE NAME SPECIFIED IN THE SELEQ. (CIERR 4561)
4562	MESSAGE	"=", AND "<>" ARE THE ONLY APPLICABLE RELATIONAL OPERATOR FOR DEV PARM IN SELEQ. (CIERR 4562)
4563	MESSAGE	SELEQ 'PAGES' RANGE EXPECTED POSITIVE INTEGER. (CIERR 4563)
4564	MESSAGE	SELEQ 'COPIES' RANGE EXPECTED 1 TO 65535. (CIERR 4564)
4565	MESSAGE	SELEQ 'PRI' RANGE EXPECTED 0 TO 14. (CIERR 4565)
4566	MESSAGE	INVALID 'FILEDES' IS SPECIFIED. (CIERR 4566)

4567	MESSAGE	"=" AND "<>" ARE THE ONLY APPLICABLE RELATIONAL OPERATOR FOR FILEDES PARM IN SELEQ. (CIERR 4567)
4568	MESSAGE	"=", AND "<>" ARE THE ONLY APPLICABLE RELATIONAL OPERATOR FOR JOBNUM PARM IN SELEQ. (CIERR 4568)
4569	MESSAGE	SELEQ 'DATE' MUST BE EITHER MM/DD/YY OR MM/DD/YEAR. (CIERR 4569)
4570	MESSAGE	INVALID 'JOBNUM' IS SPECIFIED IN THE SELEQ. (CIERR 4570)
4571	MESSAGE	INVALID 'JOBNAME' IS SPECIFIED IN THE SELEQ. (CIERR 4571)
4572	MESSAGE	INVALID 'FORMID' IS SPECIFIED IN THE SELEQ. (CIERR 4572)
4573	MESSAGE	ACCOUNT NAME IS MISSING IN SELEQ 'OWNER='. (CIERR 4573)
4574	MESSAGE	INVALID 'OWNER' NAME IS SPECIFIED IN THE SELEQ. (CIERR 4574)
4575	MESSAGE	USER NAME IN SELEQ IS TOO LONG, MAXIMUM 8 CHARACTERS. (CIERR 4575)
4576	MESSAGE	ACCOUNT NAME IN SELEQ IS TOO LONG, MAXIMUM 8 CHARACTERS. (CIERR 4576)
4577	MESSAGE	SELEQ 'RECS' RANGE EXPECTED 1 TO 2147483647. (CIERR 4577)

4578	MESSAGE	"=", AND "<>" ARE THE ONLY APPLICABLE RELATIONAL OPERATOR FOR OWNER PARM IN SELEQ. (CIERR 4578)
4581	MESSAGE	SELEQ 'STATE' EXPECTED "READY", "ACTIVE", "OPEN", "CREATE", "PRINT", "PROBLM", "DELPND", "SPSAVE", OR "DEFER". (CIERR 4581)
4583	MESSAGE	INVALID 'SPOOLID' IS SPECIFIED IN THE SELEQ. (CIERR 4583)
4584	MESSAGE	FILEDES IN SELEQ IS TOO LONG, MAXIMUM 8 CHARATERS. (CIERR 4584)
4585	MESSAGE	SELEQ 'JOBNUM' EXPECTED JOB NUMBER BETWEEN 1 AND 16383. (CIERR 4585)
4586	MESSAGE	JOBNAME IN SELEQ IS TOO LONG, MAXIMUM 8 CHARACTERS. (CIERR 4586)
4587	MESSAGE	FORMID IN SELEQ IS TOO LONG, MAXIMUM 8 CHARACTERS. (CIERR 4587)
4588	MESSAGE	"=", AND "<>" ARE THE ONLY APPLICABLE RELATIONAL OPERATOR FOR JOBNAME PARM IN SELEQ. (CIERR 4588)
4589	MESSAGE	"=", AND "<>" ARE THE ONLY APPLICABLE RELATIONAL OPERATOR FOR FORMID PARM IN SELEQ. (CIERR 4589)
4590	MESSAGE	SELEQ 'SPOOLID' RANGE EXPECTED 1 TO 9999999. (CIERR 4590)
4591	MESSAGE	INVALID 'SPOOLID' IS SPECIFIED IN THE SELEQ. (CIERR 4591)

4592	MESSAGE	"=", AND "<>": ARE THE ONLY APPLICABLE RELATIONAL OPERATOR FOR SPOOLID PARM IN SELEQ. (CIERR 4592)
4593	MESSAGE	INVALID 'DISP' IS SPECIFIED, "SPSAVE' OR "PURGE". (CIERR 4593)
4594	MESSAGE	"=", AND "<>" ARE THE ONLY APPLICABLE RELATIONAL OPERATOR FOR DISP PARM IN SELEQ. (CIERR 4568)
4595	MESSAGE	SELEQ INTERNAL ERROR. (CIERR 4595)
4596	MESSAGE	"#" IS USED "O" OR "I" IS REQUIRED FOR SPOOLID IN SELEQ. (CIERR 4596)
4597	MESSAGE	SELEQ IS NOT ALLOWED IN SPOOLF ;PRINT. (CIERR 4597)
4598	MESSAGE	ACCOUNT NAME IS MISSING IN THE SELEQ. (CIERR 4598)
4599	MESSAGE	INVALID "JOBABORT" VALUE IS SPECIFIED, "TRUE" AND "FALSE" ARE THE ONLY QUALIFIED VALUES. (CIERR 4599)
4600	MESSAGE	"=" AND "< >" ARE THE ONLY APPLICABLE OPERATOFRS FOR JOBABORT PARM IN SELEQ. (CIERR 4600)
4601	MESSAGE	DEVICE \ DOES NOT EXIST ON THE SYSTEM. (CIERR 4601)
4602	MESSAGE	DEVICE / IS NOT A VALID DEVICE NAME. (CIERR 4602)
4603	MESSAGE	DEVICE / IS DOWN. (CIWARN 4603)

4604	MESSAGE	DEVICE / IS UNAVAILABLE. (CIWARN 4604)
4607	MESSAGE	DEVICE \ IS NOT SPOOLED FOR OUTPUT. (CIERR 4607)
4608	MESSAGE	DEVICE \ IS NOT CORRECT TYPE FOR SPOOLEE. (CIWARN 4608)
4609	MESSAGE	OPENQ IS NOT MEANINGFUL FOR INPUT SPOOLEE \. (CIWARN 4609)
4610	MESSAGE	SHUTQ IS NOT MEANINGFUL FOR INPUT SPOOLEE \. (CIWARN 4610)
4611	MESSAGE	DEVICE QUEUE ON DEVICE \ IS ALREADY OPENED. (CIWARN 4611)
4613	MESSAGE	USER DOES NOT HAVE ACCESS TO DEVICE \. (CIWARN 4613)
4614	MESSAGE	SPOOLER FOR DEVICE \ IS BUSY. (CIERR 4614)
4615	MESSAGE	CANNOT RESERVE DEVICE \, TRY LATER. (CIWARN 4615)
4616	MESSAGE	SUSPEND OPTION IS NOT MEANINGFUL FOR INPUT SPOOLEE \. (CIWARN 4616)
4617	MESSAGE	RESUME OPTION IS NOT MEANINGFUL FOR INPUT SPOOLEE \. (CIWARN 4617)
4618	MESSAGE	RELEASE OPTION IS NOT MEANINGFUL FOR INPUT SPOOLEE \. (CIWARN 4618)

4620	MESSAGE	SPOOLER ;SUSPEND NOT PERFORMED ON DEVICE \. (CIWARN 4620)
4621	MESSAGE	SPOOLER ;RESUME NOT PERFORMED ON DEVICE \. (CIWARN 4621)
4622	MESSAGE	SPOOLER ;RELEASE NOT PERFORMED ON DEVICE \. (CIWARN 4622)
4623	MESSAGE	OFFSET IGNORED, RESUME PERFORMED ON DEVICE \. (CIWARN 4623)
4624	MESSAGE	NO SPOOLFILE PRINTING ON DEVICE "\", OPTION IGNORED, DEVICE SUSPEND. (CIWARN 4624)
4626	MESSAGE	SECURITY VIOLATION - USER DOES NOT HAVE ACCESS TO DEVICE (DEVICE OR CLASS INSERTED HERE). (CIWARN 4626)
4651	MESSAGE	DEFER OPTION IS NOT MEANINGFUL FOR INPUT SPOOLFILE "\". (CIWARN 4651)
4652	MESSAGE	4652 has no message (CIERR 4652)
4653	MESSAGE	SPOOLFILE "/" DOES NOT EXIST ON THE SYSTEM. (CIWARN 4653)
4655	MESSAGE	SPSAVED SPOOLFILE "\" CANNOT BE DELETED. (CIWARN 4655)
4656	MESSAGE	PRIVATE SPOOLFILE "\" CANNOT BE SPSAVED. (CIWARN 4656)
4657	MESSAGE	PROBLEM SPOOLFILE "\" CANNOT BE DEFERRED. (CIWARN 4657)

4658	MESSAGE	SPVAED SPOOLFILE "\" CANNOT BE DEFERRED. (CIWARN 4658)
4659	MESSAGE	CANNOT CHANGE PRIORITY ON SPOOLFILE "\". (CIWARN 4659)
4660	MESSAGE	CANNOT ALTER COPIES ON SPOOLFILE "\". (CIWARN 4660)
4661	MESSAGE	CANNOT CHANGE DEVICE ON SPOOLFILE "\". (CIWARN 4661)
4663	MESSAGE	CANNOT DELETE ACTIVE DATA SPOOLFILE "\". (CIWARN 4663)
4664	MESSAGE	CANNOT DELETE SPOOLFILE "\", FILE BEING CREATED. (CIWARN 4664)
4665	MESSAGE	"\" IS INPUT SPOOLFILE, CANNOT BE DELETED. (CIWARN 4665)
4666	MESSAGE	"\" IS JOB FILE, CANNOT BE DELETED. (CIWARN 4666)
4667	MESSAGE	"\" IS A PRIVATE SPOOLFILE, REQUIRE 'SM' CAPABILITY TO ALTER DEVICE. (CIWARN 4667)
4668	MESSAGE	CANNOT ALTER DEVICE ON OPENED STDLIST SPOOLFILE "\". (CIWARN 4668)
4669	MESSAGE	SECURITY VIOLATION - CREATOR OF SPOOLFILE (SPOOLFILE ID INSERTED HERE) DOES NOT HAVE ACCESS TO THE TARGET DEVICE. (CIWARN 4669)

4690	MESSAGE	PRIVATE FILE "\" CANNOT BE SPOOLF ;PRINT. (CIWARN 4690)
4691	MESSAGE	FCLOSE FAILED ON TARGET SPOOLFILE FOR "\". (CIWARN 4691)
4692	MESSAGE	FREAD ERROR ON SOURCE FILE "\". (CIERR 4692)
4693	MESSAGE	FILE "\" IS ACCESSED BY ANOTHER PROCESS. (CIWARN 4693)
4694	MESSAGE	FILE "\" IS NOT OUTSP FILE TYPE, NOT PRINTED. (CIWARN 4694)
4695	MESSAGE	'DEV=' IS NEEDED FOR SPOOLF ;PRINT ON FILE "\". (CIWARN 4695)
4696	MESSAGE	LOCKWORD VIOLATION FOR FILE "\". (CIWARN 4696)
4697	MESSAGE	FIRST CHARACTER IN LOCKWORD NOT ALPHABETIC FOR FILE "\". (CIWARN 4697)
4698	MESSAGE	LOCKWORD > 8 CHARACTERS LONG FOR FILE "\". (CIWARN 4698)
4699	MESSAGE	"\" IS AN EMPTY FILE, NOT PRINTED. (CIWARN 4699)
4700	MESSAGE	FILE SECURITY VIOLATION ON FILE "\". (CIWARN 4700)
4701	MESSAGE	DEVICE SECURITY VIOLATION ON FILE (FILE NAME INSERTED HERE). (CIWARN 4701)

4702	MESSAGE	USE OF PRINT OPTION REQUIRES NONSHARABLE DEVICE (ND) & CAPABILITY TO ACCESS TARGET DEVICE OF THE FILE (FILE NAME INDERTED HERE). (CIWARN 4702)
4721	MESSAGE	USE OF PRINT OPTION REQUIRES NONSHARABLE DEVICE (ND) CAPABILITY. (CIERR 4721)
4722	MESSAGE	SPOOLER INTERNAL ERROR OCCURRED. (CIERR 4722)
4784	MESSAGE	DEVICE NAME TOO LONG. (CIERR 4784)
4785	MESSAGE	'OFFSET' PARM MUST BE IN THE RANGE OF -2147483648 TO 2147483647. (CIERR 4785)
4786	MESSAGE	INDIRECT FILE'S RECORDS TOO LONG - TRUNCATED. (CIWARN 4786)
4787	MESSAGE	ERROR WRITING $STDLIST FROM SPOOLER COMMAND. (CIERR 4787)
4788	MESSAGE	TOO MANY LINES IN INDIRECT FILE. (CIERR 4788)
4789	MESSAGE	EXCEEDED MAXIMUM 277 CHARACTERS IN INDIRECT FILE. (CIERR 4789)
4790	MESSAGE	UNABLE TO ACCESS INDIRECT FILE. (CIERR 4790)
4791	MESSAGE	INTERNAL ERROR PARSING INDIRECT SELECTION EQUATION. (CIERR 4791)

4792	MESSAGE	SPOOLID MUST BE [#]O]NNNNN | [#]INNNNN | O@ | I@ | @. (CIERR 4792)
4793	MESSAGE	VALID SPOOLID WILDCARDS ARE: @, I@ AND O@. (CIERR 4793)
4794	MESSAGE	SPOOLID WILDCARDS ARE NOT ALLOWED IN SPOOLID LISTS. (CIERR 4794)
4795	MESSAGE	DUPLICATE SPOOLID: IGNORED. (CIWARN 4795)
4796	MESSAGE	SPOOLID LIST NOT ALLOWED WITH SPOOLID WILDCARD. (CIERR 4796)
4797	MESSAGE	REQUIRED PARM 'LDEV' NOT SUPPLIED. (CIERROR 4797)
4798	MESSAGE	'OFFSET' PARM MUST BE NUMERIC. (CIERROR 4798)
4799	MESSAGE	SPOOLID NAME TOO LONG. (CIERR 4799)
4801	MESSAGE	FWRITE ERROR OCCURRED ON TARGET SPOOLFILE. (CIERR 4801)
4802	MESSAGE	INVALID FILESET USED FOR SPOOLF ;PRINT. (CIERR 4802)
4803	MESSAGE	NON-EXISTENT FILE. (CIWARN 4803)
4804	MESSAGE	UNIDENTIFIABLE FILESET NAME. (CIWARN 4804)
4805	MESSAGE	USER ABORT ON SPOOLF ;PRINT. (CIWARN 4805)

4806	MESSAGE	INVALID SPOOLID IS SPECIFIED. (CIWARN 4806)
4807	MESSAGE	SPOOLID IS NOT ALLOWED FOR SPOOLF ;PRINT. (CIERR 4807)
4808	MESSAGE	NO QUALIFIED FILE FOR SPOOLF ;PRINT. (CIWARN 4808)
4809	MESSAGE	NO QUALIFIED SPOOLFILE(S)
4810	MESSAGE	"FILES" PARAMETER IS NOT ALLOWED. (CIERR 4810)
5000	MESSAGE	INTERNAL DS ERROR - NO KEYWORD TABLE. (CIERR 5000)
5001	MESSAGE	INTERNAL DS ERROR - NO ASGLOBAL DST. (CIERR 5001)
5002	MESSAGE	INVALID ASCAT.NET.SYS MESSAGE FILE. (CIERR 5002)
5003	MESSAGE	INTERNAL DS ERROR - COULD NOT ALLOCATE KEYWORD BUFFER. (CIERR 5003)
5004	MESSAGE	ASCAT.NET.SYS MESSAGE CATALOG DOES NOT EXIST. (CIERR 5004)
5005	MESSAGE	INTERNAL DS ERROR - COULD NOT CREATE KEYWORD TABLE. (CIERR 5005)
5006	MESSAGE	NONNUMERIC CHARACTER IN ENVIRONMENT NUMBER. (CIERR 5006)

5007	MESSAGE	NONALPHANUMERIC CHARACTER IN ENVIRONMENT ID OR NODE NAME. (CIERR 5007)
5008	MESSAGE	FILE NAME PART LONGER THAN 8 CHARACTERS. (CIERR 5008)
5009	MESSAGE	NONALPHANUMERIC CHARACTER IN FILE NAME. (CIERR 5009)
5010	MESSAGE	EXPECTED , ; OR RETURN. (CIERR 5010)
5011	MESSAGE	EXPECTED ON OR OFF. (CIERR 5011)
5012	MESSAGE	EXPECTED TRACE SERVICE: ALL, VT, NFT, OR RFA. (CIERR 5012)
5013	MESSAGE	EXPECTED MAXIMUM NUMBER OF TRACE RECORDS. (CIERR 5013)
5014	MESSAGE	EXPECTED MAXIMUM LENGTH OF TRACE DATA. (CIERR 5014)
5015	MESSAGE	EXPECTED TRANS OPTION. (CIERR 5015)
5016	MESSAGE	EXPECTED =. (CIERR 5016)
5017	MESSAGE	TOO MANY PARAMETERS IN TRACE OPTION. (CIERR 5017)
5018	MESSAGE	EXPECTED " OR '. (CIERR 5018)
5019	MESSAGE	EXPECTED ; OR RETURN. (CIERR 5019)

5020	MESSAGE	QUIET OVERRIDES PREVIOUS QUIET OPTION. (CIWARN 5020)
5021	MESSAGE	PROMPT OVERRIDES PREVIOUS PROMPT OPTION. (CIWARN 5021)
5022	MESSAGE	LOGON OVERRIDES PREVIOUS LOGON OPTION. (CIWARN 5022)
5023	MESSAGE	COMP OVERRIDES PREVIOUS COMP OR NOCOMP OPTION. (CIWARN 5023)
5024	MESSAGE	NOCOMP OVERRIDES PREVIOUS COMP OR NOCOMP OPTION. (CIWARN 5024)
5025	MESSAGE	TOO MANY TRACE OPTIONS (MAXIMUM OF 10). (CIERR 5025)
5026	MESSAGE	DS/3000 DSLINE OPTION IS IGNORED FOR NS NODE. (CIWARN 5026)
5027	MESSAGE	INVALID DSLINE OPTION; EXPECTED QUIET, PROMPT, LOGON, COMP, NOCOMP, CLOSE, RESET, TRACE, SHOW, OR SERVICES. (CIERR 5027)
5028	MESSAGE	INTERNAL DS ERROR - COULD NOT ADD VTREQ PORT. (CIERR 5028)
5029	MESSAGE	INTERNAL DS ERROR - COULD NOT SEND SERVICE REQUEST. (CIERR 5029)
5030	MESSAGE	INTERNAL DS ERROR - COULD NOT SEND START VT MSG. (CIERR 5030)
5031	MESSAGE	INTERNAL DS ERROR - COULD NOT CREATE VT REQ PORT. (CIERR 5031)

5032	MESSAGE	INTERNAL DS ERROR - COULD NOT GET PORT DST. (CIERR 5032)
5033	MESSAGE	INTERNAL DS ERROR - COULD NOT START VT. (CIERR 5033)
5034	MESSAGE	INTERNAL DS ERROR - RECEIVED BAD PORT MESSAGE. (CIERR 5034)
5035	MESSAGE	VT SERVER NOT AVAILABLE NOW. (CIERR 5035)
5036	MESSAGE	LOCAL VT SERVICE HAS NOT BEEN STARTED. (CIERR 5036)
5037	MESSAGE	LOCAL VT SERVICE HAS BEEN ABORTED. (CIERR 5037)
5038	MESSAGE	VIRTUAL TERMINAL SERVICE DETECTED AN ERROR. (CIERR 5038)
5039	MESSAGE	INTERNAL DS ERROR - COULD NOT SEND REMOTE COMMAND. (CIERR 5039)
5040	MESSAGE	INVALID TRACE INFORMATION. (CIERR 5040)
5041	MESSAGE	COULD NOT USE ENVIRONMENT. (CIERR 5041)
5042	MESSAGE	COULD NOT USE GENERIC ENVIRONMENT. (CIERR 5042)
5043	MESSAGE	ALL DSLINE OPTIONS BUT CLOSE ARE IGNORED. (CIWARN 5043)

5044	MESSAGE	ALL DSLINE OPTIONS BUT RESET ARE IGNORED. (CIWARN 5044)
5045	MESSAGE	DSLINE OPTION OVERRIDES PREVIOUS DSLINE OPTION. (CIWARN 5045)
5046	MESSAGE	DSLINE OPTION IGNORED. (CIWARN 5046)
5047	MESSAGE	GENERIC ENVIRONMENT ID NOT ALLOWED HERE. (CIERR 5047)
5048	MESSAGE	NO DEFAULT ENVIRONMENT FROM PREVIOUS :DSLINE OR :REMOTE (CIERR 5048)
5049	MESSAGE	INVALID NSCONTROL OPTION: EXPECTED START, STOP, ABORT, SERVER, LOG, DEBUG, STATUS, AUTOLOGON OR VERSION. (CIERR 5049)
5050	MESSAGE	TOO MANY NSCONTROL OPTIONS. (CIERR 5050)
5051	MESSAGE	EXPECTED SERVER PROGRAM FILE NAME. (CIERR 5051)
5052	MESSAGE	EXPECTED MINIMUM NUMBER OF SERVERS (>= 0 AND <=32767) (CIERR 5052)
5053	MESSAGE	EXPECTED DEBUG OPTION. (CIERR 5053)
5054	MESSAGE	TOO MANY SERVER PARAMETERS; EXPECTED AT MOST FOUR. (CIERR 5054)
5055	MESSAGE	TOO MANY LOG PARAMETERS; EXPECTED AT MOST THREE. (CIERR 5055)

5056	MESSAGE	EXPECTED ON OR OFF. (CIERR 5056)
5057	MESSAGE	EXPECTED MODULE TO BE LOGGED; EXPECTED DSDAD, DSSERVER, ENV, OR VT. (CIERR 5057)
5058	MESSAGE	EXPECTED HIGH OR LOW. (CIERR 5058)
5060	MESSAGE	INTERNAL DS ERROR - COULD NOT SEND CONTROL MESSAGE. (CIERR 5060)
5061	MESSAGE	DSDAD.NET.SYS DOES NOT EXIST. (CIERR 5061)
5062	MESSAGE	INVALID CONTROL OPTION. (CIERR 5062)
5063	MESSAGE	INVALID SERVER PIN. (CIERR 5063)
5064	MESSAGE	PROMPT MUST BE 8 CHARACTERS OR LESS. (CIERR 5064)
5065	MESSAGE	LOGON MUST BE 54 CHARACTERS OR LESS. (CIERR 5065)
5067	MESSAGE	INTERNAL ERROR - DSLINE JCW NOT FOUND. (CIERR 5067)
5068	MESSAGE	OPTION IS NOT SUPPORTED BY DS/3000. (CIERR 5068)
5069	MESSAGE	TRACE OPTION IS IGNORED FOR DS/3000 NODE. (CIWARN 5069)
5070	MESSAGE	PROMPT OPTION IS IGNORED FOR DS/3000 NODE. (CIWARN 5070)

5071	MESSAGE	LOGON OPTION IS IGNORED FOR DS/3000 NODE. (CIWARN 5071)
5072	MESSAGE	REMOTE COMMANDS NOT ALLOWED DURING PTOP OR RPM USE. (CIERR 5072)
5073	MESSAGE	ABORT DOES NOT ACCEPT ANY PARAMETERS. (CIERR 5073)
5074	MESSAGE	EXPECTED ONE OF USERS, SERVICES, SERVERS, OR ALL. (CIERR 5074)
5075	MESSAGE	EXPECTED MAXIMUM NUMBER OF SERVERS (>= 0 AND <=32767) (CIERR 5075)
5076	MESSAGE	WILD CARD CHARACTERS NOT ALLOWED IN NODE NAME. (CIERR 5076)
5077	MESSAGE	NETWORK SERVICE SOFTWARE VERSIONS DO NOT MATCH. (CIERR 5077)
5078	MESSAGE	PM CAPABILITY NEEDED TO USE DEBUG OPTION. (CIERR 5078)
5079	MESSAGE	SYSTEM CONSOLE NEEDED TO USE DEBUG OPTION. (CIERR 5079)
5080	MESSAGE	EXPECTED GENERIC ENVIRONMENT ID. (CIERR 5080)
5081	MESSAGE	INVALID VERSION OPTION. EXPECTED MOD. (CIERR 5081)
5082	MESSAGE	REMOTE HELLO FAILED. (CIERR 5082)
5083	MESSAGE	NS HAS NOT BEEN STARTED BY AN :NSCONTROL START. (CIWARN 5083)

5084	MESSAGE	INVALID ENVIRONMENT NUMBER. (CIERR 5084)
5085	MESSAGE	LOGON STRING EXPECTED. (CIERR 5085)
5086	MESSAGE	EXPECTED SERVICE NAME. (CIERR 5086)
5087	MESSAGE	EXPECTED ENVIRONMENT ID OR NODE NAME. (CIERR 5087)
5088	MESSAGE	REMOTE SESSION CANNOT LOGOFF WHILE RFA/RDBA IS ACTIVE. (CIERR 5088)
5089	MESSAGE	ANOTHER PROCESS IS EXECUTING A REMOTE COMMAND IN THIS ENVIRONMENT. (CIERR 5089)
5100	MESSAGE	UNABLE TO STORE NFT PORT ID IN PORT DICTIONARY. (CIERR 5100)
5101	MESSAGE	ERROR OCCURRED WHEN SETTING UP NFT SERVER. (CIERR 5101)
5102	MESSAGE	NFT SERVER WAS ABORTED. (CIERR 5102)
5103	MESSAGE	CRITICAL INTERNAL NFT ERROR. (CIERR 5103)
5104	MESSAGE	ATTEMPT TO PLACE NFT SERVER INTO REQUESTOR'S ENVIRONMENT FAILED. (CIERR 5104)
5105	MESSAGE	UNABLE TO CONTACT NFT SERVER. (CIERR 5105)

5106	MESSAGE	NO NFT SERVERS ARE CURRENTLY AVAILABLE. (CIERR 5106)
5107	MESSAGE	NS NFT NOT STARTED VIA NSCONTROL. (CIERR 5107)
5150	MESSAGE	EXPECTED 1ST ALPHA CHAR FOR AN NS ENVID NAME IN FILE REF. (CIERR 5150)
5151	MESSAGE	ONE OF THE NAMES FOR NS ENVID IS MISSING. (CIERR 5151)
5152	MESSAGE	ONE OF THE NAMES FOR NS ENVID IS TOO LONG. (CIERR 5152)
5153	MESSAGE	NS NOT INSTALLED, UNABLE TO PARSE NS ENVID (CIERR 5153)
5154	MESSAGE	INTERNAL ERROR IN FPARSE, INCONSISTENT SYSTEM DATA STRUCTURES (CIERR 5154)
5400	MESSAGE	NSCONTROL COMMAND ERROR. (CIERR 5400)
5401	MESSAGE	DSLINE COMMAND ERROR. (CIERR 5401)
5402	MESSAGE	REMOTE COMMAND ERROR. (CIERR 5402)
5500	MESSAGE	NOQUIET OVERRIDES PREVIOUS QUIET OR NOQUIET OPTION. (CIWARN 5500)
5501	MESSAGE	RESOURCE ERROR - COULD NOT GET DST. (CIERR 5501)
5502	MESSAGE	LIST IS INCOMPLETE - RESOURCE ERROR. (CIWARN 5502)

5509	MESSAGE	INTERNAL DS ERROR - COULD NOT ADD VTNEWPRT. (CIERR 5099)
6020	MESSAGE	INSUFFICIENT RESOURCES FOR LOGON. (CIERR 6020)
6021	MESSAGE	COULD NOT ADOPT NS PROCESS. (CIERR 6021)
6022	MESSAGE	CANNOT INITIATE NEW REMOTE SESSIONS NOW. (CIERR 6022)
6025	MESSAGE	SYSTEM CI CANNOT BE ACTIVATED. (CIERR 6025)
6026	MESSAGE	USER CI CANNOT BE ACTIVATED. (CIERR 6026)
6027	MESSAGE	ABORTED BY SYSTEM MANAGEMENT. (CIERR 6027)
6028	MESSAGE	EXCEEDS TIME LIMIT. (CIERR 6028)
6035	MESSAGE	SYSTEM CI CANNOT BE CREATED. (CIERR 6035)
6050	MESSAGE	STREAM DEFAULT IN LDEV IS INVALID. (CIERR 6050)
6052	MESSAGE	STREAM DEFAULT LIST LDEV/CLASS IS INVALID. (CIERR 6052)
6054	MESSAGE	INVALID IN LDEV. (CIERR 6054)
6056	MESSAGE	CONFIGURED LIST LDEV/CLASS IS INVALID. (CIERR 6056)

Computer Museum

6057	MESSAGE	EXPECTED A :HELLO COMMAND. (CIERR 6057)
	CAUSE	You forgot to log on with the :HELLO command.
	ACTION	At the logon prompt, enter "HELLO user.acct".
6058	MESSAGE	WARNING: EXPECTED A :JOB OR :DATA COMMAND. (CIERR 6058)
	CAUSE	When you enter the :STREAM command, the system looks for a "!JOB user.acct" command in the job file you are streaming. If it does not find the command, it ignores all other input until that command is entered.
	ACTION	Edit your job file so that it has the appropriate "!JOB user.acct" command line in it. Then stream the job again.
6059	MESSAGE	THE INPUT DEVICE IS NOT :JOB OR :DATA ACCEPTING. (CIERR 6059)
6060	MESSAGE	THE INPUT DEVICE IS NOT :JOB ACCEPTING. (CIERR 6060)
6061	MESSAGE	THE INPUT DEVICE IS NOT :DATA ACCEPTING. (CIERR 6061)
6104	MESSAGE	CI PARM MUST BE BETWEEN -32768 AND 32767. (CIWARN 6104)
	CAUSE	The value you entered with the "PARM=" option of the :HELLO command does not lie between -32768 and 32767.
	ACTION	Check the syntax of the :HELLO command and reenter it using an appropriate value with the "PARM=" option. correctly.

6105	MESSAGE	CI PARM MUST BE NUMERIC. (CIWARN 6105)
	CAUSE	The value you entered with the "PARM=" option of the :HELLO command does not lie between -32768 and 32767.
	ACTION	Check the syntax of the :HELLO command and reenter it using an appropriate value with the "PARM=" option.
6110	MESSAGE	BAD CI FILENAME. (CIWARN 6110)
	CAUSE	The value you entered with the "PARM=" option of the :HELLO command does not lie between -32768 and 32767.
	ACTION	Check the syntax of the :HELLO command and reenter it using an appropriate value with the "PARM=" option.
6120	MESSAGE	CANNOT INITIATE PROGRAMMATIC SESSIONS NOW. (CIERR 6120)
6121	MESSAGE	CANNOT LOGON WHILE IN SINGLE USER MODE. (CIERR 6121)
6125	MESSAGE	LDEV IS NOT AVAILABLE. (CIERR 6125)
6130	MESSAGE	WARNING: NOWAIT PARM IS VALID FOR :STARTSESS ONLY. (CIERR 6130)
6131	MESSAGE	AN INTERNAL JOB/SESSION ERROR OCURRED IN 'STARTLOGON'. (CIERR 6131)
6144	MESSAGE	INTERNAL SECURITY MODULE ERROR. (CIERR 6144)

6145	MESSAGE	A FILE SYSTEM FCHECK ERROR OCCURRED IN THE SECURITY MODULE. (CIERR 6145)
6146	MESSAGE	INTERNAL SYSTEM ERROR: UNEXPECTED SECURITY STATUS IN 'STARTLOGON'. (CIERR 6146)
6140	MESSAGE	NON-EXISTENT ACCOUNT ON VOLUME SET. (CIERR 6140)
6141	MESSAGE	NON-EXISTENT GROUP ON VOLUME SET. (CIERR 6141)
6142	MESSAGE	ACCESS TO VOLUME SET DENIED. (CIERR 6142)
6143	MESSAGE	VOLUME CONTAINING DIRECTORY ENTRY IS NOT MOUNTED. (CIERR 6143)
6300	MESSAGE	UNKNOWN KEYWORD. EXPECTED ";IN", ";AT", ";DAY", OR ";DATE". (CIERR 6300)
6301	MESSAGE	CAN'T SPECIFY "IN" WITH ANY OTHER KEYWORD. (CIERR 6301)
6302	MESSAGE	CAN'T SPECIFY BOTH "DAY" AND "DATE". (CIERR 6302)
6303	MESSAGE	CAN'T SPECIFY A TIME PREVIOUS TO THE CURRENT TIME. (CIERR 6303)
6304	MESSAGE	TIME PARAMETER KEYWORDS MUST BE PRECEDED BY A SEMICOLON. (CIERR 6304)
6308	MESSAGE	"AT" KEYWORD CAN ONLY BE SPECIFIED ONCE. (CIERR 6308)

6309	MESSAGE	EXPECTED AN EQUALS SIGN ("=") AFTER "AT". (CIERR 6309)
6310	MESSAGE	EXPECTED A TIME SPECIFICATION IN THE FORM, "HH:MM", AFTER "AT". (CIERR 6310)
6311	MESSAGE	HOUR SPECIFICATION MUST BE NUMERIC BETWEEN 0 AND 23, INCLUSIVE. (CIERR 6311)
6312	MESSAGE	EXPECTED A COLON (":") BETWEEN THE HOUR AND MINUTES SPECIFICATIONS. (CIERR 6312)
6313	MESSAGE	"AT" KEYWORD REQUIRES BOTH AN HOUR AND MINUTE SPECIFICATION. (CIERR 6313)
6314	MESSAGE	MINUTE SPECIFICATION MUST BE NUMERIC BETWEEN 0 AND 59, INCLUSIVE. (CIERR 6314)
6318	MESSAGE	"DAY" KEYWORD CAN ONLY BE SPECIFIED ONCE. (CIERR 6318)
6319	MESSAGE	EXPECTED AN EQUALS SIGN ("=") AFTER "DAY". (CIERR 6319)
6320	MESSAGE	EXPECTED A DAY SPECIFICATION AFTER "DAY". (CIERR 6320)
6321	MESSAGE	THE DAY OF THE MONTH SPECIFICATION IS LARGER THAN THE DATE OF THE LAST DAY OF THE IMPLIED MONTH. (CIERR 6321)

6322	MESSAGE	BAD SPECIFICATION FOR DAY. EXPECTED EITHER A WEEKDAY NAME, A DAY OF THE MONTH NUMBER, OR A DAY FROM THE END OF THE MONTH NUMBER. (CIERR 6322)
6323	MESSAGE	DAY FROM THE END OF THE MONTH SPECIFICATION TOO LARGE. (CIERR 6323)
6324	MESSAGE	ZERO NOT ALLOWED. EXPECTED A POSITIVE NUMBER (DAY OF MONTH) OR A NEGATIVE NUMBER (DAY FROM END OF MONTH). (CIERR 6324)
6328	MESSAGE	"DATE" KEYWORD CAN ONLY BE SPECIFIED ONCE. (CIERR 6328)
6329	MESSAGE	EXPECTED AN EQUALS SIGN ("=") AFTER "DATE". (CIERR 6329)
6330	MESSAGE	EXPECTED A "MM/DD/YY" SPECIFICATION AFTER "DATE". (CIERR 6330)
	CAUSE	An invalid entry was made following the "DATE" keyword.
	ACTION	Reenter the command and specify the date in the "MM/DD/YY" format.
6331	MESSAGE	EXPECTED A NUMBER BETWEEN 1 AND 12 INCLUSIVE FOR THE MONTH SPECIFICATION. (CIERR 6331)
	CAUSE	An invalid number was entered for the month.
	ACTION	Use a number between 1 and 12 for the month specification.

6332	MESSAGE	EXPECTED A "/" IN THE "MM/DD/YY" SPECIFICATION. (CIERR 6332)
	CAUSE	A slash (/) was not used as a separator between the month, day, and year entries.
	ACTION	Separate the month, day, and year entries with a slash (/).
6333	MESSAGE	EXPECTED A NUMBER SPECIFYING THE DAY OF THE MONTH. (CIERR 6333)
	CAUSE	A non-numeric character was used when specifying the day of the month.
	ACTION	Make sure that a numeric character is used when specifying the day of the month.
6334	MESSAGE	EXPECTED A NUMBER BETWEEN THE CURRENT YEAR NUMBER AND 99 FOR THE YEAR SPECIFICATION. (CIERR 6334)
	CAUSE	A number less than the current year or greater than 99 was used when specifying the year.
	ACTION	Make sure that the year specified is greater than the current year and less than 99.
6338	MESSAGE	"IN" KEYWORD CAN ONLY BE SPECIFIED ONCE. (CIERR 6338)
	CAUSE	The "IN" keyword was specified more than once.
	ACTION	Reenter the command using the "IN" keyword only once.
6339	MESSAGE	EXPECTED AN EQUALS SIGN ("=") AFTER "IN". (CIERR 6339)
	CAUSE	An equal sign (=) was missing after the "IN" keyword entry.
	ACTION	Reenter the command and make sure that the "IN" keyword is followed by an equal sign (=) and a value.

6340	MESSAGE	EXPECTED A "DAYS [, HOURS [, MINS]]" SPECIFICATION AFTER "IN". (CIERR 6340)
	CAUSE	A value was not specified with the "IN" keyword.
	ACTION	Reenter the command and make sure the "IN" keyword is followed by an equal sign (=) and a value.
6341	MESSAGE	EXPECTED A POSITIVE NUMBER SPECIFYING THE DAY OFFSET. (CIERR 6341)
	CAUSE	A negative number was specified as the day offset.
	ACTION	Reenter the command and make sure that a positive number is used as the day offset.
6342	MESSAGE	EXPECTED A POSITIVE NUMBER SPECIFYING THE HOURS OFFSET. (CIERR 6342)
	CAUSE	A negative number was specified as the hours offset.
	ACTION	Reenter the command and make sure that a positive number is used as the hours offset.
6343	MESSAGE	EXPECTED A POSITIVE NUMBER SPECIFYING THE MINUTES OFFSET. (CIERR 6343)
	CAUSE	A negative number was specified as the minutes offset.
	ACTION	Reenter the command and make sure that a positive number is used as the minutes offset.

6355	MESSAGE	SPECIFIED TIME IS EARLIER THAN OR AT THE CURRENT TIME. JOB(S) WILL BE :STREAMED IMMEDIATELY. (CIWARN 6355)
	CAUSE	The job will be streamed immediately because of the value you specified with the ;AT, or ;DAY, or ;DATE, or ;IN option.
	ACTION	If you want the job to stream at a future time and date, you must edit the job file so that the time, day, or date specified in the file is later than the current time, day, or date.
7000	MESSAGE	SPECIFIED DEVICE NOT WITHIN RANGE OF VALID LDEVS. (CIERR 7000)
	CAUSE	The device specified was outside the range of valid logical devices.
	ACTION	Use SHOWDEV to view valid ldevs. Then reenter the command and make sure that the specified device is within the range of valid logical devices.
7001	MESSAGE	SPECIFIED DEVICE MUST NOT BE VIRTUAL. (CIERR 7001)
	CAUSE	The device specified is a virtual device.
	ACTION	Ask the system manager to use SYSGEN to determine which ldevs are associated with actual pieces of hardware. Then reenter the command and specify the appropriate ldev (must NOT be a virtual device).
7002	MESSAGE	SPECIFIED DEVICE MUST BE A TERMINAL. (CIERR 7002)
	CAUSE	The device specified in the command entry is not a terminal.
	ACTION	Ask the system manager to use SYSGEN to determine which ldevs are associated with terminals. Then reenter the command and make sure the device specified is a terminal.

7003	MESSAGE	SPECIFIED DEVICE IS NOT FREE. (CIERR 7003)
	CAUSE	The device specified is not available for use.
	ACTION	Use SHOWDEV to see if the device is "AVAILABLE". Then reenter the command and make sure the device specified is available for use.
7004	MESSAGE	SPECIFIED DEVICE MUST BE JOB ACCEPTING. (CIERR 7004)
7005	MESSAGE	SPECIFIED DEVICE IS IN DIAGNOSTIC MODE. (CIERR 7005)
	CAUSE	A diagnostic utility is running on the specified device.
	ACTION	Reenter the command and make sure the device specified is not in the diagnostic mode.
7006	MESSAGE	SPECIFIED DEVICE IS UNAVAILABLE TO SYSTEM. (CIERR 7006)
	CAUSE	The specified device is not available to the system.
	ACTION	Ask the operator to "UP" the device.
7007	MESSAGE	SPECIFIED DEVICE HAS A DOWN PENDING ON IT. (CIERR 7007)
	CAUSE	The DOWN command has been issued against this device and will take effect as soon as the current work performed on the device is completed.
	ACTION	Reenter the command and use another device if possible. If not, consult with your system operator or system manager.

7008	MESSAGE	SPECIFIED DEVICE MUST NOT BE A DS DEVICE. (CIERR 7008)
	CAUSE	The device specified is a distributed system (DS) device.
	ACTION	Reenter the command and make sure the specified device is not a DS device.
7009	MESSAGE	MUST HAVE PS CAPABILITY TO EXECUTE THIS COMMAND. (CIERR 7009)
	CAUSE	A command was entered that requires programmatic sessions (PS) capability.
7010	MESSAGE	MUST HAVE SEMI-COLON (;) DELIMITER. (CIERR 7010)
	CAUSE	A semi-colon (;) delimiter was ommitted in the command entry.
	ACTION	Reenter the command and make sure that the semi-colon delimiter is used.
7011	MESSAGE	EXPECTED VALID INTEGER NUMBER OF LDEV. (CIERR 7011)
	CAUSE	The interger number entered for the logical device was not a valid number.
	ACTION	Reenter the command and make sure the integer used for the logical device is a valid number.
7012	MESSAGE	EXPECTED INTEGER SPECIFYING LDEV. (CIERR 7012)
	CAUSE	The value specified for the logical device was not an integer.
	ACTION	Reenter the command and make sure the value specified for the logical device is an integer.

7013	MESSAGE	INVALID JOB TYPE, EXPECT 1 OR 2. (CIERR 7013)
	CAUSE	An invalid value for the job type was entered.
	ACTION	Reenter the command and make sure the value entered for the job type is a 1 or a 2.
7014	MESSAGE	PROCESS ABORTED BEFORE LOGGING ON. (CIERR 7014)
	CAUSE	The process was aborted before logging on.
7015	MESSAGE	SESSION LIMIT EXCEEDED, SESSION DIDN'T LOG ON. (CIERR 7015)
	CAUSE	The maximum number of sessions was exceeded.
	ACTION	Increase the maximum number of sessions allowed by using the :LIMIT command (to use this command you must have SM capability). Or, get someone else to log off so that the maximum number of sessions is not exceeded.
7016	MESSAGE	INPRI BELOW JOBFENCE, SESSION DIDN'T LOG ON. (CIERR 7016)
	CAUSE	The input priority is set below the job fence.
7017	MESSAGE	UNABLE TO OBTAIN PCB ENTRY. (CIERR 7017)
7018	MESSAGE	UNABLE TO OBTAIN STACK. (CIERR 7018)
7019	MESSAGE	UNABLE TO OBTAIN JIT DST. (CIERR 7019)

7020	MESSAGE	UNABLE TO OBTAIN JDT DST. (CIERR 7020)
7021	MESSAGE	UNABLE TO OBTAIN FILE DST. (CIERR 7021)
7022	MESSAGE	UNABLE TO OBTAIN JOB PROCESS COUNT ENTRY. (CIERR 7022)
7023	MESSAGE	UNABLE TO OBTAIN ENTRY FOR OUTPUT DEVICE. (CIERR 7023)
7024	MESSAGE	UNABLE TO OBTAIN ENTRY FOR INPUT DEVICE. (CIERR 7024)
7025	MESSAGE	ERROR OCCURRED BEFORE SESSION LOGGED ON. (CIERR 7025)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, contact your system manager or support representative.
7026	MESSAGE	UNABLE TO OPEN $STDIN. (CIERR 7026)
7027	MESSAGE	UNABLE TO OPEN $STDLIST. (CIERR 7027)
	CAUSE	There could be too many spool files, or the $STDLIST device may not be spooled.
	ACTION	PURGE all extraneous spool files, or enter :STARTSPOOL.
7028	MESSAGE	INVALID PASSWORD. (CIERR 7028)
	CAUSE	An invalid password was specified.
	ACTION	Use a valid password.

7029	MESSAGE	ACCOUNT OUT OF CPU TIME. (CIERR 7029)
	CAUSE	You have consumed all the CPU time allotted to your account; evidently, you have been running applications that are CPU intensive.
	ACTION	Contact your system manager.
7030	MESSAGE	ACCOUNT OUT OF CONNECT TIME. (CIERR 7030)
	CAUSE	You have consumed all the connect time allotted to your account; evidently, you have been logging on for long periods of time.
	ACTION	Contact your system manager.
7031	MESSAGE	MUST HAVE BA CAPABILITY. (CIERR 7031)
	CAUSE	This capability is required for batch access (BA).
	ACTION	Contact your account manager or system manager.
7032	MESSAGE	MUST HAVE IA CAPABILITY. (CIERR 7032)
	CAUSE	This capability is required for interactive access (IA).
	ACTION	Contact your account manager or system manager.
7033	MESSAGE	GROUP OUT OF CPU TIME. (CIERR 7033)
	CAUSE	You have consumed all the CPU time allotted to your current group; evidently, you have been running applications that are CPU intensive.
	ACTION	Contact your account manager.

7034	MESSAGE	GROUP OUT OF CONNECT TIME. (CIERR 7034)
	CAUSE	You have consumed all the connect time allotted to your current group; evidently, you have been logging on for long periods of time.
	ACTION	Contact your account manager.
7035	MESSAGE	MUST TERMINATE LOGON STRING WITH "CR" . (CIERR 7035)
	CAUSE	The logon string was not terminated with a carriage return.
	ACTION	Reenter the logon string and terminate with a carriage return.
7036	MESSAGE	INVALID LDEV, TYPE MUST BE 16 AND SUBTYPE MUST BE 0 OR 4 (CIERR 7036)
7037	MESSAGE	UNEXPECTED CREATE SESSION STATUS. (CIERR 7037)
7038	MESSAGE	CAN'T SWITCH TO CREATE SESSION. (CIERR 7038)
7039	MESSAGE	INTERNAL PROGRAMMATIC SESSION ERROR (CIERR 7039)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, contact your system manager or support representative.
7040	MESSAGE	UNABLE TO OPEN $STDERR. (CIERR 7040)
7042	MESSAGE	UNABLE TO OBTAIN "SYSTEM ALLOW MASK". (CIERR 7042)
7100	MESSAGE	UNABLE TO DEALLOCATE ACD SPACE. (CIERR 7100)

7101	MESSAGE	ACD VERSION DOES NOT MATCH THE CURRENT VERSION (CIERR 7101)
7102	MESSAGE	ACD WAS CORRUPTED PRIOR TO BEING DELETED. (CIERR 7102)
7103	MESSAGE	OPERATION FAILED ON SOME DEVICES SPECIFIED. (CIERR 7103)
7104	MESSAGE	MISSING CLOSE PARENTHESES ")" IN ACD INDIRECT FILE. (CIERR 7104)
7105	MESSAGE	EXTRA CLOSE PARENTHESES ")" ENCOUNTERED IN ACD INDIRECT FILE. (CIERR 7105)
221	MESSAGE	WILDCARDS NOT ALLOWED IN FILENAME HERE. (CIERR 7221)
7223	MESSAGE	LOCKWORD NOT ALLOWED IN GENERIC FILE SETS. (CIERR 7223)
7224	MESSAGE	LOCKWORDS NOT ALLOWED. (CIERR 7224)
7225	MESSAGE	INVALID CHARACTER IN DEVICE CLASS NAME. (CIERR 7225)
7227	MESSAGE	NUMBER SPECIFIED IS GREATER THAN 32767. (CIERR 7227)
7228	MESSAGE	WILDCARD CHARACTERS, OTHER THAN "@" BY ITSELF, NOT ALLOWED IN DEVICE CLASS NAME. (CIERR 7228)
7229	MESSAGE	"_" CHARACTER NOT ALLOWED IN DEVICE CLASS NAME. (CIERR 7229)

7230	MESSAGE	SINGLE QUOTE "'" CHARACTER NOT ALLOWED IN DEVICE CLASS NAME. (CIERR 7230)
7231	MESSAGE	FULLY QUALIFIED NAME NOT ALLOWED HERE. (CIERR 7231)
7250	MESSAGE	INVALID USER SPECIFICATION. (CIERR 7250)
7251	MESSAGE	DUPLICATE ACCESS MODE SPECIFIED. (CIERR 7251)
7252	MESSAGE	DUPLICATE PERMISSION SPECIFIED. (CIERR 7252)
7253	MESSAGE	CONTRADICTORY ACCESS MODES SPECIFIED. (CIERR 7253)
7254	MESSAGE	INVALID ACCESS MODE SPECIFIED. (CIERR 7254)
7255	MESSAGE	MISSING OPEN PARENTHESIS "(". (CIERR 7255)
7256	MESSAGE	MISSING CLOSE PARENTHESIS ")". (CIERR 7256)
7257	MESSAGE	MISSING COLON ":". (CIERR 7257)
7258	MESSAGE	UNEXPECTED INPUT ENCOUNTERED AFTER ACD SPECIFICATION. (CIERR 7258)
7259	MESSAGE	INVALID ACCOUNT NAME SPECIFIED. (CIERR 7259)

7260	MESSAGE	EMBEDDED "@" CHARACTER NOT ALLOWED IN USER SPECIFICATION. (CIERR 7260)
7261	MESSAGE	USER NAME MUST BE "@" IF ACCOUNT NAME IS SPECIFIED AS "@". (CIERR 7261)
7262	MESSAGE	"#" CHARACTER NOT ALLOWED IN USER SPECIFICATION. (CIERR 7262)
7263	MESSAGE	"?" CHARACTER NOT ALLOWED IN USER SPECIFICATION. (CIERR 7263)
7264	MESSAGE	MISSING ACCESS MODE IN ACD SPECIFICATION. (CIERR 7264)
7265	MESSAGE	USER SPECIFICATION MUST BE FULLY QUALIFIED. (CIERR 7265)
7266	MESSAGE	INVALID USER NAME SPECIFIED. (CIERR 7266)
7267	MESSAGE	MISSING USER SPECIFICATION. (CIERR 7267)
7268	MESSAGE	DUPLICATE USER SPECIFICATION ENCOUNTERED IN LIST. (CIERR 7268)
7269	MESSAGE	INVALID FILE NUMBER OR LDEV NUMBER. (CIERR 7269)
7270	MESSAGE	INVALID TARGET KEYWORD SPECIFIED. (CIERR 7270)
7271	MESSAGE	INVALID SOURCE KEYWORD SPECIFIED. (CIERR 7271)

7272	MESSAGE	INVALID LDEV NUMBER SPECIFIED. (CIERR 7272)
7273	MESSAGE	INVALID TARGET LDEV NUMBER SPECIFIED. (CIERR 7273)
7274	MESSAGE	INVALID SOURCE LDEV NUMBER SPECIFIED. (CIERR 7274)
7275	MESSAGE	INVALID DEVICE CLASS NAME SPECIFIED. (CIERR 7275)
7300	MESSAGE	ACD ENTRY DOES NOT EXIST. (CIERR 7300)
7301	MESSAGE	THERE IS NO ACD ASSOCIATED WITH THE SOURCE FILE. (CIERR 7301)
7302	MESSAGE	THE ACD ASSOCIATED WITH THE SOURCE FILE IS CORRUPTED. (CIERR 7301)
7303	MESSAGE	THERE IS ALREADY AN ACD ASSOCIATED WITH THE TARGET FILE. (CIERR 7303)
7304	MESSAGE	THE ACD ASSOCIATED WITH THE TARGET FILE IS CORRUPTED. (CIERR 7304)
7305	MESSAGE	THERE IS NO ACD ASSOCIATED WITH THE TARGET FILE. (CIERR 7305)
7306	MESSAGE	THERE IS NO ACD ASSOCIATED WITH THE SOURCE LDEV. (CIERR 7306)
7307	MESSAGE	THE ACD ASSOCIATED WITH THE SOURCE LDEV IS CORRUPTED. (CIERR 7307)

7308	MESSAGE	THERE IS ALREADY AN ACD ASSOCIATED WITH THE TARGET LDEV. (CIERR 7308)
7309	MESSAGE	THE ACD ASSOCIATED WITH THE TARGET LDEV IS CORRUPTED. (CIERR 7309)
7310	MESSAGE	THERE IS NO ACD ASSOCIATED WITH THE TARGET LDEV. (CIERR 7310)
7311	MESSAGE	ERROR OPENING ACD INDIRECT FILE. (CIERR 7311)
7312	MESSAGE	INVALID ACD INDIRECT FILE CODE. FILE CODE MUST BE 0. (CIERR 7312)
7313	MESSAGE	INVALID ACD INDIRECT FILE RECORD SIZE. MUST BE <= 88 BYTES. (CIERR 7313)
7314	MESSAGE	ACD INDIRECT FILE MUST BE ASCII. (CIERR 7314)
7315	MESSAGE	INVALID ACD INDIRECT FILE RECORD FORMAT. MUST BE FIXED. (CIERR 7315)
7316	MESSAGE	MAXIMUM NUMBER OF ACD ENTRIES (40) WOULD BE EXCEEDED. (CIERR 7316)
7317	MESSAGE	ATTEMPTING TO MODIFY MORE ENTRIES THAN CURRENTLY EXIST IN ACD. (CIERR 7317)
7318	MESSAGE	ENTRY ALREADY EXISTS IN ACD. (CIERR 7318)
7319	MESSAGE	INCOMPATIBLE TARGET AND SOURCE FOR COPYING ACD. (CIERR 7319)

7320	MESSAGE	SOURCE AND TARGET FOR COPYING ACD ARE THE SAME. (CIERR 7320)
7321	MESSAGE	USER DOES NOT HAVE SUFFICIENT CAPABILITIES TO MANIPULATE ACD. (CIERR 7321)
7322	MESSAGE	OPERATION FAILED ON ALL DEVICES SPECIFIED. (CIERR 7322)
7323	MESSAGE	USER NOT ALLOWED TO READ THE ACD. (CIERR 7323)
7324	MESSAGE	USER NOT ALLOWED TO COPY THE SOURCE ACD. (CIERR 7324)
7325	MESSAGE	ERROR OPENING TARGET FILE. (CIERR 7325)
7326	MESSAGE	ERROR OPENING SOURCE FILE. (CIERR 7326)
7400	MESSAGE	ACD INTERNAL ERROR. (CIERR 7400)
7401	MESSAGE	ERROR ENCOUNTERED WITHIN ACD INDIRECT FILE. (CIERR 7401)
7402	MESSAGE	ERROR OCCURRED IN ACD PAIR NUMBER !. (CIERR 7402)
7403	MESSAGE	ACD INTERNAL STATUS ! - SUBSYSTEM NUMBER !. (CIERR 7403)

8000	MESSAGE	INTERNAL CCB STACK OVERFLOW LIMIT HIT (CIERR 8000)
	CAUSE	The internal command control block (CCB) stack exceeded the overflow limit.
	ACTION	Contact your system manager or support representative.
8001	MESSAGE	INTERNAL CCB STACK UNDERFLOW (CIERR 8001)
	CAUSE	An underflow condition occurred in the internal command control block (CCB) stack.
	ACTION	Contact your system manager or support representative.
8002	MESSAGE	NO USER COMMAND NESTING (CIERR 8002)
8003	MESSAGE	NO USER COMMAND NESTING TO PERFORM EXIT (CIERR 8003)
	CAUSE	Interrupt error occurred.
	ACTION	Report this error to your system manager.
8004	MESSAGE	JOB TABLE CORRUPTED, CANNOT INITIALIZE CCB TABLE. (CIERR 8004)
	CAUSE	Unknown.
	ACTION	Contact your system manager or support representative.
8005	MESSAGE	NO CCB FOR PROCESS, CAN NOT ACCESS VALUES. (CIERR 8005)
	CAUSE	Either an internal error occurrred, or the command step was requested for a dying or non-existent process.

8006	MESSAGE	CANNOT CREATE CCB TABLES AT LOGON INITIALIZATION. (CIERR 8006)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, contact your system manager or support representative.
8007	MESSAGE	CANNOT CREATE CCB TABLE FOR PROGRAMMATIC COMMANDS. (CIERR 8007)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, contact your system manager or support representative.
8008	MESSAGE	CAN NOT CLEANUP CCB STACK ENTRIES. (CIWARN 8008)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, contact your system manager or support representative.
8009	MESSAGE	CAN NOT INITIATE CIDEPTH VARIABLE. (CIERR 8009)
	CAUSE	The PROCINFO intrinsic returned an error which prevented the HPCIDEPTH variable from being initialized. This can happen when the CI is first created, or when the first programmatic command is entered from a subsystem.
	ACTION	Report this error to your system manager.
8100	MESSAGE	QUOTES AROUND THE VARIABLE NAME DO NOT MATCH. (CIWARN 8100)
	CAUSE	An opening quote must be paired with a closing quote of the same kind.
	ACTION	Add a matching closing quote to the quoted part of the command line.

8101	MESSAGE	VARIABLE NAME NOT FOUND IN VARIABLE TABLE. (CIWARN 8101)
	CAUSE	This variable has not been added to the variable table, and an attempt is being made to access the variable.
	ACTION	Define the variable using the SETVAR, INPUT, or SETJCW command, and then, reenter the command.
8102	MESSAGE	VARIABLE NAME EXCEEDS 255 CHARACTERS. (CIWARN 8102)
	CAUSE	Variable names can be from 1 through 255 characters long; evidently, you specified a variable name that is longer that 255 characters.
	ACTION	Make sure there are no delimiters missing in the command line you supplied. Then, reenter the command and supply a variable name that is not longer than 255 characters.
8103	MESSAGE	INVALID CHARACTER IN VARIABLE NAME. (CIWARN 8103)
	CAUSE	Variable names must begin with an alpha character or an underbar ('_'). All other characters can be alphanumeric or the underbar ('_') character.
	ACTION	Start all variable names with an alphabetic character. Make sure variable names contain only alphanumeric characters and the underbar character ('_').

8104	MESSAGE	VARIABLE NAME MUST START WITH ALPHABETIC CHARACTER OR "_". (CIWARN 8104)
	CAUSE	Variable names must begin with an alpha character or an underbar ('_'). All other characters can be alphanumeric or the underbar ('_') character.
	ACTION	Start all variable names with an alphabetic character. If the characters are not a variable name, preceed the characters with two exclamation points in order to escape dereferencing.
8105	MESSAGE	EXPANDED COMMAND LINE EXCEEDS 279 CHARACTERS. (CIERR 8105)
	CAUSE	After all dereferencing of variables was done, the size of the command line increased so that the number of characters is greater than 279. This is not allowed.
	ACTION	Reduce size of command line.
8106	MESSAGE	VARIABLE NOT FOUND IN VARIABLE TABLE. (CIERR 8106)
	CAUSE	The variable has not been set as expected. The variable name was mistyped. The user did not expect dereferencing to be attempted on the variable.
	ACTION	Set the variable using the SETVAR, INPUT, or SETJCW command. To escape dereferencing, preceed the variable name with two exclamation points.
8107	MESSAGE	COULD NOT READ FROM SYMBOL TABLE - INTERNAL ERROR. (CIERR 8107)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, contact your system manager or support representative.

