

# **MPE/iX Error Messages Manual Volume II**

**HP e3000 MPE/iX Computer Systems**

**Edition 4**



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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*.



# 1 Vol. II Chapter 1

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## Job/Session

1	MESSAGE	UNABLE TO OBTAIN "IDD ENTRY", ON LDEV #\ IN 'STARTLOGON'. (js 1)
2	MESSAGE	UNABLE TO OBTAIN "JMAT ENTRY", ON LDEV #\ IN 'STARTLOGON'. (js 2)
3	MESSAGE	UNABLE TO OBTAIN "JIT DST", ON LDEV #\ IN 'JSMMAIN'. (js 3)
4	MESSAGE	UNABLE TO OBTAIN "JDT DST", ON LDEV #\ IN 'JSMMAIN'. (js 4)
7	MESSAGE	UNABLE TO OBTAIN "JPCNT ENTRY", ON LDEV #\ IN JSMMAIN. (js 7)
8	MESSAGE	UNABLE TO OBTAIN "SYSTEM ALLOW MASK", ON LDEV #\ IN 'JSMMAIN'. (js 8)
9	MESSAGE	UNABLE TO OBTAIN "TEMP DIREC", ON LDEV #\ IN JSMMAIN. (js 9)
10	MESSAGE	MISSING ACCOUNT NAME DURING LOGON ON LDEV #!. (js 10)
11	MESSAGE	MISSING USER NAME DURING LOGON ON LDEV #!. (js 11)
12	MESSAGE	MISSING HOME GROUP NAME DURING LOGON ON LDEV #!. (js 12)
13	MESSAGE	MISSING GROUP NAME DURING LOGON ON LDEV #!. (js 13)
14	MESSAGE	UNABLE TO OBTAIN "BREAK OBJ", ON LDEV #! IN 'JSMMAIN'. (js 14)
15	MESSAGE	UNABLE TO FIND "DS PLABEL", ON LDEV #! IN 'JSMMAIN'. (js 15)
16	MESSAGE	FOUND BAD "DS PLABEL", ON LDEV #! IN 'JSMMAIN'. (js 16)
18	MESSAGE	UNABLE TO OBTAIN "UDC OBJECT", ON LDEV #! IN 'JSMMAIN'. (js 18)

```
19 UNABLE TO OBTAIN "VARIABLE OBJECT", ON
LDEV #! IN 'JSMAN'. (js 19)
20 MESSAGE COULD NOT OBTAIN JMAT ENTRY ON LDEV #!. (js
20)
21 MESSAGE JMAT CORRUPTION EXISTS. (js 21)
22 MESSAGE ERROR INITIALIZING VARIABLE TABLE. (js 22)
33 MESSAGE LOGON FOR: "!" ON LDEV #!.
34 MESSAGE (PROGRAMMATIC) LOGON FOR: "!" ON LDEV #!.
41 MESSAGE LOGOFF ON LDEV #!.
50 MESSAGE JOBS IN ERROR STATE WERE FOUND DURING WARM
START. (js 50)
61 MESSAGE MISSING GROUP FOR "!" ON LDEV #!. (js 61)
62 MESSAGE MISSING ACCT FOR "!" ON LDEV #!. (js 62)
63 MESSAGE MISSING USER FOR "!" ON LDEV #!. (js 63)
64 MESSAGE NO HOME GROUP FOR "!" ON LDEV #!. (js 64)
65 MESSAGE INVALID PASSWORD FOR "!" DURING LOGON ON LDEV
#!. (js 65)
66 MESSAGE NO ACCOUNT CPU TIME FOR "!" ON LDEV #!. (js
66)
67 MESSAGE NO ACCOUNT CONNECT TIME FOR "!" ON LDEV #!.
(js 67)
69 MESSAGE MISSING BA CAPABILITY FOR "!" ON LDEV #!. (js
69)
70 MESSAGE MISSING IA CAPABILITY FOR "!" ON LDEV #!. (js
70)
71 MESSAGE NO GROUP CPU TIME FOR "!" ON LDEV #!. (js 71)
72 MESSAGE NO GROUP CONNECT TIME FOR "!" ON LDEV #!. (js
72)
73 MESSAGE READ FAIL FOR PROGRAMMATIC SESSION "!" ON
LDEV #! (js73)
75 MESSAGE CAN'T FOPEN $STDIN FOR "!", ON LDEV #!. (js
75)
76 MESSAGE CAN'T FOPEN $STDLIST FOR "!", ON LDEV #!. (js
76)
77 MESSAGE CAN'T FOPEN $STDERR FOR "!", ON LDEV #!. (js
77)
78 MESSAGE CAN'T DELETE $STDLIST ON LDEV #!. (js 78)
79 MESSAGE CAN'T DELETE $STDERR ON LDEV #\.. (js 79)
```