8108	MESSAGE	COULD NOT DELETE VIA SYMBOL TABLE - INTERNAL ERROR. (CIERR 8108)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, contact your system manager or support representative.
8109	MESSAGE	VALUE STRING MUST BE LESS THAN 256 CHARACTERS. (CIERR 8109)
	CAUSE	A string value is limited to 255 characters.
	ACTION	Reduce size of value string to 255 characters or less.
8110	MESSAGE	INVALID VARIABLE NAME. (CIERR 8110)
	CAUSE	Variable names must begin with an alphabetic character or underbar ('_'), and all other characters must be alphanumeric or the underbar ('_') character. Variable names cannot exceed 255 characters.
	ACTION	Make sure variable names adhere to the variable name definition.
8111	MESSAGE	VARIABLE NAME EXCEEDS 255 CHARACTERS. (CIERR 8111)
	CAUSE	Variable names cannot exceed a length of 255 characters.
	ACTION	Make sure variable names adhere to the variable name definition.
8112	MESSAGE	INTEGER OVERFLOW. (CIERR 8112)
	CAUSE	An attempt was made to set an integer variable to a value greater than 2,147,483,647.
	ACTION	Make sure the integer variables contain a value in the range of -2,147,483,648 to 2,147,483,647.

8113	MESSAGE	INTEGER UNDERFLOW. (CIERR 8113)
	CAUSE	An attempt was made to set an integer variable to a value less than -2,147,483,647.
	ACTION	Make sure the integer variables contain a value in the range of -2,147,483,648 to 2,147,483,647.
8114	MESSAGE	UNEXPECTED NIL POINTER ENCOUNTERED. (CIERR 8114)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, contact your system manager or support representative.
8115	MESSAGE	ASSIGNMENT TO VARIABLE NOT ALLOWED: READONLY. (CIERR 8115)
	CAUSE	An attempt was made to perform a SETVAR on an HP predifined variable that is read only.
	ACTION	Do not attempt to set a value on an HP predefined read only variable.
8116	MESSAGE	NO MATCH FOUND FOR THIS VARIABLE SET. (CIWARN 8116)
	CAUSE	A wildcard was used in a variable command. This message is a warning that no matches were found.
	ACTION	Make sure that wildcarding is not too restrictive for the set of variables that are being searched for.
8117	MESSAGE	PERMANENT VARIABLE: NO DELETION DONE. (CIERR 8117)
	CAUSE	An attempt was made to delete an HP predefined variable.
	ACTION	Do not attempt to delete these variables.

8118	MESSAGE	ERROR IN EVALUATION OF EXPRESSION. (CIERR 8118)
	CAUSE	An expression within square brackets can not be evaluated.
	ACTION	Check the expression and make sure it is valid.
8119	MESSAGE	ERROR. COULD NOT LOCK SYMBOL TABLE . (CIERR 8119)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, contact your system manager or support representative.
8120	MESSAGE	ERROR. COULD NOT UNLOCK SYMBOL TABLE. (CIERR 8120)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, contact your system manager or support representative.
8121	MESSAGE	COMMAND NUMBER OUT OF RANGE. NO SUBSTITUTION DONE. (CIWARN 8121)
	CAUSE	Dereferencing the command number from the redo stack failed. The command number was out of range for the redo history stack.
	ACTION	Perform a LISTREDO command to view the history stack. Use a command number in the range of the history stack.
8122	MESSAGE	SYMBOL TABLE FULL: ADDITION FAILED. TO CONTINUE, DELETE SOME VARIABLES, OR START A NEW SESSION. (CIERR 8122)
	CAUSE	The table that contains the variable names is full.
	ACTION	Delete some variables or start a new session to clear the table. Call your support representative.

8123	MESSAGE	NO VARIABLES IN THIS SET ARE DELETABLE. (CIWARN 8123)
	CAUSE	An attempt was made to use DELETEVAR against a set of HP predefined variables that cannot be deleted.
	ACTION	Make sure that wildcard set is not too restrictive for what you are trying to delete.
8124	MESSAGE	NO DELETABLE VARIABLES FOUND FOR THIS SET. (CIWARN 8124)
	CAUSE	An attempt was made to use DELETEVAR against a set of HP predefined variables that cannot be deleted.
	ACTION	Make sure that wildcard set is not too restrictive for what you are trying to delete.
8125	MESSAGE	A VARIABLE NAME CANNOT BE A VALID JCW VALUE. (CIERR 8125)
	CAUSE	An attempt was made to set, modify, or delete a reserved word jcw with variable commands. Reserved words include: OK, FATAL, WARN, and SYSTEM.
	ACTION	Use jcw commands rather than variable commands; for example SETJCW instead of SETVAR.
8126	MESSAGE	JCW VARIABLE RECLASSIFIED AS A STANDARD VARIABLE. (CIWARN 8126)
	CAUSE	A variable of type jcw was modified to a string value, a boolean value, or an integer value outside the range of 0 to 65,535. The variable has lost its jcw status.
	ACTION	Use SETJCW to reset the jcw to a value in the range of 0 to 65,535.

8127	MESSAGE	STANDARD VARIABLE RECLASSIFIED AS A JCW VARIABLE. (CIWARN 8127)
	CAUSE	The SETJCW command was used on an existing variable that was not a jcw variable. The variable is now a jcw type variable.
	ACTION	If an integer type variable is desired, use SETVAR. Otherwise, leave as jcw type which can contain an integer between 0 to 65,535.
8128	MESSAGE	THIS JCW WAS NOT FOUND IN THE VARIABLE TABLE. (CIERR 8128)
	CAUSE	The jcw does not exist.
	ACTION	Use the SHOWJCW command without any parameters to view all variables of the 'jcw' type.
8129	MESSAGE	THE EXPANDED STRING VALUE EXCEEDS THE MAXIMUM LENGTH OF 255 CHARACTERS; NO ASSIGNMENT DONE. (CIERR 8129)
	CAUSE	The calling variable intrinsic to obtain string value of variable and array passed was smaller than value. String value was truncated.
	ACTION	Supply a larger array to return the string value. Maximum size of a string variable is 255 characters.
8130	MESSAGE	THE MAXIMUM RECURSION LEVEL HAS BEEN EXCEEDED. (CIWARN 8130)
	CAUSE	Variables can be recursively dereferenced up to 30 levels.
	ACTION	Limit the recursive dereferencing to less than 31.

8131	MESSAGE	THIS COMMAND REQUIRES AT LEAST ONE PARAMETER. (CIERR 8131)
	CAUSE	A required parameter was not supplied.
	ACTION	Make sure that the required parameter is supplied.
8132	MESSAGE	DUPLICATE KEYWORD IGNORED. (CIWARN 8132)
	CAUSE	A duplicate keyword was supplied to an intrinsic. The intrinsic failed.
	ACTION	Remove the duplicate keyword from the intrinsic call.
8133	MESSAGE	UNRECOGNIZED KEYWORD VALUE. (CIERR 8133)
	CAUSE	A bad keyword value was supplied to an intrinsic. The intrinsic failed.
	ACTION	Correct the keyword value on the intrinsic call.
8134	MESSAGE	A VALUE WAS EXPECTED FOR THE VARIABLE. (CIWARN 8134)
	CAUSE	A length parameter was passed to an intrinsic call but the buffer to put the value in was not passed.
	ACTION	Supply the buffer keyword and a buffer to the intrinsic call.
8135	MESSAGE	EXPECTED AN INTEGER IN THE RANGE 0..65535. (CIERR 8135)
	CAUSE	An attempt was made to assign a string or an integer outside the range of 0 to 65,535 to a system jcw.
	ACTION	Do not attempt to reclassify a jcw. They may contain integer values in the range of 0 to 65,535.

8136	MESSAGE	THE VALUE FOR THE VARIABLE IS MISSING. CIERR 8136)
	CAUSE	An attempt was made to assign a string or an integer outside the range of 0 to 65,535 to a system jcw.
	ACTION	Do not attempt to reclassify a jcw. They may contain integer values in the range of 0 to 65,535.
8137	MESSAGE	EXPECTED AN INTEGER FOR THE VALUE. (CIERR 8137)
	CAUSE	An attempt was made to set an HP predefined integer variable to something other than an integer value.
	ACTION	Review the variable in the *MPE/iX Commands Reference Manual* (32650-90003). Make sure that the type of the variable value is an integer.
8138	MESSAGE	EXPECTED A BOOLEAN FOR THE VALUE. (CIERR 8138)
	CAUSE	An attempt was made to set an HP predefined boolean variable to something other than an boolean value.
	ACTION	Review the variable in the *MPE/iX Commands Reference Manual, (32650-90003).* Only TRUE or FALSE values may be specified for the variable value.
8139	MESSAGE	EXPECTED A STRING FOR THE VALUE. (CIERR 8139)
	CAUSE	An attempt was made to set an HP predefined string variable to something other than an string value.
	ACTION	Review the variable in the *MPE/iX Commands Reference Manual, (32650-90003).* Use quotes around the value to specify that the value is a string.

8140	MESSAGE	STRING LENGTH IS REQUIRED. (CIERR 8140)
	CAUSE	A call was made to HPCIPUTVAR for a string variable specifying the string value keyword but not the string length keyword.
	ACTION	Specify the string length keyword and key value pair when assigning a string value to a variable through the HPCIPUTVAR intrinsic.
8141	MESSAGE	BOUNDS VIOLATION FOR PARAMETER ONE (1). (CIERR 8141)
	CAUSE	Not enough room to return the value for the parameter. Parameter size too small.
	ACTION	Check the parameter size and type against the intrinsic definition. Make sure the parameter is large enough to contain the value being returned.
8142	MESSAGE	BOUNDS VIOLATION FOR PARAMETER TWO (2). (CIERR 8142)
	CAUSE	Not enough room to return the value for the parameter. Parameter size too small.
	ACTION	Check the parameter size and type against the intrinsic definition. Make sure the parameter is large enough to contain the value being returned.
8143	MESSAGE	BOUNDS VIOLATION FOR PARAMETER THREE (3). (CIERR 8143)
	CAUSE	Not enough room to return the value for the parameter. Parameter size too small.
	ACTION	Check the parameter size and type against the intrinsic definition. Make sure the parameter is large enough to contain the value being returned.

8144	MESSAGE	BOUNDS VIOLATION FOR PARAMETER FOUR (4). (CIERR 8144)
	CAUSE	Not enough room to return the value for the parameter. Parameter size too small.
	ACTION	Check the parameter size and type against the intrinsic definition. Make sure the parameter is large enough to contain the value being returned.
8145	MESSAGE	BOUNDS VIOLATION FOR PARAMETER FIVE (5). (CIERR 8145)
	CAUSE	Not enough room to return the value for the parameter. Parameter size too small.
	ACTION	Check the parameter size and type against the intrinsic definition. Make sure the parameter is large enough to contain the value being returned.
8146	MESSAGE	BOUNDS VIOLATION FOR PARAMETER SIX (6). (CIERR 8146)
	CAUSE	Not enough room to return the value for the parameter. Parameter size too small.
	ACTION	Check the parameter size and type against the intrinsic definition. Make sure the parameter is large enough to contain the value being returned.
8147	MESSAGE	BOUNDS VIOLATION FOR PARAMETER SEVEN (7). (CIERR 8147)
	CAUSE	Not enough room to return the value for the parameter. Parameter size too small.
	ACTION	Check the parameter size and type against the intrinsic definition. Make sure the parameter is large enough to contain the value being returned.

8148	MESSAGE	BOUNDS VIOLATION FOR PARAMETER EIGHT (8). (CIERR 8148)
	CAUSE	Not enough room to return the value for the parameter. Parameter size too small.
	ACTION	Check the parameter size and type against the intrinsic definition. Make sure the parameter is large enough to contain the value being returned.
8149	MESSAGE	BOUNDS VIOLATION FOR PARAMETER NINE (9). (CIERR 8149)
	CAUSE	Not enough room to return the value for the parameter. Parameter size too small.
	ACTION	Check the parameter size and type against the intrinsic definition. Make sure the parameter is large enough to contain the value being returned.
8150	MESSAGE	BOUNDS VIOLATION FOR PARAMETER TEN (10). (CIERR 8150)
	CAUSE	Not enough room to return the value for the parameter. Parameter size too small.
	ACTION	Check the parameter size and type against the intrinsic definition. Make sure the parameter is large enough to contain the value being returned.
8151	MESSAGE	BOUNDS VIOLATION FOR PARAMETER ELEVEN (11). (CIERR 8151)
	CAUSE	Not enough room to return the value for the parameter. Parameter size too small.
	ACTION	Check the parameter size and type against the intrinsic definition. Make sure the parameter is large enough to contain the value being returned.

8152	MESSAGE	BOUNDS VIOLATION FOR PARAMETER TWELVE (12). (CIERR 8152)
	CAUSE	Not enough room to return the value for the parameter. Parameter size too small.
	ACTION	Check the parameter size and type against the intrinsic definition. Make sure the parameter is large enough to contain the value being returned.
8153	MESSAGE	BOUNDS VIOLATION FOR PARAMETER THIRTEEN (13). (CIERR 8153)
	CAUSE	Not enough room to return the value for the parameter. Parameter size too small.
	ACTION	Check the parameter size and type against the intrinsic definition. Make sure the parameter is large enough to contain the value being returned.
8154	MESSAGE	BOUNDS VIOLATION FOR PARAMETER FOURTEEN (14). (CIERR 8154)
	CAUSE	Not enough room to return the value for the parameter. Parameter size too small.
	ACTION	Check the parameter size and type against the intrinsic definition. Make sure the parameter is large enough to contain the value being returned.
8155	MESSAGE	THE VARIABLE VALUE IS OUT OF RANGE. (CIERR 8155)
	CAUSE	An attempt was made to set an HP predefined integer variable to a value smaller than the minimum or larger than the maximum range.
	ACTION	Review the variable in the *MPE/iX Commands Reference Manual, (32650-90003)*. Set the variable to an integer value within the minimum and maximum range.

8156	MESSAGE	THE VARIABLE NAME EXCEEDS 255 CHARACTERS. (CIERR 8156)
	CAUSE	An attempt was made to use a variable name that was too long. A variable name must be less than 256 characters.
	ACTION	Reduce the size of the variable name.
8159	MESSAGE	ACTIVE FUNCTION FAILED. (CIERR 8159)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, contact your system manager or support representative.
8160	MESSAGE	ONLY ONE VALUE CAN BE SPECIFIED FOR A VARIABLE. (CIERR 8160)
	CAUSE	An attempt was made to call the HPCIPUTVAR intrinsic with more than one value parameter.
	ACTION	Make sure that only one keyword/keyvalue is supplied to specify the variable value.
8161	MESSAGE	VARIABLE TYPE CONFLICTS WITH KEYWORD/KEYVALUE PAIR. (CIWARN 8161)
	CAUSE	An attempt was made to call the HPCIPUTVAR intrinsic with more than one value parameter.
	ACTION	Make sure that you supply only one keyword/keyvalue pair to specify a variable value.

8163	MESSAGE	A PREDEFINED VARIABLE CANNOT BE RECLASSIFIED AS A JCW. USE THE SETVAR COMMAND TO CHANGE THIS VARIABLE. (CIERR 8163)
	CAUSE	An attempt was made to use the SETJCW command on a predefined variable.
	ACTION	Use SETVAR to modify the variable.
8164	MESSAGE	INVALID NUMERIC INDEX INTO THE REDO STACK. (CIWARN 8164)
	CAUSE	Dereferencing the command number from the redo stack failed. The command number was out of range for the redo history stack.
	ACTION	Perform a LISTREDO command to view the history stack. Use a command number in the history stack range.
8165	MESSAGE	BOUNDS VIOLATION FOR PARAMETER FIFTEEN (15). (CIERR 8165)
	CAUSE	Not enough room to return the value for the parameter. Parameter size too small.
	ACTION	Check the parameter size and type against the intrinsic definition. Make sure the parameter is large enough to contain the value being returned.
8166	MESSAGE	BOUNDS VIOLATION FOR PARAMETER SIXTEEN (16). (CIERR 8166)
	CAUSE	Not enough room to return the value for the parameter. Parameter size too small.
	ACTION	Check the parameter size and type against the intrinsic definition. Make sure the parameter is large enough to contain the value being returned.

8167	MESSAGE	UNIDENTIFIABLE VARIABLE NAME SET. (CIWARN 8167)
	CAUSE	An attempt was made to specify a wildcarded set of variables where the wildcarding was not a valid pattern.
	ACTION	Review the SHOWVAR command in the *MPE/iX Commands Reference Manual, (32650-90003)* for valid wildcarding patterns.
8168	MESSAGE	! IS NOT PROGRAMMATICALLY AVAILABLE. (CIWARN 8168)
	CAUSE	An attempt was made to access a function variable that accesses the command control block (CCB).
	ACTION	Do not attempt to access these variables programmatically. They are only meaningful from the command interpreter (CI). Refer to the *MPE/iX Commands Reference Manual, (32650-90003)* for a list of variables.
8169	MESSAGE	! IS NOT PROGRAMMATICALLY AVAILABLE. (CIERR 8169)
	CAUSE	An attempt was made to access a function variable that accesses the command control block (CCB).
	ACTION	Do not attempt to access these variables programmatically. They are only meaningful from the command interpreter (CI). Refer to the *MPE/iX Commands Reference Manual, (32650-90003)* for a list of variables.
8170	MESSAGE	VARIABLE IS NOT DELETABLE. (CIWARN 8170)
	CAUSE	An attempt was made to delete an HP predefined variable.
	ACTION	Do not attempt to delete these variables.

8171	MESSAGE	SYSTEM OUT OF RESOURCES. VAR TBL NOT BUILT. (CIERR 8171)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, contact your system manager or support representative.
8172	MESSAGE	VARIABLE IN USE, CANNOT BE ALTERED AT THIS TIME. (CIERR 8172)
	CAUSE	The variable is being accessed by some other process.
	ACTION	Reexecute the command.
8173	MESSAGE	CLOSING SQUARE BRACKET MISSING, INVALID VARIABLE SET. (CIERR 8173)
	CAUSE	An opening square bracket was not paired with a closing square bracket.
	ACTION	Add a closing square bracket to the bracketed part of the command line.
8174	MESSAGE	UNABLE TO SET HPTYPEAHEAD. (CIWARN 8174)
	CAUSE	An attempt was made to setvar HPTYPEAHEAD from a job or from redirected input.
	ACTION	Do not attempt to use typeahead from within a job or from redirected input when it is not the terminal.
9000	MESSAGE	END OF FILE ENCOUNTERED. (CIERR 9000)
	CAUSE	During a second-level CI interaction, an EOF was hit on an FREAD to $STDIN.
	ACTION	Enter ":" or ":EOD" at the prompt.

9001	MESSAGE	THE INPUT VARIABLE NAME EXCEEDS THE MAXIMUM LENGTH ALLOWED. (CIWARN 9001)
	CAUSE	The input variable exceeded 255 characters.
	ACTION	Make sure there is a delimiter after the variable name. Make sure the variable name was typed correctly.
9002	MESSAGE	THE EDIT CAUSES THE COMMAND LINE TO EXCEED MAXIMUM LENGTH ALLOWED. (CIWARN 9002)
	CAUSE	The REDO edit caused the command line to exceed the maximum length of 279 characters.
	ACTION	Limit the command line entry to less than 279 characters.
9003	MESSAGE	THE INPUT TIMED READ HAS EXPIRED. (CIWARN 9003)
	CAUSE	The timeout interval set on the input command has expired.
	ACTION	No action is required, unless you did not want the input command to time out.
9004	MESSAGE	PRINT OUTPUT HAS BEEN TRUNCATED TO 270 CHARACTERS. (CIWARN 9004)
	CAUSE	The printed output line exceeded the maximum line length of 270 characters. This line length equals the record size of the file being printed.
9005	MESSAGE	UNEXPECTED END OF FILE ENCOUNTERED. (CIERR 9005)
	CAUSE	An unexpected end of file condition occurred.
	ACTION	Examine the file using a text editor to ensure that the whole file is there. Then reenter the command.

9006	MESSAGE	EXPECTED A "YES" OR "NO" RESPONSE. (CIERR 9006)
	CAUSE	The response entered was not yes or no.
	ACTION	Respond with either yes or no.
9007	MESSAGE	INVALID MESSAGE LEVEL - EXPECTED 0, 1, 2. (CIWARN 9007)
	CAUSE	The message level specified was not 0, 1, or 2.
	ACTION	Reenter the command and make sure the message level specified is 0, 1, or 2.
9008	MESSAGE	INVALID WAIT VALUE - EXPECTED A NUMBER IN THE RANGE OF 0 THROUGH 32767. NO WAIT IMPOSED. (CIWARN 9008)
	CAUSE	You supplied a wait value for the :INPUT command that is not within the specified range.
	ACTION	Reenter the command and specify a wait value that is within the range.
9009	MESSAGE	THE REDO STACK CANNOT BE CREATED, REDO IS DISABLED. (CIWARN 9009)
	CAUSE	Insufficient heap stack to create the redo stack.
	ACTION	Check to see if your application is consuming lots of heap space.
9010	MESSAGE	PSEUDO END OF FILE FOR UDCS AND COMMAND FILES. (CIERR 9010)
9011	MESSAGE	! SUBSYSTEM INTERNAL ERROR: ! PLEASE CONTACT H.P. (CIERR 9011)
	CAUSE	Internal error occurred due to a :RESTDUMP or :SETDUMP command.
	ACTION	Contact your system manager or support representative.

9012	MESSAGE	THE TIMED TERMINAL READ HAS EXPIRED. (CIERR 9012)
	CAUSE	The input interval as set in the HPCITIMEOUT variable expired.
	ACTION	No action is required. You may want to set HPTIMEOUT to 0 (meaning no timeout), or to a larger number.
9013	MESSAGE	THE CI ENVIRONMENT CANNOT BE CREATED. (CIERR 9013)
	CAUSE	Internal error.
	ACTION	Reenter the command. If it fails consistently, contact your system manager or support representative.
9014	MESSAGE	PREVIOUS REDO STACK SPACE CANNOT BE RELEASED. (CIWARN 9014)
	CAUSE	Same as message content.
	ACTION	No action is required.
9015	MESSAGE	PROGRAMMATIC CCB CANNOT BE CREATED. (CIERR 9015)
	CAUSE	Internal error.
9016	MESSAGE	NIL CCB POINTER - INTERNAL ERROR. (CIERR 9016)
	CAUSE	Internal error.
	ACTION	Reenter the command. If it fails consistently, contact your system manager or support representative.

9020	MESSAGE	THE HPPATH VARIABLE CONTAINS AN INVALID CHARACTER. (CIERR 9020)
	CAUSE	The path specified in the HPPATH variable refers to group and account names to be searched when a program or command file is not found within the current group and account. The same group and account naming conventions and restrictions are imposed on these names.
	ACTION	Reassign the HPPATH variable and supply it with valid group and account names. Then, reenter the command.
9022	MESSAGE	GENMSG FAILURE. (CIERR 9022)
	CAUSE	Internal error (may be a missing message from the catalog).
9024	MESSAGE	Root (/) cannot be purged. (CIERR 9024)
	CAUSE	User specified / as the target directory to purge.
	ACTION	Root cannot be purged because it will always be accessed. To try to delete all files/directories below root you can specify "/@/". To try to delete all files/directories below your CWD you can specify "./@/"
9025	MESSAGE	Groups and accounts cannot be purged by PURGEDIR. (CIERR 9025)
	CAUSE	User specified an MPE account or an MPE group. These objects cannot be purged by the PURGEDIR command.
	ACTION	Only HFS directories can be purged. Use PURGEACCT and PURGEGROUP to purge MPE directories, use PURGE to delete files. Use LISTFILE,2 to determine object type.

9027	MESSAGE	A component of the pathname "!" is not a directory. (CIERR 9027)
	CAUSE	One or more of the components of the pathname is not a directory object - it is probably a filename.
	ACTION	Use LISTFILE to verify your pathname.
9030	MESSAGE	NUMBER OF PAUSE SECONDS IS OUT OF RANGE. (CIERR 9030)
	CAUSE	Evidently, you supplied the PAUSE command with a negative value.
	ACTION	Reenter the command and supply a positive integer.
9031	MESSAGE	THE PAUSE INTRINSIC FAILED WITH AN INTERNAL ERROR. (CIERR 9031)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, contact your system manager or support representative.
9032	MESSAGE	PAUSE TIME EXCEEDS HPTIMEOUT. HPTIMEOUT VALUE USED. (CIWARN 9032)
	CAUSE	You executed the PAUSE command and supplied it a value that is larger than the value specified in HPTIMEOUT variable. HPTIMEOUT requires a value in minutes whereas PAUSE uses seconds.
	ACTION	No action is required.
9035	MESSAGE	THE DEBUG COMMAND FAILED. (CIERR 9035)
	CAUSE	The HPDEBUG intrinsic failed.
	ACTION	Reenter the command. If it fails consistently, contact your system manager or support representative.
9036	MESSAGE	THE ESCAPE COMMAND FAILED SETTING HPCIERR. (CIERR9036)

9037	MESSAGE	THE ESCAPE COMMAND FAILED SETTING CIERROR. (CIERR 9037)
9038	MESSAGE	A directory name cannot reference a file equation. (CIERR 9038)
	CAUSE	User tried to back-reference a file equation using the MPE syntax.
	ACTION	File equations are not permitted. Remove the back-reference specification.
9039	MESSAGE	Non-existent directory. (CIERR 9039)
	CAUSE	One or more directory name components does not exist.
	ACTION	Use LISTFILE to find the correct directory pathname. Note: the missing directory name may be on a user volume that is either not mounted or not the HOMEVS volume of an MPE group.
9041	MESSAGE	NOTREE option overrides directory name ending in "/". (CIWARN 9041)
	CAUSE	The ;NOTREE option was specified and the HFS-named directory ends in a "/" (implying mulit-level). Multi-level is ignored.
	ACTION	Either remove the trailing "/" in the directory name, or remove the NOTREE option.
9042	MESSAGE	No PURGEDIR was done. (CIERR 9042)
	CAUSE	User replied "NO" to the prompt asking if is was OK to purge the directory.
	ACTION	Respond "YES" or "ALL" to this prompt, or use the ;YES option to acknowledge the purge and suppress the prompt.

9043	MESSAGE	No match found for the pathname. (CIWARN 9043)
	CAUSE	A wildcarded dirname was specified, but no directories match the pattern.
	ACTION	Use LISTFILE and/or choose a different wildcard pattern.
9044	MESSAGE	Trailing slash at end of filename was ignored. (CIWARN 9044)
	CAUSE	A syntax error was detected in the pathname.
	ACTION	Re-enter a legal pathname.
9049	MESSAGE	MUST HAVE SM CAPABILITY TO SPECIFY A PARM LESS THAN 0. PARM = 0 USED. (CIWARN 9049)
	CAUSE	System Manager (SM) capability is required to specify a parameter value less than zero (0) when running the CI without the PARM=value option.
	ACTION	None. The CI was executed with a PARM=0.
9051	MESSAGE	PH CAPABILITY IS REQUIRED FOR PROGRAM EXECUTION. (CIERR 9051)
	CAUSE	Evidently, you do not have PH capability which is required to execute a program from inside another program.
	ACTION	If you are not at the root CI, use the EXIT command to return to it. Then, reenter the command. If this problem persists, consult with your account manager or system manager about acquiring PH capability.

9052	MESSAGE	CREATEPROCESS FAILED ON IMPLIED RUN COMMAND. (CIERR 9052)
	CAUSE	The CREATEPROCESS intrinsic failed.
	ACTION	Reenter the command. If it fails consistently, contact your system manager or support representative.
9054	MESSAGE	THE COMMAND FILE CANNOT BE CLOSED. (CIERR 9054)
	CAUSE	The CREATEPROCESS intrinsic failed.
	ACTION	Reenter the command. If it fails consistently, contact your system manager or support representative.
9055	MESSAGE	A component of the pathname is not a directory. (CIWARN 9055)
	CAUSE	One or more of the components of the pathname is not a directory object - it is probably a filename.
	ACTION	Use LISTFILE to verify your pathname.
9056	MESSAGE	ILLEGAL FILE CODE FOR COMMAND FILE, EXPECTED 0 THROUGH 1023. (CIERR 9056)
	CAUSE	The file code for the command file was not within the valid range of 0 through 1023.
	ACTION	Recreate the command file with a valid file code (the default file code is 0.
9057	MESSAGE	IMPLIED RUN COMMAND FAILED DUE TO PARSER ERROR. (CIERR 9057)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, contact your system manager or support representative.

9060	MESSAGE	FPARSE ERROR - THE FILENAME CANNOT BE PARSED. (CIERR 9060)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, contact your system manager or support representative.
9063	MESSAGE	THIS COMMAND CAN ONLY BE EXECUTED FROM THE ROOT CI. (CIERR 9063)
	CAUSE	An attempt was made to execute a command from a command interpreter (CI) level other than level one.
	ACTION	Use the EXIT command to return to the root CI. Then, reenter the command.
9064	MESSAGE	THIS COMMAND CAN ONLY BE EXECUTED INTERACTIVELY. (CIERR 9064)
	CAUSE	An attempt was made to execute a command from a job, and the command can only be executed interactively.
	ACTION	Do not attempt to execute the command from a job.

9065	MESSAGE	COMMAND NOT ALLOWED FROM USER COMMAND IN BREAK. (CIERR 9065)
	CAUSE	While in break mode, you entered a user command (either a UDC or a command file) that contains a command which cannot be executed in break mode. Since this command is within a user command, you cannot be prompted to abort the broken process. Several commands cannot be issued after the break key is pressed. Refer to the *MPE/iX Commands Reference Manual, (32650-90003)* for a list of these commands. See also CIERR 986.
	ACTION	You may enter the ABORT the user command to terminate the break mode, and reenter the command. However, you will not be able to continue the activities from the point the break key was pressed.
9066	MESSAGE	COMMAND NOT ALLOWED PROGRAMMATICALLY IN BREAK. (CIERR 9066)
	CAUSE	While in break mode (from a process), you executed a command that cannot be executed programmatically from break mode. For example, you may have been using the editor, then pressed [BREAK] to run debug.
	ACTION	ABORT the process to terminate the break mode, and reenter the command. However, you will not be able to continue the activities from the point the break key was pressed.
9067	MESSAGE	THE CI CANNOT CONFIGURE BREAK : INFO = !, SUBSYS = ! (CIWARN 9067)
	CAUSE	The CONFIGURE_BREAK system call failed. This is part of the root CI initialization.
	ACTION	Submit an SR (service request) explaining the situation.

9070	MESSAGE	REDO, DO AND LISTREDO ARE DISABLED. (CIERR 9070)
	CAUSE	These commands have been disabled because the redo stack size was set to 0. This was done with the command SETVAR HPREDOSIZE 0.
	ACTION	Use the SETVAR command to reset the redo stack size to a larger, positive number.
9071	MESSAGE	POSSIBLE INFINITE LOOP IN REDO STACK. (CIERR 9071)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, contact your system manager or support representative.
9072	MESSAGE	THERE ARE NO COMMANDS AVAILABLE TO REDO. (CIERR 9072)
	CAUSE	The REDO or DO command was issued and the redo stack is empty.
	ACTION	Use the LISTREDO command to check the contents of the redo stack. Only use the REDO command when there are commands in the redo stack to execute.
9073	MESSAGE	INVALID NUMERIC INDEX INTO THE REDO STACK. (CIERR 9073)
	CAUSE	The DO or REDO command was entered with a numeric value not in the range of the redo stack.
	ACTION	Use the LISTREDO command to check the redo stack.

9074	MESSAGE	THE REDO STACK SIZE CANNOT BE ADJUSTED. (CIERR 9074)
	CAUSE	The p_getheap Pascal routine failed.
	ACTION	Reenter the command. If it fails consistently, contact your system manager or support representative, or use less heap space in your application.
9075	MESSAGE	THE COMMAND SEARCH STRING CANNOT BE FOUND IN THE REDO STACK. (CIERR 9075)
	CAUSE	The string pattern you supplied with either DO or REDO was not found in the command history stack.
	ACTION	Look for misspellings in the line you entered or use LISTREDO to get a listing of all commands available on the command history stack. Then, reenter the command.
9076	MESSAGE	THE REDO SUBSTITUTION EDIT IS MISSING A DELIMITER. (CIERR 9076)
	CAUSE	The CHANGE (C) command used with REDO is missing the terminating delimeter.
	ACTION	Consult with online Help facility or the *MPE/iX Commands Reference Manual, (32650-90003)* for information on REDO's edit string. Then, reenter the command.
9077	MESSAGE	AN INVALID REDO STACK RANGE WAS SPECIFIED. (CIERR 9077)
	CAUSE	The LISTREDO command was entered with a numeric value not in the range of the redo stack.
	ACTION	Reenter the LISTREDO command with a valid range, or with no range. Entering no range will cause the system to use the default value of ALL commands in the redo stack.

9078	MESSAGE	COMMAND FILES CANNOT HAVE VARIABLE RECORD FORMATS. (CIERR 9078)
	CAUSE	The command file you tried to execute does not have fixed length records.
	ACTION	Recreate the command file using a fixed length record format. You may build a file that has fixed length records and FCOPY the original command file into it. Do not use the COPY command.
9079	MESSAGE	THE LISTREDO COMMAND FAILED. (CIERR 9079)
	CAUSE	A file system error occurred and this message is necessary to insure that CIERROR is set.
	ACTION	Reenter the command. If it fails consistently, contact your system manager or support representative.
9080	MESSAGE	THE PRINT COMMAND FAILED. (CIERR 9080)
	CAUSE	A file system error occurred and this message is necessary to insure that CIERROR JCW is set to an error in set 2 of the catalog.
	ACTION	Reenter the command. If it fails consistently, contact your system manager or support representative.
9083	MESSAGE	AN INVALID STARTING RECORD NUMBER WAS SPECIFIED. (CIERR 9083)
	CAUSE	The record number you supplied to start printing at is either zero or larger than the length of the file.
	ACTION	Reenter the command and supply a starting record number that is not larger than the maximum number of records in the file. Consult with online Help facility and the *MPE/iX Commands Reference Manual, (32650-90003)* for information on the PRINT command.

9084	MESSAGE	AN INVALID ENDING RECORD NUMBER WAS SPECIFIED. (CIERR 9084)
	CAUSE	Evidently, you specified zero as the record number to stop printing at.
	ACTION	Reenter the command and supply a record number that is not zero. Consult with online Help facility and the *MPE/iX Commands Reference Manual, (32650-90003)* for information on the PRINT command.
9085	MESSAGE	THE PAGE PARAMETER MUST BE NON-NEGATIVE. (CIERR 9085)
	CAUSE	A negative value was entered for the PAGE parameter.
	ACTION	Reenter the command using a positive value for the PAGE parameter of the PRINT command. Consult with online Help facility and the *MPE/iX Commands Reference Manual, (32650-90003)* for information on the PRINT command.
9086	MESSAGE	THE COMMAND NAME EXCEEDS 36 CHARACTERS. (CIERR 9086)
	CAUSE	An MPE/iX command or file name exceeded the allowable number of characters. UDC and built-in command names cannot exceed 16 characters. File names cannot exceed 36 characters.
	ACTION	Look for a missing delimiter between the command and its parameters. Then reenter the command.

9087	MESSAGE	THE COMMAND "!" EXCEEDS 36 CHARACTERS. (CIERR 9087)
	CAUSE	The command qualified by the HPPATH variable exceeded 36 characters. The qualified command is inserted in the error message.
	ACTION	Look for a missing delimiter between the command and its parameters. Then, reenter the command.
9090	MESSAGE	THE FIRST CHARACTER IN THE COMMAND NAME MUST BE ALPHABETIC. (CIERR 9090)
	CAUSE	The first character in the user command is not alphabetic. User commands cannot begin with non-alphabetic characters.
	ACTION	Retype your command using a valid name.
9091	MESSAGE	THE COMMAND NAME IS MISSING. (CIERR 9091)
	CAUSE	This message is usually caused by the COMMAND or HPICOMMAND intrinsic (nothing was provided in the "cmdrange" buffer.
	ACTION	Supply a command in the "cmdrange" buffer.
9095	MESSAGE	THE COMMAND FILE IS EMPTY. (CIERR 9095)
	CAUSE	The file you tried to execute as a command file does not contain any commands.
	ACTION	Reenter the command and supply a command file that is not empty.

9096	MESSAGE	THE CI CANNOT WRITE TO OUTPUT FILE. (CIERR 9096)
	CAUSE	An FWRITE to $STDLIST failed. It's possible that the file to which data is redirected is full.
	ACTION	If CI output is redirected to a file, make that file larger, and make sure that write access is legal.
9098	MESSAGE	NAME DOES NOT FIT INTO A LOCAL VARIABLE - INTERNAL ERROR. (CIERR 9098)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, contact your system manager or support representative.
9103	MESSAGE	THIS COMMAND IS NO LONGER SUPPORTED IN MPE/iX. (CIERR 9103)
	CAUSE	The command entered is no longer supported in the MPE/iX system.
	ACTION	Consult the *MPE/iX Commands Reference Manual, (32650-90003)* for a complete list of available commands.
9110	MESSAGE	THE HPRESULT VARIABLE COULD NOT BE MODIFIED. (CIERR 9110)
	CAUSE	The CALC command could not modify the HPRESULT variable value due to variable management error already displayed. Typically, the variable value exceeds 255 characters.
	ACTION	Reenter the command. The HPRESULT variable value must be legitimate (less than 255 characters).

9111	MESSAGE	THE INPUT VARIABLE COULD NOT BE ADDED/MODIFIED. (CIERR 9111)
	CAUSE	The INPUT command could not modify the HPRESULT variable value due to variable management error already displayed. Typically, the variable value exceeds 255 characters.
	ACTION	Reenter the command. The HPRESULT variable value must be legitimate (less than 255 characters).
9113	MESSAGE	NO COPY WAS DONE. (CIERR 9113)
	CAUSE	You did not confirm the purging of the destination file before copying.
	ACTION	Reenter the command and supply either a different destination file name or confirm the deletion of the destination file.
9115	MESSAGE	FILE BLOCK SIZE CANNOT EXCEED 32767 BYTES. (CIERR 9115)
	CAUSE	The file block size specified exceeds the maximum size of 32,767 bytes.
	ACTION	Reenter the command and specify a block size less than 32,767.
9116	MESSAGE	ONLY LOCAL, PERMANENT, NON-SPOOLED DISK FILES MAY BE COPIED. (CIERR 9116)
	CAUSE	Evidently, the file you are trying to copy does not meet the restrictions mentioned above.
	ACTION	Check for misspelling in the file name. Reenter the command and supply a file name that meets the above restrictions.

9118	MESSAGE	TARGET FILE COULD NOT BE PURGED. (CIERR 9118)
	CAUSE	The target file in the COPY command is protected and cannot be purged.
	ACTION	Contact the creator of the file or your account manager.
9120	MESSAGE	SYSTEM FILE NAMES CANNOT BE USED IN THE COPY COMMAND. (CIERR 9120)
	CAUSE	The file name entered with the COPY command is reserved for system use.
	ACTION	Do not specify system-defined files ($ prefix) with the COPY command.
9121	MESSAGE	A FILE WHOSE FILE CODE IS ! CANNOT BE COPIED. (CIERR 9121)
	CAUSE	Evidently, you have specified a file that is of a special type and cannot be copied.
	ACTION	Use FCOPY to copy the file. If it also fails, consult with the online Help facility or the *MPE/iX Commands Reference Manual, (32650-90003)* for information on copying files of this type.
9122	MESSAGE	BREAK DETECTED DURING COPY, NO COPY WAS DONE. (CIERR 9122)
	CAUSE	You pressed the break key while the file was being copied.
	ACTION	No action is required, unless you did not mean to stop the copying.
9123	MESSAGE	KSAM FILES CANNOT BE COPIED VIA THE COPY COMMAND. (CIERR 9123)
	CAUSE	Due to the structure of KSAM files copy command cannot be used to duplicate them.
	ACTION	You can use FCOPY to accomplish this task. Refer to the online Help facility or the *FCOPY Reference Manual, (32212-90003)* .

9125	MESSAGE	COPY COMMAND CANNOT WRITE TO TARGET FILE. (CIERR 9125)
	CAUSE	A file system error occurred while attempting to write to the "TO =" file.
	ACTION	Contact your System Administer.
9126	MESSAGE	COPY COMMAND CANNOT READ SOURCE FILE. (CIERR 9126)
	CAUSE	The account security prevented the copy command from reading the source file you specified.
	ACTION	Ask the owner of the file to release the file so you can copy it. Consult with your account manager or system manager if you do not know who owns the file.
9127	MESSAGE	COPY COMMAND CANNOT CLOSE SOURCE FILE. (CIERR 9127)
	CAUSE	Unexpected file system error.
	ACTION	Submit an SR.
9128	MESSAGE	COPY COMMAND CANNOT CLOSE TARGET FILE. (CIERR 9128)
	CAUSE	You do not have either Save Files (SF) capability on the logon user, or write access (W) to the file.
	ACTION	Check the file access attributes and the capabilities assigned to your logon user. Consult with your account manager or system manager if you do not have the appropriate capabilities to fix the problem.

9129	MESSAGE	USER SPECIFIED AN INVALID TARGET FILE NAME. (CIERR 9129)
	CAUSE	When you attempted to copy the contents of one file to another file (the target file), you specified a target file name containing invalid characters (for example: COPY ABC, ABC_DEF.
	ACTION	Reenter the command and specify a valid target file name.
9135	MESSAGE	COPY COMMAND CANNOT OPEN THE SOURCE FILE. (CIERR 9135)
	CAUSE	The file you specified may not exist in the group and account. Another possible cause is that you do not have READ access to the file, or you used an invalid file name.
	ACTION	Verify whether the file exists in another group.account or its fully qualified name was entered incorrectly. Reenter the command.
9136	MESSAGE	COPY COMMAND CANNOT OPEN THE TARGET FILE. (CIERR 9136)
	CAUSE	Unexpected file system error.
9137	MESSAGE	USER SPECIFIED AN INVALID SOURCE FILE NAME. (CIERR 9137)
9144	MESSAGE	THE TARGET FILE IS BACKREFERENCED, BUT NO FILE EQUATION EXISTS. (CIERR 9144)
	CAUSE	You may have forgotten to create a file equation that defines the file designator you are now using as a backreferenced file during the COPY process. For example, you may have entered COPY A,*B but forgotten to create a file equation that defines B (*B is the backreferenced file).
	ACTION	Create a file equation for the backreferenced file.

9146	MESSAGE	THE COPY COMMAND DOES NOT SUPPORT EXCLUSIVE ACCESS. (CIERR 9146)
9147	MESSAGE	THE COPY COMMAND FAILED DUE TO AN INTERNAL ERROR. (CIERR 9147)
	CAUSE	A variety of factors may cause this error.
	ACTION	Reenter the command. Be that all names are spelled correctly, that the source file and group exist and that the target group exists. If it fails consistently, consult with your system manager or support representative.
9150	MESSAGE	PARAMETER FOR TUNE COMMAND IS OUT OF RANGE. BASE AND LIMIT MUST BE WITHIN 0 THROUGH 255, AND MIN AND MAX QUANTUM MUST BE WITHIN 1 THROUGH 32767. (CIERR 9150)
	CAUSE	One of the values you supplied to the second parameter of TUNE is outside the allowable ranges. Another possible cause is that the base PRI is less than the predefined values for the specified queue.
	ACTION	Re-enter the command and supply the parameter with a legal value. Use the :SHOWQ;STATUS command to see the existing values for the queue. (for example, CQ, DQ, and EQ cannot have a base PRI which is less than 150).
9151	MESSAGE	The source file cannot be a directory. (CIERR 9151)
	CAUSE	The from filename specified with FCOPY is a directory.
	ACTION	Use FCOPY with files only.

9152	MESSAGE	The target file cannot be a directory. (CIERR 9152)
	CAUSE	The to filename specified with FCOPY is a directory.
	ACTION	Use FCOPY with files only.
9155	MESSAGE	INVALID PROCESS STACK DEPTH; EXPECTED A VALUE 0 - 16. (CIERR 9155)
	CAUSE	You specified a stack depth that is outside the legal values of the ERRDUMP command.
	ACTION	Reenter the command and supply a value that is between -1 and 16 inclusive. Refer to the online Help facility or the *MPE/iX Commands Reference Manual, (32650-90003).*
9156	MESSAGE	INVALID SYSTEM STACK DEPTH; EXPECTED A VALUE 0 - 127. (CIERR 9156)
	CAUSE	You specified a system stack depth that is outside the legal values of the ERRDUMP;SYS command.
	ACTION	Reenter the command and supply a value that is between -1 and 127 inclusive. Refer to the online Help facility or the *MPE/iX Commands Reference Manual, (32650-90003).*
9201	MESSAGE	ULABEL PARAMETER OVERIDES PREVIOUS ULABEL PARAMETER. (CIWARN 9201)
9202	MESSAGE	ULABEL DEFAULTING TO 0. (CIWARN 9202)
9203	MESSAGE	ULABEL MUST BE BETWEEN 0 AND 254. (CIERR 9203)

9204	MESSAGE	EXTRANEOUS PARAMETER TO THE ULABEL KEYWORD. (CIERR 9204)
9205	MESSAGE	FIRSTREC PARAMETER OVERIDES PREVIOUS FIRSTREC PARAMETER. & (CIWARN 9205)
9206	MESSAGE	FIRSTREC PARAMETER DEFAULTING TO 0. (CIWARN 9206)
9207	MESSAGE	FIRSTREC MUST BE 0 OR 1. (CIERR 9207)
9208	MESSAGE	EXTRANEOUS PARAMETER TO FIRSTREC KEYWORD. (CIERR 9208)
9209	MESSAGE	KEY KEYWORD IS REQUIRED WHEN KSAMXL IS SPECIFIED. (CIERR 9209)
9210	MESSAGE	KSAMXL KEYWORD IS REQUIRED WHEN KEY, REUSE, NOREUSE, FIRSTREC,& OR LANG ARE SPECIFIED. (CIERR 9210)
9211	MESSAGE	KSAMXL PARAMETERS OVERRIDE FORMS PARAMETERS. (CIERR 9211)
9212	MESSAGE	FORMS PARAMETERS OVERRIDE KSAMXL PARAMETERS. (CIWARN 9212)
9213	MESSAGE	REUSE AND NOREUSE HAVE BEEN SPECIFIED TOGETHER. LAST OCCURANCE& USED. (CIWARN 9213)
9214	MESSAGE	LANG PARAMETER OVERIDES PREVIOUS LANG PARAMETER. (CIWARN 9214)
9215	MESSAGE	LANG PARAMETER DEFAULTING TO 0. (CIWARN 9215)

9216	MESSAGE	INVALID VALUE FOR LANG PARAMETER. (CIERR 9216)
9217	MESSAGE	EXTRANEOUS PARAMETER TO LANG KEYWORD. (CIERR 9217)
9218	MESSAGE	INVALID LANG ID. LANG IS BAD OR NOT CONFIGURED. (CIERR 9218)
9219	MESSAGE	KEY PARAMETER OVERIDES PREVIOUS KEY PARAMETER. (CIWARN 9219)
9220	MESSAGE	EXPECTED "(" OR "^" TO BEGIN KEY PARAMETER LIST. (CIERR 9220)
9221	MESSAGE	KEYTYPE NOT SPECIFIED. ACCEPTABLE KEYTYPES ARE B,I,R,E,N,P,*.& (CIERR 9221)
9222	MESSAGE	INVALID KEYTYPE. ACCEPTABLE KEYTYPES ARE B,I,R,E,N,P,*.& (CIERR 9222)
9223	MESSAGE	KEYLOCATION NOT SPECIFIED OR MISSING. (CIERR 9223)
9224	MESSAGE	KEYLOCATION INVALID. MUST BE NUMERIC. (CIERR 9224)
9225	MESSAGE	KEYSIZE NOT SPECIFIED OR MISSING. (CIERR 9225)
9226	MESSAGE	KEYSIZE INVALID. MUST BE NUMERIC. (CIERR 9226)
9227	MESSAGE	EXPECTED DUP OR RDUP PARAMETERS. (CIERR 9227)

9228	MESSAGE	EXPECTED ";" OR ")" TO END KEY. (CIERR 9228)
9229	MESSAGE	KEYLOCATION HAS ALREADY BEEN SPECIFIED. (CIERR 9229)
9230	MESSAGE	KSAM ALLOWS MAXIMUM OF 16 KEYS ONLY. (CIERR 9230)
9240	MESSAGE	EXTRANEOUS PARAMETER TO KEY KEYWORD. (CIERR 9240)
9241	MESSAGE	SPECIFICATION OF STD OVERRIDES PREVIOUS KSAMXL. (CIWARN 9241)
9242	MESSAGE	SPECIFICATION OF RIO OVERRIDES PREVIOUS KSAMXL. (CIWARN 9242)
9243	MESSAGE	SPECIFICATION OF MSG OVERRIDES PREVIOUS KSAMXL. (CIWARN 9243)
9244	MESSAGE	SPECIFICATION OF CIR OVERRIDES PREVIOUS KSAMXL. (CIWARN 9244)
9245	MESSAGE	SPECIFICATION OF SPOOL OVERRIDES PREVIOUS KSAMXL. (CIWARN 9245)
9246	MESSAGE	SPECIFICATION OF KSAMXL OVERRIDES PREVIOUS STD. (CIWARN 9246)
9247	MESSAGE	SPECIFICATION OF KSAMXL OVERRIDES PREVIOUS RIO. (CIWARN 9247)
9248	MESSAGE	SPECIFICATION OF KSAMXL OVERRIDES PREVIOUS MSG. (CIWARN 9248)

9249	MESSAGE	SPECIFICATION OF KSAMXL OVERRIDES PREVIOUS CIR. (CIWARN 9249)
9250	MESSAGE	SPECIFICATION OF KSAMXL OVERRIDES PREVIOUS SPOOL. (CIWARN 9250)
9251	MESSAGE	SPECIFICATION OF STD OVERRIDES PREVIOIUS SPOOL. (CIWARN 9251)
9252	MESSAGE	SPECIFICATION OF RIO OVERRIDES PREVIOUS SPOOL. (CIWARN 9252)
9253	MESSAGE	SPECIFICATION OF MSG OVERRIDES PREVIOUS SPOOL. (CIWARN 9253)
9254	MESSAGE	SPECIFICATION OF CIR OVERRIDES PREVIOUS SPOOL. (CIWARN 9254)
9255	MESSAGE	SPECIFICATION OF SPOOL OVERRIDES PREVIOUS STD. (CIWARN 9255)
9256	MESSAGE	SPECIFICATION OF SPOOL OVERRIDES PREVIOUS RIO. (CIWARN 9256)
9257	MESSAGE	SPECIFICATION OF SPOOL OVERRIDES PREVIOUS MSG. (CIWARN 9257)
9258	MESSAGE	SPECIFICATION OF SPOOL OVERRIDES PREVIOUS CIR. (CIWARN 9258)
9259	MESSAGE	KEYSIZE MUST BE BETWEEN 1 AND 255 FOR THIS KEY TYPE. (CIERR 9259)
9260	MESSAGE	KEYSIZE MUST BE BETWEEN 1 AND 28 FOR THIS KEY TYPE. (CIERR 9260)

9261	MESSAGE	KEYSIZE MUST BE BETWEEN 1 AND 14 FOR THIS KEY TYPE. (CIERR 9261)
9262	MESSAGE	KEYSIZE MUST BE BETWEEN 2 AND 14 FOR THIS KEY TYPE. (CIERR 9262)
9263	MESSAGE	VALID KEYSIZE'S ARE 4, 8, AND 16 FOR THIS KEY TYPE. (CIERR 9263)
9264	MESSAGE	SPSAVE REDUNDANTLY SPECIFIED. (CIWARN 9264)
9270	MESSAGE	FORMID TOO LONG. MAXIMUM IS 8 CHARACTERS. (CIERR 9270)
9271	MESSAGE	FORMID CONTAINS AN ILLEGAL CHARACTER. (CIERR 9271)
9272	MESSAGE	FORMID MUST BE SPECIFIED. (CIERR 9272)
9273	MESSAGE	SPSAVE AND PRIVATE MAY NOT BE SPECIFIED TOGETHER. (CIERR 9273)
9300	MESSAGE	ERROR IN KEY INDIRECT FILE. (CIERR 9300)
9301	MESSAGE	ERROR IN KEY NUMBER !. (CIERR 9301)
9302	MESSAGE	INVALID INDIRECT FILENAME. (CIERR 9302)
9303	MESSAGE	ERROR IN OPENING KEY INDIRECT FILE. (CIERR 9303)
9304	MESSAGE	ERROR ATTEMPTING TO OBTAIN INFO ABOUT INDIRECT FILE. (CIERR 9304)

9305	MESSAGE	FILECODE NON-ZERO FOR KEY INDIRECT FILE. (CIERR 9305)
9306	MESSAGE	KEY INDIRECT FILE NOT ASCII. (CIERR 9306)
9307	MESSAGE	KEY INDIRECT FILE NOT FIXED RECORD SIZE. (CIERR 9307)
9308	MESSAGE	KEY INDIRECT FILE RECORD SIZE IS TOO LONG. MUST BE 88 BYTES OR & LESS. (CIERR 9308)
9309	MESSAGE	ERROR ATTEMPTING TO CLOSE KEY INDIRECT FILE. (CIERR 9309)
9310	MESSAGE	ERROR ATTEMPTING TO READ FROM KEY INDIRECT FILE. (CIERR 9310)
9311	MESSAGE	CONSTRUCTED KEY RECORD TOO LONG. (CIERR 9311)
9321	MESSAGE	KEYTYPE NOT SPECIFIED. ACCEPTABLE KEYTYPES ARE B,I,R,E,N,P,*. & (CIERR 9321)
9322	MESSAGE	INVALID KEYTYPE. ACCEPTABLE KEYTYPES ARE B,I,R,E,N,P,*. & (CIERR 9322)
9323	MESSAGE	KEYLOCATION NOT SPECIFIED OR MISSING. (CIERR 9323)
9324	MESSAGE	KEYLOCATION INVALID. MUST BE NUMERIC. (CIERR 9324)
9325	MESSAGE	KEYSIZE NOT SPECIFIED OR MISSING. (CIERR 9325)

9326	MESSAGE	KEYSIZE INVALID. MUST BE NUMERIC. (CIERR 9326)
9327	MESSAGE	EXPECTED DUP OR RDUP PARAMETERS. (CIERR 9327)
9328	MESSAGE	EXPECTED ";" OR ")" TO END KEY. (CIERR 9328)
9329	MESSAGE	KEYLOCATION HAS ALREADY BEEN SPECIFIED. (CIERR 9329)
9330	MESSAGE	KSAM ALLOWS MAXIMUM OF 16 KEYS ONLY. (CIERR 9330)
9425	MESSAGE	COULDN'T OPEN OUTPUT REDIRECTION FILE, COMMAND FAILED. (CIERR 9425)
	CAUSE	An error was detected during the process of redirecting the output to a file.
	ACTION	Check the redirection specifications to be certain that the file name is correct or that the redirection was intentional and not a coding error. If the error was in the file system, this message would have been preceded by a file system error message. Check the console for another message and refer to its cause and action text for more details.
9427	MESSAGE	COULDN'T OPEN INPUT REDIRECTION FILE, COMMAND FAILED. (CIERR 9427)
	CAUSE	An error was detected during the process of redirecting the input.
	ACTION	Verify that the input file exists and that the correct file name is specified in the command coding. If the error was in the file system, this message would have been preceded by a file system error message. Check the console for another message and refer to its cause and action text for more details.

9429	MESSAGE	REDIRECTION INTERNAL ERROR, COULDN'T REDIRECT BACK. (CIERR 9429)
	CAUSE	An internal error occurred during the process of redirecting the output.
	ACTION	This error was caused by an internal processing error. Perform the process again. If the error was in the file system, this message would have been preceded by a file system error message. Check the console for another message and refer to its cause and action text for more details.
9431	MESSAGE	REDIRECTION INTERNAL ERROR, COULDN'T REOPEN $STDIN. (CIERR 9431)
	CAUSE	An internal error occurred during the process of redirecting the input.
	ACTION	This error was caused by an internal processing error. Perform the process again. If the error was in the file system, this message would have been preceded by a file system error message. Check the console for another message and refer to its cause and action text for more details.
9433	MESSAGE	REDIRECTION INTERNAL ERROR, COULDN'T REOPEN $STDLIST. (CIERR 9433)
	CAUSE	An internal error occurred during the process of redirecting the output.
	ACTION	This error was caused by an internal processing error. Perform the process again. If the error was in the file system, this message would have been preceded by a file system error message. Check the console for another message and refer to its cause and action text for more details.

9435	MESSAGE	UNABLE TO REDIRECT I/O, COMMAND FAILED. (CIERR 9435)
	CAUSE	An internal error occurred during redirection.
	ACTION	Check to see that the specified redirection file does not have exclusive access.
9437	MESSAGE	UNABLE TO CLOSE $STDIN/$STDLIST FOR REDIRECTION. (CIERR 9437)
	CAUSE	An internal error during the process of redirection.
	ACTION	This message would have been preceded by a file system error message. Check the console for another message and refer to its cause and action text for details.
9439	MESSAGE	CAN'T REDIRECT I/O TO A KSAM FILE, COMMAND FAILED. (CIERR 9439)
	CAUSE	The file specified for redirection is a KSAM file.
	ACTION	Change the redirection specification to a different file. KSAM files cannot be used as input or output files for redirection.
9441	MESSAGE	CAN'T REDIRECT OUTPUT TO $STDIN, COMMAND FAILED. (CIERR 9441)
	CAUSE	An attempt was made to redirect output to $STDIN.
	ACTION	Change the redirection file specification. $STDIN is the default input file. No output can be written to this file.
9443	MESSAGE	REDIRECTION INTERNAL ERROR, COULDN'T REDIRECT TO TERMINAL.& (CIERR 9443)

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9445	MESSAGE	END OF OUTPUT FILE REACHED. SOME OUTPUT MAY HAVE BEEN LOST. (CIERR 9445)
	CAUSE	$STDLIST has been redirected, the HPERRSTOLIST variable is TRUE (the default value) and an error occurred that could not be written to the list file due to an end of file condition.
	ACTION	Check to see if all expected data is contained in the output file. If not, increase the size of the output file and perform the process again. The HPERRSTOLIST variable can be set to FALSE so that any CI error messages will be reported to $STDERR (which is typically the terminal).
9600	MESSAGE	INTERNAL DIRECTORY ERROR. (CIERR 9600)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, consult with your system manager or support representative.
9603	MESSAGE	INTERNAL DIRECTORY I/O ERROR. (CIERR 9603)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, consult with your system manager or support representative.
9604	MESSAGE	INTERNAL CHGROUP ERROR. (CIERR 9604)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, consult with your system manager or support representative.

9640	MESSAGE	CHGROUP MAY BE DONE AT FIRST CI ONLY. (CIERR 9640)
	CAUSE	This command may only be issued at the first level (root) CI only. Evidently, you have executed the CI program after you logged on.
	ACTION	Type EXIT to return to the root CI. You may examine the HPCIDEPTH variable to determine whether you have reached the root CI. When HPCIDEPTH variable registers a value of 1, it indicates that you are at the root CI. You may now issue the CHGROUP command.
9702	MESSAGE	SQUARE BRACKETS EMPTY, EXPRESSION NOT SUBSTITUTED. (CIWARN 9702)
	CAUSE	You did not supply an expression in the square brackets (for example, ECHO ! [ ]).
	ACTION	Make sure that the square brackets [ ] contain an expression.
9704	MESSAGE	MISSING CLOSING QUOTE, EXPRESSION NOT SUBSTITUTED. (CIWARN 9704)
	CAUSE	A set of beginning and ending quotes are used to delimit a literal. Evidently, you did not supply a quote to indicate the end of the literal string within a substituted expression (for example, ECHO ! ["a" + "b].
	ACTION	Make sure all quotes are in pairs.
9706	MESSAGE	CLOSING SQUARE BRACKET NOT FOUND, EXPRESSION NOT SUBSTITUTED. (CIWARN 9706)
	CAUSE	Evidently, you did not supply a right bracket to match the left bracket (for example ECHO ! [expression).
	ACTION	Reenter the command and supply a right bracket.

9710	MESSAGE	NON-NUMERIC CHARACTER FOUND IN THE EXPRESSION. (CIERR 9710)
9720	MESSAGE	ATTEMPT TO DIVIDE BY ZERO IN THE EXPRESSION. (CIERR 9720)
	CAUSE	It is illegal to divide by zero. Evidently, the denominator of the expression you supplied evaluated to zero.
	ACTION	Examine each component of the expression and reenter the command.
9730	MESSAGE	ILLEGAL CHARACTER IN THE EXPRESSION. (CIERR 9730)
9735	MESSAGE	RESULT WOULD BE OUT OF INTEGER RANGE. (CIERR 9735)
	CAUSE	An integer value has a limited range. Evidently, the expression you supplied resulted a value that is outside that range (for example, :CALC 2^32).
	ACTION	Examine each component of the expression and reenter the command.
9740	MESSAGE	INTEGER OVERFLOW IN THE EXPRESSION (CIERR 9740)
	CAUSE	Evidently, the expression you supplied resulted a value that is caused an overflow (for example, :CALC 99 * 2^30).
9745	MESSAGE	BREAK HIT DURING INPUT FUNCTION, EXPRESSION EVALUATION TERMINATED. (CIERR 9745)
9750	MESSAGE	UNKNOWN OPERATOR FOUND IN THE EXPRESSION. (CIERR 9750)
9753	MESSAGE	THIS IS AN INVALID USE OF THIS OPERATOR. (CIERR 9753)

9755	MESSAGE	A STRING OPERATOR WAS EXPECTED BUT NONE WAS FOUND. (CIERR 9755)
	CAUSE	Evidently, you specified an operator that is not a string operator, or the operator is misspelled (for example :CALC 20 MODD 3).
	ACTION	Refer to the *MPE/iX Commands Reference Manual, (32650-90003)* for information on string operators. Then, reenter the command.
9757	MESSAGE	AN OPERATOR WAS EXPECTED, BUT NONE WAS FOUND. (CIERR 9757)
	CAUSE	The expression you supplied is missing an operator.
	ACTION	Reenter the command.
9760	MESSAGE	UNMATCHED LEFT PARENTHESIS IN THE EXPRESSION. (CIERR 9760)
	CAUSE	Evidently, you did not supply a right parenthesis to match the left parenthesis in the expression.
	ACTION	Reenter the command and supply a right parenthesis.
9770	MESSAGE	UNMATCHED RIGHT PARENTHESIS IN THE EXPRESSION. (CIERR 9770)
	CAUSE	Evidently, you did not supply a left parenthesis to match the right parenthesis in the expression.
	ACTION	Reenter the command and supply a left parenthesis.

9775	MESSAGE	ILLEGAL CHARACTER FOUND, HEXADECIMAL DIGIT EXPECTED. (CIERR 9775)
	CAUSE	Valid hexadecimal digits are 0 through 9, and letters A through F.
	ACTION	Reenter the command and supply a valid hexadecimal digit after the dollar sign ($).
9780	MESSAGE	ILLEGAL CHARACTER FOUND, OCTAL DIGIT EXPECTED. (CIERR 9780)
	CAUSE	Valid octal digits are 0 through 7.
	ACTION	Reenter the command and supply a valid octal digit after the percent sign (%).
9790	MESSAGE	ILLEGAL CHARACTER FOUND, DECIMAL DIGIT EXPECTED. (CIERR 9790)
	CAUSE	Valid decimal digits are 0 through 9.
	ACTION	Reenter the command and supply a valid decimal digit after the pound sign (#).
9795	MESSAGE	VARIABLE TYPES MAY NOT BE MIXED IN EXPRESSIONS. (CIERR 9795)
	CAUSE	You supplied an expression whose operands are not of the same type.
	ACTION	Use the TYPEOF function to verify the type of each component of the expression. Reenter the command.
9800	MESSAGE	NEGATIVE EXPONENT IS FOUND IN THE EXPRESSION. (CIERR 9800)
	CAUSE	Evidently, you entered a minus sign (-) between the exponentiation operator (^) and the operand you are evaluating.
	ACTION	Look for the exponentiation operator and verify whether there is a minus sign (-), or the expression supplied after it evaluates to a negative number.

9805	MESSAGE	VARIABLE NAME ENCOUNTERED, BUT VARIABLE IS NOT DEFINED. (CIERR 9805)
	CAUSE	In most cases, variable names must be defined before they are used in commands and expressions. Evidently, you are using a variable that is not defined.
	ACTION	Verify whether the variable exists, or its name was not entered correctly. Then reenter the command.
9810	MESSAGE	ILLEGAL CHARACTER FOUND, EXPECTED A NUMBER. (CIERR 9810)
	CAUSE	The expression to the right of an operator does not evaluate to a value. Evidently, you did not supply a number after an operator, a set of parenthesis, or a set of square brackets.
	ACTION	Examine the command line you typed and reenter it correctly.
9815	MESSAGE	ILLEGAL CHARACTER FOUND, EXPECTED A STRING. (CIERR 9815)
	CAUSE	The string processing functions expect either string literals or variables of string types as some of their parameters. Evidently, you used one of these functions, but did not supply the string literal or string variable where one was expected.
	ACTION	Examine the command line you typed and reenter it correctly.
9820	MESSAGE	INTEGER UNDERFLOW WOULD RESULT. (CIERR 9820)
	CAUSE	The expression you supplied evaluated to a number smaller than the smallest integer allowed on the system.
	ACTION	Examine the command line you typed and reenter it correctly.

9825	MESSAGE	MORE PARAMETERS SPECIFIED THAN ALLOWED FOR THIS FUNCTION. (CIERR 9825)
	CAUSE	Evidently, you supplied more parameters to a function than it expected.
	ACTION	Refer to the *MPE/iX Commands Reference Manual, (32650-90003)* for an explanation of the CI functions and their parameters. Then, reenter the command.
9830	MESSAGE	UNEXPECTED COMMA ENCOUNTERED. (CIERR 9830)
	CAUSE	Evidently, you entered a CI function and ended the parameter list with a comma.
	ACTION	Reenter the command and supply the function with the exact number of parameters. Refer to the *MPE/iX Commands Reference Manual, (32650-90003)* for information on CI functions.
9835	MESSAGE	UNEXPECTED BOOLEAN EXPRESSION ENCOUNTERED. (CIERR 9835)
9840	MESSAGE	THIS FUNCTION IS MISSING A PARAMETER. (CIERR 9840)
	CAUSE	Evidently, you did not supply the exact number of parameters expected by this CI function.
	ACTION	Reenter the command and supply the function with the exact number of parameters. Refer to the *MPE/iX Commands Reference Manual, (32650-90003)* for information on CI functions.

9850	MESSAGE	UNABLE TO SHIFT MORE THAN 31 BITS. (CIERR 9850)
	CAUSE	CI's bit shifting functions allow 31 bit shifts at a time. Evidently, you entered a number that is larger than 31, or the expression you supplied evaluates to a number bigger than 31.
	ACTION	Verify that the number of shifts you requested is between 0 and 31 inclusive. Then reenter the command.
9860	MESSAGE	THE NUMBER OF BITS TO SHIFT MUST BE POSITIVE. (CIERR 9860)
	CAUSE	Evidently, you entered a negative number, or the expression you supplied evaluates to a negative value.
	ACTION	Verify that the number of shifts you requested is a positive number. Then reenter the command.
9870	MESSAGE	A STRING OPERAND WAS FOUND IN A NUMERIC EXPRESSION. (CIERR 9870)
	CAUSE	Evidently, you entered a string literal or string variable in a numeric expression.
	ACTION	Reenter the command and supply all numeric values and variables.
9880	MESSAGE	A NUMERIC OPERAND WAS FOUND IN A STRING EXPRESSION. (CIERR 9880)
9890	MESSAGE	THE ASCII VALUE IS OUT OF RANGE. (CIERR 9890)
	CAUSE	Valid ASCII values range from 0 to 255. Evidently, you entered an ASCII code that is outside this range.
	ACTION	Reenter the command and supply a valid ASCII value.
9900	MESSAGE	THE FUNCTION IS NOT FOLLOWED BY PARENTHESES. (CIERR 9900)

9910	MESSAGE	THE LENGTH OF THE STRING IS OUT OF BOUNDS. (CIERR 9910)
	CAUSE	Evidently, you tried to assign too many characters to the string variable.
	ACTION	Refer to the *MPE/iX Commands Reference Manual, (32650-90003)* for information on strings. Then reenter the command.
9920	MESSAGE	THE RECURSION LEVEL OVERFLOWED. (CIERR 9920)
9930	MESSAGE	THE RECURSION LEVEL UNDERFLOWED. (CIERR 9930)
9940	MESSAGE	A NON-BOOLEAN EXPRESSION WAS FOUND. (CIERR 9940)
9950	MESSAGE	THE SIZE OF THE STRING TO BE RETURNED IS TOO SMALL. (CIERR 9950)
9960	MESSAGE	AN UNMATCHED QUOTE WAS ENCOUNTERED. (CIERR 9960)
	CAUSE	A set of beginning and ending quotes are used to delimit a literal. Evidently, you did not supply a quote to indicate the end of the literal string.
	ACTION	Reenter the command and supply a matching quote.
9970	MESSAGE	THE OUTPUT BASE (RADIX) IS INVALID. (CIERR 9970)
9975	MESSAGE	THIS OPERATOR MAY NOT FOLLOW A UNARY OPERATOR. (CIERR 9975)
	CAUSE	A "+" or "-" operator was followed by another operator that is not one of "-" or "+" operators.
	ACTION	Reenter the command.

9980	MESSAGE	UNKNOWN EVALUATION REQUEST. (CIERR 9980)
9982	MESSAGE	FILENAMES IN FINFO MUST BE BETWEEN 1 AND 28 CHARACTERS. (CIERR 9982)
9984	MESSAGE	AN ERROR OCCURRED WHILE ACCESSING THE FILE FOR FINFO. (CIERR 9984)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, consult with your system manager or support representative.
9986	MESSAGE	THE OPTION NUMBER SPECIFIED IS NOT VALID FOR FINFO. (CIERR 9986)
	CAUSE	You supplied an invalid option number to FINFO.
	ACTION	Refer to the *MPE/iX Commands Reference Manual, (32650-90003)* for information on FINFO options. Then, reenter the command and supply it an appropriate option number.
9988	MESSAGE	CANNOT OBTAIN THIS INFORMATION WITHOUT SM CAPABILITY. (CIERR 9988)
	CAUSE	MPE/iX provides different levels of security. Evidently, you do not have the appropriate "clearance" capability to access the information you requested.
	ACTION	Consult with your system manager.
9989	MESSAGE	CANNOT OBTAIN THIS INFORMATION WITHOUT SM OR AM CAPABILITY. (CIERR 9989)
	CAUSE	MPE/iX provides different levels of security. Evidently, you do not have the appropriate "clearance" capability to access the information you requested.
	ACTION	Consult with your account manager or system manager.

9990	MESSAGE	ILLEGAL EXPRESSION: CANNOT BE EVALUATED. (CIERR 9990)
9998	MESSAGE	ILLEGAL CI FILE NAME. (CIERR 9998)
10002	MESSAGE	TOO MANY PARAMETERS WERE GIVEN FOR THIS COMMAND. (CIERR 10002)
	CAUSE	Evidently, you entered more parameters than were expected by this command.
	ACTION	Examine the command line you entered and look for missing delimiters between parameters you specified. Then, reenter the command.
10003	MESSAGE	TOO MANY SUBPARAMETERS WERE GIVEN FOR THIS PARAMETER. (CIERR 10003)
	CAUSE	One of the keyword parameters was given more information than it expected.
	ACTION	Examine the command line you entered and look for missing delimiters between parameters you specified. Then, reenter the command.
10004	MESSAGE	THIS PARAMETER MUST HAVE A VALUE. (CIERR 10004)
	CAUSE	Evidently, you did not supply to a keyword parameter a value that it expected to receive.
	ACTION	Reenter the command and supply a value to the parameter.

10006	MESSAGE	THIS IS NOT A VALID OPTION FOR THIS COMMAND. (CIERR 10006)
	CAUSE	An option is a keyword that indicates a choice but does not accept a value. Evidently, you used a keyword parameter but did not supply it a value.
	ACTION	Refer to online Help facility or the *MPE/iX Commands Reference Manual, (32650-90003)* for information on available options and keywords for this command. Then, reenter the command.
10007	MESSAGE	THIS IS NOT A VALID KEYWORD FOR THIS COMMAND. (CIERR 10007)
	CAUSE	An option is a keyword that indicates a choice but does not accept a value. Evidently, you used an option parameter and supplied it a value.
	ACTION	Refer to online Help facility or the *MPE/iX Commands Reference Manual, (32650-90003)* for information on available options and keywords for this command. Then, reenter the command.
10008	MESSAGE	THIS DUPLICATE SPECIFICATION OVERRIDES PREVIOUS SPECIFICATION. (CIWARN 10008)
	CAUSE	The system uses the last specification of a parameter when that parameter is supplied more than once; evidently you entered a keyword multiple times.
	ACTION	Verify that the value associated with the last specification of the parameter is appropriate for your needs. If not re-enter the command.
10009	MESSAGE	THE PARSER OUTPUT BUFFER HAS OVERFLOWED. (CIERR 10009)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, consult with your system manager or support representative.

10010	MESSAGE	AN INTEGER VALUE BETWEEN -2147483648 AND 2147483647 EXPECTED. (CIERR 10010)
	CAUSE	You specified a value, or an expression you supplied evaluated to a value that is outside the range specified (inclusive).
	ACTION	Examine the command line you typed, then, reenter the command.
10011	MESSAGE	THIS VALUE IS NOT VALID FOR THIS PARAMETER. (CIERR 10011)
	CAUSE	The value you supplied to a parameter is not one that is acceptable by that parameter.
	ACTION	Refer to online Help facility or the *MPE/iX Commands Reference Manual, (32650-90003)* for more information. Then reenter the command.
10012	MESSAGE	INVALID PROMPT STRING CONSTRUCT IN COLUMN !. (CIERR 10012)
10013	MESSAGE	THE ! AND ! PARAMETERS MAY NOT BE SPECIFIED TOGETHER. (CIERR 10013)
	CAUSE	Evidently, you supplied two contradicting parameters.
	ACTION	Refer to online Help facility or the *MPE/iX Commands Reference Manual, (32650-90003)* for more information. Then reenter the command.
10014	MESSAGE	SUBPARAMETER # ! OF THE ! PARAMETER IS REQUIRED. (CIERR 10014)
	CAUSE	Evidently, you did not supply a keyword parameter with a required value.
	ACTION	Refer to online Help facility or the *MPE/iX Commands Reference Manual, (32650-90003)* for more information. Then, reenter the command.

10015	MESSAGE	THE ! PARAMETER IS REQUIRED. (CIERR 10015)
	CAUSE	You did not supply a required parameter.
	ACTION	Reenter the command and supply the parameter.
10016	MESSAGE	! AND ! MAY NOT BE SPECIFIED TOGETHER. (CIERR 10016)
	CAUSE	Evidently, you supplied the command with contradictory or overriding information.
	ACTION	Refer to online Help facility or the *MPE/iX Commands Reference Manual, (32650-90003)* for more information. Then, reenter the command.
10017	MESSAGE	THIS OPTION HAS BEEN SPECIFIED MORE THAN ONCE. (CIWARN 10017)
	CAUSE	Evidently, you typed the option name more than once.
	ACTION	No action is required.
10020	MESSAGE	SEMANTIC STACK OVERFLOW. PARSER INTERNAL ERROR. (CIERR 10020)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, consult with your system manager or support representative.
10021	MESSAGE	SEMANTIC STACK UNDERFLOW. PARSER INTERNAL ERROR. (CIERR 10021)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, consult with your system manager or support representative.

10022	MESSAGE	A COMMAND MAY NOT HAVE MORE THAN 9 CONTINUATION LINES. (CIERR 10022)
	CAUSE	You entered a command that spans more than 9 lines.
	ACTION	Reenter the command and try to fit it on less than 9 lines. If this is not possible, create a command file and execute it to accomplishes the task.
10023	MESSAGE	A COMMAND NAME MAY NOT EXCEED 16 CHARACTERS. (CIERR 10023)
10024	MESSAGE	A COMMAND LINE MAY NOT EXCEED 279 CHARACTERS. (CIERR 10024)
	CAUSE	Evidently, you entered a command that is too long.
	ACTION	Create a command file and execute it to accomplishes the task. Refer to online Help facility or the *MPE/iX Commands Reference Manual, (32650-90003)* for information on command files.
10033	MESSAGE	A CONTROL CHARACTER HAS BEEN DETECTED HERE. (CIERR 10033)
10034	MESSAGE	THIS STRING DOES NOT HAVE A TERMINATOR. (CIERR 10034)
10035	MESSAGE	THIS CHARACTER IS NOT A VALID DELIMITER. (CIERR 10035)
10036	MESSAGE	EXPECTED A ! TO TERMINATE THIS STRING. (CIERR 10036)
	CAUSE	Strings must be enclosed within matching single and double quotes.
	ACTION	Reenter the command and supply matching single and double quotes.

10037	MESSAGE	COMMAND CONTAINS TOO MANY PARAMETERS -- PARSER OVERFLOW. (CIERR 10037)
	CAUSE	You supplied too many parameters to this command.
	ACTION	Refer to online Help facility or the *MPE/iX Commands Reference Manual, (32650-90003)* for information. Then, reenter the command.
10038	MESSAGE	THE PARSER'S OUTPUT BUFFER HAS OVERFLOWED. (CIERR 10038)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, consult with your system manager or support representative.
10045	MESSAGE	THIS NOT A VALID SUBOPTION FOR THIS OPTION. (CIERR 10045)
10046	MESSAGE	TOO MANY UDC PARAMETERS HAVE BEEN SPECIFIED. (CIERR 10046)
10048	MESSAGE	THE FORMS MESSAGE MUST BE TERMINATED BY A PERIOD. (CIERR 10048)
10049	MESSAGE	PARSER INTERNAL ERROR (CNTL-Y). (CIERR 10049)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, consult with your system manager or support representative.
10050	MESSAGE	ENCOUNTERED AN UNEXPECTED ERROR. (CIERR 10050)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, consult with your system manager or support representative.

10051	MESSAGE	ENCOUNTERED AN UNEXPECTED END-OF-LINE. (CIERR 10051)
10052	MESSAGE	ENCOUNTERED AN UNEXPECTED LEFT PARENTHESIS. (CIERR 10052)
10053	MESSAGE	ENCOUNTERED AN UNEXPECTED RIGHT PARENTHESIS. (CIERR 10053)
10054	MESSAGE	ENCOUNTERED AN UNEXPECTED COMMA. (CIERR 10054)
10055	MESSAGE	ENCOUNTERED AN UNEXPECTED PERIOD. (CIERR 10055)
10056	MESSAGE	ENCOUNTERED AN UNEXPECTED SLASH. (CIERR 10056)
10057	MESSAGE	ENCOUNTERED AN UNEXPECTED SEMICOLON. (CIERR 10057)
10058	MESSAGE	ENCOUNTERED AN UNEXPECTED EQUALS SIGN. (CIERR 10058)
10059	MESSAGE	ENCOUNTERED AN UNEXPECTED SPECIAL TOKEN. (CIERR 10059)
10060	MESSAGE	ENCOUNTERED AN UNEXPECTED STRING. (CIERR 10060)
10061	MESSAGE	ENCOUNTERED AN UNEXPECTED WORD. (CIERR 10061)
10062	MESSAGE	ENCOUNTERED AN UNEXPECTED CI SYNTAX TOKEN. (CIERR 10062)

10063	MESSAGE	ENCOUNTERED AN UNEXPECTED DATA SYNTAX TOKEN. (CIERR 10063)
10064	MESSAGE	ENCOUNTERED AN UNEXPECTED GROUP TOKEN. (CIERR 10064)
10065	MESSAGE	ENCOUNTERED AN UNEXPECTED UDC HEADER TOKEN. (CIERR 10065)
10066	MESSAGE	ENCOUNTERED AN UNEXPECTED JS SYNTAX TOKEN. (CIERR 10066)
10067	MESSAGE	ENCOUNTERED AN UNEXPECTED LOGON NAME TOKEN. (CIERR 10067)
10068	MESSAGE	ENCOUNTERED AN UNEXPECTED MPE/iX SYNTAX TOKEN. (CIERR 10068)
10069	MESSAGE	ENCOUNTERED AN UNEXPECTED SPECIAL TOKEN. (CIERR 10069)
10070	MESSAGE	ENCOUNTERED AN UNEXPECTED UDC SYNTAX TOKEN. (CIERR 10070)
10071	MESSAGE	ENCOUNTERED AN UNEXPECTED VS NAME TOKEN. (CIERR 10071)
10072	MESSAGE	ENCOUNTERED AN UNEXPECTED LESS THAN TOKEN. (CIERR 10072)
10073	MESSAGE	ENCOUNTERED AN UNEXPECTED LT/EQ TOKEN. (CIERR 10073)
10074	MESSAGE	ENCOUNTERED AN UNEXPECTED NOT EQUAL TOKEN. (CIERR 10074)
10075	MESSAGE	UNKNOWN TOKEN. (CIERR 10075)

10076	MESSAGE	ENCOUNTERED AN UNEXPECTED GREATER THAN TOKEN. (CIERR 10076)
10077	MESSAGE	ENCOUNTERED AN UNEXPECTED GT/EQ TOKEN. (CIERR 10077)
10078	MESSAGE	ENCOUNTERED AN UNEXPECTED AND TOKEN. (CIERR 10078)
10079	MESSAGE	ENCOUNTERED AN UNEXPECTED NOT TOKEN. (CIERR 10079)
10080	MESSAGE	ENCOUNTERED AN UNEXPECTED OR TOKEN. (CIERR 10080)
10081	MESSAGE	ENCOUNTERED AN UNEXPECTED LEFT BRACKET TOKEN. (CIERR 10081)
10082	MESSAGE	ENCOUNTERED AN UNEXPECTED RIGHT BRACKET TOKEN. (CIERR 10082)
10083	MESSAGE	ENCOUNTERED AN UNEXPECTED CARET (^). (CIERR 10083)
10100	MESSAGE	EXPECTED THE NEXT PARAMETER OR AN OPTION. (CIERR 10100)
10105	MESSAGE	EXPECTED THE NEXT POSITIONAL PARAMETER. (CIERR 10105)
10110	MESSAGE	EXPECTED A KEYWORD PARAMETER OR AN OPTION. (CIERR 10110)
10115	MESSAGE	EXPECTED A VALUE FOR THIS KEYWORD. (CIERR 10115)
10120	MESSAGE	EXPECTED AN OPTION. (CIERR 10120)

10125	MESSAGE	EXPECTED A COMMA OR A SEMICOLON. (CIERR 10125)
10130	MESSAGE	EXPECTED ACCOUNT NAME. (CIERR 10130)
	CAUSE	Evidently, you did not supply an account name.
	ACTION	Reenter the command and supply an account name.
10140	MESSAGE	EXPECTED A FILE REFERENCE CARET CHARACTER. (CIERR 10140)
	CAUSE	Evidently, you did not supply an account name.
	ACTION	Reenter the command and supply an account name.
10201	MESSAGE	VALUE MUST BE >= 0 AND <= 65535. (CIERR 10201)
	CAUSE	Evidently, the value you specified is not within the acceptable range.
	ACTION	Reenter the command and supply an acceptable value.
10202	MESSAGE	UNDEFINED VARIABLE NAME. (CIERR 10202)
	CAUSE	You specified a variable name for the first time.
	ACTION	Verify whether the variable exists or its name was entered correctly. Then, reenter the command.
10203	MESSAGE	STRING EXPRESSION IS TOO COMPLICATED. (CIERR 10203)
10204	MESSAGE	STRING AND INTEGER OPERANDS MAY NOT BE MIXED LIKE THIS. (CIERR 10204)

10205	MESSAGE	STRING VALUES MAY NOT EXCEED 255 CHARACTERS. (CIERR 10205)
10206	MESSAGE	INVALID OPERATION FOR STRINGS. (CIERR 10206)
10207	MESSAGE	DIVISION BY ZERO. (CIERR 10207)
	CAUSE	Evidently, the denominator of an expression you supplied evaluated to 0.
	ACTION	Examine the expression you supplied and reenter the command.
10208	MESSAGE	INTEGER VALUE GREATER THAN 65535. (CIERR 10208)
	CAUSE	The integer value expected by this command cannot be greater than the value specified above.
10209	MESSAGE	INTEGER VALUE LESS THAN 0. (CIERR 10209)
10221	MESSAGE	INVALID ACCESS MODE. (CIERR 10221)
10222	MESSAGE	INVALID ACCESSOR. (CIERR 10222)
10223	MESSAGE	THE ! ACCESS MODE IS NOT VALID FOR THIS COMMAND. (CIERR 10223)
10224	MESSAGE	THE ! ACCESSOR IS NOT VALID FOR THIS COMMAND. (CIERR 10224)
10225	MESSAGE	THE ! ACCESS MODE MUST BE ON THE RIGHT SIDE OF THE COLON. (CIERR 10225)
10226	MESSAGE	THE ! ACCESSOR MUST BE ON THE LEFT SIDE OF THE COLON. (CIERR 10226)

10250	MESSAGE	INVALID PROMPT STRING. APPLICATION INTERNAL ERROR. (CIERR 10250)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, consult with your system manager or support representative.
10251	MESSAGE	THIS COMMENT MUST BE TERMINATED BY A RIGHT BRACE. (CIERR 10251)
10252	MESSAGE	PARAMETER IS TOO LONG. (CIERR 10252)
10253	MESSAGE	THE FIRST CHARACTER MUST BE ALPHABETIC. (CIERR 10253)
10254	MESSAGE	NUMERIC CHARACTERS ARE NOT ALLOWED. (CIERR 10254)
10255	MESSAGE	INVALID USE OF WORDCHAR. (CIERR 10255)
10256	MESSAGE	SPECIAL CHARACTERS ARE NOT ALLOWED. (CIERR 10256)
10257	MESSAGE	PARSER INTERNAL ERROR -- DELIMS ARRAY OUT OF SYNC (CIERR 10257)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, consult with your system manager or support representative.
10258	MESSAGE	MISSING LEFT BRACE. (CIERR 10258)
10259	MESSAGE	DUPLICATE SPECIFICATION OF AN ACCESS MODE. (CIERR 10259)

10260	MESSAGE	DUPLICATE SPECIFICATION OF AN ACCESSOR. (CIERR 10260)
10261	MESSAGE	CAN'T HAVE ALPHA CHARACTERS. (CIERR 10261)
10262	MESSAGE	THIS VALUE IS NOT VALID FOR THIS PARAMETER. (CIERR 10262)
10265	MESSAGE	PARAMETER NOT FOUND IN PROMPT STRING. (CIERR 10265)
10270	MESSAGE	NO COMMAND NAME WAS FOUND. (CIERR 10270)
10275	MESSAGE	INTEGER PARAMETERS MAY NOT HAVE VALUES GREATER THAN 2147483647 (CIERR 10275)
	CAUSE	You specified an integer value that is larger than that allowed by the system.
	ACTION	Reenter the command.
10280	MESSAGE	INTEGER PARAMETERS MAY NOT HAVE VALUES LESS THAN -2147483648 (CIERR 10280)
	CAUSE	You specified an integer value that is smaller than that allowed by the system.
	ACTION	Reenter the command.
10285	MESSAGE	PARAMETER NUMBER ! MUST BE SPECIFIED. (CIERR 10285)
	CAUSE	You did not specify a required parameter.
	ACTION	Consult with online Help facility or the *MPE/iX Commands Reference Manual, (32650-90003)* for more information. Then, reenter the command.

10290	MESSAGE	"KEYWORD=" SPECIFICATION INVALID, COMMAND HAS NO KEYWORDS. (CIERR 10290)
	CAUSE	This command does not accept parameters of type ";KEYWORD=value."
	ACTION	Consult with online Help facility and the *MPE/iX Commands Reference Manual, (32650-90003)*. Then, reenter the command.
10301	MESSAGE	CAN NOT BUILD WHILE STORAGE AREA, NOT EXECUTED. (CIERR 10301)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, consult with your system manager or support representative.
10302	MESSAGE	WHILE'S AND ENDWHILE'S MUST BE PAIRED WITHIN USER COMMANDS. (CIERR 10302)
10303	MESSAGE	THIS ENDWHILE COMMAND DOES NOT HAVE A CORRESPONDING WHILE. THE ENDWHILE IS IGNORED. (CIWARN 10303)
	CAUSE	You supplied an ENDWHILE without having specified a WHILE.
	ACTION	No action is reuired, unless you meant to place a loop construct arround a set of commands preceeding the WHILE.
10304	MESSAGE	I/O READ ERROR IN WHILE COMMANDS INTERACTIVELY. (CIERR 10304)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, consult with your system manager or support representative.

10305	MESSAGE	ERROR WRITING WHILE COMMANDS TO STORAGE AREA. (CIERR 10305)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, consult with your system manager or support representative.
10306	MESSAGE	HIT MAXIMUM LOOPING LEVEL OF WHILE CONSTRUCT. (CIERR 10306)
10307	MESSAGE	NO WHILE COMMAND FOR ENDWHILE. (CIERR 10307)
10308	MESSAGE	HIT MAXIMUM STACK LIMIT FOR LANGUAGE CONSTRUCTS. (CIERR 10308)
10310	MESSAGE	ERROR EXECUTING COMMANDS IN WHILE LOOP. (CIERR 10310)
	CAUSE	This general error is displayed when an error is caused by a command that is enclosed within a WHILE-ENDWHIL loop. If there are nested WHILEs, this error will be produced for each WHILE-ENDWHILE.
	ACTION	Examine the error that was displayed before this error was produced. Reenter the command.
10311	MESSAGE	HIT MAXIMUM NESTING LEVEL FOR CURRENT WHILE. (CIERR 10311)
10312	MESSAGE	WHILE TERMINATED ON READ OF LOOPED COMMANDS. (CIERR 10312)
10313	MESSAGE	CAN NOT PARSE WHILE COMMAND LINE. (CIERR 10313)
10314	MESSAGE	NESTED WHILES ARE NOT AVAILABLE AT THIS TIME. (CIERR 10314)

10315	MESSAGE	SYNTAX OF WHILE COMMAND IS "WHILE &<CONDITION>". (CIERR 10315)
	CAUSE	Evidently, you entered a WHILE but did not follow it with a condition.
	ACTION	Reenter the WHILE and supply a condition to it.
10316	MESSAGE	CAN NOT SUBSTITUTE OR LIST WHILE COMMAND LINE. (CIERR 10316)
	CAUSE	Unknown.
	ACTION	Reenter the command. If it fails consistently, consult with your system manager or support representative.
10317	MESSAGE	UNRECOGNIZED PARAMETERS TO THE WHILE COMMAND (CIERR 10317)
10600	MESSAGE	PRIVATE VOLUMES FACILITY NOT INVOKED. (CIERR 10600)
10601	MESSAGE	OPERATOR REJECTED RESERVE REQUEST. (CIERR 10601)
10602	MESSAGE	GROUP IN VOLUME SET SPECIFICATION DOES NOT EXIST. (CIERR 10602)
	CAUSE	A non existent group in volume set was entered.
	ACTION	Verify existence of group and volume set specified.
10603	MESSAGE	ACCOUNT IN VOLUME SET SPECIFICATION DOES NOT EXIST. (CIERR 10603)
	CAUSE	A non existent account in volume set was entered.
	ACTION	Verify existence of account and volume set specified.

10604	MESSAGE	VOLUME SET IS NOT PHYSICALLY MOUNTED ON SYSTEM. (CIERR 10604)
	CAUSE	Volume set configured, but not mounted.
	ACTION	Mount volume set.
10605	MESSAGE	VOLUME SET CURRENTLY MOUNTED WITH DIFFERENT GENERATION. (CIERR 10605)
10606	MESSAGE	MOUNTED VOLUME TABLE ERROR (SYSTEM PROBLEM). (CIERR 10606)
10607	MESSAGE	LDEV# ! IS NOT A DISC. (CIERR 10607)
	CAUSE	Specified logical device is not a configured disk drive.
	ACTION	Verify logical device numbers of disk drives.
10608	MESSAGE	LDEV ! IS NOT IN VOLUME TABLE -- TRY SWITCHING DISK UNIT OFFLINE, THEN ONLINE. (CIERR 10608)
	CAUSE	Logical device number cannot be found in volume table.
	ACTION	Switch disk offline, then online. (Then reboot system.)10620
10609	MESSAGE	CLOSE PENDING ON VOLUME SET. (CIERR 10609)
	CAUSE	There is an outstanding close on the volume set.
	ACTION	Open volume set or wait for close to complete.
10610	MESSAGE	VOLUME SET IS CLOSED. (CIERR 10610)
	CAUSE	Volume set has been closed.
	ACTION	Open volume set if desired.

10611	MESSAGE	VOLUME SET NAME GREATER THAN 32 CHARACTERS. (CIERR 10611)
	CAUSE	Volume set name specified exceeds 32 character maximum.
	ACTION	Verify volume set name and reenter.
10612	MESSAGE	MOUNTABLE VOLUMES FACILITY DISABLED BY OPERATOR. (CIERR 10612)
10613	MESSAGE	UNABLE TO OBTAIN MASTER VOLUME ID. (CIERR 10613)
10614	MESSAGE	UNABLE TO OBTAIN MAGIC UFID FOR SPECIAL RESERVE FILE. (CIERR 10614)
10615	MESSAGE	UNABLE TO OPEN SPECIAL RESERVE FILE. (CIERR 10615)
10616	MESSAGE	SEND MSG TO SYSTEM PROCESS (AVR) FAILED. (CIERR 10616)
10617	MESSAGE	RECEIVE MSG FROM SYSTEM PROCESS (AVR) FAILED. (CIERR 10617)
10618	MESSAGE	SYSTEM PROCESS (AVR) UNABLE TO OPEN SPECIAL RESERVE FILE. (CIERR 10618)
10619	MESSAGE	FWRITE FAILURE DURING INFORMATION DISPLAY. (CIERR 10619)
10620	MESSAGE	ERROR OCCURRED GATHERING DSTAT INFORMATION. (CIERR 10620)
	CAUSE	Problem with DSTAT command information processing.
	ACTION	Reboot; document circumstances; verify DSTAT command now works properly.

10621	MESSAGE	USER DOES NOT HAVE VOLUME SET RESERVED. (CIERR 10621)
10622	MESSAGE	VSRESERVESYS (OR LMOUNT) ALREADY ISSUED ON VOLUME SET. (CIERR 10622)
	CAUSE	Command has already been issued on volume set.
	ACTION	None.
10623	MESSAGE	VSRESERVE (OR MOUNT) ALREADY ISSUED ON VOLUME SET. (CIERR 10623)
	CAUSE	Command has already been issued on volume set.
	ACTION	None.
10624	MESSAGE	ERROR OBTAINING USER INFORMATION. (CIERR 10624)
	CAUSE	Unknown.
10625	MESSAGE	NO VOLUME SETS CURRENTLY RESERVED. (CIERR 10625)
10626	MESSAGE	VOLSET COMPONENT OF NAME > 8 CHARACTERS. (CIERR 10626)
	CAUSE	VOLSET name specified exceeded 8 characters.
	ACTION	Verify correct volume set name of less than 9 characters.
10627	MESSAGE	GROUP COMPONENT OF NAME > 8 CHARACTERS. (CIERR 10627)
	CAUSE	Group names cannot exceed eight characters; evidently, you entered more than eight characters for a group name.
	ACTION	Reenter the command and supply a group name that is up to eight characters long.

10628	MESSAGE	ACCOUNT COMPONENT OF NAME > 8 CHARACTERS. (CIERR 10628)
	CAUSE	Account names cannot exceed eight characters; evidently, you entered more than eight characters for an account name.
	ACTION	Reenter the command and supply an account name that is up to eight characters long.
10629	MESSAGE	UNABLE TO CLOSE SPECIAL RESERVE FILE. (CIERR 10629)
	CAUSE	Unknown.
10630	MESSAGE	SYSTEM PROCESS (AVR) UNABLE TO CLOSE SPECIAL RESERVE FILE. (CIERR 10630)
	CAUSE	Unknown.
10631	MESSAGE	INVALID NUMERIC VALUE FOR KEYWORD PARAMETER. (CIERR 10631)
	CAUSE	An invalid numeric value was entered for the parameter used.
	ACTION	Verify valid, available numeric values.
10632	MESSAGE	VOLUME SET IS ALREADY OPEN. (CIERR 10632)
	CAUSE	An attempt was made to open an already open volume set.
	ACTION	None.
10633	MESSAGE	VOLUME SET IS ALREADY CLOSED. (CIERR 10633)
	CAUSE	An attempt was made to close a volume set that is already closed.
	ACTION	None.
10634	MESSAGE	VSRESERVESYS (OR LMOUNT) IS IN EFFECT ON VOLUME SET. (CIERR 10634)

10635	MESSAGE	VOLUME SET OPEN IN PROGRESS. (CIERR 10635)
10636	MESSAGE	VOLUME SET CLOSE IN PROGRESS. (CIERR 10636)
10637	MESSAGE	VOLUME SET IN USE, CLOSE PENDING APPLIED TO VOLUME SET. (CIERR 10637)
	CAUSE	A volume set CLOSE command was issued and volume set specified is currently in use.
	ACTION	Wait for CLOSE to complete, or OPEN the volume set specified.
10639	MESSAGE	SPLIT CAN ONLY BE SPECIFIED FOR A MIRRORED VOLUME SET. (CIERR 10639)
	CAUSE	The SPLIT option to VSCLOSE was specified for a non-mirrored volume set.
	ACTION	Use the SPLIT option only for a mirrored volume set.
10604	MESSAGE	VOLUME SET WAS NOT PHYSICALLY MOUNTED ON SYSTEM. (CIERR 10604)
	CAUSE	If the named volume set is on the system, possible cause is that PARTVS=BACKUP was specified for a nonsplit-volume set.
	ACTION	Repeat the VSOPEN or VSCLOSE command without the PARTVS parameter.
10640	MESSAGE	VOLUME SET WITH MISSING VOLUMES CANNOT BE SPLIT. (CIERR 10640)
	CAUSE	The mirrored volume set to be split has suspended or disabled volumes.
	ACTION	Replace all missing volumes with the VOLUTIL REPLACEMIRRVOL command before retrying the split.

10641	MESSAGE	VOLUME SET CANNOT BE SPLIT WHILE UNDER REPAIR. (CIERR 10641)
	CAUSE	The mirrored volume set to be split was undergoing a repair at the time.
	ACTION	Wait for repair to complete before trying the split.
10642	MESSAGE	VOLULME SET IN USE, VSCLOSE WITH ;SPLIT CANNOT BE DONE. (CIERR 10642)
	CAUSE	The mirrored volume set to be split has files opened on it.
	ACTION	Log off all users from the volume set and retry the split.
10643	MESSAGE	PARTVS=USER IS VALID ONLY FOR A SPLIT VOLULME SET. (CIERR 10643)
	CAUSE	The PARTVS=USER parameter was used to VSOPEN or VSCLOSE a volume set which is not split.
	ACTION	Repeat the VSOPEN or VSCLOSE command without the PARTVS parameter.
10900	MESSAGE	SPU SWITCH OVER PRODUCT NOT INSTALLED ON THIS SYSTEM. (CIERR 10900)
	CAUSE	:SPUCONTROL, :SWITCHBACK, or :SWITCHOVER was entered, but the SPU Switch Over product was not installed on the system.
	ACTION	Install the SPU Switch Over product, and make sure the SPUINFOP configuration file is in the correct configuration group.

10901	MESSAGE	BOTH PARTNERS IN THE MIRRORED VOLUME SET !volset name MUST BE PRESENT ON SYSTEM !sysname. (CIWARN 10901)
	CAUSE	An :SPUCONTROL SETUP, :SWITCHBACK, or :SWITCHOVER command was entered, but the mirrored volume set indicated in the message is missing one of the mirrored partners. Both partners in a mirrored volume set must be present on the system before volume sets can be switched.
	ACTION	Wait for the missing partner to mount on the specified system, then re-issue the command. If the user wishes to stop mirroring for the volume set, enter the appropriate command to suspend mirroring, close the volume set, and re-enter the command.
10902	MESSAGE	SYSTEM NAME GREATER THAT 8 CHARACTERS. (CIERR 10902)
	CAUSE	A :SWITCHOVER, or :SWITCHBACK was entered with a system name that was greater that 8 characters long. The maximum length allowed for system names is 8 characters.
	ACTION	Re-enter the command with the correct system names. To check for the correct system names, perform a :SPUCONTROL SHOWSPU, or go to the SPU subsystem in SYSGEN and do a SHOW.

10903	MESSAGE	'TOSYSNAME' MUST BE THE SYSTEM WHERE THIS COMMAND IS ENTERED. (CIERR 10903)
	CAUSE	A :SWITCHOVER, or :SWITCHBACK was entered with a system name that is incorrect. The 'TOSYSNAME' must be the name of the system that the command is being entered on. The :SWITCHOVER and :SWITCHBACK commands alway switch the volume sets to the system that the command is being executed on.
	ACTION	Be sure the :SWITCHBACK, or :SWITCHOVER commands are executed on the system the volume sets need to be switched to. Perform a :SPUCONTROL SHOWSPU to find the correct name of the system, then re-issue the attempted command with the correct system name.
10904	MESSAGE	'FROMSYSNAME' MUST BE THE PARTNER SYSTEM NAME. (CIERR 10904)
	CAUSE	A :SWITCHBACK, or :SWITCHOVER was entered with a system name that is incorrect. The 'FROMSYSNAME' must be the name of the partner system. The 'FROMSYSNAME' is the name of the system that the volume sets are being switched from.
	ACTION	Be sure the :SWITCHBACK, or :SWITCHOVER commands are executed on the system the volume sets need to be switched to. Perform a :SPUCONTROL STATUS to find the names of the systems in the SPUSO configuration. Re-issue the attempted command with the correct system name.

10905	MESSAGE	SYSTEMS SPECIFIED ARE NOT A HOME/ALTERNATE PAIR. (CIERR 10905)
	CAUSE	A :SWITCHBACK, or :SWITCHOVER was entered, but the systems specified were not listed in the configuration file as partner systems. Otherwise, the systems were not listed as equal partners, (i.e. the "to" system may not be the alternate system for the "from" system, but the "from" system is the alternate for the "to" system.)
	ACTION	Check the configuration file via the SHOW command in the SPU subsystem of SYSGEN. Make sure the systems are listed as partners. If they are not, perform an APAIR. If the partners need to be equal, perform APAIR twice. :SWITCHBACK, or :SWITCHOVER cannot be performed until an :SPUCONTROL SETUP and :SPUCONTROL START has been done using the modified configuration file.
10906	MESSAGE	NO SPUSO NAME FOR THIS SYSTEM. (CIERR 10906)
	CAUSE	An :SPUCONTROL SHOWSPU was entered, but the system has not been given an SPU Switch Over system name yet.
	ACTION	Enter an SPU Switch Over name via the ASYSTEM command in the SPU subsystem of SYSGEN.
10907	MESSAGE	SYSTEM !sysname NOT RESPONDING. THE ALTERNATE SYSTEM MUST BE UP BEFORE THIS COMMAND CAN SUCCEED. (CIERR 10907)
	CAUSE	Communication between systems was attempted by the :SPUCONTROL SETUP command, but the partner system did not respond.
	ACTION	Check the partner system to be sure it is up. Also check the connections between the two systems.

10908	MESSAGE	SYSTEM !sysname NOT RESPONDING, SPUCONTROL START CONTINUED. (CIWARN 10908)
	CAUSE	Communication between systems was attempted by the :SPUCONTROL START command, but the partner system did not respond. Although the communication attempt failed, the command continued to execute.
	ACTION	Check partner system to see if it is up. Also check the connections between the two system. If the system is not up, a :SWITCHOVER, or :SWITCHBACK can be executed based on the state of the switchable volume sets.
10909	MESSAGE	OPEN FAILED ON SPUSO CONFIGURATION FILE. (CIERR 10909)
	CAUSE	Each of the SPUSO commands must open the configuration file. Apparently, the file does not exist, or is empty.
	ACTION	Configure the SPU Switch Over environment through SYSGEN, and the necessary information will be added to the configuration file.
10910	MESSAGE	ERROR OCCURRED WHILE ACCESSING SPUSO CONFIGURATION FILE. (CIERR 10910)
	CAUSE	Each of the SPUSO commands must read the information in the configuration file. An error occurred while reading information from the configuration file.
	ACTION	Run SYSGEN; get into the SPU subsytem and do a SHOW to see the configuration file information. Make sure the information is correct. If it is not, re-configure the SPU Switch Over environment through SYSGEN.

10911	MESSAGE	VALIDATION FAILED ON THE SPUSO CONFIGURATION FILE ON SYSTEM !sysname. (CIERR 10911)
	CAUSE	One of the SPUSO commands was entered, but the SPUSO configuration file information was not valid. The file might not have any system names, system pairs, or volume sets listed.
	ACTION	Do SYSGEN SPU> SHOW to see the configuration file information. Do this on both systems making sure the information is the same. If it is not, re-configure the SPU Switch Over environment through SYSGEN on one of the systems. Next, execute an SPUCONTROL SETUP on the system with the correct configuration file.
10912	MESSAGE	FAILURE TO TRANSFER SPUSO CONFIGURATION FILE TO SYSTEM !sysname. (CIERR 10912)
	CAUSE	:SPUCONTROL SETUP was entered, but there was an error while transferring the SPUSO configuration file to the alternate system.
	ACTION	Make sure the alternate system is up. Run SYSGEN; get into the SPU subsytem and do a SHOW to see the configuration file information. Make sure the systems listed are correct. If it is not, re-configure the SPU Switch Over environment through SYSGEN.

10913	MESSAGE	THE SPUSO CONFIGURATION FILES ON BOTH SYSTEMS MUST BE IDENTICAL. (CIERR 10913)
	CAUSE	:SPUCONTROL START, :SWITCHBACK, or :SWITCHOVER was entered, and the SPUSO configuration file on the home and alternate systems were compared. The comparison failed.
	ACTION	Run SYSGEN, get into the SPU subsytem and do a SHOW to see the configuration file information on both systems. On the system that has the correct version of the configuration file, perform an :SPUCONTROL SETUP.
10914	MESSAGE	SPUCONTROL SETUP WAS ALREADY EXECUTED. (CIERR 10914)
	CAUSE	An :SPUCONTROL SETUP was entered, but the SPUSO configuration file had not been changed since the last :SPUCONTROL SETUP.
	ACTION	If there has been a configuration file change, this command must be executed on the system with the modified configuration file. Otherwise, it was an inappropriate context for entering the command; no action is required.
10915	MESSAGE	SPUCONTROL SETUP MUST BE EXECUTED BEFORE EXECUTING THIS COMMAND. (CIERR 10915)
	CAUSE	An :SPUCONTROL START was entered, but the SPUSO configuration file had been modified since the last :SPUCONTROL SETUP.
	ACTION	Enter an :SPUCONTROL SETUP first.

10916	MESSAGE	UNABLE TO WRITE INFORMATION TO THE SPUSO CONFIGURATION FILE ON SYSTEM !sysname. (CIERR 10916)
	CAUSE	An :SPUCONTROL SETUP was entered, but the configuration file on the system indicated in the message could not be updated with "setup complete" information.
	ACTION	Check the configuration file on the system indicated via SYSGEN. If the failure occurred on the partner system, check the connections. Re-enter the :SPUCONTROL SETUP command.
10917	MESSAGE	SPUCONTROL START WAS ALREADY DONE, COMMAND CONTINUED. (CIERR 10917)
	CAUSE	Both systems were up and an :SPUCONTROL START was entered. Both systems think that an :SPUCONTROL START was already done. This is just a warning. The command will continue and start the heartbeat signal.
	ACTION	No action required.
10918	MESSAGE	SPUCONTROL START WAS ALREADY EXECUTED. (CIERR 10918)
	CAUSE	Only one system was up and an :SPUCONTROL START was entered. SPUSO had already been started through a previous execution of the command.
	ACTION	The command should not have been entered a second time; no action required.

10919	MESSAGE	SPUCONTROL START MUST BE EXECUTED ON SYSTEM !sysname BEFORE EXECUTING THIS COMMAND. (CIERR 10919)
	CAUSE	An :SPUCONTROL STOP, STATUS, SWITCHOVER, or SWITCHBACK was entered, but an :SPUCONTROL START was not previously executed on the system indicated in the message. SPU Switch Over is not active.
	ACTION	Execute :SPUCONTROL START before entering the attempted command. If :SPUCONTROL STOP was attempted, there is no need to do a :SPUCONTROL START.
10920	MESSAGE	UNABLE TO START THE HEART BEAT SIGNAL. (CIERR 10920)
	CAUSE	An :SPUCONTROL START was entered, but the heart beat signal on the system could not be started.
	ACTION	Check the connections. Then attempt the command again.
10921	MESSAGE	SPUCONTROL STOP MUST BE EXECUTED BEFORE EXECUTING THIS COMMAND. (CIERR 10921)
	CAUSE	An :SPUCONTROL SETUP was entered, but the SPUSO process was not stopped. The process must be stopped on both systems before re-initializing.
	ACTION	Enter an :SPUCONTROL STOP command.

10922	MESSAGE	VOLUME SET !volset name NOT CONNECTED TO SYSTEM !sysname. (CIERR 10922)
	CAUSE	An :SPUCONTROL SETUP, :SWITCHBACK, or :SWITCHOVER was entered, but the volume set indicated in the message is not mounted on the system indicated.
	ACTION	Do a SYSGEN SPU> SHOW to see the list of volume set names. Perform a :DSTAT on the system indicated, and compare the volume set name to those in the configuration file. Check the disk drive connections to the system.
10923	MESSAGE	BOTH HALVES OF THE SPLIT VOLUME SET !volset name MUST BE PRESENT ON SYSTEM !. (CIWARN 10923)
	CAUSE	An :SPUCONTROL SETUP, :SWITCHBACK, or :SWITCHOVER command was entered, but the half of the split volume set is missing. More specifically, the backup half of the split volume set is missing, and it must be present on the system before volume sets can be switched.
	ACTION	Wait for the missing half to mount on the specified system, and then re-issue the command.
10924	MESSAGE	VOLUME SET !volset name IS NOT CLOSED ON SYSTEM !sysname. (CIWARN 10924)
	CAUSE	An :SPUCONTROL SETUP, :SWITCHBACK, or :SWITCHOVER was entered, but the volume set indicated in the message was not :VSCLOSEd on the system indicated. Volume sets must be closed before being switched between systems.
	ACTION	:VSCLOSE all volume sets that will be switched. Then re-issue the original command.

10928	MESSAGE	UNABLE TO SWITCH VOLUME SETS. (CIERR 10928)
	CAUSE	An :SPUCONTROL SETUP, :SWITCHBACK, or :SWITCHOVER was entered. While switching the volume sets an error occurred, and none of the volume sets will be switched.
	ACTION	Perform a :DSTAT to make sure all the ldevs in the indicated volume set are in "loner" or "locked" state on the current system, and if possible the alternate system. Make sure the ldevs are connected to both systems. Re-enter the command.



10929	MESSAGE	ONE OR MORE LDEVS IN VOLUME SET !volset name ARE NOT RESPONDING. (CIWARN 10929)
	CAUSE	An :SPUCONTROL SETUP, :SWITCHBACK, or :SWITCHOVER was entered. One of the LDEVS in the indicated volume set was not responding. It may be powered off. Since one or more of the LDEVS in the volume set were not responding, none of the volume sets could be switched.
	ACTION	Check of the LDEVS in the volume set. Make sure they are powered on. Also check all of the connections to both systems. Re-enter the command.
10932	MESSAGE	VOLUME SET !volset name NOT CONNECTED TO THIS SYSTEM. (CIWARN 10923)
	CAUSE	An :SPUCONTROL STATUS was entered, but the volume set indicated in the message is not mounted on the current system.
	ACTION	Do a SYSGEN SPU> SHOW to see the list of volume set names. Perform a :DSTAT and compare the volume set names to those in the configuration file. Check the disk drive connections to the system.

10924	MESSAGE	VOLUME SET !volset name IS NOT CLOSED ON SYSTEM !sysname. (CIERR 10924)
	CAUSE	An :SPUCONTROL SETUP, :SWITCHBACK, or :SWITCHOVER was entered, but the volume set indicated in the message was not :VSCLOSEd on the system indicated. Volume sets must be closed before being switched between systems.
	ACTION	:VSCLOSE all volume sets that will be switched.
10925	MESSAGE	NO VOLUME SETS SPECIFIED IN THE SPUSO CONFIGURATION FILE. (CIWARN 10925)
	CAUSE	An :SPUCONTROL STATUS was entered, but there were no volume sets specified in the configuration file.
	ACTION	If there were supposed to be volume sets listed, check the SPUSO configuration by doing a SYSGEN SPU> SHOW.
10926	MESSAGE	ALL VOLUME SETS HOME TO SYSTEM !sysname WERE PREVIOUSLY MOUNTED. (CIWARN 10926)
	CAUSE	A :SWITCHBACK was entered, but the volume sets home to the system are already mounted on that system.
	ACTION	Do an :SPUCONTROL STATUS to check where the SPUSO volume sets are currently mounted, and their home systems. If the volume sets desired are already mounted on the current system, then no action is required. If the volume sets needed are those that are home to the alternate system, a :SWITCHOVER command should be entered. Remember for the :SWITCHBACK and :SWITCHOVER commands, volume sets are always switched to the system that the command is executed on.

10927	MESSAGE	ALL VOLUME SETS HOME TO THE ALTERNATE SYSTEM !sysname WERE PREVIOUSLY MOUNTED. (CIWARN 10927)
	CAUSE	A :SWITCHOVER was entered, but the volume sets home to the alternate system were already mounted on the current system.
	ACTION	Do an :SPUCONTROL STATUS to check where the SPUSO volume sets are currently mounted, and their home systems. If the volume sets desired are already mounted on the current system, then no action is required. Remember for the :SWITCHBACK and :SWITCHOVER commands, volume sets are always switched to the system that the command is executed on.
10928	MESSAGE	UNABLE TO SWITCH VOLUME SET !volset name TO SYSTEM !sysname. (CIWARN 10928)
	CAUSE	An :SPUCONTROL SETUP, :SWITCHBACK, or :SWITCHOVER was entered. While switching the volume set to the specific system, an error occurred and the volume set will not be switched. The command will continue to switch the remaining volume sets to the indicated system if possible. The volume sets that were switched before the error occurred will remain on the system they were switched to. An :SPUCONTROL SETUP is not complete until all SPUSO volume sets are mounted on their home systems.
	ACTION	Perform a :DSTAT to make sure all the ldevs in the indicated volume set are in "loner" or "locked" state on the current system, and if possible the alternate system. Make sure the ldevs are connected to both systems. Re-enter the command. If it fails, reboot the current system and the alternate system if possible.

10929	MESSAGE	UNABLE TO RESTORE VOLUME SET !volset name TO ITS ORIGINAL STATE ON SYSTEM !sysname. (CIWARN 10929)
	CAUSE	An :SPUCONTROL SETUP, :SWITCHBACK, or :SWITCHOVER was entered. While switching the volume set, an error occurred. The volume set will not be switched, and it cannot be restored to its original state. The command will continue to switch the remaining volume sets if possible. The volume sets that were switched before the error occurred will remain on the system they were switched to. An :SPUCONTROL SETUP is not complete until all SPUSO volume sets are mounted on their home systems.
	ACTION	Reboot the current system and the alternate system, and re-enter the command.
10930	MESSAGE	UNABLE TO SEND INFORMATION ON VOLUME SET !volset name TO SYSTEM !sysname. (CIERR 10930)
	CAUSE	An :SPUCONTROL SETUP was entered, but set information for the indicated volume set mounted on the current system could not be sent to the alternate system. It is important that the information is sent when adding new volumes that will be in the SPUSO configuration to the system.
	ACTION	Check all connections to both system. Perform a :DSTAT on both systems to see if corresponding volumes in the volume set exist on both systems.

10931	MESSAGE	VOLUME SET !volset name LOCKED BY BOTH SYSTEMS. (CIERR 10931)
	CAUSE	A previous :SPUCONTROL SETUP failed. Due to a communication error, the volume set was left in a "locked" state on the current and alternate systems. It should be in a "locked" state on one system, and a "loner" state on the other. This, and subsequent executions of :SPUCONTROL SETUP will fail because of the volume set state.
	ACTION	Perform a :DSTAT on both systems to check the state of the volume set. Reboot both systems and re-enter the command.
11701	MESSAGE	The NOW option requires SM capability. (CIERR 11701)
	CAUSE	The SETCLOCK command was issued with the ;NOW option but without the user having SM capability.
	ACTION	Issue the SETCLOCK command without the ;NOW option, or issue the command after obtaining SM capability.
11702	MESSAGE	SETCLOCK requires DATE and TIME, CORRECTION, or TIMEZONE. (CIERR 11702)
	CAUSE	The SETCLOCK command was issued with none of the required parameters.
	ACTION	Issue this command with a DATE and TIME, CORRECTION, or TIMEZONE parameter.