80 MESSAGE CAN'T FOPEN DEVICE. (js 80)  
85 MESSAGE CAN'T FCLOSE LDEV #\. (js 85)  
86 MESSAGE CAN'T FCLOSE \$STDIN ON LDEV #!. (js 86)  
87 MESSAGE CAN'T FCLOSE \$STDLIST ON LDEV #!. (js 87)  
92 MESSAGE 'STARTLOGON' CALL CORRUPTION, PARM IS LDEV.  
(js 92)  
93 MESSAGE 'STARTLOGON' CALL CORRUPTION, PARM IS INFILE.  
(js 93)  
94 MESSAGE 'STARTLOGON' CALL CORRUPTION, PARM IS  
OUTFILE. (js 94)  
95 MESSAGE 'STARTLOGON' CALL CORRUPTION, PARM IS IN AND  
OUT FILES. (js 95)  
96 MESSAGE 'STARTLOGON' CALL CORRUPTION, PARM IS LDEV  
AND IN/OUT FILES. (js 96)  
97 MESSAGE 'STARTLOGON' CALL CORRUPTION, PARM IS PROMPT  
FLAG. (js 97)  
98 MESSAGE 'STARTLOGON' CALL CORRUPTION, PARM IS READ  
FLAG. (js 98)  
99 MESSAGE 'STARTLOGON' CALL CORRUPTION, PARM IS CHAR.  
(js 99)  
102 MESSAGE ACTIVATION OF SYSTEM CI "!" FAILED FOR USER  
"!" ON LDEV #!. (js 102)  
103 MESSAGE ACTIVATION OF USER CI "!" FAILED FOR USER "!"  
ON LDEV #!. (js 103)  
114 MESSAGE CREATION OF SYSTEM CI "!" FAILED FOR ! ON  
LDEV #!. (js 114)  
115 MESSAGE CREATION OF USER CI "!" FAILED FOR ! ON LDEV  
#!. (js 115)  
120 MESSAGE NS ADOPT IN ERROR ON LDEV #!. (js 120)  
121 MESSAGE NS ADOPT OUT ERROR ON LDEV #!. (js 121)  
125 MESSAGE DIRECTORY ERROR #! ENCOUNTERED DURING LOGOFF  
ON LDEV #!. (js 125)  
127 MESSAGE CAN'T OPEN \$STDLIST TO \$NULL ON LDEV #!. (js  
127)  
128 MESSAGE CAN'T OPEN \$STDERR TO \$NULL ON LDEV #!. (js  
128)  
130 MESSAGE CAN'T FOPEN \$STDIN IN 'STARTLOGON' ON LDEV  
#!. (js 130)  
131 MESSAGE CAN'T FOPEN \$STDLIST IN 'STARTLOGON' ON LDEV

```
#!. (js 131)
132      MESSAGE      CAN'T FREAD $STDIN IN 'STARTLOGON' ON LDEV
          #!. (js 132)
133      MESSAGE      CAN'T FWRITE $STDLIST IN 'STARTLOGON' ON LDEV
          #!. (js 133)
134      MESSAGE      CAN'T FCONTROL IN 'STARTLOGON' ON LDEV #!.
          (js 134)
135      MESSAGE      CAN'T FGETINFO IN 'STARTLOGON' ON LDEV #!.
          (js 135)
136      MESSAGE      CAN'T FIND 'SYSTEM' PROMPT IN 'STARTLOGON' ON
          LDEV #!. (js 136)
137      MESSAGE      CAN'T FIND 'USER' PROMPT IN 'STARTLOGON' ON
          LDEV #!. (js 137)
138      MESSAGE      STREAMING HAS NOT BEEN ENABLED. (js 138)
139      MESSAGE      CONFIGURED STREAM DEFAULT IN LDEV IS INVALID.
          (js 139)
141      MESSAGE      CONFIGURED STREAM DEFAULT LIST LDEV/CLASS IS
          INVALID. (js 141)
143      MESSAGE      INVALID IN LDEV. (js 143)
145      MESSAGE      INVALID LIST LDEV/CLASS. (js 145)
152      MESSAGE      CONFIGURED STREAM DEVICE IS NOT :JOB OR :DATA
          ACCEPTING. (js 152)
171      MESSAGE      INPUT DEVICE "!" ACCESS SECURITY VIOLATIION
          FOR "!". (js 171)
172      MESSAGE      OUTPUT DEVICE "!" ACCESS SECURITY VIOLATION
          FOR "!". (js 172)
206      MESSAGE      ALL JOBS LOGGED OFF
210      MESSAGE      INTERNAL PORT SEND_MSG ERROR #! ON ! ! (!).
          (js 210)
215      MESSAGE      INTERNAL PORT SEND_MSG ERROR #!. UNABLE TO
          DELETE JSMAIN POOL. (!) (js 215)
216      MESSAGE      INTERNAL PORT SEND_MSG ERROR #! ON UPDATING
          JSMAIN POOL ON ! (!) (js 216)
220      MESSAGE      WARNING: DISC SPACE IS LOW. ONLY JOBS AND
          SESSIONS WITH HIPRI MAY LOGON. (js 220)
          CAUSE      System domain disc space is being used at a high level and
          the system will not allocate disc space for ordinary jobs or
          sessions.
          ACTION     Wait until some jobs or sessions have logged off before
```