11703	MESSAGE	Both DATE and TIME parameters must be supplied. (CIERR 11703)
	CAUSE	The DATE or TIME parameter was provided without also providing the other parameter. The SETCLOCK command requires both parameters to uniquely define a system time.
	ACTION	Issue the command with both DATE and TIME parameters.
11704	MESSAGE	SETCLOCK requires DI in addition to either SM or OP capability. (CIERR 11704)
	CAUSE	The SETCLOCK command was attempted without DI and either SM or OP capability.
	ACTION	Issue the command with DI and either SM or OP capability.
11705	MESSAGE	The NOW or GRADUAL option requires both DATE and TIME. (CIERR 11705)
	CAUSE	The SETCLOCK command's ;NOW or ;GRADUAL option was used without also providing the DATE and TIME parameters.
	ACTION	Issue the SETCLOCK command and provide DATE and TIME along with the ;NOW or ;GRADUAL option.
11706	MESSAGE	CORRECTION must be the only parameter. (CIERR 11706)
	CAUSE	The SETCLOCK command's CORRECTION parameter was provided while also including at least one other parameter.
	ACTION	Issue the SETCLOCK command using CORRECTION as the only parameter.

11707	MESSAGE	**TIMEZONE must be the only parameter. (CIERR 11707)**
	CAUSE	The SETCLOCK command's TIMEZONE parameter was provided while also including at least one other parameter.
	ACTION	Issue the SETCLOCK command using TIMEZONE as the only parameter.
11708	MESSAGE	**CANCEL must be the only option or parameter. (CIERR 11708)**
	CAUSE	The SETCLOCK command's ;CANCEL option was provided while also including at least one other parameter.
	ACTION	Issue the SETCLOCK command using ;CANCEL as the only option or parameter.
11709	MESSAGE	**The DATE parameter has an incorrect format. Expected mm/dd/yyyy. (CIERR 11709)**
	CAUSE	The SETCLOCK command's DATE parameter did not have valid numeric values for month, day and year.
	ACTION	Provide the DATE format in the format mm/dd/yyyy or mm/dd/yy.
11710	MESSAGE	**The specified system time is too early. (CIERR 11710)**
	CAUSE	SETCLOCK was issued with a system time before January 1, 1970 at 12:10 a.m. The system will not function properly with a system time set before this value.
	ACTION	Issue the SETCLOCK with a DATE and TIME after January 1, 1970 at 12:10 a.m.

11711	MESSAGE	**The specified DATE is out of range. (CIERR 11711)**
	CAUSE	At least one of the numeric values for month, day, or year were beyond the range one would expect for a month, day, or year.
	ACTION	Issue the SETCLOCK command with a month in the range 1 through 12, a day in the range appropriate for that month, and a year between 1970 and 2027.
11712	MESSAGE	**The TIME parameter has an incorrect format. Expected hh:mm[:ss]. (CIERR 11712)**
	CAUSE	At least one of the numeric values for hours or minutes was not provided, or the values were not separated with a colon.
	ACTION	Provide the TIME parameter in the form hh:mm, or optionally hh:mm:ss.
11713	MESSAGE	**The specified system time is out of range. (CIERR 11713)**
	CAUSE	The TIME parameter was provided with numeric values for hour, minute or second which exceeded the range associated with hours, minutes or seconds.
	ACTION	Provide the TIME parameter with hours in the range 0 through 23, minutes in the range 0 through 59, and optionally seconds in the range 0 through 59.
11715	MESSAGE	**The TIMEZONE parameter has an incorrect format. (CIERR 11715)**
	CAUSE	The TIMEZONE was provided either with a missing value for hours or minutes or with a missing colon separating hours from minutes.
	ACTION	Provide the TIMEZONE parameter in the form Ehh:mm or Whh:mm.

11716	MESSAGE	The TIMEZONE parameter requires a preceding W or E. (CIERR 11716)
	CAUSE	The TIMEZONE parameter was provided without a preceding W or E indicating whether the hemisphere should be Western or Eastern.
	ACTION	Provide the TIMEZONE parameter in the form Ehh:mm or Whh:mm.
11717	MESSAGE	The specified TIMEZONE is out of range. (CIERR 11717)
	CAUSE	The TIMEZONE parameter represented a time zone which is not within the range of accepted time zones.
	ACTION	Provide the TIMEZONE parameter with time values ranging from 0:00 to 12:59, preceded by a "W" or "E" to represent the hemisphere.
11718	MESSAGE	A current correction is in effect. Use SETCLOCK;CANCEL. (CIERR 11718)
	CAUSE	The SETCLOCK command was issued in an attempt to change the system time or timezone while a current correction is still in effect.
	ACTION	Issue the SETCLOCK;CANCEL command, followed by a SETCLOCK command implementing the desired change.

3

CREATE

(CREATE ERR)

20	MESSAGE	UNKNOWN SUBQUEUE NAME (CREATE ERR 20)
21	MESSAGE	SUBQUEUE 'A' REQUESTED WITHOUT FROZEN STACK (CREATE ERROR 21)
23	MESSAGE	INSUFFICIENT CAPABILITY FOR NON-STANDARD SUBQUEUE (CREATE ERROR 23)
24	MESSAGE	UNKNOWN PORTION OF MASTER QUEUE (CREATE ERROR 24)
25	MESSAGE	INSUFFICIENT CAPABILITY FOR MASTER QUEUE (CREATE ERROR 25)
26	MESSAGE	ABSOLUTE PRIORITY REQUESTED WITHOUT CAPABILITY (CREATE ERROR 26)
27	MESSAGE	ILLEGAL PRIORITY CLASS SPECIFIED (CREATE ERROR 27)
28	MESSAGE	PRIORITY OMITTED WHILE FATHER PROCESS IN MASTER QUEUE.(CREATE ERR 28)
29	MESSAGE	PRIORITY RANK RESERVED TO SUPERVISOR CAPABILITY (CREATE ERROR 29)
30	MESSAGE	LOAD ERROR (CREATE ERROR 30)

31	MESSAGE	LACK OF SYSTEM RESOURCE (CREATE ERROR 31)
32	MESSAGE	MAXIMUM USER/ACCOUNT PRIORITY EXCEEDED (CREATE ERROR 32)

4

CS80 Disk Manager

(Subsystem 121)

1	MESSAGE	**Only the user-specified length of data was transferred; however, the DEVICE MANAGER attempted to transfer more for some reason.**
	CAUSE	User requested a data transfer, but the buffer supplied was zero bytes long.
	ACTION	Call your support representative.
2	MESSAGE	**UNLOCK Request was received; however, the DEVICE MANAGER was already unlocked.**
	CAUSE	Diagnostics attempted to UNLOCK the Device Manager unnecessarily.
	ACTION	Call your support representative.
3	MESSAGE	**RELEASE is ALLOWED for operator requests; therefore, the disk pack is allowed to be dismounted.**
	CAUSE	The front panel button used to spin down a disk pack is disabled.
	ACTION	None.
4	MESSAGE	**RELEASE will be denied for operator requests; therefore, the disk pack can not be dismounted.**
	CAUSE	The front panel button used to spin down a disk pack is disabled.
	ACTION	None.

5	MESSAGE	A DEVICE UNLOCK was requested, but the device was not locked.
	CAUSE	Device reservation for exclusive access was removed unnecessarily.
	ACTION	None.
6	MESSAGE	DEVICE LOCK was requested, but the device was already locked by this host.
	CAUSE	Device reservation for exclusive access attempted, but it was already granted.
	ACTION	None.
7	MESSAGE	A bit in the CS80 Hardware status information field was set for which there is no value defined.
	CAUSE	Device returned an undefined Warning/Info status.
	ACTION	Call your support representative.
8	MESSAGE	The device missed a revolution during this transfer.
	CAUSE	Occurs normally on occasion.
	ACTION	None.
9	MESSAGE	The bit in the CS80 hardware status was set, which indicates that the logs on the device are full.
	CAUSE	Error logs in the device are full.
	ACTION	Call your support representative.
10	MESSAGE	The bit in the CS80 hardware status was set, which indicates that the data in this transfer was corrected by the device.
	CAUSE	Data was recovered with little difficulty.
	ACTION	None.

11	MESSAGE	The bit in the CS80 hardware status was set, which indicates that the data was corrected by the device with difficulty.
	CAUSE	Data was recovered, but sector should be spared.
	ACTION	Call your support representative.
12	MESSAGE	The bit in the CS80 Hardware status was set, which indicates that the data was corrected in more than one sector during this transfer. The sector number in the error log is of the first corrected one, only.
	CAUSE	Data was recovered, but sectors should be spared.
	ACTION	Call your support representative.
13	MESSAGE	The bit in the CS80 hardware status was set, indicating that a defective sector was AUTOMATICALLY SPARED by the device.
	CAUSE	Device performed automatic sparing. Data was recovered.
	ACTION	None.
14	MESSAGE	The bit in the CS80 hardware status was set, indicating that a LATENCY in the data transfer occurred.
	CAUSE	Additional rotation of spindle needed.
	ACTION	None.
15	MESSAGE	The bit in the CS80 hardware status was set, indicating that only one spare track remains on the disk.
	CAUSE	Excessive sparing has been necessary with this media.
	ACTION	Call your support representative.

16	MESSAGE	The bit in the CS80 hardware status was set, indicating that the device is requesting release to perform head alignment. The DEVICE MANAGER will grant.
	CAUSE	Automatic head alignment/diagnostics was performed.
	ACTION	None.
17	MESSAGE	The bit in the CS80 Hardware status was set, indicating that the diagnostic frontpanel was manipulated causing a REQUEST for RELEASE.
	CAUSE	User activated front panel diagnostics.
	ACTION	Verify by looking at front panel.
18	MESSAGE	The bit in the CS80 hardware status was set, indicating that the operator button was pushed, causing a REQUEST for RELEASE.
	CAUSE	User attempted to spin-down disk pack.
	ACTION	Either push button back in, or remove pack.
19	MESSAGE	An error occurred previously which caused the request to be RETRIED by the DEVICE MANAGER. The retry was SUCCESSFUL.
	CAUSE	I/O was retried.
	ACTION	None.
20	MESSAGE	The DOBIND was successful. However, the DEVICE ADAPTER MANAGER is of an incorrect revision.
	CAUSE	Software versioning problem.
	ACTION	Call your support representative.

21	MESSAGE	The DOBIND was successful. However, the initialization of hardware received a TIMEOUT.
	CAUSE	Device did not respond when initialization was attempted.
	ACTION	Depends if device is supposed to be powered on.
22	MESSAGE	The DOBIND was successful. However, the initialization of hardware received a DEVICE ERROR.
	CAUSE	Device responded with an initialization error.
	ACTION	Call your support representative.
191	MESSAGE	The subsystem number in the received message was incorrect, usually during configuration.
	CAUSE	Configuration problem.
	ACTION	Verify your configuration and call your support representative.
192	MESSAGE	A BIND request was received, but already was bound.
	CAUSE	Configuration problem.
	ACTION	Verify your configuration and call your support representative.
193	MESSAGE	Data received from LOOPBACK did not match original data.
	CAUSE	Hardware problem during loopback test.
	ACTION	Call your support representative.

194	MESSAGE	A request was received which requires the manager to be locked, but it is not locked.
	CAUSE	Diagnostics attempted destructive test on unreserved device.
	ACTION	Call your support representative.
195	MESSAGE	An UNBIND request was received to UNBIND from incorrect HIGHER MANAGER port number.
	CAUSE	Unconfiguration process problem.
	ACTION	Call your support representative.
196	MESSAGE	A DO_UNBIND request was received with the incorrect LOWER MANAGER port number.
	CAUSE	Unconfiguration process problem.
	ACTION	Call your support representative.
197	MESSAGE	The memory request to RELEASE MEMORY (during Die request processing) failed.
	CAUSE	System software response problem.
	ACTION	Take a system dump.
198	MESSAGE	An attempt to UNBIND failed due to pending I/Os from an external requester, or attempt to DO_UNBIND failed due to any pending I/Os for this manager.
	CAUSE	Unconfiguration inhibited as device busy.
	ACTION	Try again. If the error persists, call your support representative.

199	MESSAGE	Update of the BAD SECTOR TABLE (which lists all sectors which should be spared because the manager detected recoverable or unrecoverable read errors) failed.
	CAUSE	Hardware problem or power failure during Bad Sector Table update.
	ACTION	Call your support representative.
200	MESSAGE	BIND of this manager to the DEVICE ADAPTER MANAGER failed.
	CAUSE	Initialization of lower level (Device Adapter, etc.) failed.
	ACTION	Examine configuration file. Call your support representative.
201	MESSAGE	An attempt to acquire memory for auxiliary data area failed.
	CAUSE	System software resource exhausted.
	ACTION	Take a system dump.
202	MESSAGE	An attempt to acquire a message frame failed.
	CAUSE	System software resource exhausted.
	ACTION	Take a system dump.
203	MESSAGE	Bad parity detected in data transfer.
	CAUSE	Fiber-optic connected disk has bad parity over fiber link.
	ACTION	Call your support representative.
204	MESSAGE	User's buffer is incorrect for the request; either not present, nil pointer, or (for LOOPBACK only) not a virtual buffer.
	CAUSE	System problem.
	ACTION	Call your support representative.

205	MESSAGE	An attempt to spare a block resulted in unexpected data errors in the new block.
	CAUSE	Device verifies new sector during spare. Detected new sector was also bad.
	ACTION	Call your support representative and try sparing block once again.
206	MESSAGE	Request was cancelled by an abort.
	CAUSE	May have been caused by a power failure.
	ACTION	None.
207	MESSAGE	A TIMEOUT has occurred, indicating that the drive is not talking to the manager.
	CAUSE	Device was not responding.
	ACTION	Check device and cabling; may be due to a power failure.
208	MESSAGE	A request was made of the manager, but the manager is currently LOCKED by another higher manager (usually DIAGNOSTICS).
	CAUSE	Device accessed by diagnostics.
	ACTION	Terminate "sysdiag" session; try again.
209	MESSAGE	An internal table entry in this manager was inconsistent; couldn't get or release the table entry desired.
	CAUSE	Software problem.
	ACTION	Take a system dump. Call your support representative.

210	MESSAGE	**An attempt to release a MESSAGE FRAME failed.**
	CAUSE	System software problem.
	ACTION	Take a system dump. Call your support representative.
211	MESSAGE	**An attempt to SEND a message failed.**
	CAUSE	System software resource depleted.
	ACTION	Take a system dump. Call your support representative.
212	MESSAGE	**An error bit was set in the ACCESS field of the CS80 hardware status that is undefined.**
	CAUSE	CS80 device status returned invalid information.
	ACTION	Call your support representative.
213	MESSAGE	**Either an error bit in the FAULT field of the CS80 hardware status which is undefined was set, OR the DEVICE ADAPTER MANAGER returned LLIO_HW_PROBLEM status, OR Diagnostics previously set the DEVICE MANAGER state to BROKEN.**
	CAUSE	May be hardware problem.
	ACTION	Call your support representative.
214	MESSAGE	**An error bit in the REJECT field of the CS80 hardware status was set which is undefined.**
	CAUSE	CS80 device status returned invalid information.
	ACTION	Call your support representative.

215	MESSAGE	**An invalid unit number was returned in the CS80 hardware status.**
	CAUSE	CS80 device status returned invalid information.
	ACTION	Call your support representative.
216	MESSAGE	**An invalid QSTAT was returned in CS80 hardware status.**
	CAUSE	The QSTAT from device was not defined.
	ACTION	Call your support representative.
217	MESSAGE	**The DEVICE ADAPTER MANAGER returned a bad status in the status field of the DAM Reply message.**
	CAUSE	Problem in the device adapter level; could be due to a power failure.
	ACTION	Monitor the process.
218	MESSAGE	**Immediate status indicates link protocol or port event errors occur.**
	CAUSE	Fiber-optic connected disk interface problem. Could be due to a power failure.
	ACTION	If problem persists, call your support representative.
219	MESSAGE	**An incorrect META language was specified during configuration.**
	CAUSE	Configuration or software version incorrect.
	ACTION	Call your support representative.
220	MESSAGE	**An invalid hardware address was specified during configuration.**
	CAUSE	Configuration of device address incorrect or out of range.
	ACTION	Examine configuration files.

221	MESSAGE	The disk driver has an internal data structure error.
	CAUSE	Critical software resource problem.
	ACTION	Take a system dump. Call your support representative.
222	MESSAGE	The INTERNAL TABLE is inconsistent.
	CAUSE	Software problem.
	ACTION	Take a system dump. Call your support representative.
223	MESSAGE	The DEVICE MANAGER received a request which it could not understand OR is not currently supported.
	CAUSE	The application attempted an inappropriate action for the device.
	ACTION	Take a system dump and call your Hewlett-Packard Service Representative.
224	MESSAGE	A message was received which is inappropriate for the current DEVICE MANAGER state, (e.g., an I/O request prior to DOBIND).
	CAUSE	Software problem.
	ACTION	Call your support representative.
225	MESSAGE	The transaction was aborted due to SYSTEM POWERFAIL.
	CAUSE	Power failure occurred while transaction was active.
	ACTION	None.

226	MESSAGE	The CYCLIC REDUNDANCY CHECK of the data transaction failed.
	CAUSE	Transmission problem; possible cabling problem.
	ACTION	Verify cabling; call your support representative.
227	MESSAGE	The ALINK DEVICE ADAPTER is indicating the fiber-optic link is non-functional, possibly due to a power failure.
	CAUSE	Fiber-optic connected disk interface broken. Maybe due to power failure.
	ACTION	Monitor the process; if problem persists, call your support representative.
228	MESSAGE	The error bit in the CS80 hardware status was set, which indicates an attempt to access beyond the END OF VOLUME.
	CAUSE	Addressed block beyond volume range.
	ACTION	Should not occur with single volume devices. Call your support representative.
229	MESSAGE	The error bit in the CS80 hardware status was set, which indicates an attempt to access beyond an END OF FILE.
	CAUSE	A file mark was detected; should not occur on disks.
	ACTION	Call your support representative.
230	MESSAGE	The error bit in the CS80 hardware status was set, which indicates an UNRECOVERABLE DATA ERROR. The sector number is entered into the BAD SECTOR TABLE.
	CAUSE	Data was lost due to bad sectors.
	ACTION	Call your support representative.

231	MESSAGE	The error bit in the CS80 hardware status was set, which indicates more than one sector had UNRECOVERABLE DATA ERRORS. The first bad sector number is placed in the BAD SECTOR NUMBER.
	CAUSE	Data was lost due to bad sectors.
	ACTION	Call your support representative.
232	MESSAGE	The error bit in the CS80 hardware status was set, which indicates an attempt to read UNITIALIZED DATA.
	CAUSE	Data uninitialized at address location.
	ACTION	Call your support representative.
233	MESSAGE	The error bit in the CS80 hardware status was set, which indicates an attempt to write to a "READ ONLY" device.
	CAUSE	Device does not allow writes.
	ACTION	Verify the device is active. Call your support representative.
234	MESSAGE	The error bit in the CS80 hardware status was set, which indicates the heads are NOT LOADED as yet.
	CAUSE	A transient not ready condition existed.
	ACTION	Power on the device. Call your support representative.
235	MESSAGE	The error bit in the CS80 hardware status was set, which indicates an attempt to SPARE FAILED due to no more spare sectors available.
	CAUSE	Spare command failed.
	ACTION	Call your support representative.

236	MESSAGE	The error bit in the CS80 hardware status was set, which indicates an attempt to access UNFORMATTED MEDIA.
	CAUSE	Disk was not initialized.
	ACTION	Call your support representative.
237	MESSAGE	The error bit in the CS80 hardware status was set, which indicates that the CS80 protocol requested too many operations at one time.
	CAUSE	Software problem or cabling problem.
	ACTION	Call your support representative.
238	MESSAGE	The error bit in the CS80 hardware status was set, which indicates that the device requires the I/O to be tried again.
	CAUSE	Device required I/O; usually due to auto head alignment.
	ACTION	None.
239	MESSAGE	The error bit in the CS80 hardware was set, which indicates the device has had power re-applied or the heads have re-loaded.
	CAUSE	Device powered-on; head loaded.
	ACTION	None.
240	MESSAGE	The error bit in the CS80 hardware status was set, which indicates that the device needs to align its heads or run internal diagnostics (RELEASE REQUIRED).
	CAUSE	Device determined that automatic head alignment was required; performed same.
	ACTION	None.

241	MESSAGE	The error bit in the CS80 hardware status was set, which indicates that the diagnostic frontpanel on the device was accessed (RELEASE REQUIRED).
	CAUSE	Device allowed front-panel diagnostics to be executed.
	ACTION	Determine if front panel was accessed.
242	MESSAGE	The error bit in the hardware status was set, which indicates that the operator unload button was pushed (RELEASE REQUIRED).
	CAUSE	Device allowed the operator to spin-down pack.
	ACTION	Either push button back in, or remove pack.
243	MESSAGE	The error bit in the hardware status was set, which indicates a HARDWARE FAULT detected by internal diagnostics.
	CAUSE	Device diagnostics detected hardware problem.
	ACTION	Call your support representative.
244	MESSAGE	The error bit in the CS80 hardware status is set, which indicates that a HARDWARE FAULT occurred in the addressed unit of the device.
	CAUSE	Could be hardware problem, or a transient problem due to power-on.
	ACTION	Call your support representative.
245	MESSAGE	The error bit in the CS80 hardware status was set, which indicates that a HARDWARE FAULT occurred in the device controller.
	CAUSE	Device hardware problem.
	ACTION	Call your support representative.

246	MESSAGE	The error bit in the CS80 hardware status was set, which indicates that an error occurred during a transfer of data between 2 units in the device (COPY DATA CS80 Command only).
	CAUSE	This should never occur as this feature is not supported.
	ACTION	Call your support representative.
247	MESSAGE	The error bit in the CS80 hardware status was set, which indicates the execution phase length is not as expected. A REJECT error occurred; could be cabling.
	CAUSE	CS80 transaction was incorrect; could be cabling.
	ACTION	Verify that cabling is correct and call your support representative.
248	MESSAGE	The error bit in the CS80 hardware status was set, which indicates that the CS80 Command bytes were out-of-sequence. A REJECT error occurred; could be cabling.
	CAUSE	CS80 transaction was incorrect; could be cabling.
	ACTION	Verify that cabling is correct and call your support representative.
249	MESSAGE	The error bit in the CS80 hardware status was set, which indicates that the parameter field of the CS80 Command is invalid. A REJECT error occurred; could be cabling.
	CAUSE	CS80 transaction was incorrect.
	ACTION	Verify that cabling is correct and call your support representative.

250	MESSAGE	The error bit in the CS80 hardware status was set, which indicates that the value in the PARAMETERS of the CS80 Command is too large. A REJECT error occurred; could be cabling.
	CAUSE	CS80 transaction was incorrect.
	ACTION	Verify that cabling is correct and call your support representative.
251	MESSAGE	The error bit in the CS80 hardware status is set, which indicates that the value in the ADDRESS field in the CS80 Command is illegal. A REJECT error occurred; could be cabling.
	CAUSE	CS80 transaction was incorrect. The medium address range was exceeded.
	ACTION	Verify that cabling is correct and call your support representative.
252	MESSAGE	The error bit was set in the CS80 hardware status was set, which indicates that CS80 Command Volume or Unit is illegal. A REJECT error occurred; could be cabling.
	CAUSE	CS80 protocol was incorrect. The device address range was exceeded.
	ACTION	Verify that cabling is correct and call your support representative.
253	MESSAGE	The error bit in the CS80 hardware status was set, which indicates that the OPCODE of the CS80 Command bytes is invalid. A REJECT error occurred; could be cabling.
	CAUSE	CS80 command bytes could be invalid.
	ACTION	Verify that cabling is correct and call your support representative.

254	MESSAGE	The error bit in the CS80 hardware status is set, which indicates the PARITY of the CS80 Command bytes is bad. A REJECT error occurred; could be cabling.
	CAUSE	The device detected a parity error.
	ACTION	Verify that cabling is correct and call your support representative.
255	MESSAGE	Immediate status returned, indicating the HOST targeted for this I/O did not respond.
	CAUSE	Fiber-optic disk detected lack of host communication.
	ACTION	Verify connection and try again. If problem persists, call your support representative.

5

DS/3000

(DSERR)

201	MESSAGE	REMOTE DID NOT RESPOND WITH THE CORRECT REMOTE ID. (DSERR 201)
202	MESSAGE	SPECIFIED PHONE NUMBER IS INVALID. (DSERR 202)
203	MESSAGE	REMOTE ABORT/RESUME NOT VALID WHEN DOING PROGRAM-TO-PROGRAM COMMUNICATION. USE LOCAL ABORT/RESUME. (DSWARN 203)
204	MESSAGE	UNABLE TO ALLOCATE AN EXTRA DATA SEGMENT FOR DS/3000. (DSERR 204)
205	MESSAGE	UNABLE TO EXPAND THE DS/3000 EXTRA DATA SEGMENT. (DSERR 205)
206	MESSAGE	SLAVE PTOP FUNCTION ISSUED FROM A MASTER PROGRAM. (DSERR 206)
207	MESSAGE	SLAVE PTOP FUNCTION OUT OF SEQUENCE. (DSERR 207)
208	MESSAGE	MASTER PTOP FUNCTION ISSUED BY A SLAVE PROGRAM. (DSERR 208)
209	MESSAGE	SLAVE PROGRAM DOES NOT EXIST OR IS NOT PROGRAM FILE. (DSERR 209)

210	MESSAGE	WARNING -- INVALID MAXDATA OR DLSIZE FOR A SLAVE PROGRAM. SYSTEM DEFAULTS ARE IN EFFECT. (DSWARN 210)
211	MESSAGE	SLAVE ISSUED A REJECT TO A MASTER PTOP OPERATION. (DSWARN 211)
212	MESSAGE	FILE NUMBER FROM IOWAIT NOT A DS LINE NUMBER. (DSWARN 212)
213	MESSAGE	EXCLUSIVE USE OF A DS LINE REQUIRES BOTH ND AND CS CAPABILITY. (DSERR 213)
214	MESSAGE	DS LINE WAS NOT OPENED WITH A USER :DSLINE COMMAND. (DSERR 214)
215	MESSAGE	DSLINE CANNOT BE ISSUED BACK TO THE MASTER COMPUTER. (DSERR 215)
216	MESSAGE	MESSAGE REJECTED BY THE REMOTE COMPUTER. (DSERR 216)
217	MESSAGE	INSUFFICIENT AMOUNT OF USER STACK AVAILABLE. (DSERR 217)
218	MESSAGE	INVALID PTOP FUNCTION REQUESTED. (DSERR 218
219	MESSAGE	MULTIPLE POPEN. ONLY ONE MASTER PTOP OPERATION CAN BE ACTIVE ON A DS LINE. (DSERR 219)
220	MESSAGE	PROGRAM EXECUTING GET WAS NOT CREATED BY POPEN. (DSERR 220)
221	MESSAGE	INVALID DS MESSAGE FORMAT. INTERNAL DS ERROR. (DSERR 221)

222	MESSAGE	MASTER PTOP FUNCTION ISSUED PRIOR TO A POPEN. (DSERR 222)
223	MESSAGE	REQUEST TO SEND MORE DATA THAN SPECIFIED IN POPEN. (DSERR 223)
224	MESSAGE	FILE EQUATIONS FOR A REMOTE FILE CONSTITUTE A LOOP. (DSERR 224)
225	MESSAGE	CANNOT ISSUE POPEN TO A SLAVE SESSION IN BREAK MODE. (DSERR 225)
226	MESSAGE	SLAVE PROGRAM HAS TERMINATED BEFORE EXECUTING "GET". (DSERR 226)
227	MESSAGE	REMOTE HELLO MUST BE DONE TO INITIATE REMOTE SESSION. (DSERR 227)
228	MESSAGE	EXCEEDED MAXIMUM NUMBER OF VIRTUAL CHANNELS PER JOB. (DSERR 228)
229	MESSAGE	TOO MANY DSUSERS ON THE SYSTEM. CANNOT OBTAIN A VIRTUAL PROCESS. (DSERR 229)
231	MESSAGE	INVALID FACILITY IN CONNECTION REQUEST. (DSERR 231)
232	MESSAGE	THE REMOTE COMPUTER IS NOT OBTAINABLE. (DSERR 232)
233	MESSAGE	VIRTUAL CIRCUIT IS NOT AVAILABLE. (DSERR 233)
234	MESSAGE	QUEUEING IS REQUIRED TO COMPLETE THE REQUEST. (DSERR 234)

235	MESSAGE	DS MESSAGE SEQUENCING ERROR. (DSERR 235)
236	MESSAGE	COMMUNICATIONS HARDWARE HAS DETECTED AN ERROR. (DSERR 236)
237	MESSAGE	CANNOT CURRENTLY GAIN ACCESS TO THE TRACE FILE. (DSERR 237)
238	MESSAGE	COMMUNICATIONS INTERFACE ERROR. INTERNAL FAILURE. (DSERR 238)
239	MESSAGE	COMMUNICATIONS INTERFACE ERROR. TRACE MALFUNCTION. (DSERR 239)
240	MESSAGE	LOCAL COMMUNICATION LINE WAS NOT OPENED BY OPERATOR. (DSERR 240)
241	MESSAGE	DS LINE IN USE EXCLUSIVELY OR BY ANOTHER SUBSYSTEM. (DSERR 241)
242	MESSAGE	INTERNAL DS SOFTWARE ERROR ENCOUNTERED. (DSERR 242)
243	MESSAGE	REMOTE OR PDN IS NOT RESPONDING. (DSERR 243)
244	MESSAGE	COMMUNICATIONS INTERFACE ERROR. LINE RESET OCCURRED. (DSERR 244)
245	MESSAGE	COMMUNICATIONS INTERFACE ERROR. RECEIVE TIMEOUT. (DSERR 245)
246	MESSAGE	COMMUNICATIONS INTERFACE ERROR. REMOTE DISCONNECTED. (DSERR 246)

247	MESSAGE	COMMUNICATIONS INTERFACE ERROR. LOCAL TIME OUT. (DSERR 247)
248	MESSAGE	COMMUNICATIONS INTERFACE ERROR. CONNECT TIME OUT. (DSERR 248)
249	MESSAGE	COMMUNICATIONS INTERFACE ERROR. REMOTE REJECTED CONNECTION. (DSERR 249)
250	MESSAGE	COMMUNICATIONS INTERFACE ERROR. CARRIER LOST. (DSERR 250)
251	MESSAGE	COMMUNICATIONS INTERFACE ERROR. LOCAL DATA SET FOR THE DS LINE WENT NOT READY. (DSERR 251)
252	MESSAGE	COMMUNICATIONS INTERFACE ERROR. HARDWARE FAILURE. (DSERR 252)
253	MESSAGE	COMMUNICATIONS INTERFACE ERROR. NEGATIVE RESPONSE TO THE DIAL REQUEST BY THE OPERATOR. (DSERR 253)
254	MESSAGE	COMMUNICATIONS INTERFACE ERROR. INVALID I/O CONFIGURATION. (DSERR 254)
255	MESSAGE	COMMUNICATIONS INTERFACE ERROR. UNANTICIPATED CONDITION. (DSERR 255)
257	MESSAGE	DATA TRANSFER COUNT TOO LARGE. (DSERR 257)
620	MESSAGE	NO ENVIRONMENT FOR !. (DSERR 620)

622	MESSAGE	ENVIRONMENT TABLE IS FULL. (DSERR 622)
623	MESSAGE	NO DEFAULT ENVIRONMENT SET BY A :DSLINE OR :REMOTE. (DSERR 623)
624	MESSAGE	NO ENVIRONMENT FOR #!. (DSERR 624)
625	MESSAGE	ACTIVE SERVICES FOR !; CLOSE IGNORED. (DSERR 625)
626	MESSAGE	TRACE FILE ! ALREADY EXISTS; TRACE FILE MUST BE NEW. (DSERR 626)
627	MESSAGE	CANNOT OPEN TRACE FILE !. (DSERR 627)
628	MESSAGE	CANNOT CLOSE TRACE FILE !. (DSERR 628)
629	MESSAGE	CANNOT OBTAIN DATA SEGMENT FOR ENVIRONMENT TABLE. (DSERR 629)
630	MESSAGE	CANNOT CHANGE NODE NAME FROM ! WHILE ACTIVE SERVICES. (DSERR 630)
631	MESSAGE	INVALID ENVIRONMENT ID OR NODE NAME LENGTH. (DSERR 631)
632	MESSAGE	ID OR NODE IN ! DOES NOT BEGIN WITH AN ALPHA. (DSERR 632)
633	MESSAGE	ID OR NODE IN ! IS GREATER THAN 16 CHARACTERS. (DSERR 633)

634	MESSAGE	ID OR NODE IN ! CONTAINS A NONALPHANUMERIC CHARACTER. (DSERR 634)
635	MESSAGE	EXPECTED A DOMAIN AFTER THE NODE OR ID IN !. (DSERR 635)
636	MESSAGE	DOMAIN IN ! DOES NOT BEGIN WITH AN ALPHA. (DSERR 636)
637	MESSAGE	DOMAIN IN ! IS GREATER THAN 16 CHARACTERS. (DSERR 637)
638	MESSAGE	DOMAIN IN ! CONTAINS A NONALPHANUMERIC CHARACTER. (DSERR 638)
639	MESSAGE	EXPECTED ORGANIZATION AFTER DOMAIN IN !. (DSERR 639)
640	MESSAGE	ORGANIZATION IN ! DOES NOT BEGIN WITH AN ALPHA. (DSERR 640)
641	MESSAGE	ORGANIZATION IN ! IS GREATER THAN 16 CHARACTERS. (DSERR 641)
642	MESSAGE	ORGANIZATION IN ! CONTAINS A NONALPHANUMERIC CHARACTER. (DSERR 642)
643	MESSAGE	TOO MANY HIERARCHY LEVELS IN !; EXPECTED NAME.DOMAIN.ORG (DSERR 643)
644	MESSAGE	TRANSPORT NOT INITIALIZED. (DSERR 644)
645	MESSAGE	UNKNOWN NODE !. (DSERR 645)

646	MESSAGE	! IS NOT A NODE NAME OR DS LOGICAL DEVICE. (DSERR 646)
647	MESSAGE	ALREADY LOGGED ON AS !. (DSERR 647)
648	MESSAGE	PATH CACHE IS FULL. (DSERR 648)
649	MESSAGE	IP->802.3 MAPPING TABLE IS FULL. (DSERR 649)
651	MESSAGE	SERVICE ! NOT STARTED. (DSERR 651)
652	MESSAGE	SERVICE ! ALREADY STARTED. (DSERR 652)
653	MESSAGE	SERVICE ! NOT STOPPED. (DSERR 653)
654	MESSAGE	SERVICE ! ALREADY STOPPED. (DSERR 654)
655	MESSAGE	UNKNOWN SERVICE !. (DSERR 655)
656	MESSAGE	UNKNOWN SERVER !. (DSERR 656)
657	MESSAGE	SERVER ! DOES NOT SUPPORT DEBUG. (DSERR 657)
658	MESSAGE	PROCESS ! NOT A SERVER. (DSERR 658)
659	MESSAGE	MINIMUM SERVER NUMBER > MAXIMUM SERVER NUMBER FOR !. (DSERR 659)
660	MESSAGE	TOTAL MINIMUM SERVERS > MINIMUM PROCESS LIMIT OF !. (DSERR 660)

661	MESSAGE	MISSING DADCONF.NET.SYS CONFIGURATION FILE. (DSERR 661)
662	MESSAGE	INVALID DADCONF.NET.SYS CONFIGURATION FILE. (DSERR 662)
663	MESSAGE	SERVICE ! DOES NOT SUPPORT AUTOLOGON. (DSERR 663)
698	MESSAGE	INSUFFICIENT STACK SPACE. (DSERR 698)
699	MESSAGE	INSUFFICIENT SYSTEM RESOURCES. (DSERR 699)

6

Directory Subsystem

Subsystem 518

This section presents error messages for the Directory Subsystem.

-1	MESSAGE	`no file`
	CAUSE	The last name component of the pathname does not exist in the directory. For example: While traversing the pathname "/A/B/F", if "F" did not exist, then HPDIR_STATUS_NOFILE is generated.
	ACTION	Reference an existing file.
-2	MESSAGE	`missing component`
	CAUSE	The entry does not exist. A name component of a pathname does not exist in the directory. For example: While traversing the pathname "/A/B/F", if "B" did not exist, then HPDIR_STATUS_NOENT is generated.
	ACTION	Reference an existing file.
-3	MESSAGE	`not a directory`
	CAUSE	A component of a pathname is not a directory object. For example: "/dir1/notadir/file" "notadir" is not a directory object.
	ACTION	Reference an existing file.
-4	MESSAGE	`already exists`
	CAUSE	An entry already exists in the directory (duplicate name). Trying to insert a name into the directory but the name is already in the directory.
	ACTION	Choose another name.

-5	MESSAGE	not empty
	CAUSE	The directory is not empty. Trying to purge a directory which contain directory entries other than "." (dot) and ".." (dotdot).
	ACTION	Delete all directory entries prior to deleting the directory.
-6	MESSAGE	permission denied
	CAUSE	Operation denied because of implementation. Trying to insert/purge "." or ".." into/from the directory, or trying to purge an MPEXL node group/account/root.
	ACTION	The requested operation is not permitted.
-7	MESSAGE	get name failed
	CAUSE	Could not get a name component from the pathname. This may happen if in hpdir_get_next_component routine we trap, whoever called us did not probe the pathname for read or the path is not NULL terminated.
	ACTION	Ensure access to the parameter memory.
-8	MESSAGE	not allowed on directories
	CAUSE	The argument point to a directory object. Trying to purge/unlink a file, but the path is pointing to a directory object (root, account, group or hpdir). For example: '/dir1/dir2/dir3': can't unlink dir3 if it is a directory object. To purge a directory object the caller should call HPDIR_PURGE_DIR interface.

-9	MESSAGE	`xm start failed`
	CAUSE	An error happened while trying to start a system transaction. XM_START_SYSTEM_TRANS
	ACTION	Internal error. Please report this error to HP.
-10	MESSAGE	`xm end failed`
	CAUSE	An error happened while trying to end a system transaction. XM_END_SYSTEM_TRANS
	ACTION	Internal error. Please report this error to HP.
-11	MESSAGE	`xm attach failed`
	CAUSE	An error happened while trying to attach a directory to XM. XM_ATTACHUFID
	ACTION	Internal error. Please report this error to HP.
-12	MESSAGE	`non-existent account`
	CAUSE	For disk space accounting: the account name was not found.
	ACTION	Refer to an existing object.
-13	MESSAGE	`non-existent group`
	CAUSE	For accounting: the group name was not found
	ACTION	Refer to an existing object.
-14	MESSAGE	`over account disk space limit`
	CAUSE	For disc space accounting: the account disk free space limit will be exceeded if the object is inserted into the directory. The operation of insert will fail.
	ACTION	Ensure adequate available space prior to insertion operations.

-15	MESSAGE	**over group disk space limit**
	CAUSE	For disk space accounting: the group disk free space limit will be exceeded if the object is inserted into the directory. The operation of insert will fail.
	ACTION	Ensure adequate available space prior to insertion operations.
-16	MESSAGE	**sm error**
	CAUSE	Storage manager error, sm_open, sm_map_in, sm_close, ...
	ACTION	Internal error. Please report this error to HP.
-17	MESSAGE	**could not get cwd plfd**
	CAUSE	We could not get the CWD PLFD pointer, file is closed.
	ACTION	Use chdir() to set the CWD to a valid directory.
-18	MESSAGE	**invalid cwd file**
	CAUSE	The CWD file descriptor is not a directory object user MUST do chdir with an absolute pathname to recover the CWD.
	ACTION	Use chdir() to set the CWD to a valid directory.
-19	MESSAGE	**access error**
	CAUSE	Security Internal Error returned from the FS_SEC_ACCESS routine
	ACTION	Ensure access to the referenced object.
-20	MESSAGE	**no TD access**
	CAUSE	The user/process does not have Traverse Directory (TD) permission on a component directory of a pathname.
	ACTION	Ensure access to the referenced object.

-21	MESSAGE	no CD access
	CAUSE	The user/process does not have Create Directory Entry (CD) permission on the parent directory of the pathname. This is returned when the caller is performing a directory insertion operation.
	ACTION	Ensure access to the referenced object.
-22	MESSAGE	no DD access
	CAUSE	The user/process does not have Delete Directory Entry (DD) permission on the parent directory of the pathname. This is returned when the caller is performing a directory deletion operation.
	ACTION	Ensure access to the referenced object.
-23	MESSAGE	no RD access
	CAUSE	The user/process does not have Read Directory Entry (RD) permission on the parent directory of the pathname. This is returned when the caller is getting the CWD pathname or when getting the full pathname of an opened file.
	ACTION	Ensure access to the referenced object.
-24	MESSAGE	no such account on volume set
	CAUSE	An account name was not found on a user volume.
	ACTION	Refer to an existing object.
-25	MESSAGE	no such group on volume set
	CAUSE	A group name was not found on a user volume.
	ACTION	Refer to an existing object.

-26	MESSAGE	`error closing cwd`
	CAUSE	Could not close the CWD file when performing chdir.
	ACTION	Internal error. Please report this error to HP.
-27	MESSAGE	`name too long`
	CAUSE	Not enough space in the user buffer to return the CWD.
	ACTION	Supply a larger buffer.
-28	MESSAGE	`missing .. entry`
	CAUSE	The dotdot ".." entry was not found in HPDIR_GET_FULL_NAME.
	ACTION	Internal error. Please report this error to HP.
-29	MESSAGE	`move name failed`
	CAUSE	Moving a name from the directory entry to a buffer failed.
	ACTION	Internal error. Please report this error to HP.
-30	MESSAGE	`no such volume set`
	CAUSE	The root of the file system could not be found; VLM_VS_NAME_TO_ROOT_UFID: failed
	ACTION	Internal error. Please report this error to HP.
-31	MESSAGE	`out of space`
	CAUSE	No disk space left to add directory entries. Disk is FULL.
	ACTION	Free up disk space to allow insertion of new entries in the directory.

-32	MESSAGE	**internal error**
	CAUSE	Directory internal error. Either an internal format corruption or we have some new functionality but have not synchronized the code correctly.
	ACTION	Internal error. Please report this error to HP.
-33	MESSAGE	**could not update the label**
	CAUSE	The operation of updating the label of an object failed.
	ACTION	Internal error. Please report this error to HP.
-34	MESSAGE	**empty pathname**
	CAUSE	The path passed is empty. First character is a terminator.
	ACTION	Supply a valid pathname.
-35	MESSAGE	**illegal MPE name**
	CAUSE	Trying to find/insert/purge a name in/from an MPE structure but the name-length exceeds 16 characters.
	ACTION	Ensure that names inserted into root, account, and group directories do not exceed 16 characters.
-36	MESSAGE	**not an MPE directory**
	CAUSE	The file-type was an MPE-directory, but the record is either a user node or something else.
	ACTION	Reference a valid directory object.

-37	MESSAGE	`bd entry type`
	CAUSE	Trying to insert an entry which is not a file or a directory into an MPE directory object.
	ACTION	Internal error. Please report this error to HP.
-38	MESSAGE	`move file failed`
	CAUSE	We got an error from FS_MOVE_FILE. We should not get any error from there when doing a hpdir_chdir function.
	ACTION	Internal error. Please report this error to HP.
-39	MESSAGE	`exceeded max links`
	CAUSE	No more links to the file could be established either because the dirc_link_cnt or the hd_link_count will exceeds the max.
	ACTION	Delete some of the links to the file.
-40	MESSAGE	`unknown version`
	CAUSE	The version number in the directory file does not match the version of the directory code. This returned in HPDIR_LOW_FIND_NAME.
	ACTION	Internal error. Please report this error to HP.
-41	MESSAGE	`could not get process info`
	CAUSE	The routine HPDIR_GET_PROCESS_INFO could not get the information. JSINFO failed. The caller either passed in an invalid PIN number, or some internal JSINFO error happened.
	ACTION	Internal error. Please report this error to HP.

-42	MESSAGE	Read-ONLY volume
	CAUSE	The caller is trying to perform directory purge/insert operation on a READ-ONLY volume.
	ACTION	READ-ONLY volumes may not be modified.
-56	MESSAGE	Inserting a directory entry failed due to the system's directory limit.
	CAUSE	Same as above.
	ACTION	Purge some files from the system or increase the directory limit.

7

Directory Traversal Subsystem

(Subsystem 519)

This section presents the error messages for the Directory Traversal Subsystem (519).

1	MESSAGE	`Undefined error.`
	CAUSE	An error occurred that is not translated by the DIRT subsystem.
	ACTION	Set break point at DIRT.HANDLE_ERROR and look at the stack trace to see which subsystem is generating the error in the first place.
31	MESSAGE	`DIRT cannot go beyond PX_MAX_LEVEL (PX_PATH_MAX div 2) levels. The levels are counted from / and CWD depending on whether the path_ptr^ is absolute of relative path name.`
	CAUSE	DIRT's internal limitation due to using arrays of fixed size.
	ACTION	Either you can continue traversing at least other directories that are not that deep (error function returns TRUE) or you can change the CWD to a lower level directory and continue search from there.

32	MESSAGE	DIRT cannot return a filename longer than PX_PATH_MAX bytes.
	CAUSE	During the traversal of the directory, DIRT encountered a file whose pathname would exceed PX_PATH_MAX bytes.
	ACTION	Either you can skip this name (error function returns TRUE) or you can change the CWD to a lower level directory and continue search from there.
33	MESSAGE	Path_ptr^ contains a name in MPE structure but name length exceeds 16 characters.
	CAUSE	Names directly under /, MPE account, MPE group cannot exceed 16 characters.
	ACTION	Pass a correct path_ptr^.
61	MESSAGE	Error during HPDIRREAD.
	CAUSE	DIRT called HPDIRREAD and encountered unexpected error.
	ACTION	Set a break point at DIRT.HANDLE_ERROR and look at the stack trace to see what error is being generated by HPDIRREAD.
91	MESSAGE	Undefined error while using directory services.
	CAUSE	DIRT called some directory services and encountered unexpected error.
	ACTION	Set a break point at DIRT.HANDLE_ERROR and look at the stack trace to see what error is being generated by directory services.
92	MESSAGE	A component of the path does not exist.
	CAUSE	A component of the path_ptr^ does not exist.
	ACTION	Check the path_ptr^ and try again.

93	MESSAGE	**A component of the path is not a directory.**
	CAUSE	A component of the path_ptr^ exists but is not a directory.
	ACTION	Check the path_ptr^ and try again.
94	MESSAGE	**User lacks TD access.**
	CAUSE	User lacks TD access on a directory in the path.
	ACTION	Either give user the TD access or tell user about the security violation.
95	MESSAGE	**The last component of the path does not exist.**
	CAUSE	The last component of the path_ptr^ does not exist.
	ACTION	Check the path_ptr^ and try again.
96	MESSAGE	**Internal security error.**
	CAUSE	Unknown. DIRT was using some security service while the error occurred.
	ACTION	Set a break point at DIRT.HANDLE_ERROR and look at the stack trace to see what error is being generated by security.
121	MESSAGE	**Error while calling HPFOPEN.**
	CAUSE	Unknown. DIRT was calling HPFOPEN when the error occurred.
	ACTION	Set a break point at DIRT.HANDLE_ERROR and look at the stack trace to see what error is being generated by HPFOPEN.

122	MESSAGE	Security violation during HPFOPEN, failed to open a directory.
	CAUSE	User lacks appropriate access to HPFOPEN the directory.
	ACTION	Check if the user has RD access on the directory.
123	MESSAGE	Too many file already open, failed to open a directory.
	CAUSE	The user has too many files already open.
	ACTION	Close the files/directories opened prior to calling DIRT. It is also possible that there are too many directories being opened by DIRT itself. In such a case change CWD to a lower level and try again.
124	MESSAGE	The directory has been opened exclusively by someone else.
	CAUSE	DIRT is trying to HPFOPEN a directory that is opened exclusively by someone else.
	ACTION	Wait for the other process to close the directory or skip this directory by error function returning TRUE.
125	MESSAGE	The UFID of the directory is a bad one.
	CAUSE	It is possible that there is directory corruption. Also, it is possible that the directory has been purged by someone else in a small time window (not a bug - just that state of the dir has changed).
	ACTION	If it is the first reason, run FSCHECK to see if everything is ok. If it is the second reason, don't worry and just skip this directory.

156	MESSAGE	**The filter supplied to DIRT is not correct.**
	CAUSE	The filter_ptr^ is not correct syntactically.
	ACTION	Check the filter_ptr^ and try again.
157	MESSAGE	**The path supplied to DIRT is not correct. \CAUSE** The path_ptr^ is not correct syntactically.
	ACTION	Check the path_ptr^ and try again.
161	MESSAGE	**Error occurred while calling Genfxlate.**
	CAUSE	Error occurred while calling Genfxlate.
	ACTION	Check the MPE syntax path_ptr^ and try again.
162	MESSAGE	**Genfxlate found group component of name doesn't exist or is a dir.**
	CAUSE	MPE syntax path_ptr^ has a non-existent group or is a directory.
	ACTION	Check the MPE syntax path_ptr^ and try again.
163	MESSAGE	**Genfxlate found account component of name doesn't exist or is a dir.**
	CAUSE	MPE syntax path_ptr^ has a non-existent account or is a directory.
	ACTION	Check the MPE syntax path_ptr^ and try again.

8

FCOPY

FCOPY displays three types of messages: error messages, warning messages, and status messages.

- Error messages terminate an FCOPY command during a session or the FCOPY subsystem during a job.
- Warning messages do not terminate FCOPY, but during a job, they set the job control word (JCW) to **WARN**.
- Status messages supply you with information while FCOPY is copying a file.

Display During Sessions

During a session, FCOPY displays messages and their reference numbers on your terminal. For example:

```
*54* SYNTAX ERROR: UNKNOWN OPTION
```

If the error involves a file, FCOPY asks you whether you want to display the file information. For example, if you try to copy a nonexistent file named **THISFILE** to a file named **THATFILE**, FCOPY displays the following message:

```
*105* CANNOT OPEN FROMFILE
DISPLAY FILE INFORMATION (Y OR N)?
```

Answer "yes" by pressing **Y** and then Return, or answer "no" by pressing **N** and Return. If you answer "yes", FCOPY displays the corresponding file system error message and file information. In the example above, the following display appears:

```
NONEXISTENT PERMANENT FILE (FSERR 52)
+-F-I-L-E---I-N-F-O-R-M-A-T-I-O-N---D-I-S-P-L-A-Y+
!                                                 !
!    ERROR NUMBER:     52 RESIDUE: 0              !
!    BLOCK NUMBER:     0     NUMREC: 0            !
+-------------------------------------------------+
```

Refer to the *MPE V Intrinsics Reference Manual (32033-90007)* or *MPE/iX Intrinsics Reference Manual (32650-90028)* for a complete description of the file information display.

Display During Jobs

During a job, FCOPY displays warning and error messages on the standard listing device. It does not give you the option of displaying file information. When FCOPY encounters a potential problem with a file, it assumes that the command was submitted as you intended and attempts to perform the requested operation.

Types of Messages

This appendix lists, in numeric order, all FCOPY messages, their causes, and the actions you should take to correct them.

Three types of messages may be received: error, warning, and status messages.

- Errors encountered during a job stream cause FCOPY to terminate. However, only the command is terminated if the errors occur during a session.
- Warnings do not cause an FCOPY command to terminate. In a job, they set the JCW to **WARN**.
- Status messages do not indicate errors, but simply provide information about what is happening during the copying operation.

The following table lists the FCOPY error, warning, and status messages in numerical order, along with a brief definition of each message and the recommended corrective action, where applicable.

Error, Warning, and Status Messages

These are the messages you are likely to encounter when you use the FCOPY subsystem.

Note

In the text,

```
*  indicates a WARNING message
** indicates a STATUS message
```

MESSAGE	< CONTROL Y >
CAUSE	Acknowledges receipt of a CTRL Y entered during a session.
ACTION	None.

	MESSAGE	READ ERROR FROM COMMAND INPUTFILE
	CAUSE	An error occurred while reading an FCOPY command from $STDIN.
	ACTION	In a job: re-submit the job. In a session: re-enter the command.
	MESSAGE	WRITE ERROR TO COMMAND LISTFILE
	CAUSE	An error occurred while writing an FCOPY message to $STDLIST.
	ACTION	It is likely that nothing serious occurred and all FCOPY operations were performed successfully. To make sure, however, do the following: In a job: re-submit the job. In a session: re-enter the most recent FCOPY command.
	MESSAGE	SYNTAX ERROR: EOF FOUND IN COMMAND FILE, MISSING EXIT COMMAND
	CAUSE	The command input file did not contain an EXIT command.
	ACTION	Correct the input file.
3	MESSAGE	SYNTAX ERROR: IN SUBSET OPTION
	CAUSE	The SUBSET function was not specified properly.
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.

4	MESSAGE	SYNTAX ERROR: IN TITLE OPTION
	CAUSE	The TITLE option of the DISPLAY function was not specified properly.
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.
5	MESSAGE	SYNTAX ERROR: IN IGNERR OPTION
	CAUSE	The "ignore errors" function is not specified properly.
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.
6	MESSAGE	SYNTAX ERROR: IN VERIFY OPTION
	CAUSE	The "verify" function was not specified properly.
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.
7	MESSAGE	SYNTAX ERROR: IN SKIPEOF OPTION
	CAUSE	The "skip end-of-file" function was not specified properly.
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.
8	MESSAGE	SYNTAX ERROR: IN COMPARE OPTION
	CAUSE	The "compare" function was not specified properly.
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.

9	MESSAGE	SYNTAX ERROR: IN NEW OPTION
	CAUSE	The "new file" function was not specified properly.
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.
10	MESSAGE	SYNTAX ERROR: IN HEX OPTION
	CAUSE	The hexadecimal display function was not specified.
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.
11	MESSAGE	SYNTAX ERROR: IN EBCDICOUT OPTION
	CAUSE	The EBDICOUT character translation function was not specified properly.
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.
12	MESSAGE	SYNTAX ERROR: IN CHAR OPTION
	CAUSE	The "display character" function was not specified properly.
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.
13	MESSAGE	SYNTAX ERROR: IN OCTAL OPTION
	CAUSE	The "display octal" function was not specified properly.
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.

14	MESSAGE	SYNTAX ERROR: IN UPSHIFT OPTION
	CAUSE	The "upshift" function was not specified properly.
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.
15	MESSAGE	SYNTAX ERROR: IN BCDICIN OPTION
	CAUSE	The BCDICIN character translation function was not specified properly.
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.
16	MESSAGE	SYNTAX ERROR: IN NORECNUM OPTION
	CAUSE	The NORECNUM option of the display function was not specified properly.
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.
17	MESSAGE	SYNTAX ERROR: IN EBCDICIN OPTION
	CAUSE	The EBCDICIN character translation function was not specified properly.
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.
18	MESSAGE	SYNTAX ERROR: IN BCDICOUT OPTION
	CAUSE	The BCDICOUT character translation function was not specified properly
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.

19	MESSAGE	SYNTAX ERROR: INVALID FORM OF EXIT COMMAND
	CAUSE	The EXIT command was not specified properly.
	ACTION	None. FCOPY terminates.
51	MESSAGE	SYNTAX ERROR: IN QUOTED STRING
	CAUSE	The *characterstring* specified for the SUBSET function is not valid.
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.
52	MESSAGE	SYNTAX ERROR: IN BIT PATTERN
	CAUSE	The *patternlist* specified for the SUBSET function is not valid.
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.
53	MESSAGE	SYNTAX ERROR: INVALID INTEGER
	CAUSE	An integer specified in the command is outside the range allowed for the particular COPY function.
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.

54	MESSAGE	SYNTAX ERROR; UNKNOWN OPTION
	CAUSE	One of the specified functions was unrecognizable, or the command passed with the **INFO** parameter of the **RUN** command had more than 70 characters between semicolons.
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.
55	MESSAGE	SYNTAX ERROR: IN FROMFILE SPECIFIER
	CAUSE	The *fromfile* was not specified properly.
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.
56	MESSAGE	SYNTAX ERROR: IN TOFILE SPECIFIER
	CAUSE	The *tofile* was not specified properly.
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.
57	MESSAGE	SYNTAX ERROR: ILLEGAL COMBINATION OF OPTIONS
	CAUSE	Two or more "functionlist" entries conflict with one another.
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.

58	MESSAGE	SYNTAX ERROR: FROMFILE AND TOFILE NOT BOTH SPECIFIED
	CAUSE	FROM=" " and TO=" " were not both specified in the FCOPY command.
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.
59	MESSAGE	SYNTAX ERROR: ILLEGAL USE OF NEW
	CAUSE	The context used to specify a new *tofile* is not valid.
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.
60	MESSAGE	SYNTAX ERROR: ILLEGAL USE OF *
	CAUSE	The context used to specify * as a *fromfile* or *tofile* is not valid.
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.
62	MESSAGE	SYNTAX ERROR: FILE NAME TOO LONG
	CAUSE	The name specified for the *fromfile* or *tofile* is longer than the 35 characters allowed in a fully qualified file name with lockword.
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.

102	MESSAGE	CANNOT CLOSE FROMFILE
	CAUSE	MPE/iX cannot close the *fromfile*. This message is followed by an MPE/iX file information display containing (among other things) an error number.
	ACTION	Look up the error number in the file system error table in the *MPE/iX Intrinsics Reference Manual (32650-90028)* and act accordingly.
103	MESSAGE	CANNOT CLOSE TOFILE
	CAUSE	MPE/iX cannot close the *tofile*. This message is followed by an MPE/iX file information display containing an error number.
	ACTION	Look up the error number in the file system error table in the *MPE/iX Intrinsics Reference Manual (32650-90028)* and act accordingly.
104	MESSAGE	CANNOT SAVE NEW TOFILE
	CAUSE	MPE/iX cannot close the *tofile* as a permanent file. Either you do not have SF capability or there is not enough group, account, or system file space.
	ACTION	If you don't have SF capability, you cannot perform the operation. If there is not enough file space, purge some unneeded files to free some file space.
105	MESSAGE	CANNOT OPEN FROMFILE
	CAUSE	MPE/iX cannot open the *fromfile*. This message is followed by an MPE/iX file information display containing an error number.
	ACTION	Look up the error number in the file system error table in the *MPE/iX Intrinsics Reference Manual (32650-90028)* and act accordingly.

106	MESSAGE	CANNOT OPEN TOFILE
	CAUSE	MPE/iX cannot open the *tofile*. This message is followed by an MPE/iX file information display containing an error number.
	ACTION	Look up the error number in the file system error table in the *MPE/iX Intrinsics Reference Manual (32650-90028)* and act accordingly.
107	MESSAGE	VERIFY OR COMPARE OPTION: CANNOT GET READ ACCESS TO TOFILE
	CAUSE	MPE/iX cannot get READ access to the *tofile* for a VERIFY or COMPARE operation. The READ access specified in the file label has been overridden by an MPE/iX FILE command containing ACC=APPEND, ACC=OUT, or ACC=OUTKEEP.
	ACTION	Reset the FILE command (using the MPE/iX RESET command) and retry the operation.
108	MESSAGE	ERROR IN CALLING FGETINFO FOR FROMFILE
	CAUSE	An error prevented MPE/iX from obtaining information from the *fromfile's* label. This message is followed by an MPE/iX file information display containing an error number.
	ACTION	Look up the error number in the file system error table in the *MPE/iX Intrinsics Reference Manual (32650-90028)* and act accordingly.

109	MESSAGE	ERROR IN CALLING FGETINFO FOR TOFILE
	CAUSE	An error prevented MPE/iX from obtaining information from the *tofile's* label. This message is followed by an MPE/iX file information display containing an error number.
	ACTION	Look up the error number in the file system error table in the *MPE/iX Intrinsics Reference Manual (32650-90028)* and act accordingly.
110	MESSAGE	IGNERR OPTION: FROMFILE NOT TAPE
	CAUSE	The *fromfile's* device is not a magnetic tape unit.
	ACTION	The "ignore errors" function cannot be used in this case.
111	MESSAGE	CANNOT GET READ ACCESS TO FROMFILE
	CAUSE	MPE/iX cannot get **READ** access to the *fromfile*. The **READ** access specified in the file label has been overridden by an MPE/iX **FILE** command containing **ACC=APPEND**, **ACC=OUT**, or **ACC=OUTKEEP**.
	ACTION	Reset the **FILE** command (using the MPE/iX **RESET** command) and retry the operation.
112	MESSAGE	CANNOT GET WRITE ACCESS TO TOFILE
	CAUSE	MPE/iX cannot get **READ** access to the *tofile*. The **WRITE** access specified in the file label has been overridden by an MPE/iX **FILE** command containing **ACC=IN**.
	ACTION	Reset the particular **FILE** command (using the MPE/iX **RESET** command) and retry the operation.

113	MESSAGE	SKIPEOF OPTION: FROMFILE NOT AN UNLABELED TAPE
	CAUSE	The "skip end-of-file" function was specified for the *fromfile*, and the *fromfile* device is not a magnetic tape unit, serial disk, or cartridge tape unit.
	ACTION	If the intended *fromfile* or *tofile* is on magnetic tape or serial disk, check the associated MPE/iX FILE command and its backreference.
114	MESSAGE	SKIPEOF OPTION: TOFILE NOT AN UNLABELED TAPE
	CAUSE	The "skip end-of-file" function was specified for the *tofile*, and the *tofile* device is not a magnetic tape unit, serial disk, or cartridge tape unit.
	ACTION	If the intended *fromfile* or *tofile* is on magnetic tape or serial disk, check the associated MPE/iX FILE command and its backreference.
115	MESSAGE	SUBSET OPTION: STRING FALLS OUTSIDE OF FROMFILE RECSIZE
	CAUSE	The *characterstring* or *patternlist* specified is greater than the record size of the *fromfile*. No such subset can exist in the specified *fromfile*.
	ACTION	Change the specified subset definition to a valid one and try the operation again.

116	MESSAGE	CANNOT GET LARGE ENOUGH BUFFER
	CAUSE	There is not enough data space for the buffers needed by the operation you have requested. FCOPY uses the DL-DB area for variable sized buffers.
	ACTION	Ask the system manager what size data area was specified when FCOPY was prepared, and rerun FCOPY specifying a larger **MAXDATA=** parameter. Also make sure that the system configuration can accommodate your record size in the maximum size allowed for data segments.
117	MESSAGE	SKIPEOF OPTION: ERROR WHILE SKIPPING IN FROMFILE
	CAUSE	An error occurred while skipping end-of-file marks in the *fromfile*.
	ACTION	Check the syntax for the SKIPEOF function and retry the operation.
118	MESSAGE	SKIPEOF OPTION: ERROR WHILE SKIPPING IN TOFILE
	CAUSE	An error occurred while skipping end-of-file marks in the *tofile*.
	ACTION	Check the syntax for the SKIPEOF function and retry the operation.
119	MESSAGE	SUBSET OPTION: ERROR WHILE SPACING IN FROMFILE
	CAUSE	An error occurred while skipping end-of-file marks in the *fromfile*.
	ACTION	Check the syntax for the SKIPEOF function and retry the operation.

120	MESSAGE	SUBSET OPTION: SUBSET STARTS OVER EOF BOUNDARY
	CAUSE	The specified subset extends over an end-of-file mark or a tape mark boundary.
	ACTION	Change the specified subset definition to a valid one and try the operation again.
123	MESSAGE	SUBSET OPTION: THIS INPUT DEVICE DOES NOT BACKSPACE
	CAUSE	The specified subset requires backspacing in the *fromfile*, but the device for that file is not a disk or magnetic tape.
	ACTION	Check the MPE/iX FILE command associated with the *fromfile* and its backreference.
124	MESSAGE	READ ERROR IN FROMFILE AT RECORD RECNUM
	CAUSE	An error occurred while spacing through the *fromfile* in search of the start of a subset.
	ACTION	Check the syntax of your command and retry the operation.
125	MESSAGE	SUBSET OPTION: NUMERIC SUBSET IS EMPTY
	CAUSE	A subset specified by *starting-record-number, number-of records* and/or *last-record-number* does not exist, or contains no data.
	ACTION	Change the specified subset definition to a valid one and try the operation again.

126	MESSAGE	VERIFY OPTION: ERROR WHILE REWINDING FROMFILE
	CAUSE	An error occurred while spacing backward to the beginning of the *fromfile* at the start of a "verify" operation.
	ACTION	Check the syntax of your command and retry the operation.
127	MESSAGE	VERIFY OPTION: ERROR WHILE REWINDING TOFILE
	CAUSE	An error occurred while spacing backward to the beginning of the *tofile* at the start of a "verify" operation.
	ACTION	Check the syntax of your command and retry the operation.
128	MESSAGE	EOF FOUND WHILE SPACING IN FROMFILE
	CAUSE	An end-of-file mark was encountered while spacing through the *fromfile* in search of the start of a subset.
	ACTION	Make sure that the starting record number for the subset does not exceed the number of records in the file.
129	MESSAGE	EOF FOUND WHILE SPACING IN TOFILE
	CAUSE	An end-of-file mark was encountered while spacing through the *tofile* in search of the start of a subset during a "compare" or "verify" operation.
	ACTION	"Compare" operation: the *fromfile* and *tofiles* are not identical. Display the *tofile* to determine what it actually contains. "Verify" operation: the "copy" operation was not performed correctly. Retry the operation.

130	MESSAGE	FCHECK ERROR
	CAUSE	The FCHECK intrinsic failed.
	ACTION	Notify your system manager.
131	MESSAGE	ERROR WHILE WRITING EOF TOFILE
	CAUSE	An error occurred while writing an end-of-file mark in the *tofile*.
	ACTION	Check the syntax of your command and retry the operation.
132	MESSAGE	VERIFY OPTION: ERROR WHILE SPACING IN THE FROMFILE
	CAUSE	An error occurred while writing an end-of-file mark in the *fromfile* during a "verify" operation.
	ACTION	Check the syntax of your command and retry the operation.
133	MESSAGE	VERIFY OPTION: ERROR WHILE SPACING IN THE TOFILE
	CAUSE	An error occurred while writing an end-of-file mark in the *tofile* during a "verify" operation.
	ACTION	Check the syntax of your command and retry the operation.
134	MESSAGE	FOUND EOF IN TOFILE
	CAUSE	FCOPY has performed the specified operation but has filled the *tofile* before completing the operation.
	ACTION	The *tofile* was not large enough. Use the MPE/iX LISTF *filename*,2 command to determine the *tofile's* size and then increase its size (using the MPE/iX PURGE and BUILD commands) and retry the operation. To copy from one file to a smaller file, use SUBSET=.

135	MESSAGE	WRITE ERROR TO TOFILE
	CAUSE	An error occurred while writing to the *tofile*.
	ACTION	Check the syntax of your command and retry the operation.
136	MESSAGE	READ ERROR FROM TOFILE
	CAUSE	An error occurred while reading from the *tofile* during a "compare" or "verify" operation.
	ACTION	"Compare" operation: retry the operation. If the error persists, you must try to recreate the *tofile*. "Verify" operation: retry the operation.
137 *	MESSAGE	WARNING: AN UNLABELED TAPE OPERATION ENDS ON AN ERROR
	CAUSE	An operation involving a magnetic tape *fromfile* was terminated by reading beyond the end of valid data rather than by sensing an end-of-file mark.
	ACTION	This is not an error. You can avoid this message by specifying FILES=*n* where *n* is the number of files on the tape.
138	MESSAGE	TITLE OPTION: TITLE TOO LONG
	CAUSE	The title specified for the "list" function is longer than the 70 characters allowed, or it extends over more than one line (record).
	ACTION	In a job: correct the command and re-submit the job. In a session: re-enter the command using the correct format.

139	MESSAGE	DUMP OPTION: TOFILE RECSIZE NOT WITHIN LEGAL LIMIT
	CAUSE	A file display was directed to an intermediate storage device with an incorrect record size. That record size must be greater than 60 bytes (30 words).
	ACTION	Change the record size of the intermediate storage file (using the MPE/iX PURGE and BUILD commands) so that it is within the allowed range, and then retry the operation.
140	MESSAGE	COMPARE OR VERIFY OPTION: OPERATION FAILS; DIFFERENT FIXED RECSIZES
	CAUSE	The "compare" or "verify" operation was not attempted because the record sizes of the *tofile* and *fromfile* are not identical.
	ACTION	"Compare" operation: none. The "compare" operation revealed that the fixed record sizes of the two files are not identical. "Verify" operation: change the record size of the *tofile* (using the MPE/iX PURGE and BUILD commands) so that it is the same as that of the *fromfile* and then retry the operation.
141 **	MESSAGE	COMPARE BEGINS
	CAUSE	The comparison phase of a "verify" operation has begun.
	ACTION	None.
143 *	MESSAGE	WARNING: FROMFILE IS EMPTY
	CAUSE	The *fromfile* contained no data. Nothing was copied or compared.
	ACTION	None. You may inadvertently have specified the wrong file as the *fromfile*.

144	MESSAGE	NEW OPTION: FILE ALREADY EXISTS
	CAUSE	The *tofile* named for the "new file" function already exists in the specified (or implied) group and account.
	ACTION	Change the name of the *tofile* and try the operation again.
145	MESSAGE	BACKSPACE ERROR IN FROMFILE
	CAUSE	An error occurred while spacing backward to the beginning of the *fromfile* or a subset within it.
	ACTION	Check the syntax of your command and retry the operation.
146	MESSAGE	CANNOT OPEN TEMPORARY LABEL FILE
	CAUSE	This may indicate a lack of space in your account.
	ACTION	Allocate more space in the account.
147	MESSAGE	WRITE ERROR IN TEMPORARY LABEL FILE
	CAUSE	An error occurred while writing to the temporary label file.
	ACTION	Check the syntax of your command and retry the operation.
148	MESSAGE	READ ERROR IN TEMPORARY LABEL FILE
	CAUSE	An error occurred while reading from the *fromfile*.
	ACTION	Check the syntax of your command and retry the operation.
149	MESSAGE	OVERFLOW IN TEMPORARY LABEL FILE
	CAUSE	There are more labels in the *fromfile* than can be copied.
	ACTION	Use the NOUSERLABELS function to copy files without labels.

150	MESSAGE	READ ERROR IN FROMFILE LABELS
	CAUSE	An error occurred while reading labels in the *fromfile*.
	ACTION	Check the syntax of your command and retry the operation.
151	MESSAGE	WRITE ERROR IN TOFILE LABELS
	CAUSE	An error occurred while reading labels in the *tofile*.
	ACTION	Check the syntax of your command and retry the operation.
152	MESSAGE	OVERFLOW IN TOFILE LABELS
	CAUSE	There are too many labels in the *fromfile* to be copied to the *tofile*.
	ACTION	If the *tofile* is an old file, retry the operation using the NOUSERLABELS option. If it is a new file, use the NEW option.
153	MESSAGE	ATTEMPT TO BACKSPACE OVER FROMFILEBOF
	CAUSE	The negative number specified in a "skip end-of-file" function for the *fromfile* is too large.
	ACTION	Change the number to a smaller one to avoid skipping too many files back.
154	MESSAGE	ATTEMPT TO BACKSPACE OVER TOFILEBOF
	CAUSE	The negative number specified in a "skip end-of-file" function for the *tofile* is too large.
	ACTION	Change the number to a smaller one to avoid skipping too many files back.

155	MESSAGE	DEBLOCK OPTION: INVALID LOGICAL RECORD LENGTH
	CAUSE	Specified logical record length is greater than the physical record length of the *fromfile*, or it is equal to zero.
	ACTION	Correct the DEBLOCK option and retry the operation. Make sure that there is a minus sign in front of the logical record length if it is specified in bytes.
200 *	MESSAGE	WARNING: FROMFILE RECSIZE IS *number type*,TOFILE RECSIZE IS *number type*
	CAUSE	The record sizes of the *fromfile* and *tofile* are not identical.
	ACTION	In a job: FCOPY performs the specified operation despite the conflict. In a session: you are given the choice of whether or not to continue the operation. If the record size of the *fromfile* is larger than that of the *tofile*, the "from" records would be truncated. If the record size of the *tofile* is larger than that of the *fromfile*, the content of the excess byte positions in the "to" records is unpredictable.
201 *	MESSAGE	WARNING: FROMFILE IS ASCII, TOFILE IS BINARY OR WARNING: FROMFILE IS BINARY, TOFILE IS ASCII
	CAUSE	The data formats of the *fromfile* and *tofile* are not identical.
	ACTION	In a job: FCOPY performs the specified operation despite the conflict. In a session: you are given the choice of whether or not to continue the operation.

301	MESSAGE	READ ERROR IN FROMFILE AT RECORD *recnum*
	CAUSE	An error occurred while reading from the *fromfile* at the record number displayed (*recnum*).
	ACTION	Retry the operation. If the error persists, use the SUBSET function to copy all of the file except the erroneous record.
302	MESSAGE	VERIFY OPTION: RAN OUT OF VERIFY ERRORS AT FROMFILE RECORD *recnum*
	CAUSE	The "verify" function was terminated because the specified maximum number of errors has been exceeded at the record number displayed (*recnum*).
	ACTION	Specify a larger *number-of-errors* parameter and retry the operation.
303	MESSAGE	RAN OUT OF IGNERRS AT FROMFILESREC
	CAUSE	More errors were found in the *fromfile* than are permitted by the IGNERR option.
	ACTION	Specify a larger *number-of-errors* parameter and retry the operation.
304	MESSAGE	COMPARE OPTION: RAN OUT OF COMPARE ERRORS AT FROMFILE RECORD *recnum*
	CAUSE	The "compare" function was terminated because the specified maximum number of errors has been exceeded at the record number displayed *(recnum)*.
	ACTION	Retry the operation specifying a larger *number-of-errors* parameter.
601	MESSAGE	END OF VOLUME SET
	CAUSE	The end of the last labeled tape of the volume set has been reached.
	ACTION	None.

800	MESSAGE	EOF IN FROMFILE BUT NOT IN TOFILE {AT / AFTER / BEFORE} RECORD X
	CAUSE	The *tofile* is larger than the *fromfile*.
	ACTION	Purge the *tofile* and retry the operation using the **NEW** option if you are copying to the *tofile*. Alternatively, purge the *tofile* and rebuild it with the same attributes as the *fromfile*, then retry the operation.
801 *	MESSAGE	EOF IN TOFILE BUT NOT IN FROMFILE {AT / AFTER / BEFORE} RECORD X
	Cause	The *tofile* is smaller than the *fromfile*.
	Action	Purge the *tofile* and retry the operation using the **NEW** option if you are copying to the *tofile*. Alternatively, purge the *tofile* and rebuild it with the same attributes as the *fromfile*, then retry the operation.
802 *	MESSAGE	READ ERROR IN FROMFILE {AT / AFTER / BEFORE} RECORD X
	Cause	A **READ** error occurred while verifying or comparing.
	Action	Retry the operation and check the MPE/iX file system error.

803 *	MESSAGE	READ ERROR IN TOFILE { AT / AFTER / BEFORE } RECORD X
	Cause	A READ error occurred while verifying or comparing,
	Action	Retry the operation and check the MPE/iX file system error.
901	MESSAGE	KSAM FROMFILE BOUNDARY (EOF OR BOF)
	Cause	The beginning or end of the *fromfile* was reached during the FCOPY operation.
	Action	Try again.
902	MESSAGE	KSAM FROMFILE POSITIONING ERROR
	CAUSE	FCOPY could not find the desired position in the *fromfile*.
	Action	Try again or check the length of the *fromfile*.
903	MESSAGE	ERROR: WRONG CONDITIONS FOR OPENING NEW KSAM FILE
	Cause	The *fromfile* is not a KSAM file.
	Action	Create a KSAM file before running FCOPY and copy to that file.
904	MESSAGE	KSAM ERROR 904
	Cause	Internal error.
	Action	Notify your system manager.
905	MESSAGE	KSAM ERROR 905
	CAUSE	Internal error.
	Action	Notify your system manager.

906	MESSAGE	KSAM ERROR 906
	CAUSE	Internal error.
	ACTION	Notify your system manager.
907	MESSAGE	KSAM ERROR 907
	CAUSE	Internal error.
	ACTION	Notify your system manager.
908	MESSAGE	NOKSAM IS NOT A VALID OPTION FOR KSAM XL FILES
	CAUSE	You have attempted to open a KSAM XL file with the **NOKSAM** option.
	ACTION	Correct the command syntax and try again.
909	MESSAGE	VARIABLE RECORD FORMAT IS NOT SUPPORTED FOR KSAM XL FILES
	CAUSE	You are using a variable record format with a KSAM XL file.
	ACTION	Rebuild your file with a fixed-record format and try again.
930	MESSAGE	WRONG ACCESS TYPE WHILE COPYING LABEL EXTENSION OF SPOOL FILES
	CAUSE	The *tofile* has no **WRITE** access or the *fromfile* has no **READ** access.
	ACTION	Use a file equation to give your file the relevant access rights.
931	MESSAGE	ERROR WHILE COPYING LABEL EXTENSION OF SPOOL FILES
	CAUSE	Internal error.
	ACTION	Notify your system manager.
950	MESSAGE	CTRANSLATE ERROR
	CAUSE	Internal error.
	ACTION	Notify your system manager.

960	MESSAGE	LANGUAGE NOT CONFIGURED
	CAUSE	The language is not installed.
	ACTION	Run LANGID.PUB.SYS to install it.
961	MESSAGE	NLS NOT CONFIGURED
	CAUSE	NLS is not installed.
	ACTION	Run LANGID.PUB.SYS to install it.
962	MESSAGE	INTERNAL ERROR (NLINFO)
	CAUSE	Internal error.
	ACTION	Notify your system manager.
963	MESSAGE	INTERNAL ERROR (NLREPCHAR)
	CAUSE	Internal error.
	ACTION	Notify your system manager.
964	MESSAGE	INTERNAL ERROR (NLSCANMOVE)
	CAUSE	Internal error.
	ACTION	Notify your system manager.
965	MESSAGE	INTERNAL ERROR (NLTRANSLATE)
	CAUSE	Internal error.
	ACTION	Notify your system manager.
966	MESSAGE	WARNING: LANG OPTION NOT RELEVANT
	CAUSE	The *tofile* doesn't need the language.
	ACTION	Do not use the LANG option.
970	MESSAGE	NO EBCDIC TABLE FOR THIS LANGUAGE
	CAUSE	Some languages do not support the EBCDIC function.
	ACTION	Do not use the EBCDIC function.

971	MESSAGE	INVALID 16-BIT INPUT DATA FOR UPSHIFT
	CAUSE	16-bit character truncation.
	ACTION	Check input data and try again.

The following status messages, without assigned numbers, may also be given. They are self-explanatory.

```
EOF FOUND IN FROMFILE AFTER RECORD X

X RECORDS PROCESSED***Y ERRORS

VERIFY ERROR X FOUND AT RECORD Y

COMPARE ERROR X FOUND AT RECORD Y

IGNORED ERROR X: READ ERROR FROM FROMFILE AT RECORD Y

VERIFY ERROR X FOUND AT RECORD Y, BYTE Z

COMPARE ERROR X FOUND AT RECORD Y, BYTE Z

COMPARE ERROR X FOUND AT RECORD Y: DIFFERENT RECORD
```

9

File System (Compatibility Mode)

(FSERR)

0	MESSAGE	END OF FILE (FSERR 0)
1	MESSAGE	ILLEGAL DB REGISTER SETTING (FSERR 1)
2	MESSAGE	ILLEGAL CAPABILITY (FSERR 2)
3	MESSAGE	REQUIRED PARAMETER IS MISSING (FSERR 3)
4	MESSAGE	DISC FREE SPACE ALLOCATION DISABLED ON ALL DISCS IN DOMAIN (FSERR 4)
5	MESSAGE	DRT NUMBER > 511 (FSERR 5)
6	MESSAGE	DEVICE HAS NO AVAILABLE SPARE BLOCKS. (FSERR 6)
7	MESSAGE	UNFORMATTED OR UNINITIALIZED MEDIA ON DEVICE. (FSERR 7)

8	MESSAGE	ILLEGAL PARAMETER VALUE (FSERR 8)
	CAUSE	A call was made to access (open, read, write, lock, append etc.) a file with a parameter value that the file system could not use.
	ACTION	Check values of all parameters in all calls to the file system. If you are not calling the file system directly, but instead are relying on a generated call (such as a call to HPFOPEN generated by a language compiler rather than a call to HPFOPEN that you coded directly) check all call parameter values and all code that would influence parameter values. Also, because file system call parameter values can be overidden by file equations, be sure the parameters in every file equation correctly match the file to be accessed.
9	MESSAGE	INVALID FILE TYPE SPECIFIED IN FOPTIONS (FSERR 9)
10	MESSAGE	INVALID RECORD SIZE SPECIFICATION (FSERR 10)
11	MESSAGE	INVALID RESULTANT BLOCK SIZE (FSERR 11)
12	MESSAGE	RECORD NUMBER OUT OF RANGE (FSERR 12)
13	MESSAGE	CAN'T OPEN FILE MULTI-ACCESS, OUT OF FMAVT ENTRIES (FSERR 13)
15	MESSAGE	EXCEEDED THE MAXIMUM MESSAGE FILE OPENS FOR WRITE ACCESS (FSERR 15)
16	MESSAGE	MORE THAN 255 OPENS OF A FILE (FSERR 16)

17	MESSAGE	MAGNETIC TAPE RUNAWAY (FSERR 17)
18	MESSAGE	DEVICE POWERED UP (FSERR 18)
19	MESSAGE	FORMS CONTROL WAS RESET (FSERR 19)
20	MESSAGE	INVALID OPERATION (FSERR 20)
21	MESSAGE	DATA PARITY ERROR (FSERR 21)
22	MESSAGE	SOFTWARE TIME-OUT (FSERR 22)
23	MESSAGE	END OF TAPE (FSERR 23)
24	MESSAGE	UNIT NOT READY (FSERR 24)
25	MESSAGE	NO WRITE-RING ON TAPE (FSERR 25)
26	MESSAGE	TRANSMISSION ERROR (FSERR 26)
27	MESSAGE	I/O TIME-OUT (FSERR 27)
28	MESSAGE	TIMING ERROR OR DATA OVERRUN (FSERR 28)
29	MESSAGE	SIO FAILURE (FSERR 29)
30	MESSAGE	UNIT FAILURE (FSERR 30)
31	MESSAGE	END OF LINE (FSERR 31)
32	MESSAGE	SOFTWARE ABORT (FSERR 32)

33	MESSAGE	DATA LOST (FSERR 33)
34	MESSAGE	UNIT NOT ON-LINE (FSERR 34)
35	MESSAGE	DATA-SET NOT READY (FSERR 35)
36	MESSAGE	INVALID DISC ADDRESS (FSERR 36)
37	MESSAGE	INVALID MEMORY ADDRESS (FSERR 37)
38	MESSAGE	TAPE PARITY ERROR (FSERR 38)
39	MESSAGE	RECOVERED TAPE ERROR (FSERR 39)
40	MESSAGE	OPERATION INCONSISTENT WITH ACCESS TYPE (FSERR 40
41	MESSAGE	OPERATION INCONSISTENT WITH RECORD TYPE (FSERR 41)
42	MESSAGE	OPERATION INCONSISTENT WITH DEVICE TYPE (FSERR 42)
43	MESSAGE	WRITE EXCEEDS RECORD SIZE (FSERR 43)
44	MESSAGE	UPDATE AT RECORD ZERO (FSERR 44)
45	MESSAGE	PRIVILEGED FILE VIOLATION (FSERR 45)
46	MESSAGE	OUT OF DISC SPACE (FSERR 46)
47	MESSAGE	I/O ERROR ON FILE LABEL (FSERR 47)

48	MESSAGE	INVALID OPERATION DUE TO MULTIPLE FILE ACCESS (FSERR 48)
49	MESSAGE	UNIMPLEMENTED FUNCTION (FSERR 49)
50	MESSAGE	NONEXISTENT ACCOUNT (FSERR 50)
51	MESSAGE	NONEXISTENT GROUP (FSERR 51)
52	MESSAGE	NONEXISTENT PERMANENT FILE (FSERR 52)
53	MESSAGE	NONEXISTENT TEMPORARY FILE (FSERR 53)
54	MESSAGE	INVALID FILE REFERENCE (FSERR 54)
55	MESSAGE	DEVICE UNAVAILABLE (FSERR 55)
56	MESSAGE	INVALID DEVICE SPECIFICATION (FSERR 56)
57	MESSAGE	OUT OF VIRTUAL MEMORY (FSERR 57)
58	MESSAGE	NO PASSED FILE (FSERR 58)
59	MESSAGE	STANDARD LABEL VIOLATION (FSERR 59)
60	MESSAGE	GLOBAL RIN UNAVAILABLE (FSERR 60)
61	MESSAGE	OUT OF GROUP DISC SPACE (FSERR 61)
62	MESSAGE	OUT OF ACCOUNT DISC SPACE (FSERR 62)

63	MESSAGE	USER LACKS NON-SHARABLE DEVICE CAPABILITY (FSERR 63)
64	MESSAGE	PROGRAM NOT PREPPED WITH MULTI-RIN CAPABILITY (FSERR 64)
65	MESSAGE	PUNCH HOPPER EMPTY (FSERR 65)
66	MESSAGE	PLOTTER LIMIT SWITCH REACHED (FSERR 66)
67	MESSAGE	PAPER TAPE ERROR (FSERR 67)
68	MESSAGE	INSUFFICIENT SYSTEM RESOURCES (FSERR 68)
69	MESSAGE	I/O ERROR (FSERR 69)
70	MESSAGE	I/O ERROR WHILE PRINTING HEADER/TRAILER (FSERR 70)
71	MESSAGE	TOO MANY FILES OPEN (FSERR 71)
72	MESSAGE	INVALID FILE NUMBER (FSERR 72)
73	MESSAGE	BOUNDS VIOLATION (FSERR 73)
74	MESSAGE	NO ROOM LEFT IN STACK SEGMENT FOR ANOTHER FILE ENTRY (FSERR 74)
77	MESSAGE	NO-WAIT I/O PENDING (FSERR 77)
78	MESSAGE	NO NO-WAIT I/O PENDING FOR ANY FILE (FSERR 78)

79	MESSAGE	NO NO-WAIT I/O PENDING FOR SPECIAL FILE (FSERR 79)
80	MESSAGE	SPOOFLE SIZE EXCEEDS CONFIGURATION (FSERR 80)
81	MESSAGE	NO "SPOOL" CLASS IN SYSTEM (FSERR 81)
82	MESSAGE	INSUFFICIENT SPACE FOR SPOOFLE (FSERR 82)
83	MESSAGE	I/O ERROR ON SPOOFLE (FSERR 83)
84	MESSAGE	DEVICE UNAVAILABLE FOR SPOOFLE (FSERR 84)
85	MESSAGE	OPERATION INCONSISTENT WITH SPOOLING (FSERR 85)
86	MESSAGE	Spooling internal error (FSERR 86)
87	MESSAGE	BAD SPOOFLE BLOCK (FSERR 87)
88	MESSAGE	NONEXISTENT SPOOLFILE (FSERR 88)
89	MESSAGE	POWER FAILURE (FSERR 89)
90	MESSAGE	EXCLUSIVE VIOLATION: FILE BEING ACCESSED (FSERR 90)
91	MESSAGE	EXCLUSIVE VIOLATION: FILE ACCESSED EXCLUSIVELY (FSERR 91)
92	MESSAGE	LOCKWORD VIOLATION (FSERR 92)

93	MESSAGE	SECURITY VIOLATION (FSERR 93)
94	MESSAGE	USER IS NOT CREATOR (FSERR 94)
95	MESSAGE	READ COMPLETED DUE TO BREAK (FSERR 95)
96	MESSAGE	DISC I/O ERROR (FSERR 96)
97	MESSAGE	NO CONTROL Y PIN (FSERR 97)
98	MESSAGE	READ TIME OVERFLOW (FSERR 98)
99	MESSAGE	BOT AND BACKSPACE TAPE (FSERR 99)
100	MESSAGE	DUPLICATE PERMANENT FILE NAME (FSERR 100)
101	MESSAGE	DUPLICATE TEMPORARY FILE NAME (FSERR 101)
102	MESSAGE	I/O ERROR ON DIRECTORY (FSERR 102)
103	MESSAGE	PERMANENT FILE DIRECTORY OVERFLOW (FSERR 103)
104	MESSAGE	TEMPORARY FILE DIRECTORY OVERFLOW (FSERR 104)
105	MESSAGE	BAD VARIABLE BLOCK STRUCTURE (FSERR 105)
106	MESSAGE	EXTENT SIZE EXCEEDS MAXIMUM (FSERR 106)

107	MESSAGE	INSUFFICIENT SPACE FOR USER LABELS (FSERR 107)
108	MESSAGE	INVALID FILE LABEL (FSERR 108)
109	MESSAGE	INVALID CARRIAGE CONTROL (FSERR 109)
110	MESSAGE	ATTEMPT TO SAVE PERMANENT FILE AS TEMPORARY (FSERR 110)
111	MESSAGE	USER LACKS SAVE FILES (SF) CAPABILITY (FSERR 111)
112	MESSAGE	USER LACKS PRIVATE VOLUMES (UV) CAPABILITY (FSERR 112)
113	MESSAGE	VOLUME SET NOT MOUNTED - MOUNT PROBLEM (FSERR 113)
114	MESSAGE	VOLUME SET NOT DISMOUNTED - DISMOUNT PROBLEM (FSERR 114)
115	MESSAGE	ATTEMPTED RENAME ACROSS VOLUME SETS - REJECTED (FSERR 115)
116	MESSAGE	INVALID TAPE LABEL FOPEN PARAMETERS (FSERR 116)
117	MESSAGE	ATTEMPT TO WRITE ON AN UNEXPIRED TAPE FILE (FSERR 117)
118	MESSAGE	INVALID HEADER OR TRAILER TAPE LABEL (FSERR 118)
119	MESSAGE	I/O ERROR POSITIONING TAPE FOR TAPE LABELS (FSERR 119)

120	MESSAGE	ATTEMPT TO WRITE IBM STANDARD TAPE LABEL (FSERR 120)
121	MESSAGE	TAPE LABEL LOCKWORD VIOLATION (FSERR 121)
122	MESSAGE	TAPE LABEL TABLE OVERFLOW (FSERR 122)
123	MESSAGE	END OF TAPE VOLUME SET (FSERR 123)
124	MESSAGE	ATTEMPT TO APPEND LABELED TAPE (FSERR 124)
125	MESSAGE	EXPIRATION DATE CAN'T BE LATER THAN PRECEDING FILE'S (FSERR 125)
126	MESSAGE	CHARACTER SET NUMBER MUST BE BETWEEN 0 AND 31. (FSERR 126)
127	MESSAGE	FORM NUMBER MUST BE BETWEEN 0 AND 31. (FSERR 127)
128	MESSAGE	LOGICAL PAGE NUMBER MUST BE BETWEEN 0 AND 31. (FSERR 128)
129	MESSAGE	VERTICAL FORMAT NUMBER MUST BE BETWEEN 0 AND 31. (FSERR 129)
130	MESSAGE	NUMBER OF COPIES MUST BE BETWEEN 1 AND 32767. (FSERR 130)
131	MESSAGE	NUMBER OF OVERLAYS MUST BE BETWEEN 1 AND 8. (FSERR 131)
132	MESSAGE	PAGE LENGTH PARM MUST BE BETWEEN 12 (=3") AND 68 (=17"). (FSERR 132)

133	MESSAGE	PICTURE NUMBER MUST BE BETWEEN 0 AND 31. (FSERR 133)
134	MESSAGE	EXTENDED CAPABILITY PARM MUST BE 0 (OFF) OR 1 (ON). (FSERR 134)
135	MESSAGE	UNRECOVERED MEDIA ERROR. (FSERR 135)
137	MESSAGE	DEFECTIVE TRACK ON FOREIGN DISC (FSERR 137)
138	MESSAGE	TRACK DOES NOT EXIST ON FOREIGN DISC (FSERR 138)
139	MESSAGE	DELETED RECORD ON IBM DISKETTE (FSERR 139)
148	MESSAGE	INACTIVE RIO RECORD (FSERR 148)
149	MESSAGE	MISSING ITEM NUMBER OR RETURN-VARIABLE (FSERR 149)
150	MESSAGE	INVALID ITEM NUMBER (FSERR 150)
151	MESSAGE	CURRENT RECORD WAS LAST RECORD WRITTEN BEFORE SYSTEM CRASHED (FSERR 151)
152	MESSAGE	UNRECOGNIZED KEYWORD IN FOPEN DEVICE PARAMETER (FSERR 152)
153	MESSAGE	EXPECTED ";" OR CARRIAGE RETURN IN DEVICE PARAMETER (FSERR 153)
154	MESSAGE	ENVIRONMENT FILE OPEN ERROR (FSERR 154)

155	MESSAGE	NOT ENVIRONMENT FILE. CHECK FILE CODE OR RECORD SIZE. (FSERR 155)
156	MESSAGE	ENVIRONMENT HEADER RECORD INCORRECT (FSERR 156)
157	MESSAGE	UNCOMPILED ENVIRONMENT FILE (FSERR 157)
158	MESSAGE	ERROR READING ENVIRONMENT FILE (FSERR 158)
159	MESSAGE	ERROR CLOSING ENVIRONMENT FILE (FSERR 159)
160	MESSAGE	ERROR DOING FDEVICECONTROL FROM ENVIRONMENT FILE (FSERR 160)
161	MESSAGE	TOO MANY PARAMETERS IN DEVICE STRING - OVERFLOW (FSERR 161)
162	MESSAGE	EXPECTED "=" AFTER KEYWORD IN DEVICE PARAMETER (FSERR 162)
163	MESSAGE	"ENV" BACK REFERENCE IN FILE EQUATION INCORRECT (FSERR 163)
164	MESSAGE	DEVICE PARAMETER TOO LARGE OR MISSING CARRIAGE RETURN (FSERR 164)
165	MESSAGE	INVALID DENSITY SPECIFICATION (FSERR 165)
166	MESSAGE	FFILEINFO FAILED IN ACCESSING REMOTE SPOOL FILE. (FSERR 166)

167	MESSAGE	SPOOL FILE LABEL ERROR, CAN'T INSERT ENV FILE NAME. (FSERR 167)
168	MESSAGE	ITEM NOT SUPPORTED ON REMOTE SYSTEM. (FSERR 168)
170	MESSAGE	RECORD IS MARKED FOR DELETION (FSERR 170)
171	MESSAGE	DUPLICATE KEY VALUE (FSERR 171)
172	MESSAGE	NO SUCH KEY (FSERR 172)
173	MESSAGE	TCOUNT PARAMETER LARGER THAN RECORD SIZE (FSERR 173)
	CAUSE	There is a discrepancy between the number of bytes that the system has transferred (or is attempting to transfer) and the number of bytes specified in a buffer or record size.
	ACTION	Check all calls to intrinsics where a buffer or record size is specified which may not match data transfer size. In particular, check calls to intrinsics such as FREAD or FREADBACKWARD, which have a TRANSFERCOUNT parameter which is returned by the system. A possible cause is that the system has (or is attempting to) set the TRANSFERCOUNT to a value which exceeds the buffer length specified in the call. Another possible cause is a LENGTH parameter which exceeds the record size in a call to FWRITE without the NOBUF option. Also, a call to FWRITE with a LENGTH parameter which exceeds the physical record size may produce this message unless the MULTIRECORD AOPTION is used.
174	MESSAGE	CAN NOT GET EXTRA DATA SEGMENT (FSERR 174)

175	MESSAGE	KSAM INTERNAL ERROR (FSERR 175)
176	MESSAGE	ILLEGAL EXTRA DATA SEGMENT LENGTH (FSERR 176)
177	MESSAGE	TOO MANY EXTRA DATA SEGMENTS FOR THIS PROCESS (FSERR 177)
178	MESSAGE	NOT ENOUGH VIRTUAL MEMORY FOR EXTRA DATA SEGMENT (FSERR 178)
179	MESSAGE	THE FILE MUST BE LOCKED BEFORE ISSUING THIS INTRINSIC (FSERR 179)
180	MESSAGE	KSAM FILE MUST BE REBUILT (FSERR 180)
181	MESSAGE	INVALID KEY STARTING POSITION (FSERR 181)
182	MESSAGE	FILE IS EMPTY (FSERR 182)
183	MESSAGE	RECORD DOES NOT CONTAIN ALL KEYS (FSERR 183)
184	MESSAGE	INVALID RECORD NUMBER (FFINDN INTRINSIC) (FSERR 184)
185	MESSAGE	SEQUENCE ERROR IN PRIMARY KEY (FSERR 185)
186	MESSAGE	INVALID KEY LENGTH (FSERR 186)
187	MESSAGE	INVALID KEY SPECIFICATION (FSERR 187)

188	MESSAGE	INVALID DEVICE SPECIFICATION (FSERR 188)
189	MESSAGE	INVALID RECORD FORMAT (FSERR 189)
190	MESSAGE	INVALID KEY BLOCKING FACTOR VALUE (FSERR 190)
191	MESSAGE	RECORD DOES NOT CONTAIN SEARCH KEY SPECIFIED FOR DELETION (FSERR 191)
192	MESSAGE	SYSTEM FAILURE OCCURRED WHILE THE KSAM FILE WAS OPENED (FSERR 192)
193	MESSAGE	$STDIN/$STDLIST CANNOT BE REDIRECTED TO KSAM FILES (FSERR 193)
194	MESSAGE	KSAM files not allowed for global AFT's (FSERR 194)
195	MESSAGE	Global files cannot be remote files (FSERR 195)
196	MESSAGE	LANGUAGE NOT SUPPORTED (FSERR 196)
197	MESSAGE	NATIVE LANGUAGE INTERNAL ERROR (FSERR 197)
198	MESSAGE	INVALID VERSION NUMBER IN KSAM FILE (FSERR 198)
199	MESSAGE	UNABLE TO SWITCH THE LOCKING MODE (FSERR 199)
300	MESSAGE	NO. OF OPENS FOR FILE EXCEEDS 255 (FSERR 300)

301	MESSAGE	FREE SPACE TABLE FOR LDEV ! IS FULL, RUN VINIT -COND (FSERR 301)
302	MESSAGE	INVALID ITEM NUMBER FOR FDEVICECONTROL (FSERR 302)
303	MESSAGE	INVALID ACCESS FOR ITEM NUMBER TO FDEVICECONTROL (FSERR 303)
304	MESSAGE	ATTEMPT TO CHANGE TERMINAL PARITY IN 8 BIT MODE (FSERR 304)
305	MESSAGE	INVALID FORMAT IN TERMINAL CONFIGURATION FILE (FSERR 305)
306	MESSAGE	CHECKSUM ERROR IN TERMINAL CONFIGURATION FILE (FSERR 306)
307	MESSAGE	PASSED VALUE TO FDEVICECONTROL LESS THAN MIN (FSERR 307)
308	MESSAGE	PASSED VALUE TO FDEVICECONTROL GREATER THAN MAX (FSERR 308)
309	MESSAGE	PASSED VALUE TO FDEVICECONTROL IS UNSUPPORTED (FSERR 309)
310	MESSAGE	COUNT TO FDEVICECONTROL INSUFFICIENT TO RETURN INFO (FSERR 310)
311	MESSAGE	COUNT TO FDEVCNT GREATER THAN AVAILABLE TO STORE INFO (FSERR 311)
312	MESSAGE	PASSED SPECIAL CHARACTER HAS PREVIOUSLY DEFINED FUNCTION (FSERR 312)

350	MESSAGE	KSAM LOCK TABLE FULL (FSERR 350)
351	MESSAGE	TOO MANY RECORD LOCKS IN ONE PROCESS (FSERR 351)
352	MESSAGE	RECORD WAS LOCKED ALREADY (FSERR 352)
353	MESSAGE	FILE MUST BE UNLOCKED BEFORE ISSUING THIS INTRINSIC (FSERR 353)
354	MESSAGE	DATA INTEGRITY VIOLATION (FSERR 354)
355	MESSAGE	FILE IS LOCKED BY ANOTHER PROCESS (FSERR 355)
356	MESSAGE	LOCK REQUEST REJECTED DUE TO POTENTIAL DEADLOCK (FSERR 356)
357	MESSAGE	DATA MAY BE INVALID BECAUSE FILE IS LOCKED BY OTHERS (FSERR 357)

10

File System (Native Mode)

(Subsystem 143)

Note

This chapter includes KSAM error messages.

-90	MESSAGE	Problem: The time limit expired before any of the selected for events occurred or before the time limit expired.
	CAUSE	The HPSELECT intrinsic could not select for any of the specified events during the specified time limit.
	ACTION	Increase the time limit, or don't pass it.
-91	MESSAGE	Problem: A soft interrupt occurred before any of the selected for events occurred or before the time limit expired.
	CAUSE	A soft interrupt occurred, while the process was blocked on HPSELECT.
	ACTION	None.
-342	MESSAGE	HOP_OPTION_ACD was specified for an HPFOPEN for which this option is not allowed such as for a device or OLD file.
-588	MESSAGE	The ACD option is not valid. The ACD supplied in the HOP_OPTION_ACD keyvalue is invalid or the user does not have access to the buffer.

-589	MESSAGE	An error occurred while accessing an ACD. This error is typically returned when the ACD for the file or device being accessed is corrupted.
-591	MESSAGE	The creator of a linked spoolfile which was being created "RAW" did not have access to the target device. The spoolfile was created and DEFERred..
-658	MESSAGE	Problem: Failure in Creating the File IO State Semaphore Table.
	CAUSE	Procedure FS_INITIALIZE_FILE_SYSTEM failed to create the File IO State Semaphore Table.
	ACTION	Ask your system manager to investigate the problem and reboot the system.
-659	MESSAGE	Problem: Failure in initializing The File IO State Semaphore Table.
	CAUSE	Procedure FS_INITIALIZE_FILE_SYSTEM failed to initialize the File IO State Semaphore Table. "
	ACTION	Ask your system manager to investigate the problem and reboot the system.
1	MESSAGE	Intrinsic layer; file number is not valid.
2	MESSAGE	Intrinsic layer; the operation could not be completed because caller lacked the proper execution privilege level.
3	MESSAGE	Intrinsic layer; an access violation occurred.

4	MESSAGE	Intrinsic layer; record number is not valid.
5	MESSAGE	Intrinsic layer; number of records is not valid.
6	MESSAGE	Intrinsic layer; the process is out of PLFD's.
7	MESSAGE	Intrinsic layer; the maximum user label size was exceeded.
8	MESSAGE	Intrinsic layer; device type is not valid.
9	MESSAGE	Intrinsic layer; this is an illegal parameter.
10	MESSAGE	Intrinsic layer; this is an unimplemented function.
11	MESSAGE	Intrinsic layer; FLOCK is unable to LOCK file.
12	MESSAGE	Intrinsic layer; the file is not LOCKED.
13	MESSAGE	Intrinsic layer; the file has no user labels.
14	MESSAGE	Intrinsic layer; no WAIT IO pending.
15	MESSAGE	Intrinsic layer; no NOWAIT IO for specific file.
16	MESSAGE	Intrinsic layer; an invalid operation for this device type.

17	MESSAGE	Intrinsic layer; a privilege violation occurred.
18	MESSAGE	Intrinsic layer; a bounds violation occurred.
19	MESSAGE	Intrinsic layer; user does not have multiple RIN capability.
20	MESSAGE	Intrinsic layer; user does not have SAVE capability.
21	MESSAGE	Intrinsic layer; a SECURITY VIOLATION on file occurred.
22	MESSAGE	Intrinsic layer; missing item number or return variable.
23	MESSAGE	Intrinsic layer; a switch failure occurred.
24	MESSAGE	Intrinsic layer; an undefined error occurred.
25	MESSAGE	Intrinsic layer; an OVERFLOW trap occurred.
26	MESSAGE	Intrinsic layer; a CONDITIONAL TRAP occurred.
27	MESSAGE	Intrinsic layer; a FLOATING POINT TRAP occurred.
28	MESSAGE	Intrinsic layer; a data page fault has occurred.

29	MESSAGE	Intrinsic layer; a DATA MEMORY PROTECTION TRAP has occurred.
30	MESSAGE	Intrinsic layer; the reference to this file in this context is not vaild.
31	MESSAGE	Intrinsic layer; the item number passed was out of range.
32	MESSAGE	Intrinsic layer; the operation could not be completed because the file was not opened with exclusive access.
33	MESSAGE	Intrinsic layer; the user of the file must be the creator for this operation.
34	MESSAGE	Intrinsic layer; the operation desired is not consistent with the device type.
35	MESSAGE	Intrinsic layer; RENAME of a file across a volume set was attempted; this is an invalid operation.
36	MESSAGE	Intrinsic layer; the operation was not completed because a nonexistent group was specified.
37	MESSAGE	Intrinsic layer; the operation could not be completed because a nonexistent account was specified.
38	MESSAGE	Intrinsic layer; the operation could not be completed because a nonexistent file was specified.

39	MESSAGE	Intrinsic layer; the operation could not be completed because a nonexistent temporary file was specified.
40	MESSAGE	Intrinsic layer; the operation could not be completed because of insufficient disk space in the group.
41	MESSAGE	Intrinsic layer; the operation could not be completed because of insufficient disk space in the account.
42	MESSAGE	Intrinsic layer; the operation could not be completed because a duplicate permanent file name was specified.
43	MESSAGE	Intrinsic layer; the operation could not be completed because a duplicate temporary file name was specified.
44	MESSAGE	Intrinsic layer; the operation could not be completed because an I/O error occurred in the directory routines.
45	MESSAGE	Intrinsic layer; the operation could not be completed because the file equation used was invalid.
46	MESSAGE	Intrinsic layer; the operation could not be completed because a file equation is required but was not used.
47	MESSAGE	Intrinsic layer; STORGE MANAGEMENT control failed.

48	MESSAGE	The block size of the file is invalid. (FILE SYSTEM ERROR -48)
	CAUSE	The block size specified is not in the range of valid block sizes.
	ACTION	Specify a block size that is valid.
49	MESSAGE	No nowait I/O is outstanding for any file. (FILE SYSTEM ERROR -49)
	CAUSE	A nowait read or write was not initiated against any file prior to calling IOWAIT.
	ACTION	Initiate a nowait I/O prior to calling IOWAIT.
50	MESSAGE	A specified option value was invalid. (FILE SYSTEM ERROR -50)
	CAUSE	An improper value was passed into the intrinsic.
	ACTION	Consult the Intrinsics Manual for valid option values.
51	MESSAGE	The character set number must be between 0 and 31. (FILE SYSTEM ERROR -51)
	CAUSE	An improper character set number was specified.
	ACTION	Specify a valid character set number.
52	MESSAGE	The logical page number must be between 0 and 31. (FILE SYSTEM ERROR -52)
	CAUSE	An improper logical page number was specified.
	ACTION	Specify a valid logical page number.

53	MESSAGE	The number of copies must be between 1 and 32767. (FILE SYSTEM ERROR -53)
	CAUSE	An invalid number of copies was specified.
	ACTION	Specify a valid number of copies.
54	MESSAGE	The page length parm must be between 12 (=3") and 68 (=17"). (FILE SYSTEM ERROR -54)
	CAUSE	An invalid page length was specified.
	ACTION	Specify a valid page length.
55	MESSAGE	The form number must be between 0 and 31. (FILE SYSTEM ERROR -55)
	CAUSE	An invalid form number was specified.
	ACTION	Specify a valid form number.
56	MESSAGE	The number of overlays must be between 1 and 8. (FILE SYSTEM ERROR -56)
	CAUSE	An invalid number of overlays was specified.
	ACTION	Specify a valid number of overlays.
57	MESSAGE	The vertical format number must be between 0 and 31. (FILE SYSTEM ERROR -57)
	CAUSE	An invalid vertical format number was specified.
	ACTION	Specify a valid vertical format number.
58	MESSAGE	The picture number must be between 0 and 31. (FILE SYSTEM ERROR -58)
	CAUSE	An invalid picture nubmer was specified.
	ACTION	Specify a valid picture number.

59	MESSAGE	The extended capability parm must be 0 (off) or 1 (on). (FILE SYSTEM ERROR -59)
	CAUSE	An invalid value for the extended capability parm was specified.
	ACTION	Specify a valid value for the extended capability parm.
60	MESSAGE	The caller lacks sufficient capability to perform the requested operation. (FILE SYSTEM ERROR -60)
	CAUSE	A request was made to perform a privileged operation from an process lacking the necessary capabilities.
	ACTION	Acquire the necessary capabilities prior to calling the function.
61	MESSAGE	A matching UFID could not be found among the opened files for this process. (FILE SYSTEM ERROR -61)
	CAUSE	The target UFID file is not opened by the process.
	ACTION	No action is necessary.
62	MESSAGE	The specified file resides on a read-only volume. (FILE SYSTEM ERROR -62)
	CAUSE	An attempt was made to modify a file on a read-only volume.
	ACTION	Do not attempt to modify a file on a read-only volume.
63	MESSAGE	The filename cannot be expressed using the specified syntax. (FILE SYSTEM ERROR -63)
	CAUSE	The syntax requested to return the filename cannot name the file.
	ACTION	Request the filename in a different syntax.

64	MESSAGE	Renaming a file of the given file type is not supported. (FILE SYSTEM ERROR -64)
	CAUSE	An attempt was made to rename a file type that cannot be renamed.
	ACTION	Do not attempt to rename this file.
65	MESSAGE	The UID/GID database could not be found. (FILE SYSTEM ERROR -65)
	CAUSE	The files HPUID.PUB.SYS and HPGID.PUB.SYS do not exist.
	ACTION	Run PXUTIL.PUB.SYS to create the UID/GID database.
66	MESSAGE	User information was not found in the UID database. (FILE SYSTEM ERROR -66)
	CAUSE	There was no entry for this user in the UID database.
	ACTION	Run PXUTIL.PUB.SYS, or add the user to the database.
67	MESSAGE	File group information was not found in the GID database. (FILE SYSTEM ERROR -67)
	CAUSE	There was no entry for the file group in the GID database.
	ACTION	Run PXUTIL.PUB.SYS, or add the file group to the database.
68	MESSAGE	The caller lacks RACD capability. (FILE SYSTEM ERROR -68)
	CAUSE	The caller has not been granted RACD access to the file.
	ACTION	Have RACD access granted to the user.

69	MESSAGE	A component in the specified pathname is not a directory. (FILE SYSTEM ERROR -69)
	CAUSE	One of the intermediate components of a pathname is not a directory.
	ACTION	Supply a valid pathname.
74	MESSAGE	IS_END_OF_FILE: An instrinsic operation was attempted when the EOF was encountered.
	CAUSE	An instrinsic was called when the data pointer was pointing to the EOF.
	ACTION	Reposition the file data pointer to a valid record.
80	MESSAGE	An internal error occurred. (FILE SYSTEM ERROR -80)
	CAUSE	Something that can not happen did.
	ACTION	File an SR or contact an HP representative.
81	MESSAGE	The operation failed due to a lack of system resources. (FILE SYSTEM ERROR -81)
	CAUSE	One or more system resources were exhausted.
	ACTION	File an SR or contact an HP representative.
82	MESSAGE	FOPTIONs cannot express the physical attributes of this file. (FILE SYSTEM ERROR -82)
	CAUSE	One or more of the physical attributes of the file cannot be represented in the fields of the FOPTIONs.
	ACTION	Retrieve information about each of the file attributes with separate items.

83	MESSAGE	The operation cannot be completed due to the privilege level of the file. (FILE SYSTEM ERROR -83)
	CAUSE	An attempt has been made to create a file with a privilege level other than 3 outside of an MPE group.
	ACTION	Do not attempt this operation with a privileged file.
84	MESSAGE	The operation cannot be completed because the file is write protected. (FILE SYSTEM ERROR -84)
	CAUSE	This file has been protected from write access.
	ACTION	Do not attempt to alter this file.
85	MESSAGE	The operation cannot be completed because the file has a privileged file code. (FILE SYSTEM ERROR -85)
	CAUSE	An attempt has been made to create a file with a privileged file code outside of an MPE group.
	ACTION	Do not attempt this operation with a privileged file code file.
86	MESSAGE	The user lacks traverse access to one of the directory components in the path. (FILE SYSTEM ERROR -86)
	CAUSE	The security attributes of one of the directory components does not allow this user the ability to traverse through the directory.
	ACTION	Have the system or account manager allow the user TD access to the directory.

87	MESSAGE	The record type of this file is not recognized by the system. (FILE SYSTEM ERROR -87)
	CAUSE	A file has somehow been placed on the system that the system does not recognize.
	ACTION	Unlink the file to remove it.
88	MESSAGE	The file type of this file is not recognized by the system. (FILE SYSTEM ERROR -88)
	CAUSE	A file has somehow been placed on the system that the system does not recognize.
	ACTION	Unlink the file to remove it.
89	MESSAGE	The name of this file cannot be expressed in the requested syntax. (FILE SYSTEM ERROR -89)
	CAUSE	The name of this file is not expressable in the syntax requested.
	ACTION	Request the name in a different syntax.
90	MESSAGE	The operation completed due to a time-out. (FILE SYSTEM ERROR -90)
	CAUSE	The operation timed-out before it could be otherwise completed.
	ACTION	If necessary, retry the operation.
91	MESSAGE	The operation was halted due to an interrupt. (FILE SYSTEM ERROR -91)
	CAUSE	An interrupt occurred before the operation could complete.
	ACTION	If necessary, retry the operation.

92	MESSAGE	Files of this file type must reside in the MPE namespace. (FILE SYSTEM ERROR -92)
	CAUSE	An attempt was made to move this file outside the MPE namespace.
	ACTION	Do not attempt to move this file outside the MPE namespace.
93	MESSAGE	A component of the pathname specified does not exist. (FILE SYSTEM ERROR -93)
	CAUSE	One of the components of the path name does not exist.
	ACTION	Check the spelling of each component of the path.
94	MESSAGE	The user lacks create access (CD) to the directory in which a file is to be created. (FILE SYSTEM ERROR -94)
	CAUSE	The security attributes of the directory node do not allow the user to create an object in the directory.
	ACTION	Have the appropriate person allow CD access to this user.
95	MESSAGE	The user lacks delete access (DD) to the directory in which a file is to be removed. (FILE SYSTEM ERROR -95)
	CAUSE	The security attributes of the directory node do not allow the user to delete an object from the directory.
	ACTION	Have the appropriate person allow DD access to this user.
96	MESSAGE	The Storage Management Subsystem could not open this file. (FILE SYSTEM ERROR -96)
	CAUSE	The directory UFID entry for this file is probably invalid.
	ACTION	Run FSCHECK on the system.

97	MESSAGE	**Files in the specified file domain must remain in the MPE namespace. (FILE SYSTEM ERROR -97)**
	CAUSE	An attempt was made to place a file outside the MPE namespace in a file domain that only supports the MPE namespace.
	ACTION	Do not attempt to give this file a name outside the MPE namespace.
100	MESSAGE	**The name syntax that was specified is invalid. (FILE SYSTEM ERROR -100)**
	CAUSE	An invalid name syntax was specified.
	ACTION	Consult the Intrinsics Manual for valid syntax values.
101	MESSAGE	**A system file name was specified that was not known to the system. (FILE SYSTEM ERROR -101)**
	CAUSE	An invalid $xxxx name was specified.
	ACTION	Consult the Intrinsics Manual for valid system file names.
102	MESSAGE	**An invalid character was found in an MPE syntax name. (FILE SYSTEM ERROR -102)**
	CAUSE	An invalid MPE name was specified.
	ACTION	Make sure that the name contains only alphanumerics, . , /, and :.
103	MESSAGE	**A wildcard character was found in the name, and it was not allowed. (FILE SYSTEM ERROR -103)**
	CAUSE	A wildcard character was present in the name when it was not allowed.
	ACTION	Remove wildcard characters from the name.

104	MESSAGE	A back-referenced file specification is not allowed here. (FILE SYSTEM ERROR -104)
	CAUSE	A leading * was found in the name when it was not allowed.
	ACTION	Do not attempt to backreference the file to a file equation.
105	MESSAGE	System files are not allowed to be specified here. (FILE SYSTEM ERROR -105)
	CAUSE	A system file was specified when it was not allowed.
	ACTION	Do not attempt to specify a system file.
106	MESSAGE	A remote environment specification is not allowed here. (FILE SYSTEM ERROR -106)
	CAUSE	A remote environment was specified when it was not allowed.
	ACTION	Do not attempt to specify a remote environment.
107	MESSAGE	An invalid usage of a character class was attempted. (FILE SYSTEM ERROR -107)
	CAUSE	A character class specification was done improperly.
	ACTION	Refer to either the Intrinsics Manual or the Commands Reference Manual for information on properly specifying a character class.
108	MESSAGE	The name specified is missing the file name component. (FILE SYSTEM ERROR -108)
	CAUSE	The file name component of a name was not specified.
	ACTION	Make sure to specify the file name of the file.

109	MESSAGE	**The file name did not start with an alphabetic character. (FILE SYSTEM ERROR -109)**
	CAUSE	An illegal file name was specified.
	ACTION	Make sure the name specified conforms to the specified syntax rules.
110	MESSAGE	**The file name specified is exceeds the maximum legal length. (FILE SYSTEM ERROR -110)**
	CAUSE	The file name is too long.
	ACTION	Make sure the name conforms to the specified syntax rules.
111	MESSAGE	**The lockword in the backreferenced file name is illegal. (FILE SYSTEM ERROR -111)**
	CAUSE	The lockword in the backreferenced file name is illegal.
	ACTION	Specify a legal lockword.
112	MESSAGE	**Specifying a lockword in a wildcarded file name is illegal. (FILE SYSTEM -112)**
	CAUSE	Specifying a lockword in a wildcarded file name is illegal.
	ACTION	Do not specify a lockword in a wildcarded file name.
113	MESSAGE	**The lockword specification is missing. (FILE SYSTEM ERROR -113)**
	CAUSE	The lockword specification is missing.
	ACTION	Supply a lockword.

114	MESSAGE	The lockword specified did not start with an alphabetic character. (FILE SYSTEM ERROR -114)
	CAUSE	An illegal lockword was specified.
	ACTION	Specify a legal lockword.
115	MESSAGE	The lockword specified exceeds the maximum legal length. (FILE SYSTEM ERROR -115)
	CAUSE	The lockword is too long.
	ACTION	Specify a legal lockword.
116	MESSAGE	The group name is missing. (FILE SYSTEM ERROR -116)
	CAUSE	The group name is missing from the specified name.
	ACTION	Supply a group name, or remove the trailing period.
117	MESSAGE	The group name provided did not start with an alphabetic character. (FILE SYSTEM ERROR -117)
	CAUSE	An illegal group name was specified.
	ACTION	Supply a legal group name.
118	MESSAGE	The group name specified exceeds the maximum legal length. (FILE SYSTEM ERROR -118)
	CAUSE	The group name is too long.
	ACTION	Supply a legal group name.
119	MESSAGE	The account name is missing. (FILE SYSTEM ERROR -119)
	CAUSE	The account name is missing.
	ACTION	Supply an account name, or remove the trailing period.