**starting any new ones. Submit jobs or sessions with the HIPRI option. Purge some files, groups or accounts (to create more useable system domain space) then start new jobs or sessions. (Before purging any files, groups or accounts, you may wish to store them to tape).**

221	MESSAGE	SYSTEM IS NO LONGER LOW ON DISC SPACE. JOBS AND SESSIONS MAY LOGON NORMALLY. (js 221)
	CAUSE	<b>The system previously could not initiate new jobs or sessions because it was running out of system domain disc space.</b>
	ACTION	<b>Nothing. The system now has adequate disc space to start new jobs and sessions. However, you may wish to evaluate your disc space utilization.</b>
300	MESSAGE	JSMAN PROCESS CANNOT BE CREATED (js 300)
301	MESSAGE	JSMAN PROCESS CANNOT BE ACTIVATED. (js 301)
302	MESSAGE	JSMAN PORT CANNOT BE CREATED. (js 302)
310	MESSAGE	OPERATING SYSTEM ESCAPE TO JSMAN OUTER BLOCK. STATUS INFO : !, SUBSYS : !. (js 310)
311	MESSAGE	OPERATING SYSTEM ESCAPE TO JOBMAIN OUTER BLOCK. STATUS INFO : !, SUBSYS : !. (js 311)
312	MESSAGE	OPERATING SYSTEM ESCAPE TO SESSIONMAIN OUTER BLOCK. STATUS INFO : !, SUBSYS : !. (js 312)
320	MESSAGE	JSMAN PORT RECEIVED UNEXPECTED MESSAGE #!. (js 320)
321	MESSAGE	JOB QUEUE PORT RECEIVED UNEXPECTED MESSAGE #!. (js 321)
322	MESSAGE	JOBMAIN PORT RECEIVED UNEXPECTED MESSAGE #!. (js 322)
323	MESSAGE	SESSION PORT RECEIVED UNEXPECTED MESSAGE #!. (js 323)
330	MESSAGE	JSMAN CANNOT GET COMMAND TO PROCESS. (js 330)
600	MESSAGE	DIRECTORY EXCEEDED GDFS. (js 600)
601	MESSAGE	DIRECTORY EXCEEDED ADFS. (js 601)
602	MESSAGE	VOLUME SET IS NOT MOUNTED FOR USER ! ON LDEV #!. (js 602)
603	MESSAGE	NON-EXISTENT ACCOUNT ON VOLUME SET FOR USER ! ON LDEV #!. (js 603)
604	MESSAGE	NON-EXISTENT GROUP ON VOLUME SET FOR USER ! ON LDEV #!. (js 604)

```
610      MESSAGE      INTERNAL DIRECTORY I/O ERROR FOR USER ! ON
                          LDEV #!. (js 610)
611      MESSAGE      LOGON FAILURE DUE TO VMOUNT OFF FOR USER ! ON
                          LDEV #!. (js 611)
700      MESSAGE      DATA COMMAND IS NOT CURRENTLY SUPPORTED
705      MESSAGE      JOBS ON TERMINALS ARE NOT CURRENTLY SUPPORTED
9600     MESSAGE      INTERNAL DIRECTORY ERROR FOR USER ! % ON LDEV
                          #!. (js 9600)
9601     MESSAGE      DIRECTORY SWITCH FAILURE ON LDEV #!. (js
                          9601)
9602     MESSAGE      NO GUFDF/PLFD CURRENTLY AVAILABLE ON LDEV #!.
                          (js 9602)
```