120	MESSAGE	The account name specified did not start with an alphabetic character. (FILE SYSTEM ERROR -120)
	CAUSE	An illegal account name was specified.
	ACTION	Supply a legal account name.
121	MESSAGE	The account name specified exceeds the maximum legal length. (FILE SYSTEM ERROR -121)
	CAUSE	An illegal account name was specified.
	ACTION	Supply a legal account name.
122	MESSAGE	The remote environment specification is invalid. (FILE SYSTEM ERROR -122)
	CAUSE	The remote environment specification is invalid.
	ACTION	Supply a legal remote environment.
123	MESSAGE	NS3000 is not present on the system. (FILE SYSTEM ERROR -123)
	CAUSE	NS3000 has not been installed on the system.
	ACTION	Install NS3000, or do not attempt a remote file specification.
124	MESSAGE	The remote environment specification is missing. (FILE SYSTEM ERROR -124)
	CAUSE	The remote environment specification is missing.
	ACTION	Supply a remote environment, or remove the trailing colon.

125	MESSAGE	The remote environment exceeded the maximum legal length. (FILE SYSTEM ERROR -125)
	CAUSE	The remote environment specification was too long.
	ACTION	Supply a legal remote envirionment.
126	MESSAGE	A component of an HFS path exceeds the maximum legal length. (FILE SYSTEM ERROR -126)
	CAUSE	A HFS path component is too long.
	ACTION	Supply legal names in each component of the HFS pathname.
127	MESSAGE	The HFS path specification exceeds the maximum legal length. (FILE SYSTEM ERROR (-127)
	CAUSE	The HFS path name is too long.
	ACTION	Change the CWD to a lower point in the path name and use relative naming to specify the path name.
128	MESSAGE	The HFS path name exceeded the number of levels supported. (FILE SYSTEM ERROR -128)
	CAUSE	There are too many directory levels in the path name.
	ACTION	File an SR.
129	MESSAGE	A component of the HFS path name started with a hyphen (-). (FILE SYSTEM ERROR -129)
	CAUSE	An invalid HFS component name was specified.
	ACTION	Supply legal HFS component names.

130	MESSAGE	The HFS path name specified began with two slashes (//). (FILE SYSTEM ERROR -130)
	CAUSE	The path name began with two slashes.
	ACTION	Use only one leading slash.
131	MESSAGE	Lower case characters were detected and are not allowed. (FILE SYSTEM ERROR -131)
	CAUSE	While parsing the name, the system was not allowing lower case characters in this case and it found some.
	ACTION	Upshift the lowercase characters.
132	MESSAGE	The wildcarded name provided may match an incorrect syntax. (FILE SYSTEM WARNING 132)
	CAUSE	Wildcard character expansion may match names not in the specified syntax.
	ACTION	No action necessary.
133	MESSAGE	The syntax of the specified name cannot be determined. (FILE SYSTEM ERROR -133)
	CAUSE	The system could not determine the syntax of the name specified.
	ACTION	Specify a syntax parameter value, or express the name more clearly.
134	MESSAGE	A lockword specification was attempted, but it is not allowed. (FILE SYSTEM ERROR -134)
	CAUSE	A lockword was present, but the system does not allow them in this case.
	ACTION	Remove the lockword specification.

135	MESSAGE	An illegal attempt was made to escape to HFS syntax from an MPE only syntax name. (FILE SYSTEM ERROR -135)
	CAUSE	The name illegally started with either a dot (.) or a slash (/).
	ACTION	Use either MPE escaped syntax, or HFS syntax.
136	MESSAGE	An illegal character was found in the HFS path name. (FILE SYSTEM ERROR -136)
	CAUSE	An invalid character was in the HFS path name.
	ACTION	Remove the invalid character from the path name.
137	MESSAGE	Incompatible version of the file.
	CAUSE	An error occurred while trying to access afile label extension.
	ACTION	Call your HP Support Representative.
140	MESSAGE	Internal ACD corruption (equivalent to HOP_INTERNAL_ACD_ERROR.)
165	MESSAGE	Inserting a directory entry failed due to the system's directory limit.
	CAUSE	Inserting a directory entry failed because the directory size would exceed the system's limit for directory files.
	ACTION	Delete/purge some entries from the current directory or increase thedirectory limit.

173	MESSAGE	The caller lacks sufficient privilege to specify this read format option. (FILE SYSTEM ERROR -173)
	CAUSE	The caller is not privileged enough to be granted the requested read format option.
	ACTION	Do not request this option, or become sufficiently privileged.
174	MESSAGE	The Multiple Build Environment Facility has encountered an internal error. (FILE SYSTEM ERROR -174)
	CAUSE	An internal error was encountered by the MBE code.
	ACTION	Contact the appropriate HP personnel.
175	MESSAGE	A component of the path name specified is not a directory. (FILE SYSTEM ERROR -175)
	CAUSE	One of the intermediate path name components is not a directory.
	ACTION	Correct the invalid path name component.
176	MESSAGE	A name in the MPE namespace is required. (FILE SYSTEM ERROR -176)
	CAUSE	The name specified lies outside of the MPE namespace.
	ACTION	Make sure that the name provided is within the MPE namespace.
177	MESSAGE	The maximum number of hard links to the file has been exceeded. (FILE SYSTEM ERROR -177)
	CAUSE	There are too many pre-existing links to this file.
	ACTION	Remove some of the existing links, or use a different file.

178	MESSAGE	The user lacks the ability to purge this object. (FILE SYSTEM ERROR -178)
	CAUSE	The system security will not allow this user to purge the object.
	ACTION	Have the system manager grant the user the necessary access rights.
179	MESSAGE	The user lacks the ability to create an object. (FILE SYSTEM ERROR -179)
	CAUSE	The system security will not allow this user to create the object.
	ACTION	Have the system manager grant the user the necessary access rights.
180	MESSAGE	The user lacks the ability to traverse through a directory in the specified path. (FILE SYSTEM ERROR -180)
	CAUSE	The system security will not allow this user to traverse through a directory in the path.
	ACTION	Have the system manager grant the user the necessary access rights.
181	MESSAGE	The read format option contained an illegal value. (FILE SYSTEM ERROR -181)
	CAUSE	The value passed in with the read format option was not in the valid range.
	ACTION	Consult the Intrinsics Manual for valid values for this item.
182	MESSAGE	The length of the collating sequence table is too long. (FILE SYSTEM ERROR -182)
	CAUSE	The length of the collating sequence table is too long.
	ACTION	Reduce the size of the collating sequence table.

183	MESSAGE	HOP_KSM_MISSING_KSAMPARAM: There was no ksamparam array passed in for the creation of the KSAM file. Therefore, the open of the KSAM file failed.
	CAUSE	No ksamparam array was passed in.
	ACTION	Specify the ksamparam array when openning a new KSAM file.
184	MESSAGE	HOP_KSM_INVALID_KEY_LOC: An invalid key location was specified in the ksamparam array. Therefore, the open of the KSAM file failed.
	CAUSE	Either the key location specified is less than one or another key starts at the same location.
	ACTION	Change the key location so it is greater than zero and does not start at the same location as another key.
185	MESSAGE	HOP_KSM_INVALID_KEY_LEN: An invalid key length was specified in the ksamparam array. Therefore, the open of the KSAM file failed.
	CAUSE	Either the key length specified is invalid for the key type or the key length combined with the starting key location would extend the particular key beyond the record length.
	ACTION	Change the key length so it is valid for the key type or reduce the key length so that the particular key does not extend beyond the record length.
186	MESSAGE	HOP_KSM_INVALID_KEY_TYPE: An invalid key type was specified in the ksamparam array. Therefore, the open of the KSAM file failed.
	CAUSE	An invalid key type was specified in the ksamparam array.
	ACTION	Change the key type so that it is valid.

187	MESSAGE	HOP_KSM_OUT_OF_INDEX_SPACE: The space reserved for the index area in the file is full and has reached the start of the data area.
	CAUSE	This error should never occur during the open of a file. If this error occurs, then there is some internal error in the operating system.
	ACTION	Record the parameter values passed to FOPEN or HPFOPEN. Call your HP Support Representative.
188	MESSAGE	HOP_KSM_INVALID_KEY_COUNT: An invalid key count was passed in the ksamparam array. Therefore, the open of the KSAM file failed.
	CAUSE	The key count specified in the ksamparam array was not between 1 and 16.
	ACTION	Change the key count to be between 1 and 16.
189	MESSAGE	HOP_KSM_ATTACH_FAILED:The call to Transaction Management (XM) to attach a file for logging failed. Therefore, the open of the KSAM file failed.
	CAUSE	An internal MPE/iX error occurred.
	ACTION	Take a memory dump and call your HP Support Representative.
190	MESSAGE	HOP_KSM_UNSUPPORTED_LANGUAGE: An invalid language id was specified in the ksamparam array. Therefore, the open of the KSAM file failed.
	CAUSE	The language specified in the ksamparam array is not supported on MPE/iX.
	ACTION	Change the language to a supported language.

191	MESSAGE	HOP_KSM_NLS_ERROR: NLS detected an error while verifying that the language specified in the ksamparam is supported. Therefore, the open of the KSAM file failed.
	CAUSE	An internal NLS error occurred.
	ACTION	Record the parameter values passed to FOPEN and HPFOPEN. Call your HP Support Representative.
192	MESSAGE	HOP_KSM_XM_START_TRAN_FAILED: Transaction Management (XM) detected an error while starting a transaction. Therefore, the open of the KSAM file failed.
	CAUSE	An internal error occurred in MPE/iX.
	ACTION	Record the parameter values passed to FOPEN and HPFOPEN. Call your HP Support Representative.
193	MESSAGE	HOP_KSM_XM_END_TRAN_FAILED: Transaction Management (XM) detected an error while ending a transaction.
	CAUSE	An internal error occurred in MPE/iX.
	ACTION	Record the parameter values passed to FOPEN and HPFOPEN. Call your HP Support Representative.
194	MESSAGE	HOP_KSM_XM_TRAVERSE_TREE_ERROR: There was an error in the index pages detected while searching for the lowest primary key. Therefore, the open of the KSAM file failed.
	CAUSE	The KSAM file is corrupted.
	ACTION	Close the KSAM file, store it to tape, and call your HP Support Representative.

195	MESSAGE	HOP_KSM_INDEX_ERROR:There was an error in the index header for the index blocks. Therefore, the open of the KSAM file failed.
	CAUSE	The KSAM file is corrupted.
	ACTION	Close the KSAM file, store it to tape, and call your HP Support Representative.
196	MESSAGE	HOP_KSM_INVALID_DATA_PTR_CALCULATED: The calculation of the pointed to, lowest primary key, resulted in an invalid offset into the file. Therefore, the open of the KSAM file failed.
	CAUSE	The KSAM file is corrupted.
	ACTION	Close the KSAM file, store it to tape, and call your HP Support Representative.
198	MESSAGE	An item is present in the parameters passed to HPFOPEN, but the associated item number is missing; the item was ignored. (FILE OPEN WARNING 198)
	CAUSE	An item number is missing in the parameters passed to HPFOPEN. Usually, this is caused by two commas in a row ",,".
	ACTION	Always specify an item number when passing an item to HPFOPEN.

199	MESSAGE	An ITEMNUMBER is present in the parameters passed to HPFOPEN, but the associated item is missing; the ITEMNUMBER was ignored. (FILE OPEN WARNING 199)
	CAUSE	The item associated with an item number was not passed to HPFOPEN. The usual cause is two commas in a row ",,".
	ACTION	Except for item number zero, you must specify an item with all item numbers.
200	MESSAGE	The DOMAIN OPTION (item# 3) does not match the DOMAIN of the file, or two specified options conflict regarding the file's DOMAIN. (FILE OPEN WARNING 200).
	CAUSE	Usually, this is caused by specifing a NEW domain for a non-sharable device or by specifying two conflicting domains at the same time.
	ACTION	In general, this warning can be ignored. It's purpose is to indicate that HPFOPEN had to override one or more domain specifications.
201	MESSAGE	Two or more ITEMNUMS conflict. (FILE OPEN WARNING 201)
	CAUSE	This is usually caused by specifying a device name or device class and a volume name or volume class. Or, by specifying the same item number more than once.
	ACTION	Do not specify the same item number more than once. For the options that can be specified by more that one item number use only of the item numbers.

202	MESSAGE	The FORMALDESIGNATOR OPTION (item# 2) is invalid, or a bounds violation occurred on this option. (FILE OPEN ERROR 202)
	CAUSE	The formal designator contains invalid characters or the variable passed to the file system is not accessible by the caller.
	ACTION	Specify the formal designator correctly.
203	MESSAGE	The FILE DOMAIN OPTION (item# 3) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 203)
	CAUSE	The domain is not one of the valid domain values or the variable passed to the file system is not accessible by the caller.
	ACTION	Specify the domain correctly.
204	MESSAGE	The ASCII/BINARY OPTION (item# 53) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 204)
	CAUSE	The data type is not one of the valid data types or the variable passed to the file system is not accessible by the caller.
	ACTION	Specify the data type correctly.
205	MESSAGE	The RECORD FORMAT OPTION (item# 6) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 205)
	CAUSE	The record format is not one of the valid record formats or the variable passed to the file is not accessible by the caller.
	ACTION	Specify the record format correctly.

206	MESSAGE	The CARRIAGE CONTROL OPTION (item# 7) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 206)
	CAUSE	The carriage control is not a valid carriage control or the variable passed to the file system is not accessible by the caller.
	ACTION	Specify the carriage control correctly.
207	MESSAGE	The LABELED TAPE LABEL OPTION (item# 8) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 207)
	CAUSE	The tape label is not specified correctly or the variable passed to the file system is not accessible by the caller.
	ACTION	Specify the tape label correctly.
208	MESSAGE	The DISALLOW FILE EQUATION OPTION (item# 9) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 208)
	CAUSE	The DISALLOW FILE EQUATION OPTION is not specified correctly or the variable passed to the file system is not accessible by the caller.
	ACTION	Specify the DISALLOW FILE EQUATION OPTION correctly.
209	MESSAGE	The FILE TYPE OPTION (item# 10) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 209)
	CAUSE	The file type is not one of the valid file types or the variable passed to the file system is not accessible by the caller.
	ACTION	Specify the file type correctly.

210	MESSAGE	The ACCESS TYPE OPTION (item# 11) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 210)
	CAUSE	The access type is not one of the valid access types or the variable passed to the file system is not accessible by the caller.
	ACTION	Specify the access type correctly.
211	MESSAGE	The DYNAMIC LOCKING OPTION (item# 12) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 211)
	CAUSE	An INVALID DYNAMIC LOCKING option was specified or the variable passed to the file system is not accessible by the caller.
	ACTION	Specify the DYNAMIC LOCKING OPTION correctly.
212	MESSAGE	The EXCLUSIVE OPTION (item# 13) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 212)
	CAUSE	The EXCLUSIVE OPTION specified is not a valid exclusive option or the variable passed to the file system is not accessible by the caller.
	ACTION	Specify the EXCLUSIVE OPTION correctly.
213	MESSAGE	The MULTIRECORD OPTION (item# 15) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 213)
	CAUSE	The MULTI-RECORD OPTION was not specified correctly or the variable passed to the file system is not accessible by the caller.
	ACTION	Specify the MULTI-RECORD OPTION correctly.

214	MESSAGE	The MULTIACCESS OPTION (item# 14) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 214)
	CAUSE	The MULTI-ACCESS OPTION was not specified correctly or the variable passed to the file system is not accessible by the caller.
	ACTION	Specify the MULTI-ACCESS OPTION correctly.
215	MESSAGE	The NOWAIT I/O OPTION (item# 16) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 215)
	CAUSE	The NOWAIT I/O OPTION was not specified correctly or the variable passed to the file system is not accessible by the caller.
	ACTION	Specify the NOWAIT I/O OPTION correctly.
216	MESSAGE	The COPY MODE OPTION (item# 17) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 216)
	CAUSE	The COPY MODE OPTION was not specified correctly or the variable passed to the file system is not accessible by the caller.
	ACTION	Specify the COPY MODE OPTION correctly.
217	MESSAGE	The DESIGNATOR OPTION (item# 5) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 217)
	CAUSE	The specified designator is not one of the valid designator types or the variable passed to the file system is not accessible by the caller.
	ACTION	Specify a valid designator.

218	MESSAGE	Bounds violation occurred on either the SHORT MAPPED OPTION (item# 18), or on the LONG MAPPED OPTION (item# 21). (FILE OPEN ERROR 218)
	CAUSE	The pointer variable passed to HPFOPEN is not accessible by the caller.
	ACTION	Use only program-local variables when calling HPFOPEN.
219	MESSAGE	The RECORD SIZE OPTION (item# 19) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 219)
	CAUSE	The specified record size is not correct or the variable passed to the file system is not accessible by the caller.
	ACTION	Specify a valid record size.
220	MESSAGE	The DEVICE NAME OPTION (item# 20) is not valid, missing delimiters, or a bounds violation occurred on this option. (FILE OPEN ERROR 220)
	CAUSE	The specified device name contains one of the following errors: invalid characters, missing delimiters, invalid length, or the variable passed to the file system is not accessible by the caller.
	ACTION	Specify a valid device name using valid delimiters.

221	MESSAGE	The VOLUME CLASS OPTION (item# 22) is either invalid, missing delimiters, or a bounds violation occurred on this option. (FILE OPEN ERROR 221)
	CAUSE	The specified volume class name contains one or the following errors: invalid characters, missing delimiters, invalid length, or the variable passed to the file system is not accessible by the caller.
	ACTION	Specify a valid volume class name using valid delimiters.
222	MESSAGE	The VOLUME NAME OPTION (item# 23) is either invalid, missing delimiters, or a bounds violation occurred on this option. (FILE OPEN ERROR 222)
	CAUSE	The specified volume name contains one of the following errors: invalid characters, missing delimiters, invalid length or the variable passed to the file system is not accessible by the caller.
	ACTION	Specify a valid volume name using valid delimiters.
223	MESSAGE	The TAPE DENSITY OPTION (item# 24) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 223)
	CAUSE	The specified tape density is not a valid density or the variable passed to the file system is not accessible by the caller.
	ACTION	Specify the tape density correctly.



224	MESSAGE	The PRINTER ENVIRONMENT OPTION (item# 25) is either invalid, missing delimiters, or a bounds violation occurred on this option. (FILE OPEN ERROR 224)
	CAUSE	The specified environment file name contains one of the following errors: invalid characters, missing delimiters, invalid length or the variable passed to the file system is not accessible by the caller.
	ACTION	Specify a valid environment file name using valid delimiters.
225	MESSAGE	The REMOTE ENVIRONMENT OPTION (item# 26) is either invalid, missing delimiters, or a bounds violation occurred on this option. (FILE OPEN ERROR 225)
	CAUSE	The specified remote environment name contains one of the following errors: invalid characters, missing delimiters, invalid length of the variable passed to the file system is not accessible by the caller.
	ACTION	Specify a valid remote environment name using valid delimiters.
226	MESSAGE	The OUTPUT PRIORITY OPTION (item# 27) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 226)
	CAUSE	The specified printer priority is not a valid priority or the variable passed to the file system is not accessible by the caller. "
	ACTION	Specify a valid printer priority.
227	MESSAGE	The SPOOLED MESSAGE OPTION (item# 28) is either invalid, missing delimiters, or a bounds violation occurred on this option. (FILE OPEN ERROR 227)

229	MESSAGE	The LABELED TAPE TYPE OPTION (item# 30) is either invalid, missing delimiters, or a bounds violation occurred on this option. (FILE OPEN ERROR 229)
230	MESSAGE	The LABELED TAPE EXPIRATION OPTION (item# 31) is either invalid, missing delimiters, or a bounds violation occurred on this option. (FILE OPEN ERROR 230)
231	MESSAGE	The LABELED TAPE SEQUENCE OPTION (item# 32) is either invalid, missing delimiters, or a bounds violation occurred on this option. (FILE OPEN ERROR 231)
232	MESSAGE	The USER LABELS OPTION (item# 33) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 232)
233	MESSAGE	The SPOOLER COPIES OPTION (item# 34) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 233)
234	MESSAGE	The FILESIZE OPTION (item# 35) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 234)
235	MESSAGE	The INITIAL ALLOCATION OPTION (item# 36) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 235)
236	MESSAGE	The FILECODE OPTION (item# 37) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 236)

238	MESSAGE	The WILL-ACCESS OPTION (item# 39) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 238)
239	MESSAGE	The BLOCK FACTOR OPTION (item# 40) is not valid, or a bounds violation occurred on the option. (FILE OPEN ERROR 239)
240	MESSAGE	The FILE NAME SYNTAX OPTION (item# 41) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 240)
241	MESSAGE	The DEVICE CLASS OPTION (item# 42) is either invalid, missing delimiters, or a bounds violation occurred on this option. (FILE OPEN ERROR 241)
242	MESSAGE	A file equation is required, but a file equation for the file does not exist. (FILE OPEN ERROR 242)
243	MESSAGE	An invalid (unsupported) ITEMNUMBER was passed to HPFOPEN. (FILE OPEN ERROR 243)
244	MESSAGE	A bounds violation occurred on the pointer passed with the LONG MAPPED OPTION (item# 21). (FILE OPEN ERROR 244)
245	MESSAGE	The FORMALDESIGNATOR OPTION (item# 2) does not represent a valid MPE/iX file name. (FILE OPEN ERROR 245)
246	MESSAGE	Specifying REMOTE ACCESS with these options is not allowed. (FILE OPEN ERROR 246)

247	MESSAGE	The file does not exist in specified domain; the file was not found. (FILE OPEN ERROR 247)
248	MESSAGE	Access to this file is denied for the specified file access; a security violation occurred. (FILE OPEN ERROR 248)
249	MESSAGE	This file may not be opened with these options and the current user's privilege level; a priveleged file violation occurred. (FILE OPEN ERROR 249)
250	MESSAGE	The number of files opened for this process exceeds the maximum available. (FILE OPEN ERROR 250)
251	MESSAGE	An error occurred in FDEVICECONTROL while processing the specified printer environment file. (FILE SYSTEM ERROR -251)
	CAUSE	A failure in the FDEVICECONTROL intrinsic.
	ACTION	File an SR.
252	MESSAGE	The file may not be opened exclusively, because the file is already open. (FILE OPEN ERROR 252)
253	MESSAGE	The requested functionality is not currently implemented. (FILE OPEN ERROR 253)
254	MESSAGE	The file name is missing from the formal designator specification. (FILE OPEN ERROR 254)

255	MESSAGE	The file name starts with a nonalphabetic character. (FILE OPEN ERROR 255)
256	MESSAGE	The file name exceeds eight characters. (FILE OPEN ERROR 256)
257	MESSAGE	The file name contains a nonalphanumeric character. (FILE OPEN ERROR 257)
258	MESSAGE	The lockword starts with a nonalphabetic character. (FILE OPEN ERROR 258)
259	MESSAGE	The lockword exceeds eight characters. (FILE OPEN ERROR 259)
260	MESSAGE	The lockword contains a nonalphanumeric character. (FILE OPEN ERROR 260)
261	MESSAGE	The group name is missing from formal designator specification. (FILE OPEN ERROR 261)
262	MESSAGE	The group name starts with a nonalphabetic character. (FILE OPEN ERROR 262)
263	MESSAGE	The group name exceeds eight characters. (FILE OPEN ERROR 263)
264	MESSAGE	The group name contains a nonalphanumeric character. (FILE OPEN ERROR 264)

265	MESSAGE	The account name is missing from the formal designator specification. (FILE OPEN ERROR 265)
266	MESSAGE	The account name starts with a nonalphabetic character. (FILE OPEN ERROR 266)
267	MESSAGE	The account name exceeds eight characters. (FILE OPEN ERROR 267)
268	MESSAGE	The account name contains a nonalphanumeric character. (FILE OPEN ERROR 268)
269	MESSAGE	The remote environment or node name specified within a formal designator is null. (FILE OPEN ERROR 269)
270	MESSAGE	The node name or remote environment specification in the formal designator exceeds 80 characters. (FILE OPEN ERROR 270)
271	MESSAGE	The volume name specified on an existing file does not match the volume restrictions for that file. (HPFOPEN ERROR 271)
272	MESSAGE	The volume class specified does not match the volume restrictions for the existing file. (FILE OPEN ERROR 272)
273	MESSAGE	The creation of a file failed because of a duplicate permanent file. (FILE OPEN ERROR 273)

274	MESSAGE	The volume class does not reside in the volume set attached to the group in which the file is being opened. (FILE OPEN ERROR 274)
275	MESSAGE	The volume name does not reside in the volume class specified. (FILE OPEN ERROR 275)
276	MESSAGE	The volume name specified does not reside in the volume set attached to the group in which the file is being opened. (FILE OPEN ERROR 276)
277	MESSAGE	The procedure failed to allocate a new GDPD; there are too many multi-access files opened on the system. (FILE OPEN ERROR 277)
278	MESSAGE	The base of the option can not specify the option list.
279	MESSAGE	This message is reserved.
280	MESSAGE	Specifying the FORMALDESIGNATOR OPTION (item# 2) for this file type is invalid. (FILE OPEN ERROR 280)
281	MESSAGE	Specifying the DOMAIN OPTION (item# 3) for this file type is invalid. (FILE OPEN ERROR 281)
282	MESSAGE	To be provided.
283	MESSAGE	Specifying the DESIGNATOR OPTION (item# 5) for this file type is invalid. (FILE OPEN ERROR 283)

284	MESSAGE	Specifying the RECORD FORMAT OPTION (item# 6) for this file type is invalid. (FILE OPEN ERROR 284)
285	MESSAGE	Specifying the CARRIAGE CONTROL OPTION (item# 7) for this file type is invalid. (FILE OPEN ERROR 285)
286	MESSAGE	Specifying the LABELED TAPE LABEL OPTION (item# 8) for this file type is invalid. (FILE OPEN ERROR 286)
287	MESSAGE	Specifying the DISALLOW FILE EQUATION OPTION (item# 9) for this file type is invalid. (FILE OPEN ERROR 287)
288	MESSAGE	Specifying the FILE TYPE OPTION (item# 10) for this type of file is invalid; contact your SE. (FILE OPEN ERROR 288)
289	MESSAGE	Specifying the ACCESS TYPE OPTION (item# 11) for this file type is invalid. (FILE OPEN ERROR 289)
290	MESSAGE	Specifying the DYNAMIC LOCKING OPTION (item#12) for this file type is not valid. (FILE OPEN ERROR 290)
291	MESSAGE	Specifying the EXCLUSIVE OPTION (item# 13) for this file type is invalid. (FILE OPEN ERROR 291)
292	MESSAGE	Specifying the MULTIACCESS OPTION (item# 14) for this file type is invalid. (FILE OPEN ERROR 292)

293	MESSAGE	Specifying the MULTIRECORD OPTION (item# 15) for this file type is not valid. (FILE OPEN ERROR 293)
294	MESSAGE	Specifying the NOWAIT I/O OPTION (item# 16) for this file type is not valid. (FILE OPEN ERROR 294)
295	MESSAGE	Specifying the COPY MODE OPTION (item# 1) for this file type is not valid. (FILE OPEN ERROR 295)
296	MESSAGE	Specifying the SHORT MAPPED OPTION (item# 18) for this file type is not valid. (FILE OPEN ERROR 296)
297	MESSAGE	Specifying the RECORD SIZE OPTION (item# 19) for this file type is invalid. (FILE OPEN ERROR 297)
298	MESSAGE	Specifying the DEVICE NAME OPTION (item# 20) for this file type is invalid. (FILE OPEN ERROR 298)
299	MESSAGE	Specifying the LONG MAPPED OPTION (item# 21) for this file type is invalid. (FILE OPEN ERROR 299)
300	MESSAGE	Specifying the VOLUME CLASS OPTION (item# 22) for this file type is invalid. (FILE OPEN ERROR 300)
301	MESSAGE	Specifying the VOLUME NAME OPTION (item# 23) for this file type is invalid. (FILE OPEN ERROR 301)
302	MESSAGE	Specifying the DENSITY OPTION (item# 24) for this file type is invalid. (FILE OPEN ERROR 302)

303	MESSAGE	Specifying the PRINTER ENVIRONMENT OPTION (item# 25) for this file type is invalid. (FILE OPEN ERROR 303)
304	MESSAGE	Specifying the REMOTE ENVIRONMENT OPTION (item# 26) for this file type is invalid. (FILE OPEN ERROR 304)
305	MESSAGE	Specifying the OUTPUT PRIORITY OPTION (item# 27) for this file type is invalid. (FILE OPEN ERROR 305)
306	MESSAGE	Specifying the SPOOLED MESSAGE OPTION (item# 28) for this file type is invalid. (FILE OPEN ERROR 306)
307	MESSAGE	Specifying the PRIVILEGED ACCESS OPTION (item# 29) for this file type is invalid. (FILE OPEN ERROR 307)
308	MESSAGE	Specifying the LABELED TAPE TYPE OPTION (item# 30) for this file type is invalid. (FILE OPEN ERROR 308)
309	MESSAGE	Specifying the LABELED TAPE EXPIRATION OPTION (item# 31) for this file is invalid. (FILE OPEN ERROR 309)
310	MESSAGE	Specifying the LABELED TAPE SEQUENCE OPTION (item# 32) for this file type is invalid. (FILE OPEN ERROR 310)
311	MESSAGE	Specifying the USER LABELS OPTION (item# 33) for this file type is invalid. (FILE OPEN ERROR 311)

312	MESSAGE	Specifying the SPOOLER COPIES OPTION (item# 34) for this file type is invalid. (FILE OPEN ERROR 312)
313	MESSAGE	Specifying the FILESIZE OPTION (item# 35) for this file type is invalid. (FILE OPEN ERROR 313)
314	MESSAGE	Specifying the INITIAL ALLOCATION OPTION (item# 36) for this file type is invalid. (FILE OPEN ERROR 314)
315	MESSAGE	Specifying the FILECODE OPTION (item# 37) for this file type is invalid. (FILE OPEN ERROR 315)
316	MESSAGE	Specifying the FILE PRIVILEGE OPTION (item# 38) for this file type is invalid. (FILE OPEN ERROR 316)
317	MESSAGE	Specifying the WILL ACCESS OPTION (item# 39) for this file type is invalid. (FILE OPEN ERROR 317)
318	MESSAGE	Specifying the BLOCK FACTOR OPTION (item# 40) for this file type is invalid. (FILE OPEN ERROR 318)
319	MESSAGE	Specifying the NAME SYNTAX OPTION (item# 41) for this file type is invalid. (FILE OPEN ERROR 319)
320	MESSAGE	Specifying the DEVICE CLASS OPTION (item# 42) for this file type is invalid. (FILE OPEN ERROR 320)
321	MESSAGE	Specifying the UFID OPTION (item# 43) for this file type is invalid. (FILE OPEN ERROR 321)

322	MESSAGE	Specifying the NUMBUFFERS OPTION (item# 44) for this file type is invalid. (FILE OPEN ERROR 322)
323	MESSAGE	Specifying the FILL CHARACTER OPTION (item# 45) for this file type is invalid. (FILE OPEN ERROR 323)
324	MESSAGE	Specifying the INHIBIT BUFFERING OPTION (item# 46) for this file type is invalid. (FILE OPEN ERROR 324)
325	MESSAGE	Specifying the NUMEXTENTS OPTION (item# 47) for this file type is invalid. (FILE OPEN ERROR 325)
326	MESSAGE	Specifying the REVERSE VT OPTION (item# 48) for this file type is invalid. (FILE OPEN ERROR 326)
327	MESSAGE	Specifying the PIN OPTION (item# 49) for this file type is invalid. (FILE OPEN ERROR 327)
328	MESSAGE	Specifying the FINAL DISPOSITION OPTION (item# 50) for this file type is invalid. (FILE OPEN ERROR 328)
329	MESSAGE	Specifying the PASCAL XL STRING OPTION (item# 51) for this file type is invalid. (FILE OPEN ERROR 329)
330	MESSAGE	Specifying the FILE EQUATION STRING OPTION (item# 52) for this file type is invalid. (FILE OPEN ERROR 330)
331	MESSAGE	Specifying the ASCII/BINARY OPTION (item# 53) for this file type is invalid. (FILE OPEN ERROR 331)

332	MESSAGE	Specifying the KSAM PARMS OPTION (item# 54) for this file type is invalid. (FILE OPEN ERROR 332)
333	MESSAGE	Specifying the RAW OPTION (item# 55) for this file type is invalid. (FILE OPEN ERROR 333)
334	MESSAGE	Specifying the OBJECT CLASS OPTION (item# 56) for this file type is invalid. (FILE OPEN ERROR 334)
335	MESSAGE	Specifying the VARIABLE ACCESS RIGHTS OPTION (item# 57) for this file type is invalid. (FILE OPEN ERROR 335)
336	MESSAGE	Specifying the UNPROTECTED OPTION (item# 58) for this file type is invalid. (FILE OPEN ERROR 336)
337	MESSAGE	Specifying the SYSTEM OBJECT CLASS OPTION (item# 59) for this file type is invalid. (FILE OPEN ERROR 337)
338	MESSAGE	Specifying the FILE PID OPTION (item# 60) for this file type is invalid. (FILE OPEN ERROR 338)
339	MESSAGE	Specifying the ACCESS RIGHTS OPTION (item# 61) for this file type is invalid. (FILE OPEN ERROR 339)

340	MESSAGE	**Lockword on file being referenced cannot be specified.**
	CAUSE	Specifying a lockword for a file accessed as a raw or referencing a file with a lockword using POSIX name syntax is prohibited.
	ACTION	In the case of raw mode access to a file, don't specify a lockword. In the case of name syntax, use only MPE or MPE Escaped name syntax when referencing a file with a lockword.
343	MESSAGE	**It is illegal to specify the file close privilege option in this context. (FILE SYSTEM ERROR -343)**
	CAUSE	The file close privilege option was specified in an illegal context.
	ACTION	Do not specify the file close privilege option.
344	MESSAGE	**It is illegal to specify the raw open option in this context. (FILE SYSTEM ERROR -344)**
	CAUSE	The raw open option was specified in an illegal context.
	ACTION	Do not specify the raw open option.
345	MESSAGE	**The caller lacks the necessary privilege level to call the raw open option. (FILE SYSTEM ERROR -345)**
	CAUSE	The caller is not privileged enough to call the raw open option.
	ACTION	Acquire the necessary privileges before calling with this option.

346	MESSAGE	The value passed in with the raw open option is not valid. (FILE SYSTEM ERROR -346)
	CAUSE	A bad file label image was passed to HPFOPEN.
	ACTION	Ensure only valid file labels are passed to HPFOPEN.
350	MESSAGE	The VIRTUAL ADDRESS is nil.
360	MESSAGE	The GUFD PTR is nil.
361	MESSAGE	Both the LONG (item# 21) and SHORT MAPPED (item# 18) OPTIONS were specified; this is a conflict. (FILE OPEN ERROR 361)
362	MESSAGE	The UFID OPTION (item# 43) is invalid, or a bounds violation occurred on this option. (FILE OPEN ERROR 362)
363	MESSAGE	The file could not be found because insufficient options were specified. (FILE OPEN ERROR 363)
364	MESSAGE	Opening a user-mapped, variable length file for write access is not allowed. (FILE OPEN ERROR 364)
365	MESSAGE	An internal inconsistency was found within the file system data structures; contact your HP Service Representative. (FILE OPEN ERROR 365)
366	MESSAGE	The options specified can not be supplied to the COMPATIBILITY MODE FILE SYSTEM. (FILE OPEN ERROR 366)

367	MESSAGE	A bounds violation occurred on the formal designator. (FILE OPEN ERROR 367)
368	MESSAGE	The FILE TYPE OPTION in the options is not valid. (FILE OPEN ERROR 368)
369	MESSAGE	The record format in the AOPTIONS is not valid. (FILE OPEN ERROR 369)
370	MESSAGE	The DOMAIN is not valid. (FILE OPEN ERROR 370)
371	MESSAGE	The MULTIACCESS OPTION in the AOPTIONS is not valid. (FILE OPEN ERROR 371)
372	MESSAGE	The EXCLUSIVE OPTION in the AOPTIONS is not valid. (FILE OPEN ERROR 372)
373	MESSAGE	The ACCESS OPTION in the AOPTIONS is not valid. (FILE OPEN ERROR 373)
374	MESSAGE	The RECORD SIZE PARAMETER is not valid. (FILE OPEN ERROR 374)
375	MESSAGE	A bounds violation occurred on the DEVICE parameter. (FILE OPEN ERROR 375)
376	MESSAGE	A bounds violation occurred on the FORMS MESSAGE parameter. (FILE OPEN ERROR 376)
377	MESSAGE	The number of USER LABELS specified is invalid. (FILE OPEN ERROR 377)

378	MESSAGE	The BLOCKFACTOR parameter is out of range. (FILE OPEN ERROR 378)
379	MESSAGE	The PRICOPBUFS parameter is invalid. (FILE OPEN ERROR 379)
380	MESSAGE	The FILE SIZE parameter is invalid. (FILE OPEN ERROR 380)
381	MESSAGE	The EXTENT parameter is invalid. (FILE OPEN ERROR 381)
382	MESSAGE	The FILECODE parameter is invalid. (FILE OPEN ERROR 382)
383	MESSAGE	The DEVICE NAME parameter is invalid. (FILE OPEN ERROR 383)
384	MESSAGE	Missing delimiter in DEVICE STRING after device options. (FILE OPEN ERROR 384)
385	MESSAGE	The LDEV is ZERO; this is not valid. (FILE OPEN ERROR 385)
386	MESSAGE	The DEVICE CLASS is invalid. (FILE OPEN ERROR 386)
387	MESSAGE	The DEVICE CLASS NAME exceeds eight characters in length. (FILE OPEN ERROR 387)
388	MESSAGE	The DEVICE OPTIONS after the device name are invalid. (FILE OPEN ERROR 388)
389	MESSAGE	The FORMS LENGTH is too large. (FILE OPEN ERROR 389)

390	MESSAGE	The TAPE LABEL exceeds 16 characters. (FILE OPEN ERROR 390)
391	MESSAGE	The EXPIRATION DATE for LABELED TAPES exceeds the maximum length for dates. (FILE OPEN ERROR 391)
392	MESSAGE	The LABELED TAPE SEQUENCE parameter is too long. (FILE OPEN ERROR 392)
393	MESSAGE	The TAPE TYPE is not one of IBM or ANS. (FILE OPEN ERROR 393)
394	MESSAGE	The DELIMITER is missing in the FORMS message (after the labelled tape information). (FILE OPEN ERROR 394)
395	MESSAGE	There is a comma missing in the DEVICE specification. (FILE OPEN ERROR 395)
396	MESSAGE	The DENSITY OPTION is not valid. (FILE OPEN ERROR 396)
397	MESSAGE	The number of buffers specified is invalid. (FILE OPEN ERROR 397)
398	MESSAGE	The FILL CHARACTER OPTION (item# 45) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 398)
399	MESSAGE	The INHIBIT BUFFERING OPTION (item# 46) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 399)

400	MESSAGE	The NUMEXTENTS OPTION (item# 47) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 400)
401	MESSAGE	New files may not be opened using the UFID OPTION (item# 43) if the file has not been saved as a permanent file. (FILE OPEN ERROR 401)
402	MESSAGE	File creation failed during directory insertion due to security violations. (FILE OPEN ERROR 402)
403	MESSAGE	The PIN OPTION (item# 49) was specified by a caller executing at an incorrect PRIVILEGE level. (FILE OPEN ERROR 403)
404	MESSAGE	The PIN parameter is invalid. (FILE OPEN ERROR 404)
405	MESSAGE	The maximum BLOCK SIZE was exceeded for a file with variable length records. (FILE OPEN ERROR 405)
406	MESSAGE	The file type specified in the FILE TYPE OPTION (item# 10) is not supported. (FILE OPEN ERROR 406)
407	MESSAGE	No file exists at the PIN and file number specified. (FILE BESTOW ERROR 407)
408	MESSAGE	Can not bestow a nonNATIVE MODE FILE. (FILE BESTOW ERROR 408)
409	MESSAGE	The FROM file does not exist (is not opened). (FILE BESTOW ERROR 409)

410	MESSAGE	Opening of a DIRECTORY file failed because allocation of a PLFD failed. (PROCESS CREATION ERROR 410)
411	MESSAGE	The PLFD TABLE has been corrupted; contact your SE. (PROCESS CREATION ERROR 411)
412	MESSAGE	Opening of a directory file failed. (PROCESS CREATION ERROR 412)
413	MESSAGE	Redirection of STDIN and STDLIST is not supported. (PROCESS CREATION ERROR 413)
414	MESSAGE	FCLOSE of a reserved file failed. (PROCESS CREATION ERROR 414)
415	MESSAGE	Opening of $STDIN failed. (PROCESS CREATION ERROR 415)
416	MESSAGE	Opening of $STDLIST failed. (PROCESS CREATION ERROR 416)
417	MESSAGE	Opening of $STDERR failed. (PROCESS CREATION ERROR 417)
418	MESSAGE	Opening of $PROGRAM failed. (PROCESS CREATION ERROR 418)
419	MESSAGE	The file system failed to locate the FATHER'S ROOT GUFD. (PROCESS CREATION ERROR 419)
420	MESSAGE	Opening the ROOT DIRECTORY file failed. (PROCESS CREATION ERROR 420)

421	MESSAGE	The file system failed to locate the FATHER'S ACCOUNT directory GUFD. (PROCESS CREATION ERROR 421)
422	MESSAGE	Opening of the ACCOUNT directory failed. (PROCESS CREATION ERROR 422)
423	MESSAGE	The file system failed to locate the FATHER'S GROUP directory GUFD. (PROCESS CREATION ERROR 423)
424	MESSAGE	Opening of the GROUP directory failed. (PROCESS CREATION ERROR 424)
425	MESSAGE	The file system failed to locate the FATHER'S TEMPORARY directory GUFD. (PROCESS CREATION ERROR 425)
426	MESSAGE	Opening of the TEMPORARY directory failed. (PROCESS CREATION ERROR 426)
427	MESSAGE	Upon closing a reserved file and reopening the system file, the file number returned from the OPEN operation does not match the reserved file number. (PROCESS CREATION ERROR 427)
428	MESSAGE	The FATHER'S directory file is not a NATIVE MODE file. (PROCESS CREATION ERROR 428)
429	MESSAGE	Dynamic LOCKING was specified, yet the previous OPEN of the file did not specify dynamic LOCKING. (FILE OPEN ERROR 429)

430	MESSAGE	Dynamic LOCKING was specified on a previous OPEN of this file, and dynamic LOCKING was not specified on this call to HPFOPEN. (FILE OPEN ERROR 430)
431	MESSAGE	The FINAL DISPOSITION OPTION (item# 50) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 431)
432	MESSAGE	The file name specified begins with a dollar sign ('$') and is not a valid standard file name. (FILE OPEN ERROR 432)
433	MESSAGE	A back-referenced file equation does not exist. (FILE OPEN ERROR 433)
434	MESSAGE	The specified syntax option is not currently implemented. (FILE OPEN ERROR 434)
435	MESSAGE	The switch to COMPATIBILITY MODE FOPEN failed; contact your SE. (FILE OPEN ERROR 435)
436	MESSAGE	There is an invalid character in the device string. (FILE OPEN ERROR 436)
437	MESSAGE	$OLDPASS was not passed in for a file. (FILE OPEN ERROR 437)
438	MESSAGE	The COMPATIBILITY MODE AFT index does not match the NATIVE MODE PLFD index, implying the use of an AFT without going through the standard file open mechanism. (FILE OPEN ERROR 438)

439	MESSAGE	The record format specified is not compatible with the device type or file type specified. (FILE OPEN ERROR 439)
440	MESSAGE	The entry point specified is not valid. (FILE OPEN ERROR 440)
441	MESSAGE	The creation of the COMPATIBILITY MODE disk file failed. (FILE OPEN ERROR 441)
442	MESSAGE	The file type field of the FOPTIONS does not contain a valid file type. (FILE OPEN ERROR 442)
443	MESSAGE	The file system is unable to obtain the COMPATIBILITY MODE information for a COMPATIBILITY MODE file type. (FILE OPEN ERROR 443)
444	MESSAGE	A file access rights entry does not exist for the specified file. (FILE ACCESS RIGHTS ERROR 444)
445	MESSAGE	No more file entries can be added to the FILE ACCESS RIGHTS TABLE. (FILE ACCESS RIGHTS ERROR 445)
446	MESSAGE	The creation of the FILE ACCESS RIGHTS TABLE failed. (FILE ACCESS RIGHTS ERROR 446)
447	MESSAGE	The FILE EQUATION STRING OPTION (item# 52) contains an invalid character. (FILE OPEN ERROR 447)

448	MESSAGE	The FILE EQUATION STRING OPTION (item# 52) is either inaccessible at the caller's privilege level (bounds violation) or is missing a delimiter. (FILE OPEN ERROR 448)
449	MESSAGE	The FILE EQUATION STRING option (item# 52) is not in a valid file equation form. (FILE OPEN ERROR 449)
450	MESSAGE	There is an invalid character in FILE EQUATION STRING OPTION (item# 52). (FILE OPEN ERROR 450)
451	MESSAGE	The TEMPORARY FILE specified does not exist; the file was not found. (FILE OPEN ERROR 451)
452	MESSAGE	Both READ and WRITE must be specified as either NOWAIT or WAIT for this type of file. (FILE OPEN ERROR 452)
453	MESSAGE	The group specified does not exist in the account; the group was not found. FILE OPEN ERROR 453)
454	MESSAGE	The account specified does not exist on the system; the account was not found. (FILE OPEN ERROR 454)
455	MESSAGE	The PASCAL XL STRING OPTION (item# 51) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 455)

456	MESSAGE	The file could not be opened because the file is being restored or stored, the file is already open, or write access is not allowed because the file is already open in a way which does not allow subsequent writers. (FILE OPEN ERROR 456)
457	MESSAGE	An unknown error was returned from STORAGE MANAGEMENT. (FILE OPEN ERROR 457)
458	MESSAGE	There is no more disk space left on the device; out of disk space. (FILE OPEN ERROR 458)
459	MESSAGE	The specified extent size is not valid. (FILE OPEN ERROR 459)
460	MESSAGE	A system error has occurred and was backed out with no system damage. (FILE OPEN ERROR 460)
	CAUSE	An ABORTIO occurred while trying to FOPEN a configured, but non-existent device.
	ACTION	Either add the device or use another.
461	MESSAGE	The maximum number of files for the operating system has been exceeded. (FILE OPEN ERROR 461)
462	MESSAGE	The MAPPING OPTIONS for the file are not correct. (FILE OPEN ERROR 462)
463	MESSAGE	A privileged file code violation occurred. (FILE OPEN ERROR 463)
464	MESSAGE	The file's privilege level exceeds the caller's access privilege level. (FILE OPEN ERROR 464)

465	MESSAGE	The access privilege level exceeds the caller's privilege level. (FILE OPEN ERROR 465)
466	MESSAGE	EXECUTE access was specified by a nonprivileged caller. (FILE OPEN ERROR 466)
467	MESSAGE	NOWAIT I/O was requested by a nonprivileged caller. (FILE OPEN ERROR 467)
468	MESSAGE	The file size exceeds two gigabytes. (FILE OPEN ERROR 468)
469	MESSAGE	The specified LOCKWORD does not match the LOCKWORD associated with the file; this is a LOCKWORD violation. (FILE OPEN ERROR 469)
470	MESSAGE	PRIVILEGE violation occurred. (FILE OPEN ERROR 470)
471	MESSAGE	A BOUNDS violation occurred on the status parameter. (FILE OPEN ERROR 471)
472	MESSAGE	A BOUNDS violation occurred on the file number parameter. (FILE OPEN ERROR 472)
473	MESSAGE	The file number for "GET THE PLABEL" for a message file is invalid.
474	MESSAGE	No PLABEL was found; contact your HP Service Representative.

475	MESSAGE	The RAW OPTION (item# 55) was specified, but the caller was not executing at the required PRIVILEGE level to use this privileged feature. (FILE OPEN ERROR 475)
476	MESSAGE	A BOUNDS violation occurred on the RAW OPTION (item# 55). (FILE OPEN ERROR 476)
477	MESSAGE	The version number in the file label passed with the RAW OPTION (item# 55) is not correct for this version of the fsle System. (FILE OPEN ERROR 477)
478	MESSAGE	The file label passed with the RAW OPTION (item# 55) is not a valid file label. (FILE OPEN ERROR 478)
479	MESSAGE	The CREATE domain can not be used with the RAW OPTION (item# 55). (FILE OPEN ERROR 479)
480	MESSAGE	The PERMANENT, TEMPORARY, or OLD domains can not be used with the RAW OPTION (item# 55). (FILE OPEN ERROR 480)
481	MESSAGE	The system-defined file $NULL can not be opened for user-mapped access. (FILE OPEN ERROR 481)
482	MESSAGE	The specified environment file could not be opened. (FILE SYSTEM ERROR -482)
	CAUSE	The open of the specified environment file failed.
	ACTION	Ensure that the environment file is made accessible.

483	MESSAGE	**The specified environment file is not a valid printer environment file. (FILE SYSTEM ERROR -483)**
	CAUSE	The environment file is not valid.
	ACTION	Check the file code and record size.
484	MESSAGE	**The specified environment file has not been compiled. (FILE SYSTEM ERROR -484)**
	CAUSE	An uncompiled environment file has been specified.
	ACTION	Compile the specified environment file.
485	MESSAGE	**The header record in the specified environment file is not valid. (FILE SYSTEM ERROR -485)**
	CAUSE	The environment file is probably corrupted.
	ACTION	Replace the environment file.
486	MESSAGE	**An error occurred while reading the specified environment file. (FILE SYSTEM ERROR -486)**
	CAUSE	An error occurred while reading the environment file.
	ACTION	Copy the environment file to another file and retry the operation.
487	MESSAGE	**An error occurred while closing the specified environment file. (FILE SYSTEM ERROR -487)**
	CAUSE	An error occurred while closing the environment file.
	ACTION	No action is necessary.

488	MESSAGE	Opening this file by UFID is prohibited.
	CAUSE	An attempt was made to open by ufid a file whose parent is a directory in the hierarchical file system (HFS) or a file which is a HFS directory itself. This is prohibited to non-system code software.
	ACTION	Either establist the calling software as system code or do not attempt open by ufid on such files.
490	MESSAGE	The SHORT MAPPED file space used by the process exceeds the maximum allowed per process. (FILE OPEN ERROR 490)
491	MESSAGE	The OBJECT CLASS OPTION (item# 56) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 491)
492	MESSAGE	The VOLUME NAME specified does not exist in the volume set associated with the file's group. (FILE OPEN ERROR 492)
493	MESSAGE	A VOLUME MANAGEMENT error occurred. (FILE OPEN ERROR 493)
494	MESSAGE	The VOLUME SET associated with the file's group does not exist. (FILE OPEN ERROR 494)
495	MESSAGE	The VOLUME CLASS does not exist in the volume set. (FILE OPEN ERROR 495)
496	MESSAGE	The specified VOLUME CLASS is not mounted. (FILE OPEN ERROR 496)

497	MESSAGE	The specified VOLUME is not MOUNTED. (FILE OPEN ERROR 497)
498	MESSAGE	The specified VOLUME is not defined in the group's volume set. (FILE OPEN ERROR 498)
499	MESSAGE	The VOLUME SPECIFICATION is not valid; check the VOLUME CLASS OPTION (item# 22) and/or the VOLUME NAME OPTION (item# 23). (FILE OPEN ERROR 499)
500	MESSAGE	A DIRECTORY SERVICES ERROR occurred. (FILE OPEN ERROR 500)
501	MESSAGE	The caller lacks the SAVE FILE (SF) capability. (FILE OPEN ERROR 501)
502	MESSAGE	An invalid PARAMETER has been detected. This error may also occur on unimplemented parameter values. (FILE OPEN ERROR 502)
503	MESSAGE	The PRIVILEGED ACCESS OPTION (item# 29) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 503)
504	MESSAGE	The USER NAME does not exist in the directory. (FILE OPEN ERROR 504)
505	MESSAGE	The VSD does not exist.
506	MESSAGE	You do not have SAVE ACCESS for the specified GROUP. (FILE OPEN ERROR 506)

507	MESSAGE	You do not have SAVE ACCESS for the specified account. (FILE OPEN ERROR 507)
508	MESSAGE	The request would exceed the permanent file space limit for the specified group. (FILE OPEN ERROR 508)
509	MESSAGE	The request would exceed the permanent file space limit for the specified account. (FILE OPEN ERROR 509)
510	MESSAGE	The FILE PRIVILEGE OPTION (item# 38) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 510)
511	MESSAGE	The volume set specified is closed; the file can not be opened on the volume set at this time. (FILE OPEN ERROR 511)
512	MESSAGE	The VARIABLE ACCESS RIGHTS OPTION (item# 57) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 512)
513	MESSAGE	The specified device name represents a sharable device. The DEVICE NAME OPTION (item# 20) may be used to specify nonsharable devices only. (FILE OPEN ERROR 513)
514	MESSAGE	The specified device class represents a sharable device. The DEVICE CLASS OPTION (item# 42) may be used to specify nonsharable devices only. (FILE OPEN ERROR 514)

515	MESSAGE	The UNPROTECTED OPTION (item# 58) was specified, but the caller was not at the required privilege level to use this privileged option. (FILE OPEN ERROR 515)
516	MESSAGE	The UNPROTECTED OPTION (item# 58) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 516)
517	MESSAGE	The UNPROTECTED OPTION (item# 58) was specified, yet the previous open of the file did not specify the UNPROTECTED OPTION. (FILE OPEN ERROR 517)
518	MESSAGE	The UNPROTECTED OPTION (item# 58) was specified on a previous open of this file, but the option was not specified by the current accessor of the file. (FILE OPEN ERROR 518)
519	MESSAGE	The PRIVILEGED ACCESS OPTION (item# 29) was specified for an unprotected file, and the specified access privilege level is greater than level 1. This is not allowed for unprotected files. (FILE OPEN ERROR 519)
520	MESSAGE	The SYSTEM OBJECT CLASS OPTION (item# 59) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 520)
521	MESSAGE	Both the OBJECT CLASS OPTION (item# 56) and SYSTEM OBJECT CLASS OPTION (item# 59) were specified; this is a conflict. (FILE OPEN ERROR 521)

522	MESSAGE	The file size is greater than 4 megabytes for a short mapped file. (FILE OPEN ERROR 522)
523	MESSAGE	The COMPATIBILITY MODE file could not be created. (FILE OPEN ERROR 523)
524	MESSAGE	Mountable volumes are not enabled. (FILE OPEN ERROR 524)
525	MESSAGE	The operator denied access to the private volume; the file could not be OPENED. (FILE OPEN ERROR 525)
526	MESSAGE	A CLOSE is pending on the volume set; the file can not be OPENED. (FILE OPEN ERROR 526)
527	MESSAGE	A sharable device specification was expected, but a nonsharable device was specified. (File Open error 527)
528	MESSAGE	The file system is unable to START a transaction.
529	MESSAGE	The file system is unable to END a transaction.
530	MESSAGE	The VARIABLE ACCESS RIGHTS OPTION (item# 57) was specified by a caller executing at an incorrect privilege level. (FILE OPEN ERROR 530)
531	MESSAGE	The FILE PID OPTION (item# 60) was specified by a caller executing at an incorrect privilege level. (FILE OPEN ERROR 531)

532	MESSAGE	The ACCESS RIGHTS OPTION (item# 61) was specified by a caller executing at an incorrect privilege level. (FILE OPEN ERROR 532)
533	MESSAGE	The FILE PID OPTION (item# 60) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 533)
534	MESSAGE	The ACCESS RIGHTS OPTION (item# 61) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 534)
535	MESSAGE	A MAPPED ACCESS OPTION (item# 18 or 21) was specified along with the FILE PID OPTION (item# 60); this is not allowed. (FILE OPEN ERROR 535)
536	MESSAGE	A MAPPED ACCESS OPTION (item# 18 or 21) was specified along with the VARIABLE ACCESS RIGHTS OPTION (item# 57); this is not allowed. (FILE OPEN ERROR 536)
537	MESSAGE	Opening a MAPPED ACCESS KSAM file for WRITE access is not allowed. (FILE OPEN ERROR 537)
538	MESSAGE	Opening a MAPPED ACCESS KSAM file without COPY MODE is not allowed. (FILE OPEN ERROR 538)
539	MESSAGE	A bounds violation occurred on the KSAM PARMS OPTION (item# 54). (FILE OPEN ERROR 539)

540	MESSAGE	The REVERSE VT OPTION (item# 48) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 540)
541	MESSAGE	The group does not exist on the volume set; the group was not found. (FILE OPEN ERROR 541)
542	MESSAGE	The account does not exist on the volume set; the account was not found. (FILE OPEN ERROR 542)
543	MESSAGE	Using the specified block factor and record size (plus overhead), the resultant block size is too big. (FILE OPEN ERROR 543)
544	MESSAGE	The requested file mapping options conflict with the mapping options currently in effect for the file which is already open. The conflict may be in the follo wing options (item numbers): 18, 21, 57, 58, 60, 61. (FILE OPEN ERROR 544)
545	MESSAGE	An unexpected trap was encountered; contact your SE. (FILE OPEN ERROR 545)
546	MESSAGE	The file system can not open a file for MAPPED and WRITE access when the file is protected by TRANSACTION MANAGEMENT. (FILE OPEN ERROR 546)
547	MESSAGE	The UNPROTECTED VARIABLE ACCESS RIGHTS OPTION (item# 62) was specified by a caller executing at an incorrect privilege level. (FILE OPEN ERROR 547)

548	MESSAGE	The UNPROTECTED VARIABLE ACCESS RIGHTS OPTION (item# 62) is not valid, or a bounds violation occurred on this option. (FILE OPEN ERROR 548)
549	MESSAGE	An error occurred while writing to the file label. (FILE OPEN ERROR 549)
550	MESSAGE	A portion of the file resides on a volume which is not mounted or is not accessible by the operating system. (FILE OPEN ERROR 550)
551	MESSAGE	The caller is not sufficiently privileged to request the must allocate secondary storage option. (FILE SYSTEM ERROR -551)
	CAUSE	The caller is not privileged enough to specify this option.
	ACTION	Acquire the necessary privileges prior to the operation.
552	MESSAGE	The must allocate secondary storage option is not valid. (FILE SYSTEM ERROR -552)
	CAUSE	Either the value is not valid, or a bounds violation occurred.
	ACTION	Supply a legal value for this option.
553	MESSAGE	An attempt was made to decrement the File Open Count Table when the count had not been incremented. (FILE SYSTEM ERROR -553)
	CAUSE	A coding error exists in the file system.
	ACTION	File an SR.