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## KSAM

### (Subsystem 143)

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<b>NOTE</b>		KSAM error messages are included with subsystem 143 (File System) messages. Refer to chapter 4, File System (Native Mode), for listing of messages.
1026	MESSAGE	Type manager; an internal error occurred.
	CAUSE	You requested a lower level system service and this reported an error to the type manager.
	ACTION	If the problem persists, contact your Hewlett-Packard support engineer.
1079	MESSAGE	TM_KSM_INVALID_OFFSET
	CAUSE	The file offset pointer calculated for the KSAM file is invalid.
	ACTION	Close the KSAM file, store it to tape, and call your Hewlett-Packard support representative.
1080	MESSAGE	TM_KSM_UNEXPECTED_ERROR
	CAUSE	During an operation on a KSAM file, a non-file system error occurred.
	ACTION	Close the KSAM file, store it to tape, and call your Hewlett-Packard support representative.
6005	MESSAGE	Type manager; invalid function code or parameter.
	CAUSE	An FCONTROL or FDEVICECONTROL function, or one of its parameters, is not valid for the particular device or access method in which it was used. It may also be invalid for any device (for example, out of range).
	ACTION	Check the intrinsic call for which the error is reported and correct any errors in the calling sequence.
6006	MESSAGE	Type manager; you specified a parameter value that is more than the maximum specified for this function.
	CAUSE	Self-explanatory.
	ACTION	Use the MPE XL Ininsics manual to verify the set of acceptable parameters for a given function code.
6007	MESSAGE	Type manager; you specified a parameter value

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		that is less than the minimum specified for this function.
	CAUSE	Self-explanatory.
	ACTION	Use the MPE XL Intrinsic manual to verify the set of acceptable parameters for a given function code.
6013	MESSAGE	Type manager; device is off-line.
	CAUSE	For printers attached via the Distributed Terminal Controller (DTC), this is a generic error indicating the inability of the DTC to communicate with its device. It is currently not returned for other devices.
	ACTION	Check the DTC-to-device cable connections, parity and baud rate settings, DTR and CTS settings, and Transmit/Receive Pacing settings. Ensure that they are set as required for proper use by the DTC.
6022	MESSAGE	Type manager; unit failure.
	CAUSE	An undetermined device or transmission error occurred.
	ACTION	Check lower level statuses to determine the root cause of the error.
6025	MESSAGE	Type manager; timeout while waiting for I/O completion.
	CAUSE	This usually indicates a hardware failure of some component of the I/O subsystem.
	ACTION	Contact your Hewlett-Packard support engineer.
6026	MESSAGE	Type manager; data transmission error.
	CAUSE	An undetermined transmission error was reported by a lower level subsystem.
	ACTION	Check the lower level statuses to determine the root cause of the error.
6029	MESSAGE	Type manager; the device reported a power-up.
	CAUSE	Self-explanatory. For printers, this status is returned only if device status reporting is disable (the default). If it is enabled, the intrinsic interface returns CCG instead, indicating that status is available.
	ACTION	The application or operator should take whatever steps are appropriate (for example, putting the device on line). For printers, the Native Mode Spooler will attempt to recover to the start of the current page.
6035	MESSAGE	Type manager; your I/O request was aborted due to a system power failure.
	CAUSE	Self-explanatory.