554	MESSAGE	Redirecting a system file to a KSAM file is not allowed. (PROCESS ERROR 554)
555	MESSAGE	The perm-to-temp final disposition was specified by a caller that is at an incorrect privilege level. (FILE OPEN ERROR 555)
556	MESSAGE	An error occurred during the expansion of COMMAND INTERPRETER variables and expressions in the file name. (FILE OPEN ERROR 556)
	CAUSE	Syntax or logic error in the expressions or missing (undefined) COMMANDINTERPRETER variables.
557	MESSAGE	The operating system is not in the UP state, yet a COMMAND INTERPRETER variable or expression was found in the file name. This is allowed only when MPE/iX has booted completely up. (FILE OPEN ERROR 557)
558	MESSAGE	For KSAM files, the CREATE domain is allowed only when the Copy Mode option is enabled. (FILE OPEN ERROR 558)
560	MESSAGE	The caller lacks sufficient privilege to specify the syntax value provided. (FILE SYSTEM ERROR -560)
	CAUSE	A privileged syntax option was specified but the caller was not privileged.
	ACTION	Acquire the necessary privileges, or specify a different syntax.

561	MESSAGE	The value supplied to the file close privilege option is not valid. (FILE SYSTEM ERROR -561)
	CAUSE	A value outside the legal range of 0..3 was specified.
	ACTION	Specify only legal privilege levels.
563	MESSAGE	An internal error has occurred, an invalid attempt has been made to allocate a direct access device. (FILE SYSTEM ERROR -563)
	CAUSE	An error exists in the file system.
	ACTION	File an SR.
568	MESSAGE	The inherit environment option is invalid. (FILE SYSTEM ERROR -568)
	CAUSE	The value is not in the legal range, or a bounds violation occurred.
	ACTION	Specify only legal values for the inherit environment option.
581	MESSAGE	The link spool file option was specified without the link device option being specified. (FILE SYSTEM ERROR -581)
	CAUSE	The link spool file option and the link device option must be specified together.
	ACTION	Specify both of these options.
592	MESSAGE	The requested operation is not allowed on a read-only volume. (FILE SYSTEM ERROR -592)
	CAUSE	A write operation was requested for an object on a read-only volume.
	ACTION	Move the file to a read/write volume.

593	MESSAGE	The creation of this CM file cannot be made an atomic operation. (FILE SYSTEM ERROR -593)
	CAUSE	The FMAVT SIR could not be acquired.
	ACTION	Retry the operation.
594	MESSAGE	CM file opens cannot be restored to normal operation. (FILE SYSTEM ERROR -594)
	CAUSE	The FMAVT SIR could not be released.
	ACTION	Take a dump of the system and file an SR.
595	MESSAGE	Files of this file type cannot be created outside the MPE namespace. (FILE SYSTEM ERROR -595)
	CAUSE	An attempt was made to create a file outside the MPE namespace that is not currently supported.
	ACTION	Use an MPE namespace name to create this file.
596	MESSAGE	The specified file code is not valid in this context. (FILE SYSTEM ERROR -596)
	CAUSE	An attempt was made to assign a negative file code to a file outside an MPE group.
	ACTION	Use a positive file code, or create the file in a group.

597	MESSAGE	NEW Domain cannot be specified for named hierarchical file system files.
	CAUSE	Specifying NEW Domain for a named file or specifying TEMPORARY Domain to open a file whose parent is a directory in the hierarchical file system (HFS) is prohibited.
	ACTION	When opening a file in the NEW Domain in a HFS directory, do not specify a filename. Files in the TEMPORARY Domain are restricted to classic MPE/iX groups.
598	MESSAGE	An invalid value was specified for the read format option. (FILE SYSTEM ERROR -598)
	CAUSE	The value of the read format option is not valid.
	ACTION	Supply a valid value for the read format option.
599	MESSAGE	Both the file name and the file syntax must be specified with the raw open option. (FILE SYSTEM ERROR -599)
	CAUSE	One or both of the file name and name syntax options were not specified with the raw open option.
	ACTION	Supply both the file name and the name syntax options with the raw open option.
600	MESSAGE	The procedure detected the end of the file, or no error detected. (FSERR 0)
601	MESSAGE	The procedure detected an illegal DB register setting. (FSERR 601)
602	MESSAGE	This is an illegal capability. (FSERR 602)

603	MESSAGE	The required parameter is missing. (FSERR 603)
604	MESSAGE	Disk free space allocation disabled on all disks in domain (FSERR 4)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
605	MESSAGE	DRT number > 511 (FSERR 5)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
606	MESSAGE	Device has no available spare blocks. (FSERR 6)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
607	MESSAGE	Unformatted or uninitialized media on device. (FSERR 7)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
608	MESSAGE	The procedure detected an illegal parameter value. (FSERR 608)
609	MESSAGE	An invalid file was specified in FOPTIONS. (FSERR 609)
610	MESSAGE	This is an invalid record size specification. (FSERR 610)
611	MESSAGE	The procedure detected an invalid blocksize. (FSERR 611)

612	MESSAGE	Record number out of range (FSERR 12)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
613	MESSAGE	Can't open file multi-access, out of FMAVT entries (FSERR 13)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
615	MESSAGE	EXCEEDED THE MAXIMUM MESSAGE FILE OPENS FOR WRITE ACCESS (FSERR 15)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
616	MESSAGE	More than 255 opens of a file occurred. (FSERR 616)
617	MESSAGE	A magnetic tape runaway occurred. (FSERR 617)
618	MESSAGE	The device powered up. (FSERR 618)
619	MESSAGE	The forms control was reset. (FSERR 619)
620	MESSAGE	This is an invalid operation. (FSERR 620)
621	MESSAGE	A data parity error occurred. (FSERR 621)
622	MESSAGE	A software time out occurred. (FSERR 622)

623	MESSAGE	The procedure detected the end of the tape. (FSERR 623)
624	MESSAGE	The unit is not ready. (FSERR 624)
625	MESSAGE	There is no WRITE ring on the tape. (FSERR 625)
626	MESSAGE	A transmission error occurred. (FSERR 626)
627	MESSAGE	An I/O time out occurred. (FSERR 627)
628	MESSAGE	A timing error on data overrun occurred. (FSERR 628)
629	MESSAGE	An SIO failure occurred. (FSERR 629)
630	MESSAGE	A unit failure occurred. (FSERR 630)
631	MESSAGE	The procedure detected the end of the line. (FSERR 631)
632	MESSAGE	A software abort occurred. (FSERR 632)
633	MESSAGE	Data was lost. (FSERR 633)
634	MESSAGE	The unit is not on line. (FSERR 634)
635	MESSAGE	The data-set is not ready. (FSERR 635)

636	MESSAGE	This is an invalid disk address. (FSERR 636)
637	MESSAGE	This is an invalid memory address. (FSERR 637)
638	MESSAGE	A tape parity error occurred. (FSERR 638)
639	MESSAGE	Recovered tape error occurred. (FSERR 639)
640	MESSAGE	The operation is inconsistent with access type. (FILE SYSTEM ERROR 640)
641	MESSAGE	The operation is inconsistent with record type. (FILE SYSTEM ERROR 641)
642	MESSAGE	The operation is inconsistent with device type. (FILE SYSTEM ERROR 642)
643	MESSAGE	WRITE exceeds record size. (FILE SYSTEM ERROR 643)
644	MESSAGE	Update at record zero. (FILE SYSTEM ERROR 644)
645	MESSAGE	Privileged file violation. (FILE SYSTEM ERROR 645)
646	MESSAGE	Out of disk space. (FILE SYSTEM ERROR 646)
647	MESSAGE	An I/O error on file label occurred. (FILE SYSTEM ERROR 647)

648	MESSAGE	An invalid operation due to multiple file access. (FILE SYSTEM ERROR 648)
649	MESSAGE	This in an unimplemented function. (FILE SYSTEM ERROR 649)
650	MESSAGE	This is a nonexistent account. (FILE SYSTEM ERROR 650)
651	MESSAGE	This is a nonexistent group. (FILE SYSTEM ERROR 651)
652	MESSAGE	This is a nonexistent permanent file. (FILE SYSTEM ERROR 652)
653	MESSAGE	This is a nonexistent temporary file. (FILE SYSTEM ERROR 653)
654	MESSAGE	Invalid file reference. (FILE SYSTEM ERROR 654)
655	MESSAGE	Device unavailable. (FILE SYSTEM ERROR 655)
656	MESSAGE	Invalid device specification. (FILE SYSTEM ERROR 656)
657	MESSAGE	Out of virtual memory. (FILE SYSTEM ERROR 657)
658	MESSAGE	No passed file. (FILE SYSTEM ERROR 658)
659	MESSAGE	Standard label violation. (FILE SYSTEM ERROR 659)

660	MESSAGE	Global RIN unavailable. (FILE SYSTEM ERROR 660)
661	MESSAGE	Out of group disk space. (FILE SYSTEM ERROR 661)
662	MESSAGE	Out of account disk space. (FILE SYSTEM ERROR 662)
663	MESSAGE	User lacks non-sharable device capability. (FILE SYSTEM ERROR 663)
664	MESSAGE	User lacks multi-RIN capability. (FILE SYSTEM ERROR 664)
665	MESSAGE	Punch hopper is empty. (FILE SYSTEM ERROR 665)
666	MESSAGE	Plotter limit switch reached. (FILE SYSTEM ERROR 666)
667	MESSAGE	Paper tape error. (FILE SYSTEM ERROR 667)
668	MESSAGE	Insufficient system resources. (FILE SYSTEM ERROR 668)
669	MESSAGE	An I/O error occurred. (FILE SYSTEM ERROR 669)
670	MESSAGE	An I/O error occurred while printing header/trailer. (FILE SYSTEM ERROR 670)
671	MESSAGE	TOO MANY FILES OPEN (FSERR 71)
	CAUSE	A CM error was detected.
	ACTION	File an SR.

672	MESSAGE	INVALID FILE NUMBER (FSERR 72)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
673	MESSAGE	BOUNDS VIOLATION (FSERR 73)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
674	MESSAGE	No room left in stack segment for another file entry (FSERR 74)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
677	MESSAGE	NO-WAIT I/O PENDING (FSERR 77)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
678	MESSAGE	NO NO-WAIT I/O PENDING FOR ANY FILE (FSERR 78)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
679	MESSAGE	NO NO-WAIT I/O PENDING FOR SPECIAL FILE (FSERR 79)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
680	MESSAGE	SPOOFLE SIZE EXCEEDS CONFIGURATION (FSERR 80)
	CAUSE	A CM error was detected.
	ACTION	File an SR.

681	MESSAGE	NO "SPOOL" CLASS IN SYSTEM (FSERR 81)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
682	MESSAGE	INSUFFICIENT SPACE FOR SPOOFLE (FSERR 82)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
683	MESSAGE	I/O ERROR ON SPOOFLE (FSERR 83)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
684	MESSAGE	DEVICE UNAVAILABLE FOR SPOOFLE (FSERR 84)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
685	MESSAGE	OPERATION INCONSISTENT WITH SPOOLING (FSERR 85)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
686	MESSAGE	Spooling internal error (FSERR 86)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
687	MESSAGE	BAD SPOOFLE BLOCK (FSERR 87)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
688	MESSAGE	NONEXISTENT SPOOLFILE (FSERR 88)
	CAUSE	A CM error was detected.
	ACTION	File an SR.

689	MESSAGE	POWER FAILURE (FSERR 89)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
690	MESSAGE	EXCLUSIVE VIOLATION: FILE BEING ACCESSED (FSERR 90)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
691	MESSAGE	EXCLUSIVE VIOLATION: FILE ACCESSED EXCLUSIVELY (FSERR 91)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
692	MESSAGE	LOCKWORD VIOLATION (FSERR 92)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
693	MESSAGE	SECURITY VIOLATION (FSERR 93)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
694	MESSAGE	USER IS NOT CREATOR (FSERR 94)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
695	MESSAGE	READ COMPLETED DUE TO BREAK (FSERR 95)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
696	MESSAGE	DISC I/O ERROR (FSERR 96)
	CAUSE	A CM error was detected.
	ACTION	File an SR.

697	MESSAGE	NO CONTROL Y PIN (FSERR 97)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
698	MESSAGE	READ TIME OVERFLOW (FSERR 98)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
699	MESSAGE	BOT AND BACKSPACE TAPE (FSERR 99)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
700	MESSAGE	DUPLICATE PERMANENT FILE NAME (FSERR 100)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
701	MESSAGE	DUPLICATE TEMPORARY FILE NAME (FSERR 101)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
702	MESSAGE	I/O ERROR ON DIRECTORY (FSERR 102)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
703	MESSAGE	PERMANENT FILE DIRECTORY OVERFLOW (FSERR 103)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
704	MESSAGE	TEMPORARY FILE DIRECTORY OVERFLOW (FSERR 104)
	CAUSE	A CM error was detected.
	ACTION	File an SR.

705	MESSAGE	BAD VARIABLE BLOCK STRUCTURE (FSERR 105)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
706	MESSAGE	EXTENT SIZE EXCEEDS MAXIMUM (FSERR 106)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
707	MESSAGE	INSUFFICIENT SPACE FOR USER LABELS (FSERR 107)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
708	MESSAGE	INVALID FILE LABEL (FSERR 108)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
709	MESSAGE	INVALID CARRIAGE CONTROL (FSERR 109)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
710	MESSAGE	ATTEMPT TO SAVE PERMANENT FILE AS TEMPORARY (FSERR 110)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
711	MESSAGE	USER LACKS SAVE FILES (SF) CAPABILITY (FSERR 111)
	CAUSE	A CM error was detected.
	ACTION	File an SR.

712	MESSAGE	USER LACKS PRIVATE VOLUMES (UV) CAPABILITY (FSERR 112)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
713	MESSAGE	VOLUME SET NOT MOUNTED - MOUNT PROBLEM (FSERR 113)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
714	MESSAGE	VOLUME SET NOT DISMOUNTED - DISMOUNT PROBLEM (FSERR 114)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
715	MESSAGE	ATTEMPTED RENAME ACROSS VOLUME SETS - REJECTED (FSERR 115)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
716	MESSAGE	INVALID TAPE LABEL FOPEN PARAMETERS (FSERR 116)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
717	MESSAGE	ATTEMPT TO WRITE ON AN UNEXPIRED TAPE FILE (FSERR 117)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
718	MESSAGE	INVALID HEADER OR TRAILER TAPE LABEL (FSERR 118)
	CAUSE	A CM error was detected.
	ACTION	File an SR.

719	MESSAGE	I/O ERROR POSITIONING TAPE FOR TAPE LABELS (FSERR 119)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
720	MESSAGE	ATTEMPT TO WRITE IBM STANDARD TAPE LABEL (FSERR 120)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
721	MESSAGE	TAPE LABEL LOCKWORD VIOLATION (FSERR 121)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
722	MESSAGE	Tape label table overflow (FSERR 122)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
723	MESSAGE	END OF TAPE VOLUME SET (FSERR 123)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
724	MESSAGE	ATTEMPT TO APPEND LABELED TAPE (FSERR 124)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
725	MESSAGE	EXPIRATION DATE CAN'T BE LATER THAN PRECEDING FILE'S (FSERR 125)
	CAUSE	A CM error was detected.
	ACTION	File an SR.

726	MESSAGE	Character set number must be between 0 and 31. (FSERR 126)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
727	MESSAGE	Form number must be between 0 and 31. (FSERR 127)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
728	MESSAGE	Logical page number must be between 0 and 31. (FSERR 128)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
729	MESSAGE	Vertical format number must be between 0 and 31. (FSERR 129)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
730	MESSAGE	Number of copies must be between 1 and 32767. (FSERR 130)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
731	MESSAGE	Number of overlays must be between 1 and 8. (FSERR 131)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
732	MESSAGE	Page length parm must be between 12 (=3") and 68 (=17"). (FSERR 132)
	CAUSE	A CM error was detected.
	ACTION	File an SR.

733	MESSAGE	Picture number must be between 0 and 31. (FSERR 133)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
734	MESSAGE	Extended capability parm must be 0 (off) or 1 (on). (FSERR 134)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
735	MESSAGE	Unrecovered media error.(FSERR 135)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
736	MESSAGE	USER LIMIT EXCEEDED. (FSERR 136)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
737	MESSAGE	DEFECTIVE TRACK ON FOREIGN DISC (FSERR 137)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
738	MESSAGE	TRACK DOES NOT EXIST ON FOREIGN DISC (FSERR 138)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
739	MESSAGE	DELETED RECORD ON IBM DISKETTE (FSERR 139)
	CAUSE	A CM error was detected.
	ACTION	File an SR.

740	MESSAGE	ACCESS DENIED DUE TO CORRUPT ACD, FILE OWNER MUST REAPPLY ACD (FSERR 140)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
748	MESSAGE	INACTIVE RIO RECORD (FSERR 148)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
749	MESSAGE	MISSING ITEM NUMBER OR RETURN-VARIABLE (FSERR 149)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
750	MESSAGE	INVALID ITEM NUMBER (FSERR 150)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
751	MESSAGE	CURRENT RECORD WAS LAST RECORD WRITTEN BEFORE SYSTEM CRASHED (FSERR 151)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
752	MESSAGE	UNRECOGNIZED KEYWORD IN FOPEN DEVICE PARAMETER (FSERR 152)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
753	MESSAGE	EXPECTED ";" OR CARRIAGE RETURN IN DEVICE PARAMETER (FSERR 153)
	CAUSE	A CM error was detected.
	ACTION	File an SR.

754	MESSAGE	ENVIRONMENT FILE OPEN ERROR (FSERR 154)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
755	MESSAGE	NOT ENVIRONMENT FILE. CHECK FILE CODE OR RECORD SIZE. (FSERR 155)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
756	MESSAGE	ENVIRONMENT HEADER RECORD INCORRECT (FSERR 156)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
757	MESSAGE	UNCOMPILED ENVIRONMENT FILE (FSERR 157)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
758	MESSAGE	ERROR READING ENVIRONMENT FILE (FSERR 158)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
759	MESSAGE	ERROR CLOSING ENVIRONMENT FILE (FSERR 159)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
760	MESSAGE	ERROR DOING FDEVICECONTROL FROM ENVIRONMENT FILE (FSERR 160)
	CAUSE	A CM error was detected.
	ACTION	File an SR.

761	MESSAGE	TOO MANY PARAMETERS IN DEVICE STRING - OVERFLOW (FSERR 161)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
762	MESSAGE	EXPECTED "=" AFTER KEYWORD IN DEVICE PARAMETER (FSERR 162)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
763	MESSAGE	"ENV" BACK REFERENCE IN FILE EQUATION INCORRECT (FSERR 163)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
764	MESSAGE	DEVICE PARAMETER TOO LARGE OR MISSING CARRIAGE RETURN (FSERR 164)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
765	MESSAGE	INVALID DENSITY SPECIFICATION (FSERR 165)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
766	MESSAGE	FFILEINFO FAILED IN ACCESSING REMOTE SPOOL FILE. (FSERR 166)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
767	MESSAGE	SPOOL FILE LABEL ERROR, CAN'T INSERT ENV FILE NAME. (FSERR 167)
	CAUSE	A CM error was detected.
	ACTION	File an SR.

768	MESSAGE	ITEM NOT SUPPORTED ON REMOTE SYSTEM. (FSERR 168)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
770	MESSAGE	RECORD IS MARKED FOR DELETION (FSERR 170)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
771	MESSAGE	DUPLICATE KEY VALUE (FSERR 171)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
772	MESSAGE	NO SUCH KEY (FSERR 172)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
773	MESSAGE	TCOUNT PARAMETER LARGER THAN RECORD SIZE (FSERR 173)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
774	MESSAGE	CAN NOT GET EXTRA DATA SEGMENT (FSERR 174)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
775	MESSAGE	KSAM INTERNAL ERROR (FSERR 175)
	CAUSE	A CM error was detected.
	ACTION	File an SR.

776	MESSAGE	ILLEGAL EXTRA DATA SEGMENT LENGTH (FSERR 176)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
777	MESSAGE	TOO MANY EXTRA DATA SEGMENTS FOR THIS PROCESS (FSERR 177)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
778	MESSAGE	NOT ENOUGH VIRTUAL MEMORY FOR EXTRA DATA SEGMENT (FSERR 178)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
779	MESSAGE	THE FILE MUST BE LOCKED BEFORE ISSUING THIS INTRINSIC (FSERR 179)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
780	MESSAGE	KSAM FILE MUST BE REBUILT (FSERR 180)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
781	MESSAGE	INVALID KEY STARTING POSITION (FSERR 181)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
782	MESSAGE	FILE IS EMPTY (FSERR 182)
	CAUSE	A CM error was detected.
	ACTION	File an SR.

783	MESSAGE	RECORD DOES NOT CONTAIN ALL KEYS (FSERR 183)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
784	MESSAGE	INVALID RECORD NUMBER (FFINDN INTRINSIC) (FSERR 184)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
785	MESSAGE	SEQUENCE ERROR IN PRIMARY KEY (FSERR 185)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
786	MESSAGE	INVALID KEY LENGTH (FSERR 186)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
787	MESSAGE	INVALID KEY SPECIFICATION (FSERR 187)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
788	MESSAGE	INVALID DEVICE SPECIFICATION (FSERR 188)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
789	MESSAGE	INVALID RECORD FORMAT (FSERR 189)
	CAUSE	A CM error was detected.
	ACTION	File an SR.

790	MESSAGE	INVALID KEY BLOCKING FACTOR VALUE (FSERR 190)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
791	MESSAGE	RECORD DOES NOT CONTAIN SEARCH KEY SPECIFIED FOR DELETION (FSERR 191)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
792	MESSAGE	SYSTEM FAILURE OCCURRED WHILE THE KSAM FILE WAS OPENED (FSERR 192)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
793	MESSAGE	$STDIN/$STDLIST CANNOT BE REDIRECTED TO KSAM FILES (FSERR 193)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
794	MESSAGE	KSAM files not allowed for global AFT's (FSERR 194)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
795	MESSAGE	Global files cannot be remote files (FSERR 195)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
796	MESSAGE	LANGUAGE NOT SUPPORTED (FSERR 196)
	CAUSE	A CM error was detected.
	ACTION	File an SR.

797	MESSAGE	NATIVE LANGUAGE INTERNAL ERROR (FSERR 197)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
798	MESSAGE	INVALID VERSION NUMBER IN KSAM FILE (FSERR 198)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
799	MESSAGE	UNABLE TO SWITCH THE LOCKING MODE (FSERR 199)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
801	MESSAGE	REMOTE DID NOT RESPOND WITH THE CORRECT REMOTE ID. (DSERR 201)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
802	MESSAGE	SPECIFIED PHONE NUMBER IS INVALID. (DSERR 202)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
803	MESSAGE	REMOTE ABORT/RESUME NOT VALID WHEN DOING PROGRAM-TO-PROGRAM COMMUNICATION. USE LOCAL ABORT/RESUME. (DSWARN 203)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
804	MESSAGE	UNABLE TO ALLOCATE AN EXTRA DATA SEGMENT FOR DS/3000. (DSERR 204)
	CAUSE	A CM error was detected.
	ACTION	File an SR.

805	MESSAGE	UNABLE TO EXPAND THE DS/3000 EXTRA DATA SEGMENT. (DSERR 205)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
806	MESSAGE	SLAVE PTOP FUNCTION ISSUED FROM A MASTER PROGRAM. (DSERR 206)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
807	MESSAGE	SLAVE PTOP FUNCTION OUT OF SEQUENCE. (DSERR 207)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
808	MESSAGE	MASTER PTOP FUNCTION ISSUED BY A SLAVE PROGRAM. (DSERR 208)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
809	MESSAGE	SLAVE PROGRAM DOES NOT EXIST OR IS NOT PROGRAM FILE. (DSERR 209)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
810	MESSAGE	WARNING -- INVALID MAXDATA OR DLSIZE FOR A SLAVE PROGRAM. SYSTEM DEFAULTS ARE IN EFFECT. (DSWARN 210)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
811	MESSAGE	SLAVE ISSUED A REJECT TO A MASTER PTOP OPERATION. (DSWARN 211)
	CAUSE	A CM error was detected.
	ACTION	File an SR.

812	MESSAGE	FILE NUMBER FROM IOWAIT NOT A DS LINE NUMBER. (DSWARN 212)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
813	MESSAGE	EXCLUSIVE USE OF A DS LINE REQUIRES BOTH ND AND CS CAPABILITY. (DSERR 213)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
814	MESSAGE	DS LINE WAS NOT OPENED WITH A USER :DSLINE COMMAND. (DSERR 214)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
815	MESSAGE	DSLINE CANNOT BE ISSUED BACK TO THE MASTER COMPUTER. (DSERR 215)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
816	MESSAGE	MESSAGE REJECTED BY THE REMOTE COMPUTER. (DSERR 216)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
817	MESSAGE	INSUFFICIENT AMOUNT OF USER STACK AVAILABLE. (DSERR 217)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
818	MESSAGE	INVALID PTOP FUNCTION REQUESTED. (DSERR 218)
	CAUSE	A CM error was detected.
	ACTION	File an SR.

819	MESSAGE	MULTIPLE POPEN. ONLY ONE MASTER PTOP OPERATION CAN BE ACTIVE ON A DS LINE. (DSERR 219)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
820	MESSAGE	PROGRAM EXECUTING GET WAS NOT CREATED BY POPEN. (DSERR 220)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
821	MESSAGE	INVALID DS MESSAGE FORMAT. INTERNAL DS ERROR. (DSERR 221)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
822	MESSAGE	MASTER PTOP FUNCTION ISSUED PRIOR TO A POPEN. (DSERR 222)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
823	MESSAGE	REQUEST TO SEND MORE DATA THAN SPECIFIED IN POPEN. (DSERR 223)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
824	MESSAGE	FILE EQUATIONS FOR A REMOTE FILE CONSTITUTE A LOOP. (DSERR 224)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
825	MESSAGE	CANNOT ISSUE POPEN TO A SLAVE SESSION IN BREAK MODE. (DSERR 225)
	CAUSE	A CM error was detected.
	ACTION	File an SR.

Computer Museum

826	MESSAGE	SLAVE PROGRAM HAS TERMINATED BEFORE EXECUTING "GET". (DSERR 226)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
827	MESSAGE	RFA/RDBA COULD NOT FIND OR CREATE A REMOTE SESSION. (DSERR 227)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
828	MESSAGE	EXCEEDED MAXIMUM NUMBER OF VIRTUAL CHANNELS PER JOB. (DSERR 228)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
829	MESSAGE	TOO MANY DS USERS ON THIS SYSTEM. CANNOT OBTAIN A VIRTUAL PROCESS NUMBER. (DSERR 229)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
831	MESSAGE	INVALID FACILITY IN CONNECTION REQUEST. (DSERR 231)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
832	MESSAGE	THE REMOTE COMPUTER IS NOT OBTAINABLE. (DSERR 232)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
833	MESSAGE	VIRTUAL CIRCUIT IS NOT AVAILABLE. (DSERR 233)
	CAUSE	A CM error was detected.
	ACTION	File an SR.

834	MESSAGE	QUEUEING IS REQUIRED TO COMPLETE THE REQUEST. (DSERR 234)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
835	MESSAGE	DS MESSAGE SEQUENCING ERROR. (DSERR 235)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
836	MESSAGE	COMMUNICATIONS HARDWARE HAS DETECTED AN ERROR. (DSERR 236)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
837	MESSAGE	CANNOT CURRENTLY GAIN ACCESS TO THE TRACE FILE. (DSERR 237)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
838	MESSAGE	COMMUNICATIONS INTERFACE ERROR. INTERNAL FAILURE. (DSERR 238)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
839	MESSAGE	COMMUNICATIONS INTERFACE ERROR. TRACE MALFUNCTION. (DSERR 239)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
840	MESSAGE	LOCAL COMMUNICATION LINE WAS NOT OPENED BY OPERATOR. (DSERR 240)
	CAUSE	A CM error was detected.
	ACTION	File an SR.

841	MESSAGE	DS LINE IN USE EXCLUSIVELY OR BY ANOTHER SUBSYSTEM. (DSERR 241)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
842	MESSAGE	INTERNAL DS SOFTWARE ERROR ENCOUNTERED. (DSERR 242)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
843	MESSAGE	REMOTE OR PDN IS NOT RESPONDING. (DSERR 243)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
844	MESSAGE	COMMUNICATIONS INTERFACE ERROR. LINE RESET OCCURRED. (DSERR 244)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
845	MESSAGE	COMMUNICATIONS INTERFACE ERROR. RECEIVE TIMEOUT. (DSERR 245)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
846	MESSAGE	COMMUNICATIONS INTERFACE ERROR. REMOTE DISCONNECTED. (DSERR 846)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
847	MESSAGE	COMMUNICATIONS INTERFACE ERROR. LOCAL TIME OUT. (DSERR 247)
	CAUSE	A CM error was detected.
	ACTION	File an SR.

848	MESSAGE	COMMUNICATIONS INTERFACE ERROR. CONNECT TIME OUT. (DSERR 248)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
849	MESSAGE	COMMUNICATIONS INTERFACE ERROR. REMOTE REJECTED CONNECTION. (DSERR 249)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
850	MESSAGE	COMMUNICATIONS INTERFACE ERROR. CARRIER LOST. (DSERR 250)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
851	MESSAGE	COMMUNICATIONS INTERFACE ERROR. LOCAL DATA SET FOR THE DS LINE WENT NOT READY. (DSERR 251)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
852	MESSAGE	COMMUNICATIONS INTERFACE ERROR. HARDWARE FAILURE. (DSERR 252)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
853	MESSAGE	COMMUNICATIONS INTERFACE ERROR. NEGATIVE RESPONSE TO THE DIAL REQUEST BY THE OPERATOR. (DSERR 253)
	CAUSE	A CM error was detected.
	ACTION	File an SR.

854	MESSAGE	COMMUNICATIONS INTERFACE ERROR. INVALID I/O CONFIGURATION. (DSERR 254)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
855	MESSAGE	COMMUNICATIONS INTERFACE ERROR. UNANTICIPATED CONDITION. (DSERR 255)
	CAUSE	A CM error was detected.
	ACTION	File an SR.
939	MESSAGE	An operation was attempted on a file type that does not support that operation. (FILE SYSTEM ERROR -939)
	CAUSE	The file is probably a CM file, or some other file with some type of implicit restrictions.
	ACTION	Do not attempt this operation with this file.
940	MESSAGE	The caller lacks sufficient privilege to attempt this operation. (FILE SYSTEM ERROR -940)
	CAUSE	The caller is not privileged enough to perform this function.
	ACTION	Acquire a sufficient privilege level.
941	MESSAGE	The read operation was completed due to the break key being being pressed. (FILE SYSTEM ERROR -941)
	CAUSE	The user pressed the break key.
	ACTION	Retry the read operation.

942	MESSAGE	A soft end of file condition was encountered. (FILE SYSTEM ERROR -942)
	CAUSE	The user typed in a colon (:) as the first character on $STDIN, or :EOD as the first characters on $STDINX.
	ACTION	Reopen the input file if you wish to continue reading.
943	MESSAGE	The IOWAIT type manager layer has requested the intrinsic layer to retry the IOWAIT. (FILE SYSTEM ERROR -943)
	CAUSE	The type manager layer cannot process the I/O that was found at this time.
	ACTION	No action is necessary.
944	MESSAGE	The terminal end of line character has been detected. (FILE SYSTEM ERROR -944)
	CAUSE	The end of line character was typed into the terminal.
	ACTION	No action is necessary.
945	MESSAGE	Type manager; ABORT_IOX failed.
946	MESSAGE	Type manager; CONVERT_DST failed.
947	MESSAGE	Type manager; ATTACH_ID failed.
948	MESSAGE	Type manager; The parameter passed was not valid.
949	MESSAGE	The option selected is not valid in this context.

950	MESSAGE	Type manager, a software error has occurred within terminal I/O software.
951	MESSAGE	Type manager, an offline condition has occurred while doing a FAST WRITE to a terminal.
952	MESSAGE	Type manager; a FAST WRITE to a terminal failed.
953	MESSAGE	Type manager; JSINFO failed.
954	MESSAGE	Type manager; a DATA MEMORY PROTECT TRAP occurred.
955	MESSAGE	Type manager; a CONDITIONAL TRAP occurred.
956	MESSAGE	Type manager; an OVERFLOW TRAP occurred.
957	MESSAGE	Type manager; the file is busy being stored.
958	MESSAGE	Type manager; this is an access violation.
959	MESSAGE	Type manager; this is a multiple access error.
960	MESSAGE	Type manager-directory purge; the account does not exist.
961	MESSAGE	Type manager-directory purge; the group does not exist.

962	MESSAGE	Type manager-directory insert; the account does not exist.
963	MESSAGE	Type manager-directory insert; the group does not exist.
964	MESSAGE	Type manager; invalid carriage control.
965	MESSAGE	Type manager; FILE ACCESS RIGHTS TABLE DELETE failed.
966	MESSAGE	Type manager; user attempted to save temporary file to existing permanent file.
967	MESSAGE	Type manager directory insert; group does not have SAVE FILE capability.
968	MESSAGE	Type manager directory insert; account does not have SAVE FILE capability.
969	MESSAGE	Type manager-directory find; file was not found in the temporary directory.
970	MESSAGE	Type manager-directory purge; the file was not found.
971	MESSAGE	Type manager-directory purge; file was not found in the temporary directory.
972	MESSAGE	Type manager-directory replace; file was not found in the temporary directory.

973	MESSAGE	Type manager-directory find; file was not found in the temporary directory.
974	MESSAGE	Type manager-directory purge; the group was not found.
975	MESSAGE	Type manager directory purge; the temporary file group was not found.
976	MESSAGE	Type manager-directory replace; the temporary file group was not found.
977	MESSAGE	Type manager-directory find; the temporary file account was not found.
978	MESSAGE	Type manager-directory purge; file account was not found.
979	MESSAGE	Type manager-directory purge; the temporary file account was not found.
980	MESSAGE	Type manager-directory replace; the temporary file account was not found.
981	MESSAGE	Type manager-directory insert; there is no group directory disk space available.
982	MESSAGE	Type manager-directory insert; there is no group disk space available for temporary file.
983	MESSAGE	Type manager-directory replace; there is no group disk space available for the temporary file.

984	MESSAGE	Type manager-directory insert; there is no account disk space available.
985	MESSAGE	Type manager-directory insert; there is no account disk space available.
986	MESSAGE	Type manager directory replace; there is no account disk space available.
987	MESSAGE	Type manager-directory insert; this is a duplicate name.
988	MESSAGE	Type manager-directory insert; this is a temporary file duplicate name.
989	MESSAGE	Type manager-directory replace; this is a temporary file duplicate name.
990	MESSAGE	Type manager; a directory I/O error occurred.
991	MESSAGE	Type manager; the directory switch failed.
992	MESSAGE	An error occurred while moving data to or from the user buffer. (FILE SYSTEM ERROR -992)
	CAUSE	A trap occurred while executing a MOVE_FAST.
	ACTION	Close the file, reopen and retry the operation.

993	MESSAGE	An error occurred while moving data between two potentially overlapping areas. (FILE SYSTEM ERROR -993)
	CAUSE	A trap occurred while executing a MOVE_L_TO_R.
	ACTION	Close the file, reopen and retry the operation.
994	MESSAGE	Type manager; the storage management READ failed.
995	MESSAGE	Type manager; the storage management START READ failed.
996	MESSAGE	Type manager; the storage management WRITE failed.
997	MESSAGE	Type manager; the storage management START WRITE failed.
998	MESSAGE	Type manager; the storage management FINISH WRITE failed.
999	MESSAGE	Type manager; the storage management control failed.
1000	MESSAGE	Type manager; the storage management close failed.
1001	MESSAGE	Type manager; the record size was exceeded.
1002	MESSAGE	Type manager; the file limit was exceeded.
1003	MESSAGE	Type manager; this is an invalid request.

1004	MESSAGE	Type manager; out of disk space.
1005	MESSAGE	Type Manager; end of user labels.
1006	MESSAGE	Type manager; the user label limit has been exceeded.
1007	MESSAGE	Type manager; the GDPD reference count is negative.
1008	MESSAGE	Type manager; system is out of GDPDs.
1009	MESSAGE	Type manager; unable to build the GDPD table.
1010	MESSAGE	Type manager; unable to unlink the GDPD.
1011	MESSAGE	Type manager; unable to unlink the PLFD.
1012	MESSAGE	Type manager; unable to deallocate the GDPD.
1013	MESSAGE	Type manager; there is no nowait I/O for this specific file.
1014	MESSAGE	Type manager; nowait I/O is pending.
1015	MESSAGE	Type manager; the procedure attempted to save this file with no name.
1016	MESSAGE	Type manager; the control block semaphore initialization failed.

1017	MESSAGE	Type manager; the procedure was unable to get the file size.
1018	MESSAGE	Type manager; this is an unimplemented function.
1019	MESSAGE	Type manager; a bad variable record block was detected.
1020	MESSAGE	Type manager; device type is not valid.
1021	MESSAGE	Type manager; FUPDATE sequence error occurred.
1022	MESSAGE	Type manager; the block size was exceeded.
1023	MESSAGE	Type manager; the end-of-file has been detected.
1024	MESSAGE	An invalid spooling operation was requested. (FILE SYSTEM ERROR -1024)
	CAUSE	The user specified an invalid spooling operation.
	ACTION	Do not request this operation.
1025	MESSAGE	The type manager layer was not able to release all resources that were acquired. (FILE SYSTEM ERROR -1025)
	CAUSE	One or more resources could not be returned to the system.
	ACTION	File an SR.

1027	MESSAGE	An error occurred while trying to access a file label extension. (FILE SYSTEM ERROR -1027)
	CAUSE	An error occurred on a call to a label management procedure.
	ACTION	File an SR.
1028	MESSAGE	An error occurred while trying to access the spool file manager. (FILE SYSTEM ERROR -1028)
	CAUSE	A call to one of the spool file manager service procedures failed.
	ACTION	File an SR.
1029	MESSAGE	The write operation caused the directory disk space limits to be exceeded. (FILE SYSTEM ERROR -1029)
	CAUSE	An extent fault occurred which would require allocation of more disk space than is allowed.
	ACTION	Purge unwanted files, or increase the accounting limits.
1030	MESSAGE	An attempt was made to remove a file on a read-only volume. (FILE SYSTEM ERROR -1030)
	CAUSE	A purge or unlink was done against a file on a read-only volume.
	ACTION	Do not attempt a purge or an unlink on this file.
1031	MESSAGE	An attempt was made to create a file in an object that is not a directory. (FILE SYSTEM ERROR -1031)
	CAUSE	An invalid path specification was provided by the caller.
	ACTION	Correct the invalid path specification.

1032	MESSAGE	An attempt was made to purge a file from an object that is not a directory. (FILE SYSTEM ERROR -1032)
	CAUSE	An invalid path specification was provided by the caller.
	ACTION	Correct the invalid path specification.
1033	MESSAGE	An invalid directory operation was requested. (FILE SYSTEM ERROR -1033)
	CAUSE	A directory service procedure reported an error.
	ACTION	Do not attempt this operation.
1034	MESSAGE	The reserved file for the Current Working Directory has become corrupted. (FILE SYSTEM ERROR -1034)
	CAUSE	The file system could not get a pointer to the CWD reserved file.
	ACTION	Abort and restart the process.
1035	MESSAGE	Directory services encountered a security violation while trying to traverse the specified path. (FILE SYSTEM ERROR -1035)
	CAUSE	The user lacks access to or through one of the directory nodes.
	ACTION	Have the system manager grant the user access to the offending directory.
1036	MESSAGE	The caller lacks traverse access to one of the HFS path directory components. (FILE SYSTEM ERROR -1036)
	CAUSE	The user is not granted TD access to one or more of the components in the path.
	ACTION	Have the system adminstrator grant TD access to this user.

1037	MESSAGE	The caller lacks the ability to delete entries from the target directory. (FILE SYSTEM ERROR -1037)' \CAUSE\The user does not have DD access to the parent directory.
	ACTION	Have the system adminstrator grant DD access to this user.
1038	MESSAGE	The caller lacks the ability to create entries in the target directory. (FILE SYSTEM ERROR -1038)
	CAUSE	The user lacks CD access to the parent directory or does not have SF capability.
	ACTION	Have the system administrator grant sufficient access.
1039	MESSAGE	The volume set indicated by the directory mount record is not available. (FILE SYSTEM ERROR -1039)
	CAUSE	The volume set is not mounted or the disk drive is not turned on.
	ACTION	Mount the necessary volumes and make sure the drive(s) are functioning.
1040	MESSAGE	Directory services encountered an error while trying to update the file label. (FILE SYSTEM ERROR -1040)
	CAUSE	An error occurred during a file label update.
	ACTION	File an SR.
1041	MESSAGE	An empty path was provided to the directory services. (FILE SYSTEM ERROR -1041)
	CAUSE	The caller provided an empty path.
	ACTION	Provide a non-empty path.

1042	MESSAGE	Directory services detected that a component of the path has a name length which exceeds the maximum for that directory. (FILE SYSTEM ERROR -1042)
	CAUSE	A name exceeds the directory specific name length limit.
	ACTION	Provide a shorter name.
1043	MESSAGE	An attempt was made to insert a name greater than 16 characters into the root, an account, or a group. (FILE SYSTEM ERROR -1043)
	CAUSE	The caller specified a name greater than 16 characters in an MPE directory component.
	ACTION	Provide a name less than or equal to 16 characters.
1044	MESSAGE	An illegal attempt was made to purge a file that was opened by UFID. (FILE SYSTEM ERROR -1044)
	CAUSE	The caller opened the file by UFID, then did an FCLOSE purge.
	ACTION	To purge this file, it must be opened with a name.
1046	MESSAGE	The IOWAIT type manager layer requests the intrinsic layer to requeue the present I/O and retry the IOWAIT. (FILE SYSTEM ERROR -1046)
	CAUSE	The type manager is unable to process the I/O at this time.
	ACTION	No action is necessary.

1047	MESSAGE	Incompatible version of the file.
	CAUSE	The FOPEN/HPFOPEN request has been denied because the version of the file is not compatible with the version of the operating system.
	ACTION	On a 5.0 or later system, copy the KSAM/XL file to another file specifying DEFBLK to create a compatible version of the file. Then, copy the newly created file to the pre-5.0 system
1050	MESSAGE	TM_REC_TOO_SHORT: The record specified for writing is too short.
	CAUSE	The record does not have all the keys present.
	ACTION	Specify a larger record with all the keys present.
1051	MESSAGE	TM_NONSEQ_WRITE: This error indicates that the current FWRITE had a primary key which was not in sequential order when compared with the previous FWRITE.
	CAUSE	A write was attempted with the primary key not in sequential order when compared with the previous write.
	ACTION	Change the order in which the records are written to the file so that the primary key is always in sequential order. Or rebuild the file and specify the SEQ flag to be false.

1052	MESSAGE	TM_DUP_KEY_DISALLOWED: An attempt was made to insert a duplicate key to an index which disallows duplicate keys.
	CAUSE	One of the indexes in the file has the DUP flag set to false; however, an attempt was made to insert a key which already existed in that index.
	ACTION	Modify the record so that the key is not a duplicate of a previous record; or create the file with the index DUP flag set to TRUE.
1054	MESSAGE	TM_KSM_CBLOCK_FAILED:An error was detected while scanning the B TREE where the information relating to the user specified keys is kept.
	CAUSE	This error is not currently used.
	ACTION	Nothing.
1055	MESSAGE	TM_KEY_NOT_FOUND: The user specified key cannot be found in the index area of the KSAM XL file.
	CAUSE	The user may have specified a key that does not exist in the KSAM XL file.
	ACTION	Use a valid key specification.
1056	MESSAGE	TM_PRIM_KEY_CHANGED: An FUPDATE call attempted to modify the primary key value.
	CAUSE	The file was opened for sequential processing and the primary key was changed while doing an FUPDATE.
	ACTION	Check the record to be written to make sure the primary key in not changed. Compare the buffer that was FREAD from the file to the buffer that you are passing to FUPDATE.

1057	MESSAGE	TM_KEY_SEARCH_ERROR: An error was detected while scanning the B TREE where the information relating to the user specified keys is kept.
	CAUSE	The internal B TREE structure is corrupted.
	ACTION	Close the KSAM XL file, store it to tape, and contact your HP Support Representative.
1058	MESSAGE	TM_XM_START_SYS_TRANS_FAILED: A system transaction could not be started.
	CAUSE	This is probably due to an MPE/iX operating system defect.
	ACTION	Take a memory dump and contact your HP Support Representative.
1059	MESSAGE	TM_XM_END_SYS_TRANS_FAILED: A system transaction could not be terminated.
	CAUSE	This is probably due to an MPE/iX operating system defect.
	ACTION	Take a memory dump and contact your HP Support Representative.
1060	MESSAGE	TM_RECORD_DELETED: The particular record in question was deleted.
	CAUSE	An attempt was made to read or update or delete a record which was deleted.
	ACTION	When positioning the data pointer before the read, make sure the pointer is not positioned to a deleted record.

1061	MESSAGE	**TM_BTREE_INTERNAL_ERROR: An error was detected while scanning the B TREE where the information relating to the user specified keys is kept.**
	CAUSE	The internal B TREE sturucture is corrupted.
	ACTION	The KSAM XL file is corrupted. Close the KSAM file, store it to tape, and contact your HP Support Representative.
1062	MESSAGE	**TM_OUT_OF_INDEX_SPACE: The space reserved for the index area in the file is full and has reached the start of the data area.**
	CAUSE	The B TREE is probably very sparsely filled.
	ACTION	FCOPY the KSAM XL file to another KSAM XL file. This should make more efficient use of the index blocks. If that fails, build the KSAM XL file with a larger file limit.
1063	MESSAGE	**TM_INVALID_KEY_SPECIFIED: The key specification provided by the user is not a valid one.**
	CAUSE	The key specified in a procedure such as FREADBYKEY does not match the one specified in building the file.
	ACTION	Check the key specified in the procedure call to FREADBYKEY or FFINDBYKEY.
1065	MESSAGE	**TM_FFIND_FAILED: An FFINDN failed based on the relative record number specified.**
	CAUSE	The relative record number specified was greater than the largest relative record number in the B TREE.
	ACTION	Check the second parameter in the call to FFINDN specifying the relative record number.

1066	MESSAGE	TM_DUP_KEY_FOUND: Duplicate keys were found for the key currently being specified.
	CAUSE	The detection of the existence of duplicate keys is specificaly performed for COBOL in FREAD and FREADBYKEY intrinsics called by COBOL.
	ACTION	This status will be returned to COBOL programs only.
1067	MESSAGE	TM_KSM_SPACE_FAILED: An error ocurred while doing FSPACE.
	CAUSE	The displacement specified in the FSPACE parameter is too large or too small.
	ACTION	Check the displacement specified in the FSPACE parameter.
1068	MESSAGE	TM_INVALID_INDEX_RRN: An error was detected in a B TREE entry for location of a data record.
	CAUSE	The internal B TREE sturucture is corrupted.
	ACTION	Close this file and build a new file. Use FCOPY specifying KEY=0 to rebuild a new KSAM XL file.
1069	MESSAGE	TM_INVALID_DATA_PTR_CALCULATED: The position of the data pointer computed is before the first data record or after the end of file.
	CAUSE	The KSAM XL file is corrupted in the data pointer of the index area.
	ACTION	Close the KSAM file, store it to tape, and contact your HP Support Representative.

1070	MESSAGE	TM_INVALID_REC_NUM: An invalid recnum was specified in the call to a pointer positioning procedure such as FPOINT, or FREADDIR.
	CAUSE	A relative record number specified is not valid, either before the first record or beyond the last record.
	ACTION	Specify a valid relative record number.
1071	MESSAGE	TM_DPAGE_FIND_FAILED: An error occurred while scanning for a data page with a vacant slot in it.
	CAUSE	All the data pages are used.
	ACTION	Close the file, build a new KSAM XL file with similar characteristics and FREADC from the old file and FWRITE into the new file.
1072	MESSAGE	TM_KSM_NO_REC: The KSAM XL file is empty, no records in the file.
	CAUSE	An attempt was made to read or modify a KSAM XL file which has no active records in it.
	ACTION	Check the content of the file before accesssing it.
1073	MESSAGE	TM_KSM_XM_ATTACH_FAILED: An error was detected while trying to attach the file to the XM log.
	CAUSE	An internal MPE/iX error occurred.
	ACTION	Take a memory dump and call your HP Support Representative.

1074	MESSAGE	TM_KSM_INVALID_DATA_PTR: The logical data pointer is currently incorrectly positioned.
	CAUSE	The logical data pointer is currently position before the start of the data area or after the end of file.
	ACTION	Do an FCLOSE followed by an FOPEN or do FPOINT to reposition the data pointer.
1075	MESSAGE	TM_KSM_INVALID_CHILD_PTR: An invalid child pointer was detected in the index part of the file.
	CAUSE	The internal B TREE structure is corrupted.
	ACTION	Close the KSAM file, store it to tape, and call your HP Support Representative.
1076	MESSAGE	TM_KSM_CORRUPTED_FILE: During a previous KSAM operation, the KSAM file was discovered to be corrupt so that FWRITEs, FREMOVEs, and FUPDATEs are disallowed.
	CAUSE	The internal B TREE structure is corrupted.
	ACTION	Close the KSAM file, store it to tape, and call your HP Support Representative.
1077	MESSAGE	The file system was unable to start a user transaction under transaction management. (FILE SYSTEM ERROR -1077)
	CAUSE	A call to transaction management failed.
	ACTION	Make sure the file is attached to XM, otherwise file an SR.

1078	MESSAGE	**The file system was unable to end a user transaction under transaction management. (FILE SYSTEM ERROR -1078)**
	CAUSE	A call to transaction management failed.
	ACTION	File an SR.
1079	MESSAGE	**An invalid offset value was provided for a KSAM/XL file. (FILE SYSTEM ERROR -1079)**
	CAUSE	The user supplied an invalid file offset.
	ACTION	Supply a valid offset value to the intrinsic.
1080	MESSAGE	**The KSAM/XL subsystem detected an unknown internal error. (FILE SYSTEM ERROR -1080)**
	CAUSE	An internal error was detected.
	ACTION	File an SR.
1110	MESSAGE	**The file system was unable to create the File I/O State Table. (FILE SYSTEM ERROR -1110)**
	CAUSE	The FIOST table could not be created.
	ACTION	File an SR.
1111	MESSAGE	**The file system was unable to initialize the File I/O State Table. (FILE SYSTEM ERROR 1111)**
	CAUSE	The FIOST table could not be initialized.
	ACTION	File an SR.

1112	MESSAGE	The file system was unable to create the File I/O State Semaphore Table. (FILE SYSTEM ERROR -1112)
	CAUSE	An error occurred while creating the FIOST Semaphore Table.
	ACTION	File an SR.
1113	MESSAGE	The file system was unable to initialize the File I/O State Semaphore Table. (FILE SYSTEM ERROR -1113)
	CAUSE	An error occurred while initializing the FIOST Semaphore Table.
	ACTION	File an SR.
1500	MESSAGE	An unexpected High-level IO error was encountered while executing a tape IO request.
	CAUSE	Either the IO request was invalid, or the device is not ready/accessible.
	ACTION	Make sure the requested IO operation is a valid one, and the devcie is accessible for the process.
1501	MESSAGE	An unexpected Low-level IO error was encountered while executing the tape IO request.
	CAUSE	The device encountered an error during IO execution. It could be a medium, device or hardware error, or a driver internal error.
	ACTION	Make sure the medium and device are in a proper state. For example, check for device power, tape positioning, medium misload ... etc ... If nothing wrong with the device and medium, then you should contact Hewlett-Packard for support.

1502	MESSAGE	**A tape IO request failed because a write access was denied.**
	CAUSE	Either the medium is protected from write access, or the process does not have write access to the device.
	ACTION	Make sure the process has write access to the device and the medium is not write protected.
1503	MESSAGE	**The device is not ready for executing this tape IO request.**
	CAUSE	Either the device is not online, or the device is not in a state ready to execute this IO request.
	ACTION	Make sure the device is on line and the medium is readily positioned.
1504	MESSAGE	**A tape IO request failed because the attempted device operation is not supported by the operating system.**
	CAUSE	Either the requested device operation is not valid for this device, or a file system internal error was encountered.
	ACTION	Make sure the requested IO operation is valid for this device. If so, contact Hewlett-Packard for support.
1505	MESSAGE	**An attempt to backspace failed because the medium is already positioned at its beginning.**
	CAUSE	The device was positioning at the beginning of the medium, an attempt to backspace the medium could not be performed.
	ACTION	Do not try to backspace the medium when it is positioned at its beginning.

1506	MESSAGE	A tape IO operation failed because the end of the medium was encountered.
	CAUSE	An attempt was made to execute a device operation beyond the end of the medium.
	ACTION	Do not try to access the medium beyond the end of tape mark. Rewind, mount another tape and try again.
1507	MESSAGE	A tape IO request failed because the device is not available for access.
	CAUSE	The specified device is not a valid one, or the device is disabled or unconfigured.
	ACTION	Check for the accessibility of the device being accessed.
1508	MESSAGE	An internal error occured while processing a tape IO request.
	CAUSE	An unexpected trap occur due to a file system internal error.
	ACTION	Contact Hewlett-Packard for support.
1509	MESSAGE	A bounds violation error was detected while processing a tape IO request.
	CAUSE	The address/parameter passed was inaccessible to the caller.
	ACTION	Pass only addresses in accessible spaces.
5000	MESSAGE	A keyword < 0 or > VINFO_MAX_KEYWORD, or = 1 was specified; such keyword numbers are not currently supported.

5001	MESSAGE	The keyvalue for the output buffer type is outside of the allowable range of VINFO_OUTPUT_MIN_PARM to VINFO_OUTPUT_MAX_PARM.
5002	MESSAGE	The output buffer keyvalue pointed to an invalid range of memory for the user, or wasn't at least 4 bytes large.
5003	MESSAGE	The keyvalue for the volume range is outside of the allowed range of VINFO_RANGE_MIN_PARM to VINFO_RANGE_MAX_PARM.
5004	MESSAGE	The keyvalue parameter pointed to an invalid section of memory.
5005	MESSAGE	The volume name contains invalid characters, or the delimiter wasn't found within the allowed number of characters.
5006	MESSAGE	The volume class name contained some invalid characters, or the delimiter was not found within the allowed number of characters.
5007	MESSAGE	The volume set name contained some invalid characters, or the delimiter was not found within the allowed number of characters.
5008	MESSAGE	The specified generation index number was outside of the range -1..32767.
5009	MESSAGE	No volumes were found in the specified range with the requested volume set, class, volume names, and the generation index.

5010	MESSAGE	A keyword was specified two or more times in the intrinsic call. The latest keyword's keyvalue was used, and the previous keyvalues were ignored.
5011	MESSAGE	The keyword VINFO_OPTION_END_OF_LIST (0) was specified with some keywords following it in the intrinsic call; the extra parameters were ignored.
5012	MESSAGE	Neither the output buffer, nor the number of volumes in range output PARM were specified in the intrinsic call.
5013	MESSAGE	The user tried to access a volume set other than his logon group's home volume set. Such access is allowed only to those with SM, OP, or CV capability.
5014	MESSAGE	A volume range of one volume class was specified, but the volume class name was not specified.
5015	MESSAGE	A particular volume within a given volume class was desired, and the range was set to one volume. The volume class name was given, but the particular volume name was not given.
5016	MESSAGE	The user's output buffer was too small to hold all of the requested data. If the number of volumes in range parameter was specified, then the number of volumes that were actually accessed are negative.

5017	MESSAGE	An error occurred during an I/O in some layer under Directory Services during a DIRECFIND.
5018	MESSAGE	A failure occurred during a switch between CM and NM, or vice versa. This failure occurred somewhere within Directory Services.
5019	MESSAGE	Either no GUFD/PLFD was found for the user's logon account directory, or the logon group's group entry was not found in the account directory.
5020	MESSAGE	This error should be impossible to return. If it is returned, then some unexpected error was returned in a DIRECFIND. The exact MPE/iX error number may be found on the error stack.
5021	MESSAGE	The volume class name was specified as an output parameter when volume searching was determined to be by volume sets; not by volume classes.
5022	MESSAGE	The status parameter was pointing to an invalid section of memory.
5023	MESSAGE	The volume range and volume names specification conflict. Some of the VNAMES were not needed compared to the range; therefore, the extra names were ignored.
5024	MESSAGE	The KEYVAlue parameter used to specify the desired units was outside of the range VINFO_UNITS_MIN_PARM to VINFO_UNITS_MAX_PARM.

5100	MESSAGE	HPVLMINFO is reserving error numbers 5000 to 5100.
5101	MESSAGE	The PROCESS LOCAL FILE DESCRIPTOR TABLE is full.
5102	MESSAGE	The file number does not reside in the PLFD TABLE.
5103	MESSAGE	The file number specified is not within the range of possible open files.
6000	MESSAGE	Storage Management SIO is not ready. (FILE SYSTEM ERROR -6000)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6001	MESSAGE	Storage Management SIO undefined function. (FILE SYSTEM ERROR -6001)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6002	MESSAGE	Storage Management SIO other function. (FILE SYSTEM ERROR -6002)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6003	MESSAGE	Storage Management SIO count is too big. (FILE SYSTEM ERROR -6003)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.

6004	MESSAGE	Storage Management SIO count is insufficient. (FILE SYSTEM ERROR -6004)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6008	MESSAGE	Storage Management SIO checksum error occurred. (FILE SYSTEM ERROR -6008)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6009	MESSAGE	Storage Management SIO invalid form. (FILE SYSTEM ERROR -6009)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6010	MESSAGE	Storage Management SIO parity error. (FILE SYSTEM ERROR -6010)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6011	MESSAGE	Storage Managment SIO bad access. (FILE SYSTEM ERROR -6011)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6012	MESSAGE	Storage Managment SIO bad item. (FILE SYSTEM ERROR -6012)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.

6014	MESSAGE	Storage Managment SIO unit is off. (FILE SYSTEM ERROR -6014)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6015	MESSAGE	Storage Managment SIO deleted record. (FILE SYSTEM ERROR -6015
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6016	MESSAGE	Storage Managment SIO no spare available. (FILE SYSTEM ERROR -6016)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6017	MESSAGE	Storage Managment SIO blank media. (FILE SYSTEM ERROR -6017)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6018	MESSAGE	Storage Managment SIO paper tape error. (FILE SYSTEM ERROR -6018)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6019	MESSAGE	Storage Managment SIO system error. (FILE SYSTEM ERROR -6019)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.

6020	MESSAGE	Storage Managment SIO tape error. (FILE SYSTEM ERROR -6020)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6021	MESSAGE	Storage Managment SIO invalid disk address. (FILE SYSTEM ERROR -6021)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6023	MESSAGE	Storage Managment SIO start I/O failure. (FILE SYSTEM ERROR -6023)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6024	MESSAGE	Storage Managment SIO timer error. (FILE SYSTEM ERROR -6024)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6027	MESSAGE	Storage Managment SIO vertical form control reset. (FILE SYSTEM ERROR -6027)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6028	MESSAGE	Storage Managment SIO beginning of tape. (FILE SYSTEM ERROR -6028)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.

6030	MESSAGE	Storage Managment SIO broken read. (FILE SYSTEM ERROR -6030)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6031	MESSAGE	Storage Managment SIO timer overflow. (FILE SYSTEM ERROR -6031)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6032	MESSAGE	Storage Managment SIO bad escape. (FILE SYSTEM ERROR -6032)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6033	MESSAGE	Storage Managment SIO plimit. (FILE SYSTEM ERROR -6033)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6034	MESSAGE	Storage Managment SIO tape runaway. (FILE SYSTEM ERROR -6034)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6038	MESSAGE	Storage Managment SIO stime. (FILE SYSTEM ERROR -6038)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.

6040	MESSAGE	Storage Managment SIO end of file. (FILE SYSTEM ERROR -6040)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6041	MESSAGE	Storage Managment SIO end of tape. (FILE SYSTEM ERROR -6041)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6042	MESSAGE	Storage Managment SIO tape error recovery. (FILE SYSTEM ERROR -6042)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6043	MESSAGE	Storage Managment SIO end of line. (FILE SYSTEM ERROR -6043)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6044	MESSAGE	Storage Managment SIO invalid operation. (FILE SYSTEM ERROR -6044)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6100	MESSAGE	Terminal Storage Management read failed. (FILE SYSTEM ERROR -6100)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.

6101	MESSAGE	Terminal Storage Management write failed. (FILE SYSTEM ERROR -6101)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6102	MESSAGE	Terminal Storage Management start read failed. (FILE SYSTEM ERROR -6102)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6103	MESSAGE	Terminal Storage Management start write failed. (FILE SYSTEM ERROR -6103)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6104	MESSAGE	Terminal Storage Management control function failed. (FILE SYSTEM ERROR -6104)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6105	MESSAGE	Terminal Storage Management broken read encountered. (FILE SYSTEM ERROR -6105)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.

6200	MESSAGE	Storage Management Native Language I/O dependent error. (FILE SYSTEM ERROR -6200)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6201	MESSAGE	Storage Management Native Language I/O conversion error. (FILE SYSTEM ERROR -6201)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6202	MESSAGE	Storage Management Native Language I/O MEA error. (FILE SYSTEM ERROR -6202)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6203	MESSAGE	Storage Management Native Language I/O judge error. (FILE SYSTEM ERROR -6203)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.
6204	MESSAGE	Storage Management Native Language I/O implementation error. (FILE SYSTEM ERROR -6204)
	CAUSE	A storage management error was detected.
	ACTION	Ensure the device is operating properly.

7001	MESSAGE	The generic name translation service could not get access to CWD information. (FILE SYSTEM ERROR -7001)
	CAUSE	The reserved file for CWD has been closed or is corrupted.
	ACTION	Abort and restart the process.
7002	MESSAGE	The generic name translation service found a name outside a group when it was required to be in a group. (FILE SYSTEM ERROR -7002)
	CAUSE	The name was outside of a group.
	ACTION	Ensure that the name resolves to being in a group.
7003	MESSAGE	The generic name translation service could not find a component of the source name path. (FILE SYSTEM ERROR -7003)
	CAUSE	A directory is missing in the source name path.
	ACTION	Provide a valid name.
7004	MESSAGE	The generic name translation service did not have room in the target array to return the name. (FILE SYSTEM ERROR -7004)
	CAUSE	The target array length is not large enough.
	ACTION	Supply a larger target array.
7005	MESSAGE	The generic name translation service found a remote envorionment or a system file when it was not allowed. (FILE SYSTEM ERROR -7005)
	CAUSE	Remote environements and system files cannot be translated into some syntaxes.
	ACTION	Remove the remote environment or system file from the input name.

Computer Museum

7006	MESSAGE	**The generic name translation service found no source name. (FILE SYSTEM ERROR -7006)**
	CAUSE	A source name to translate was not provided.
	ACTION	Specify a source name.
7007	MESSAGE	**The generic name translation service received a request to translate into an unsupported syntax. (FILE SYSTEM ERROR -7007)**
	CAUSE	An invalid syntax value was specified as the target syntax.
	ACTION	Supply a valid target syntax.
7008	MESSAGE	**The generic name translation service received a request to translate into an unknown syntax. (FILE SYSTEM ERROR -7008)**
	CAUSE	An invalid syntax value was specified as the target syntax.
	ACTION	Supply a valid target syntax.
7009	MESSAGE	**The generic name translation service received a request to translate a name from an unknown syntax. (FILE SYSTEM ERROR -7009)**
	CAUSE	An invalid syntax value was specified as the source syntax.
	ACTION	Supply a valid source syntax.
7010	MESSAGE	**The generic name translation service cannot translate the source name into the desired syntax. (FILE SYSTEM ERROR 7010)**
	CAUSE	The source name cannot be expressed in the target syntax.
	ACTION	Pick a different target syntax.

7011	MESSAGE	The generic name translation service cannot parse the source name. (FILE SYSTEM ERROR -7011)
	CAUSE	The generic name parsing service found a syntax error in the name.
	ACTION	Supply a valid source name.
7012	MESSAGE	The generic name translation service was called with invalid options. (FILE SYSTEM ERROR -7012)
	CAUSE	The caller passed a bad value in the options parameter.
	ACTION	Supply a valid options parameter.
7101	MESSAGE	UNABLE TO CREATE FLOD DATA STRUCTURE.
	CAUSE	An internal file system error occurred.
	ACTION	Call your HP Support Representative.
7102	MESSAGE	UNABLE TO CREATE FLOD DATA STRUCTURE.
	CAUSE	An internal file system error occurred.
	ACTION	Call your HP Support Representative.
7103	MESSAGE	UNABLE TO ISSUE ANOTHER LOCK REQUEST, LIMIT REACHED.
	CAUSE	The maximum number of lock requests for this file has been reached. No lock requests can be granted until some locks are released.
	ACTION	Release unneeded locks.
7104	MESSAGE	INTERNAL HPFLOCK ERROR.
	CAUSE	Internal file system error.
	ACTION	Call your HP Support Representative.

7105	MESSAGE	FILE WAS OPENED WITH DYNAMIC LOCKING, USE FLOCK.
	CAUSE	HPFLOCK is called on a file which was HPFOPENed with the dynamic locking option.
	ACTION	HPFOPEN the file without the dynamic locking option.
7106	MESSAGE	LOCK HELD BY ANOTHER PROCESS, REQUEST DENIED.
	CAUSE	An attempt was made to lock without the wait option a record range already locked by another process.
	ACTION	Retry the request later or use the wait option.
7107	MESSAGE	NO FLOD EXISTS, INCOMPATIBLE FILE TYPE.
	CAUSE	HPFLOCK does not support this file type.
	ACTION	Use FLOCK instead.
7108	MESSAGE	NO SUCH LOCK EXISTS.
	CAUSE	HPFLOCKINFO, with a command parameter value of 1, was issued on a lock request which does not exist.
	ACTION	Assume no such lock exists and continue.
7109	MESSAGE	WHENCE PARAMETER OUT OF BOUNDS.
	CAUSE	A value other than 0, 1, 2, or 3 was passed in for the whence parameter.
	ACTION	Pass in a legal value.
7110	MESSAGE	LENGTH PARAMETER OUT OF BOUNDS.
	CAUSE	A negative value was passed for the the length parameter.
	ACTION	Pass in a non-negative number.

7111	MESSAGE	START PARAMETER OUT OF BOUNDS.
	CAUSE	The value for the start parameter is beyond the file limit for the file and is therefore, invalid.
	ACTION	Determine the file limit via FFILEINFO and correctly compute the value for the start parameter.
7112	MESSAGE	INTERNAL HPFLOCK ERROR.
	CAUSE	An internal file system error occurred.
	ACTION	Call your HP Support Representative.
7113	MESSAGE	LOCK EXTENDS BEYOND THE FILE LIMIT.
	CAUSE	The start, length, and whence parameters combine to refer to a record beyond the file limit.
	ACTION	Determine the file limit via FFILEINFO and correctly compute the values for the start, length, and whence parameters.
7114	MESSAGE	INTERNAL HPFLOCK ERROR, FLOD MARKED INVALID.
	CAUSE	An internal file system error occurred. To avoid corruption, all attempts to HPFLOCK or HPFUNLOCK the file will be denied.
	ACTION	Close all instances of the file to release all locks and allow locking on subsequent HPFLOCKs to occur.
7115	MESSAGE	NO GUFD EXISTS, INCOMPATIBLE FILE TYPE.
	CAUSE	HPFLOCK does not support this file type.
	ACTION	Use FLOCK instead.

7116	MESSAGE	NO GDPD EXISTS, INCOMPATIBLE FILE TYPE.
	CAUSE	HPFLOCK does not support this file type.
	ACTION	Use FLOCK instead.
7117	MESSAGE	COMMAND PARAMETER OUT OF BOUNDS.
	CAUSE	A value other than 0 or 1 was passed in for the command parameter to HPFLOCKINFO.
	ACTION	Pass in a legal value.
7118	MESSAGE	LOCK PARAMETER OUT OF BOUNDS.
	CAUSE	A value other than 0, 1, 2, 3, or 4 was passed in for the lock parameter to HPFLOCK.
	ACTION	Pass in a legal value.
7119	MESSAGE	PIN PARAMETER OUT OF BOUNDS.
	CAUSE	An invalid value was passed in the pin parameter to HPFLOCKINFO.
	ACTION	Pass in a legal value.
7120	MESSAGE	INTERRUPT OCCURED WHILE WAITING FOR LOCK.
	CAUSE	The process was aborted or an interrupt occurred while waiting for the lock request. The request was denied.
	ACTION	Retry the operation.
7123	MESSAGE	SIZE PARAMETER OUT OF BOUNDS.
	CAUSE	An invalid value was passed in for the size parameter to HPFLOCKINFO.
	ACTION	Pass in a positive value.

7124	MESSAGE	INVALID FILE TYPE.
	CAUSE	HPFLOCK does not support this file type.
	ACTION	Use FLOCK instead.
7125	MESSAGE	LOCK TYPE AND FILE ACCESS INCOMPATIBLE.
	CAUSE	A request for a read lock was made on a file not opened with read access or a request for a write lock was made on a file not opened with write access.
	ACTION	HPFOPEN the file with the appropriate access.
7126	MESSAGE	CONFLICTING READ FORMAT.
	CAUSE	The HPFLOCK request has been denied because another lock request has been granted by a process which has the file opened with a different read format.
	ACTION	Retry the operation later, or reopen the file a different read format and retry the operation.

11

Eagle A-mux Device Manager

(Subsystem 198)

-23	MESSAGE	CS80_UNIT_AVAILABLE A multi-unit disk device has notified the host system that a disk unit that was previously locked by another host system has now been unlocked, and is now available for use.
	CAUSE	The host system receiving this status had previously attempted to access a unit that was locked by another host system. That attempted access was rejected due to the unit lock imposed by the other host system. The lock has been removed.
	ACTION	Since MPE/iX does not yet support multi-unit disk devices, the host system should never receive this notification. If it does, either a hardware error or system software error has occurred. Call your Hewlett-Packard representative.

-24	MESSAGE	CS80_LOST_SPINDLE_SYNCH A multi-mechanism disk controller has detected that the mechanisms within the device are no longer rotationally synchronized within the specified tolerance.
	CAUSE	Some hardware problem within one or more of the disk mechanisms is causing the spindle synchronization circuitry to lose synchronization lock.
	ACTION	Continue to use the disk. It will operate correctly even if spindle synch is lost. Its speed of operation will be somewhat reduced. Call your Hewlett-Packard Representative to discuss the problem further.
-25	MESSAGE	CS80_MECHANISM_SKIPPED A multi-mechanism disk array device controller has detected that one of the "striped with parity" disk mechanisms is UNASSIGNED: present, not broken, but not part of a logical unit. The "skipped" mech is not being used by the device.
	CAUSE	A mechanism has been physically removed and replaced with another mechanism, or the disk diagnostic program has issued a Set Skip Drive command, and, in either case, the disk's REBUILD operation has not yet been performed.
	ACTION	Use the FLEXDIAG diagnostic program to perform a REBUILD operation on the disk device. After successful REBUILDing, the mechanism that was being skipped will no longer be skipped: it will be assigned to the striped logical unit.

-179	MESSAGE	CS80_STRIPED_XOR_ERROR A multi-mechanism disk array device controller has detected an XOR Error on a Read Data operation on a Striped With Parity disk device. The parity computed from the striped data did not match the parity stored on the Data Protect disk.
	CAUSE	1) Failure to properly format a Striped With Parity disk device. 2) Reading data from an area of the disk media that had not been completely written.
	ACTION	Call your Hewlett-Packard Representative.
-180	MESSAGE	CS80_UNKNOWN_HW_STATUS_CLASS The hardware status from the disk device could not be recognized by the system software because the value of the first byte of status (the "status class") was not one of the legal values defined for the device.
	CAUSE	Hardware problem in the disk device or in the cabling or interfaces between the disk device and the host system.
	ACTION	Call your Hewlett-Packard Representative.
-181	MESSAGE	CS80_UNKNOWN_HARDWARE_ERR The hardware status from the disk device could not be recognized by the system software because the value of the second byte of status was not one of the legal values defined for the Hardware Error status class.
	CAUSE	Hardware problem in the disk device or in the cabling or interfaces between the disk device and the host system.
	ACTION	Call your Hewlett-Packard Representative.

-182	MESSAGE	CS80_UNKNOWN_RESOURCE_ERR The hardware status from the disk device could not be recognized by the system software because the value of the second byte of status was not one of the legal values defined for the Resource Error status class.
	CAUSE	Hardware problem in the disk device or in the cabling or interfaces between the disk device and the host system.
	ACTION	Call your Hewlett-Packard Representative.
-183	MESSAGE	CS80_UNKNOWN_COMMAND_ERR The hardware status from the disk device could not be recognized by the system software because the value of the second byte of status was not one of the legal values defined for the Command Error status class.
	CAUSE	Hardware problem in the disk device or in the cabling or interfaces between the disk device and the host system.
	ACTION	Call your Hewlett-Packard Representative.

-184	MESSAGE	CS80_NO_SELFTEST_PERFORMED The disk array controller on a disk array device that is a "link device" (i.e. is directly connected to the host system by fiber-optic cable) has rejected a device-wide selftest command that was issued by the host system.
	CAUSE	Diagnostic program software error. Diagnostic programs should not issue device -wide selftest commands to disk array devices when they are "link devices". The disk array controllers are designed to reject such commands.
	ACTION	Check to see that the diagnostic program is being run correctly. If it is, and this error persists, call your Hewlett-Packard Representative.
-185	MESSAGE	CS80_CONFIGURATION_FAULT During a device power-on selftest, the disk array device controller could not satisfy the device configuration (operating mode) that was specified by the settings of the device's front-panel configuration switches.
	CAUSE	Device installation error or hardware failure. Either the configuration switch settings are wrong, or the drive modules are wrongly located in the disk array module slots, or one or more drive modules have failed.
	ACTION	Check for and correct improper configuration switch settings or drive module placements. Check for failed drive modules. If none of these checks reveal and correct the problem, then call your Hewlett-Packard representative.

-186	MESSAGE	CS80_FIRMWARE_UPGRADE_MODE A host system has issued a transaction to a disk array device at a time when the device cannot perform the transaction, due to a lack of operational firmware in the disk array device controller.
	CAUSE	The host system, under diagnostic program control, attempted to upgrade the controller firmware in the disk array device controller (by downloading new firmware), and that upgrade operation did not complete successfully.
	ACTION	Call your Hewlett-Packard Representative.
-187	MESSAGE	CS80_TOO_MANY_SPARES The disk device controller has rejected a SPARE BLOCK command issued by the host system. The command was rejected because ten or more SPARE BLOCK commands had already been given to the device since it was last powered-on.
	CAUSE	Probably a hardware problem in the disk device has been causing the disk device to report an excessive number of Unrecoverable Read errors to the host system, thus causing the host to issue an excessive number of SPARE BLOCK commands.
	ACTION	Call your Hewlett-Packard Representative.

-188	MESSAGE	CS80_MECHANISM_FAULT The disk array device controller has detected sufficient error conditions in one of the disk mechanisms to cause the controller to declare the mechanism to be faulty. The controller has removed the mechanism from service.
	CAUSE	A mechanism within a disk array device has exceeded its allowable error threshold.
	ACTION	Call your Hewlett-Packard Representative. If this is a Parity-Protected disk array device and this is the only mechanism that has faulted, then the device will continue to operate correctly. If not, the device will go "offline".
-189	MESSAGE	CS80_UNABLE_TO_SKIP_MECH CS80 hardware status indicates that the device has received an improper "Set Skip Drive" command from the host system. The command was improper because its execution would have caused the disk unit to "go offline" and be inoperable.
	CAUSE	In disk array devices, either a Parity-Protected Striped Unit already has one "skipped" or "faulted" mechanism (and so cannot tolerate another skipped mechanism) or else a Non-Parity-Protected Unit has been asked to skip a mechanism; it can't.
	ACTION	This condition indicates improper operation by or of the host system's disk diagnostic software. Check to see that the diagnostic program is being run correctly. If it is, and the problem persists, call your Hewlett-Packard Representative.

-190	MESSAGE	CS80_VIRT_CIRCUIT_IN_USE Disk hardware status indicates that the device received a new command that used the same Virtual Circuit Number as a previous command that is still executing.
	CAUSE	Possible intermittent problem in disk hardware, cabling or interface hardware, or a system software error.
	ACTION	If the problem persists, take a system dump, and call your Hewlett-Packard Representative.
312	MESSAGE	DISK ARRAY HAS DISABLED A MECHANISM IN LDEV #. NOW IN DATA RECOVERY MODE. NO DATA LOST OR CORRUPTED. OPERATION MAY CONTINUE. PLEASE PLACE SERVICE CALL SOON.
	CAUSE	A mechanism in the disk array has suffered a failure. The disk array is in data recovery mode and no immediate action need be taken on the part of the user.
	ACTION	This message will be repeated on the console once a minute until the operator acknowledges that he has seen it by replying 'yes' to it. A service call should be placed in the near future.
313	MESSAGE	ACKNOWLEDGE DISABLED MECHANISM IN DISK ARRAY IN LDEV #
	CAUSE	This is the acknowledgement message which corresponds to the repeating message regarding the disabled mechanism in the disk array.
	ACTION	This message must be replied to (Y) in order to stop the repeating message.

12

HPIVOLINFO

(Subsystem 163)

Note

HPIVOLINFO error messages are included with subsystem 163 (Volume Management) messages. Refer to the chapter on Volume Management, in Volume II of this manual for explanations of messages.

13

Intrinsic Abort

(Subsystem 221)

-33	MESSAGE	`FFILEINFO FAILED FOR ONE OF THE INPUT FILES.`
	CAUSE	An invalid input file number was supplied in the <inputfiles> parameter.
	ACTION	Make sure the <inputfiles> array contains only file ID's of files opened by your process; make sure the last file number in the <inputfiles> array is a 0 (zero).
1	MESSAGE	`Illegal DB register.`
	CAUSE	Same as message content.
	ACTION	None.
2	MESSAGE	`This is an illegal capability.`
	CAUSE	Same as message content.
	ACTION	Refer to the *MPE/iX Intrinsics Reference Manual (32650-90028)* for legal capability.
3	MESSAGE	`Parameter #! was omitted. This parameter is required.`
	CAUSE	Same as message content.
	ACTION	Refer to the *MPE/iX Intrinsics Reference Manual (32650-90028)* for required parameter.
4	MESSAGE	`Illegal S register.`
	CAUSE	Same as message content.
	ACTION	None.

5	MESSAGE	**The address passed for parameter #! is invalid or inaccessible to the caller.**
	CAUSE	Same as message content.
	ACTION	Refer to the *MPE/iX Intrinsics Reference Manual (32650-90028)* for valid parameter.
6	MESSAGE	**Some portion of parameter #! is at an invalid or inaccessible address.**
	CAUSE	Same as message content.
	ACTION	Refer to the *MPE/iX Intrinsics Reference Manual (32650-90028).*
7	MESSAGE	**Parameter #1 is illegal.**
	CAUSE	Same as message content.
	ACTION	Refer to the *MPE/iX Intrinsics Reference Manual (32650-90028)* for legal parameter.
8	MESSAGE	**The value passed for parameter #! is invalid.**
	CAUSE	Same as message content.
	ACTION	Refer to the *MPE/iX Intrinsics Reference Manual (32650-90028).*
9	MESSAGE	**Illegal Q register.**
	CAUSE	Same as message content.
	ACTION	None.
10	MESSAGE	**This intrinsic is not supported.**
	CAUSE	Same as message content.
	ACTION	Refer to the *MPE/iX Intrinsics Reference Manual (32650-90028)* for a list of supported intrinsics.

11	MESSAGE	The intrinsic failed while attempting to SWITCH to COMPATIBILITY MODE.
	CAUSE	Same as message content.
	ACTION	Debug the program.
12	MESSAGE	This intrinsic failed while attempting to SWITCH to NATIVE MODE.
	CAUSE	Same as message content.
	ACTION	Debug the program.

14

Intrinsics Error Message, HPFOPEN

HPFOPEN

The intrinsic error messages refer to the HPFOPEN intrinsics.

-182	MESSAGE	A pathname component is not a directory.
	CAUSE	The pathname could not be traversed because at least one of its name components does not refer to a directory.
	ACTION	Inspect the pathname for name components which are not directories. Correct the pathname and retry the operation.
-180	MESSAGE	User lacks traverse directory entry (TD) access for a directory.
	CAUSE	A directory ACD or an alternate directory access control mechanism has not granted the user TD access to a directory.
	ACTION	Determine why the user has not been granted TD access. Grant TD access if granting TD access is appropriate.
-179	MESSAGE	User lacks create directory entry (CD) access for a directory.
	CAUSE	A directory ACD or an alternate directory access control mechanism has not granted the user CD access to a directory.
	ACTION	Determine why the user has not been granted CD access. Grant CD access if granting CD access is appropriate.

-178	MESSAGE	`User lacks delete directory (DD) access for a directory.`
	CAUSE	A directory ACD or an alternate directory access control mechanism has not granted the user DD access to a directory.
	ACTION	Determine why the user has not been granted DD access. Grant DD access if granting DD access is appropriate.
-176	MESSAGE	`Name exceeds the parent directory's maximum name length.`
	CAUSE	The name is too long. The maximum name length for the root directory, MPE groups, and accounts is 16 characters. The maximum name length for hierarchical directories is 255.
	ACTION	Use a name which is short enough to fit in a directory entry in the parent directory.
-240	MESSAGE	`Invalid name semantics value.`
	CAUSE	A value other than 0, 1, or 2 was specified for HPFOPEN's name semantics parameter.
	ACTION	Specify a valid value.

-362	MESSAGE	`Invalid UFID value.`
	CAUSE	The UFID passed to HPFOPEN references an object whose name is outside the MPE name space or it doesn't reference a valid label table entry.
	ACTION	Use HPFDUPLICATE to reopen an opened object. Open the object by name if it is not already open. Use a name in the MPE name space if opening by UFID is necessary.
-369	MESSAGE	`Invalid record format value.`
	CAUSE	The record format value specifies a record format not implemented for the selected file type.
	ACTION	Specify a different record format or file type.
-595	MESSAGE	`Invalid file type.`
	CAUSE	KSAM/3000, RIO, CIR, and MSG file types must have names belonging to the MPE name space.
	ACTION	Use names belonging to the MPE name space.
-596	MESSAGE	`Invalid file code.`
	CAUSE	Negative file codes may be used only for files in MPE groups.
	ACTION	Either modify the filecode or create the file in an MPE group.

-597	MESSAGE	`Object cannot be created in the new file domain.`
	CAUSE	Files with names outside the MPE name space and hierarchical directories must be created in the the permanent file domain.
	ACTION	Create the object using HPFOPEN and specify the permanent file domain (`itemnum` 3 equal to 4).
-598	MESSAGE	`File privilege cannot be used outside MPE groups.`
	CAUSE	A file privilege level other than level three was specified when creating a file with a name outside the MPE name space.
	ACTION	Use a name from the MPE name space if a file privilege level other than level three is needed. If a level three file privilege level can be used, retain the name and permit the file privilege level to default to level three.

15

Intrinsic Error Messages, FFILEINFO

The following are FFILEINFO intrinsic error messages.

FFILEINFO

395	MESSAGE	`Group information not found.`
	CAUSE	File group information was not found in the GID database because the database is out of sync with the directory or the group is no longer defined on the system.
	ACTION	No action is required if the group has been explicitly removed from the system. If the group should exist on the system, the system manager can run the utility PXUTIL.PUB.SYS to synchronize the UID/GID database with the directory.
399	MESSAGE	`Unqualified user ID is invalid.`
	CAUSE	A user ID cannot be returned in an output parameter because name qualification would result in an incorrect user ID.
	ACTION	Use a different parameter to get the full user name.
400	MESSAGE	`File attributes are inexpressible as file options.`
	CAUSE	A file's attributes could not be expressed as file options (foptions). File options cannot express all file attributes available via HPFOPEN parameters.
	ACTION	Use newer parameters to determine the file's attributes.

16

Intrinsic Status Returns, HPMERGE

(Subsystem 196)

The following table lists the error number, message, cause, and user corrective action for status returns for all HPMERGE intrinsics.

-2	MESSAGE	**No files listed in INPUTFILES parameter parameter.**
	CAUSE	The INPUTFILES parameter has a value of zero as its first element.
	ACTION	Make sure that file numbers from file opens done within your process appear in the INPUTFILES parameter. Also, make sure that a zero appears after the last file number in the INPUTFILES parameter.
1	MESSAGE	**The code segment number is invalid.**
	CAUSE	The caller passed in a code segment which is invalid for the process whose PIN was passed in, or the code segment is unassigned.
	ACTION	None.
3	MESSAGE	**No inputfiles parameter was specified.**
	CAUSE	You did not specify the *inputfiles* parameter in the HPMERGEINIT intrinsic.
	ACTION	Specify the *inputfiles* parameter.
4	MESSAGE	**Neither an outputfiles nor a postprocessor parameter was specified.**
	CAUSE	You did not specify the *outputfiles* parameter in the HPMERGEINIT intrinsic.
	ACTION	Specify the *outputfiles* parameter.

5	MESSAGE	`If you specify the keycompare parameter, you must not specify the keys and numkeys parameters.`
	CAUSE	You specified both the *keycompare* parameter, and the *keys* and *numkeys* parameters in the `HPMERGEINIT` intrinsic.
	ACTION	Specify the *keycompare* parameter or the *keys* and *numkeys* parameters.
6	MESSAGE	`If you do not specify the keycompare parameter, you must specify the keys and numkeys parameters.`
	CAUSE	You did not specify the *keys* and *numkeys* parameters in the `HPMERGEINIT` intrinsic.
	ACTION	Specify the *keys* and *numkeys* parameters.
7	MESSAGE	`Illegal numkeys parameter.`
	CAUSE	The *numkeys* parameter does not specify the same number of keys that are described in the the *numkeys* parameter in `HPMERGEINIT`.
	ACTION	Make the *numkeys* and *keys* parameters pertain to the same number of keys.
8	MESSAGE	`The key field is not within the record length of each file.`
	CAUSE	One or more files have shorter record lengths and at least one key field extends outside of the file's record length.
	ACTION	Make sure your files are of the correct length and that your key field in within range of the records.

9	MESSAGE	`Illegal ascending/descending code.`
	CAUSE	The fourth element of the *keys* array parameter is not 1 or 0.
	ACTION	Set the fourth element of the *keys* array parameter to 0 for ascending or 1 for descending order.
10	MESSAGE	`Illegal key code.`
	CAUSE	The 3rd element in the *keys* array parameter in `HPMERGEINIT` is less than 0 or greater than 13.
	ACTION	Set the 3rd element in the *keys* array parameter to a value that is from 0-13 inclusive.
11	MESSAGE	`Failure on FGETINFO (inputfile).`
	CAUSE	CCL was returned from the `FGETINFO` intrinsic called from SORT/XL.
	ACTION	Make sure that the input file number hasn't been corrupted. Also refer to the *MPE/iX Intrinsics Reference Manual (32650-90028).*
12	MESSAGE	`FREAD error on the input file.`
	CAUSE	CCL was returned from the `FREAD` intrinsic called from SORT/XL.
	ACTION	Make sure that the input file number hasn't been corrupted. Also refer to the *MPE/iX Intrinsics Reference Manual (32650-90028).*
13	MESSAGE	`FWRITE error on the output file.`
	CAUSE	CCL was returned from the `FWRITE` intrinsic called from SORT/XL.
	ACTION	Make sure that the output file number hasn't been corrupted. Also refer to the *MPE/iX Intrinsics Reference Manual (32650-U90028).*

14	MESSAGE	`The input record does not include all key fields.`
	CAUSE	You are using variable length records that contain records that not long enough to contain the key fields.
	ACTION	Set the key field in the *keys* parameter to be contained in the shortest record length or make sure that your shortest record is long enough to contain all your keys.
15	MESSAGE	`If you specify the keycompare parameter, you must not specify the keysonly parameter.`
	CAUSE	You specified the *keycompare* parameter and the *keys* and *numkeys* parameters in the `HPMERGEINIT` intrinsic.
	ACTION	Specify either the *keycompare* parameter or the *keys* and *numkeys* parameters in `HPMERGEINIT`.
16	MESSAGE	`Insufficient stack space.`
	CAUSE	File was opened with `NOBUFF` and `MULTI` options. The stack was used for blocking/deblocking the file and has insufficient space.
	ACTION	Open your files with the `BUFF` and `NOMULTI` options.
17	MESSAGE	`Insufficient stack space for the specified allocation.`
	CAUSE	The amount of space that you specified in the *memsize* parameter does not allow enough room to perform the merging operation.
	ACTION	Increase the value of the *memsize* parameter or do not specify the *memsize* parameter and let MERGE/XL use as much stack space as it needs.

18	MESSAGE	`Failure on FGETINFO (outputfile).`
	CAUSE	CCL returned from the *FGETINFO* intrinsic called from MERGE/XL.
	ACTION	Make sure the output file number has not been corrupted. Also refer to the *MPE/iX Intrinsics Reference Manual (32650-90028).*
19	MESSAGE	`$NULL is not a valid input file.`
	CAUSE	You specified `$NULL` as an input file.
	ACTION	Change the file specification to another file.
21	MESSAGE	`Sort language is not supported.`
	CAUSE	The language specified in the second element of the *charseq* parameter array in `HPMERGEINIT` is not supported on your system.
	ACTION	Check valid language IDs by running `NLUTIL`. Set the second element of the *charseq* parameter array to a valid language ID.
22	MESSAGE	`NLINFO error obtaining the length of the collating sequence table.`
	CAUSE	Native Language (NL) not installed or internal NL error.
	ACTION	Contact your system manager or your Hewlett-Packard representative.
23	MESSAGE	`NLINFO error loading the collating sequence.`
	CAUSE	Native Language (NL) not installed or internal NL error.
	ACTION	Contact your system manager or your Hewlett-Packard representative.

24	MESSAGE	`Invalid charseq parameter.`
	CAUSE	The first element of the *charseq* parameter array is a value other than one.
	ACTION	Set the first element in the *charseq* array to one.
25	MESSAGE	`The two-byte collating sequence table is not specified.`
	CAUSE	Two-byte collating sequence table was not specified in the *charseq* parameter although a two-byte key was specified in the *keys* parameter.
	ACTION	Specify a two-byte sequence in both the *charseq* and *keys* parameters.
26	MESSAGE	`Failure on FGETINFO (two-byte collating sequence table).`
	CAUSE	CCL returned from the `FGETINFO` intrinsic called from MERGE/XL.
	ACTION	Make sure the file number in *charseq* is not corrupted. Also refer to the *MPE/iX Intrinsics Reference Manual (32650-90028).*
27	MESSAGE	`FREAD error on the two-byte collating sequence table.`
	CAUSE	CCL returned from the `FREAD` intrinsic called from MERGE/XL.
	ACTION	Make sure the file number in *charseq* is not corrupted. Also refer to the *MPE/iX Intrinsics Reference Manual (32650-90028).*

28	MESSAGE	**The file is not a valid two-byte collating sequence table.**
	CAUSE	Error returned from NLINFO intrinsic called from MERGE/XL.
	ACTION	Check the file type. Also refer to the *MPE/iX Intrinsics Reference Manual (32650-90028).*
29	MESSAGE	**Two-byte xxxx undefined in the collating sequence table; the largest number is assigned.**
	CAUSE	The two-byte value, xxxx, is undefined.
	ACTION	Change xxxx to the correct value.
30	MESSAGE	**The length of the two-byte key must be an even number.**
	CAUSE	The second element of the *keys* array parameter must be an even number if a two-byte collating sequence is specified.
	ACTION	Set the second element of the *keys* array to an even number.
31	MESSAGE	**The file type is not a valid two-byte collating sequence table.**
	CAUSE	The file containing the two-byte sequence has been corrupted or Native Language (NL) not installed or internal NL error.
	ACTION	Contact your system manager or your Hewlett-Packard representative.
40	MESSAGE	**PRINT intrinsic failed in HPMERGETITLE.**
	CAUSE	You redirected output from HPMERGETITLE to a file that is too small; HPMERGETITLE requires two records in which to output information.
	ACTION	Allow room for at lease two records when you redirect output from HPMERGETITLE to a file.

41	MESSAGE	**PRINT intrinsic failed in HPMERGESTAT.**
	CAUSE	You redirected output from HPMERGESTAT to a file that is too small; HPMERGESTAT requires ten records in which to output information.
	ACTION	Allow room for at least ten records when you redirect output from HPMERGESTAT to a file.
109	MESSAGE	**Illegal numkeys parameter.**
	CAUSE	You specified the *numkeys* parameter in HPMERGEINIT to not correlate to the number of keys in the *keys* parameter.
	ACTION	Set the *numkeys* parameter to correspond to the number of keys that you specified in the *keys* parameter.
203	MESSAGE	**An invalid file number was specified in the array of input file numbers.**
	CAUSE	A file number specified in the inputfiles parameter of the HPMERGEINIT intrinsic is not a valid file number.
	ACTION	Don't hardcode a file number for the inputfiles parameter, make sure the file number returned from the HPFOPEN or FOPEN intrinsic is not corrupt.
250	MESSAGE	**PROBE failure on the status parameter of the HPMERGEINIT intrinsic.**
	CAUSE	The address specified in the *status* parameter is not within the allowable address range.
	ACTION	Check the value of the *status* parameter.

251	MESSAGE	PROBE failure on the inputfiles parameter of the HPMERGEINIT intrinsic.
	CAUSE	The address specified in the *inputfiles* parameter is not within the allowable address range.
	ACTION	Check the value of the *inputfiles* parameter.
252	MESSAGE	PROBE failure on the outputfiles parameter of the HPMERGEINIT intrinsic.
	CAUSE	The address specified in the *outputfiles* parameter is not within the allowable address range.
	ACTION	Check the value of the *outputfiles* parameter.
253	MESSAGE	PROBE failure on the keys parameter of the HPMERGEINIT intrinsic.
	CAUSE	The address specified in the *keys* parameter is not within the allowable address range.
	ACTION	Check the value of the *keys* parameter.
254	MESSAGE	PROBE failure on the altseq parameter of the HPMERGEINIT intrinsic.
	CAUSE	The address specified in the *altseq* parameter is not within the allowable address range.
	ACTION	Check the value of the *altseq* parameter.

255	MESSAGE	PROBE failure on the statistics parameter of the HPMERGEINIT intrinsic.
	CAUSE	The address specified in the *statistics* parameter is not within the allowable address range.
	ACTION	Check the value of the *statistics* parameter.
256	MESSAGE	PROBE failure on the charseq parameter of the HPMERGEINIT intrinsic.
	CAUSE	The address specified in the *charseq* parameter is not within the allowable address range.
	ACTION	Check the value of the *charseq* parameter.
260	MESSAGE	PROBE failure on the status parameter of the HPMERGEOUTPUT intrinsic.
	CAUSE	The address specified in the *status* parameter is not within the allowable address range.
	ACTION	Check the value of the *status* parameter.
261	MESSAGE	PROBE failure on the buffer parameter of the HPMERGEOUTPUT intrinsic.
	CAUSE	The address specified in the *buffer* parameter is not within the allowable address range.
	ACTION	Check the value of the *buffer* parameter.

262	MESSAGE	PROBE failure on the length parameter of the HPMERGEOUTPUT intrinsic.
	CAUSE	The address specified in the *length* parameter is not within the allowable address range.
	ACTION	Check the value of the *length* parameter.
263	MESSAGE	PROBE failure on the status parameter of the HPMERGEEND intrinsic.
	CAUSE	The address specified in the *status* parameter is not within the allowable address range.
	ACTION	Check the value of the *status* parameter.
264	MESSAGE	PROBE failure on the statistics parameter of the HPMERGEEND intrinsic.
	CAUSE	The address specified in the *statistics* parameter is not within the allowable address range.
	ACTION	Check the value of the *statistics* parameter.
265	MESSAGE	PROBE failure on the status parameter of the HPMERGEERRORMESS intrinsic.
	CAUSE	The address specified in the *status* parameter is not within the allowable address range.
	ACTION	Check the value of the *status* parameter.

266	MESSAGE	PROBE failure on the message parameter of the HPMERGEERRORMESS intrinsic.
	CAUSE	The address specified in the *message* parameter is not within the allowable address range.
	ACTION	Check the value of the *message* parameter.
267	MESSAGE	PROBE failure on the length parameter of the HPMERGEERRORMESS intrinsic.
	CAUSE	The address specified in the *length* parameter is not within the allowable address range.
	ACTION	Check the value of the *length* parameter.
268	MESSAGE	PROBE failure on the status parameter of the HPMERGESTAT intrinsic.
	CAUSE	The address specified in the *status* parameter is not within the allowable address range.
	ACTION	Check the value of the *status* parameter.
269	MESSAGE	PROBE failure on the statistics parameter of the HPMERGESTAT intrinsic.
	CAUSE	The address specified in the *statistics* parameter is not within the allowable address range.
	ACTION	Check the value of the *statistics* parameter.

270	MESSAGE	PROBE failure on the status parameter of the HPMERGETITLE intrinsic.
	CAUSE	The address specified in the *status* parameter is not within the allowable address range.
	ACTION	Check the value of the *status* parameter.
990	MESSAGE	An unexpected internal error was detected.
	CAUSE	An error was detected, however, because it was an unexpected error (illegal pointer, arithmetic trap, etc.) a more specific error status could not be returned.
	ACTION	Contact your Hewlett-Packard representative.
993	MESSAGE	SWITCH_TO_CM failed on the MERGETITLE call.
	CAUSE	Internal MERGE/XL error.
	ACTION	Contact your Hewlett-Packard representative.
994	MESSAGE	SWITCH_TO_CM failed on the MERGEERRORMESS call.
	CAUSE	Internal MERGE/XL error.
	ACTION	Contact your Hewlett-Packard representative.
995	MESSAGE	SWITCH_TO_CM failed on the MERGEEND2 call.
	CAUSE	Internal MERGE/XL error.
	ACTION	Contact your Hewlett-Packard representative.

996	MESSAGE	SWITCH_TO_CM failed on the MERGEEND1 call.
	CAUSE	Internal MERGE/XL error.
	ACTION	Contact your Hewlett-Packard representative.
997	MESSAGE	SWITCH_TO_CM failed on the MERGEOUTPUT call.
	CAUSE	Internal MERGE/XL error.
	ACTION	Contact your Hewlett-Packard representative.
998	MESSAGE	SWITCH_TO_CM failed on the MERGEGETHIDP call.
	CAUSE	Internal MERGE/XL error.
	ACTION	Contact your Hewlett-Packard representative.
999	MESSAGE	SWITCH_TO_CM failed on the MERGEINIT call.
	CAUSE	Internal MERGE/XL error.
	ACTION	Contact your Hewlett-Packard representative.
1000	MESSAGE	HPMERGEERRORMESS failed on the call to HPERRMSG.
	CAUSE	You called the HPMERGEERRORMESS intrinsic even though there was no error.
	ACTION	Only call HPMERGEERRORMESS if the *status* parameter from the previous intrinsic call does not equal zero.

17

Intrinsic Status Returns, HPSORT

(Subsystem 195)

The following table lists the error number, message, cause, and user corrective action for status returns from the HPSORT intrinsics.

1	MESSAGE	**If you specified the *keycompare* parameter, you can not specify the *keys* and *numkeys* parameters.**
	CAUSE	You specified the *keycompare* and the *keys* and *numkeys* parameters in the HPSORTINIT intrinsic.
	ACTION	Specify the *keycompare* parameter or else specify the *keys* and *numkeys* parameters in HPSORTINIT.
2	MESSAGE	**If you do not specify the keycompare parameter, you must specify the keys and numkeys parameters.**
	CAUSE	You specified neither the *keycompare* parameter or the *keys* and *numkeys* parameters in the HPSORTINIT intrinsic.
	ACTION	Specify either the *keycompare* parameter or specify the *keys* and *numkeys* parameters in the HPSORTINIT intrinsic.
3	MESSAGE	**You did not specify a reclength parameter, or you specified it less than or equal to 0.**
	CAUSE	You specified the *reclength* parameter in the HPSORTINIT intrinsic to be less than or equal to 0. or you did not specify an inputfile or use HPSORTINPUT.
	ACTION	Set the *reclength* parameter to a value that is greater than 7 or specify the *inputfiles* parameter use the HPSORTINPUT intrinsic.

4	MESSAGE	`You must not specify the keycompare parameter if you specified the outputoption parameter as greater than 1.`
	CAUSE	The *keycompare* is only allowed when the entire record is output.
	ACTION	Change *outputoption* to 1 or don't use *keycompare*.
5	MESSAGE	`FREAD error on the scratch file.`
	CAUSE	Internal SORT/XL error.
	ACTION	Contact your Hewlett-Packard representative.
6	MESSAGE	`Illegal output option.`
	CAUSE	You specified the *outputoption* parameter in HPSORTINIT to be less than zero or greater than three.
	ACTION	Set the *outputoption* parameter to 0, 1, 2, or 3.
7	MESSAGE	`The scratch file cannot be opened.`
	CAUSE	A common cause of this problem is that there is not enough contiguous disk space available for the scratch file.
	ACTION	Compare the size of the file to be sorted with the available contiguous disk space. Purge or archive files to tape as necessary.
8	MESSAGE	`Failure on FGETINFO (inputfile).`
	CAUSE	CCL condition code returned from the FGETINFO intrinsic called from SORT/XL.
	ACTION	Make sure the file number has not been corrupted. Also refer to the FGETINFO intrinsic in the *MPE/iX Intrinsic Reference Manual (32650-90028)*;

9	MESSAGE	`Illegal numkeys parameter.`
	CAUSE	You specified the *numkeys* parameter in HPSORTINIT to not correlate to the number of keys in the *keys* parameter.
	ACTION	Set the *numkeys* parameter to correspond to the number of keys that you specified in the *keys* parameter.
10	MESSAGE	`The key field is not within the specified record length.`
	CAUSE	A key specified in your *keys* parameter in HPSORTINIT, indicates a field that begins and/or ends outside of the record.
	ACTION	Set the key field in the *keys* parameter to be contained in the record length or make sure that your record length is long enough to contain all your keys.
11	MESSAGE	`Illegal ascending/descending code.`
	CAUSE	The 4th element for a key in the *keys* array parameter in HPSORTINIT is less than 0 or greater than 1.
	ACTION	Set the 4th element for a key in the *keys* array parameter to 0 or 1.
12	MESSAGE	`Illegal key code.`
	CAUSE	The 3rd element in the *keys* array parameter in HPSORTINIT is less than 0 or greater than 13.
	ACTION	Set the 3rd element in the *keys* array parameter to a value that is from 0-13 inclusive.
13	MESSAGE	`Insufficient stack space.`
	CAUSE	Input file was opened with NOBUFF and MULTI options. The stack was used for blocking/deblocking the file and has insufficient space.
	ACTION	Open your files with the BUFF and NOMULTI options.

14	MESSAGE	`The input record does not include all key fields.`
	CAUSE	You are using variable length records that contain records that are not long enough to contain the key fields.
	ACTION	Set the key field in the *keys* parameter to be contained in the shortest record length or make sure that your shortest record is long enough to contain all your keys.
15	MESSAGE	`The input record is too long.`
	CAUSE	The input record is longer than specified in the *reclength* parameter.
	ACTION	Alter the *reclength* parameter to accurately reflect the record length.
16	MESSAGE	`There are too many input records.`
	CAUSE	SORT/XL internal error. You have exceeded the default value of 10,000 records.
	ACTION	Use the INPUT command and specify a larger number of records. If message still appears, contact your Hewlett-Packard representative.
17	MESSAGE	`FWRITE error on the scratch file.`
	CAUSE	SORT/XL internal error.
	ACTION	Contact your Hewlett-Packard representative.
18	MESSAGE	`FREAD error on the input file.`
	CAUSE	CCL returned from the FREAD intrinsic called from SORT/XL.
	ACTION	Make sure your input file number has not been corrupted. Also refer to the *MPE/iX Intrinsics Reference Manual (32650-90028).*

19	MESSAGE	`FWRITE error on the output file.`
	CAUSE	CCL returned from the `FWRITE` intrinsic called from SORT/XL.
	ACTION	Make sure your output file number has not been corrupted. Also refer to the *MPE/iX Intrinsics Reference Manual* (32650-90028).
20	MESSAGE	`FCLOSE error on the scratch file.`
	CAUSE	SORT/XL internal error.
	ACTION	Contact your Hewlett-Packard representative.
21	MESSAGE	`$NULL is not a valid input file.`
	CAUSE	You specified `$NULL` as an input file.
	ACTION	Change the file specification to another file.
22	MESSAGE	`Failure on FGETINFO (outputfile).`
	CAUSE	CCL returned from the `FGETINFO` intrinsic called from SORT/XL.
	ACTION	Make sure the output file number has not been corrupted. Also refer to the *MPE/iX Intrinsic Reference Manual (32650-90028).*
23	MESSAGE	`Error in attempting to write EOF on the scratch file.`
	CAUSE	Internal SORT/XL error.
	ACTION	Contact your Hewlett-Packard representative.
24	MESSAGE	`Error attempting to rewind the scratch file.`
	CAUSE	Internal SORT/XL error.
	ACTION	Contact your Hewlett-Packard representative.

25	MESSAGE	`Illegal characteristics for opening the scratch file with FOPEN.`
	CAUSE	Internal SORT/XL error.
	ACTION	Contact your Hewlett-Packard representative.
26	MESSAGE	`Insufficient stack space for the specified allocation.`
	CAUSE	The amount of space that you specified in the *memsize* parameter does not allow enough room to perform the sort.
	ACTION	Increase the value of the parameter or do not specify the *memsize*| parameter and let SORT/XL use as much stack space as it needs.
27	MESSAGE	`Failure of FFILEINFO (inputfile).`
	CAUSE	CCL returned from the `FFILEINFO` intrinsic called from SORT/XL.
	ACTION	Make sure that the input file number is not corrupted. Also refer to the *MPE/iX Intrinsic Reference Manual (32650-90028).*
28	MESSAGE	`Failure of FFILEINFO (outputfile).`
	CAUSE	CCL returned from the `FFILEINFO` intrinsic called from SORT/XL.
	ACTION	Make sure that the output file number is not corrupted. Also refer to the *MPE/iX Intrinsic Reference Manual (32650-90028).*
29	MESSAGE	`The sort language is not supported.`
	CAUSE	The language specified in the second element of the *charseq* parameter array in `HPSORTINIT` is not supported on your system.
	ACTION	Check valid language IDs by running `NLUTIL`. Set the second element of the *charseq* array to a valid language ID.

30	MESSAGE	**NLINFO error obtaining the length of the collating sequence table.**
	CAUSE	Native Language (NL) not installed or internal NL error.
	ACTION	Contact your system manager or your Hewlett-Packard representative.
31	MESSAGE	**NLINFO error loading the collating sequence table.**
	CAUSE	Native Language (NL) not installed or internal NL error.
	ACTION	Contact your system manager or your Hewlett-Packard representative.
32	MESSAGE	**Invalid charseq parameter.**
	CAUSE	The first element of the *charseq* parameter array is a value other than one (1).
	ACTION	Set the first element in the *charseq* parameter array to one.
33	MESSAGE	**A two-byte collating sequence table is not specified.**
	CAUSE	A two-byte collating sequence table was not specified in the *charseq* parameter although a two-byte key was specified in the *keys* parameter.
	ACTION	Specify a two-byte sequence in both the *charseq* and *keys* parameters.
34	MESSAGE	**FGETINFO failure on the two-byte collating sequence table.**
	CAUSE	CCL returned from the FGETINFO intrinsic called from SORT/XL.
	ACTION	Make sure the file number passed in *charseq* is not corrupted. Also refer to the *MPE/iX Intrinsic Reference Manual (32650-90028)*.

35	MESSAGE	`FREAD error on the two-byte collating sequence table.`
	CAUSE	CCL returned from the `FREAD` intrinsic called from SORT/XL.
	ACTION	Make sure the file number passed in *charseq* is not corrupted. Also refer to the *MPE/iX Intrinsic Reference Manual (32650-90028).*
36	MESSAGE	`The file is not a valid two-byte collating sequence.`
	CAUSE	Error returned from `NLINFO` intrinsic called from SORT/XL.
	ACTION	Check the file type. Also refer to the *MPE/iX Intrinsic Reference Manual (32650-90028).*
37	MESSAGE	`Two-byte xxxx is undefined in the collating sequence table; the largest number is assigned.`
	CAUSE	The two-byte value, xxxx, is undefined.
	ACTION	Change xxxx to the correct value.
38	MESSAGE	`The length of the two-byte key must be an even number of bytes.`
	CAUSE	Although you specified a two-byte sequence, the key length specified in the *keys* parameter is an odd number.
	ACTION	Specify the key length as an even number.
39	MESSAGE	`The file type is not a valid two-byte collating sequence table.`
	CAUSE	The file containing the two-byte sequence has been corrupted, or Native Language (NL) not installed or internal NL error.
	ACTION	Contact your system manager or your Hewlett-Packard representative.

40	MESSAGE	PRINT intrinsic failed in HPSORTTITLE.
	CAUSE	You redirected output from HPSORTTITLE to a file that is too small; HPSORTTITLE requires two records to output information.
	ACTION	Allow room for at least two records when you redirect output from HPSORTTITLE to a file.
41	MESSAGE	PRINT intrinsic failed in HPSORTSTAT.
	CAUSE	You redirected output from HPSORTSTAT to a file that is too small; HPSORTSTAT requires ten records to output information.
	ACTION	Allow room for at least ten records when you redirect output from HPSORTSTAT to a file.
190	MESSAGE	There are too many input files.
	CAUSE	You input more than 100 input files to SORT/XL.
	ACTION	Run SORT/XL several times with allowable number of files then run MERGE/XL to merge the sorted files or consolidate several files into one until you are within SORT/XL's limit.
191	MESSAGE	There are no input files in the supplied parameter.
	CAUSE	You did not specify any input file numbers in the *inputfiles* parameter of the HPSORTINIT intrinsic. The array contains no file numbers.
	ACTION	Specify input file numbers in the *inputfiles* parameter of the HPSORTINPUT intrinsic.

193	MESSAGE	**If you specify the keys parameter, you must also specify the numkeys parameter.**
	CAUSE	You specified the *keys* parameter without specifying the *numkeys* parameter in **HPSORTINIT** (or vice-versa).
	ACTION	Specify both the *numkeys* and the *keys* parameters.
199	MESSAGE	**The record length exceeds the maximum allowed.**
	CAUSE	Internal File System error.
	ACTION	Contact your Hewlett-Packard representative.
200	MESSAGE	**Insufficient memory allocated for the record size.**
	CAUSE	You are trying to sort more data than SORT/XL can handle.
	ACTION	If you are sorting one large file, break it into several smaller files. If you are sorting many large files, sort them individually and then merge them with MERGE/XL.
201	MESSAGE	**Open of storage area failed.**
	CAUSE	Internal SORT/XL error.
	ACTION	Contact your Hewlett-Packard representative.
202	MESSAGE	**NM to CM switch occurred, but NM cannot handle the sort.**
	CAUSE	Internal SORT/XL error.
	ACTION	Contact your Hewlett-Packard representative.

203	MESSAGE	**Invalid input file number.**
	CAUSE	Input file number specified in *inputfiles* parameter of HPSORTINIT intrinsic is not a valid file number.
	ACTION	Don't hardcode a file number for the *inputfiles* parameter, make sure the file number returned from the HPFOPEN or FOPEN intrinsic is not corrupted.
204	MESSAGE	**Record length exceeds maximum allowed.**
	CAUSE	Internal File System error.
	ACTION	Contact your Hewlett-Packard representative.
250	MESSAGE	**PROBE failure on the status parameter of the HPSORTINIT intrinsic.**
	CAUSE	The address specified in the *status* parameter is not within the allowable address range.
	ACTION	Check the value of the *status* parameter.
251	MESSAGE	**PROBE failure on the inputfiles parameter of the HPSORTINIT intrinsic.**
	CAUSE	The address specified in the *inputfiles* parameter is not within the allowable address range.
	ACTION	Check the value of the *inputfiles* parameter.
252	MESSAGE	**PROBE failure on the outputfiles parameter of the HPSORTINIT intrinsic.**
	CAUSE	The address specified in the *outputfiles* parameter is not within the allowable address range.
	ACTION	Check the value of the *outputfiles* parameter.

253	MESSAGE	PROBE failure on the keys parameter of the HPSORTINIT intrinsic.
	CAUSE	The address specified in the *keys* parameter is not within the allowable address range.
	ACTION	Check the value of the *keys* parameter.
254	MESSAGE	PROBE failure on the altseq parameter of the HPSORTINIT intrinsic.
	CAUSE	The address specified in the *altseq* parameter is not within the allowable address range.
	ACTION	Check the value of the *altseq* parameter.
255	MESSAGE	PROBE failure on the statistics parameter of the HPSORTINIT intrinsic.
	CAUSE	The address specified in the *statistics* parameter is not within the allowable address range.
	ACTION	Check the value of the *statistics* parameter.
256	MESSAGE	PROBE failure on the charseq parameter of the HPSORTINIT intrinsic.
	CAUSE	The address specified in the *charseq* parameter is not within the allowable address range.
	ACTION	Check the value of the *charseq* parameter.
257	MESSAGE	PROBE failure on the status parameter of the HPSORTINPUT intrinsic.
	CAUSE	The address specified in the *status* parameter is not within the allowable address range.
	ACTION	Check the value of the *status* parameter.

258	MESSAGE	PROBE failure on the buffer parameter of the HPSORTINPUT intrinsic.
	CAUSE	The address specified in the *buffer* parameter is not within the allowable address range.
	ACTION	Check the value of the *buffer* parameter.
259	MESSAGE	PROBE failure on the length parameter of the HPSORTINPUT intrinsic.
	CAUSE	The address specified in the *length* parameter is not within the allowable address range.
	ACTION	Check the value of the *length* parameter.
260	MESSAGE	PROBE failure on the status parameter of the HPSORTINPUT intrinsic.
	CAUSE	The address specified in the *status* parameter is not within the allowable address range.
	ACTION	Check the value of the *status* parameter.
261	MESSAGE	PROBE failure on the buffer parameter of the HPSORTOUTPUT intrinsic.
	CAUSE	The address specified in the *buffer* parameter is not within the allowable address range.
	ACTION	Check the value of the *buffer* parameter.
262	MESSAGE	PROBE failure on the length parameter of the HPSORTOUTPUT intrinsic.
	CAUSE	The address specified in the *length* parameter is not within the allowable address range.
	ACTION	Check the value of the *length* parameter.

263	MESSAGE	PROBE failure on the status parameter of the HPSORTEND intrinsic.
	CAUSE	The address specified in the *status* parameter is not within the allowable address range.
	ACTION	Check the value of the *status* parameter.
264	MESSAGE	PROBE failure on the statistics parameter of the HPSORTEND intrinsic.
	CAUSE	The address specified in the *statistics* parameter is not within the allowable address range.
	ACTION	Check the value of the *statistics* parameter.
265	MESSAGE	PROBE failure on the status parameter of the HPSORTERRORMESS intrinsic.
	CAUSE	The address specified in the *status* parameter is not within the allowable address range.
	ACTION	Check the value of the *status* parameter.
266	MESSAGE	PROBE failure on the message parameter of the HPSORTERRORMESS intrinsic.
	CAUSE	The address specified in the *message* parameter is not within the allowable address range.
	ACTION	Check the value of the *message* parameter.

267	MESSAGE	PROBE failure on the length parameter of the HPSORTERRORMESS intrinsic.
	CAUSE	The address specified in the *length* parameter is not within the allowable address range.
	ACTION	Check the value of the *length* parameter.
268	MESSAGE	PROBE failure on the status parameter of the HPSORTSTAT intrinsic.
	CAUSE	The address specified in the *status* parameter is not within the allowable address range.
	ACTION	Check the value of the *status* parameter.
269	MESSAGE	PROBE failure on the statistics parameter of the HPSORTSTAT intrinsic.
	CAUSE	The address specified in the *statistics* parameter is not within the allowable address range.
	ACTION	Check the value of the *statistics* parameter.
270	MESSAGE	PROBE failure on the status parameter of the HPSORTTITLE intrinsic.
	CAUSE	The address specified in the *status* parameter is not within the allowable address range.
	ACTION	Check the value of the *status* parameter.
990	MESSAGE	Previous NM error occurred.
	CAUSE	Internal SORT/XL error.
	ACTION	Contact your Hewlett-Packard representative.

992	MESSAGE	SWITCH_TO_CM error on the SORTTITLE call.
	CAUSE	Internal SORT/XL error.
	ACTION	Contact your Hewlett-Packard representative.
993	MESSAGE	SWITCH_TO_CM error on the SORTERRORMESS call.
	CAUSE	Internal SORT/XL error.
	ACTION	Contact your Hewlett-Packard representative.
994	MESSAGE	SWITCH_TO_CM error on the SORTEND2 call.
	CAUSE	Internal SORT/XL error.
	ACTION	Contact your Hewlett-Packard representative.
995	MESSAGE	SWITCH_TO_CM error on the SORTEND1 call.
	CAUSE	Internal SORT/XL error.
	ACTION	Contact your Hewlett-Packard representative.
996	MESSAGE	SWITCH_TO_CM error on the SORTOUTPUT call.
	CAUSE	Internal SORT/XL error.
	ACTION	Contact your Hewlett-Packard representative.
997	MESSAGE	SWITCH_TO_CM error on the SORTINPUT call.
	CAUSE	Internal SORT/XL error.
	ACTION	Contact your Hewlett-Packard representative.

998	MESSAGE	SWITCH_TO_CM error on the SORTGETHIDP call.
	CAUSE	Internal SORT/XL error.
	ACTION	Contact your Hewlett-Packard representative.
999	MESSAGE	SWITCH_TO_CM error on the SORTINIT call.
	CAUSE	Internal SORT/XL error.
	ACTION	Contact your Hewlett-Packard representative.
1000	MESSAGE	HPSORTERRORMESS failed on the call to HPERRMSG.
	CAUSE	You called the HPSORTERRORMESS intrinsic even though there was no error.
	ACTION	Only call HPSORTERRORMESS if the *status* parameter from the previous intrinsic call does not equal zero.



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