	ACTION	<b>If the device is owned by a spooler, the spooler process will terminate. Restart the process. For other situations, take whatever steps are appropriate to re-establish normal device operation.</b>
6036	MESSAGE	Type manager; data lost.
	CAUSE	<b>A lower level subsystem has reported an error of some kind which resulted in an incomplete data transfer.</b>
	ACTION	<b>Check the lower level statuses to determine the root cause of the error.</b>
6037	MESSAGE	Type manager; the I/O request was aborted externally.
	CAUSE	<b>Either you entered an explicit ABORTIO, or the process with outstanding I/O is being terminated.</b>
	ACTION	None.
6039	MESSAGE	Type manager; the device reported a parity error.
	CAUSE	Self-explanatory.
	ACTION	<b>Take whatever steps are appropriate, for example, cleaning tape heads. If the problem persists, contact your Hewlett-Packard support engineer.</b>

## LOADER

### (LOAD ERR)

15	MESSAGE	THE CONFIGURED DEFAULT HEAP SIZE OF ! BYTES IS TOO SMALL, ! IS BEING USED. (LDRWARN 15)
18	MESSAGE	OUT OF DUMPWORTHY FILE DESCRIPTORS. (LDRWARN 18)
19	MESSAGE	OUT OF DUMPWORTHY FILE EXTENT DESCRIPTORS. LDRWARN 19)
20	MESSAGE	DUMPWORTHY OPTION IS NOT SUPPORTED FOR CM PROGRAMS AND LIBRARIES. (LDRWARN 20)
21	MESSAGE	UNKNOWN ENTRY POINT (LOAD ERR 21)
22	MESSAGE	TRACE SUBSYSTEM NOT PRESENT (LOAD ERR 22)
23	MESSAGE	STACK SIZE TOO SMALL (LOAD ERR 23)
24	MESSAGE	MAXDATA TOO LARGE (LOAD ERR 24)
25	MESSAGE	STACK SPACE REQUIRED EXCEEDS SPECIFIED MAXDATA (LOAD ERR 25)
26	MESSAGE	PROGRAM LOADED IN OPPOSITE MODE (LOAD ERR 26)
27	MESSAGE	SL BINDING ERROR (LOAD ERR 27)
28	MESSAGE	INVALID SYSTEM SL FILE (LOAD ERR 28)
29	MESSAGE	INVALID PUBLIC SL FILE (LOAD ERR 29)
30	MESSAGE	INVALID GROUP SL FILE (LOAD ERR 30)
31	MESSAGE	INVALID COMPATIBILITY MODE PROGRAM FILE (LOAD ERR 31)
32	MESSAGE	INVALID LIST FILE (LOAD ERR 32)
33	MESSAGE	CODE SEGMENT TOO LARGE (LOAD ERR 33)
34	MESSAGE	PROGRAM FILE'S EXTENT MAXIMUM MUST BE ONE. (LOAD ERR 34)
35	MESSAGE	DATA SEGMENT TOO LARGE (LOAD ERR 35)
36	MESSAGE	DATA SEGMENT TOO LARGE (LOAD ERR 36)
37	MESSAGE	TOO MANY CODE SEGMENTS (LOAD ERR 37)
38	MESSAGE	TOO MANY CODE SEGMENTS (LOAD ERR 38)
39	MESSAGE	ILLEGAL CAPABILITY (LOAD ERR 39)
40	MESSAGE	TOO MANY PROCEDURES LOADED (LOAD ERR 40)
41	MESSAGE	UNKNOWN PROCEDURE NAME (LOAD ERR 41)



42 MESSAGE INVALID PROCEDURE NUMBER (LOAD ERR 42)  
43 MESSAGE ILLEGAL PROCEDURE UNLOAD (LOAD ERR 43)  
44 MESSAGE ILLEGAL SL CAPABILITY (LOAD ERR 44)  
45 MESSAGE INVALID ENTRY POINT (LOAD ERR 45)  
46 MESSAGE TEMPORARY PROGRAM FILE ILLEGAL (LOAD ERR 46)  
50 MESSAGE UNABLE TO OPEN SYSTEM SL FILE (LOAD ERR 50)  
51 MESSAGE UNABLE TO OPEN PUBLIC SL FILE (LOAD ERR 51)  
52 MESSAGE UNABLE TO OPEN GROUP SL FILE (LOAD ERR 52)  
53 MESSAGE UNABLE TO OPEN PROGRAM FILE (LOAD ERR 53)  
54 MESSAGE UNABLE TO OPEN LIST FILE (LOAD ERR 54)  
55 MESSAGE UNABLE TO CLOSE SYSTEM SL FILE (LOAD ERR 55)  
56 MESSAGE UNABLE TO CLOSE PUBLIC SL FILE (LOAD ERR 56)  
57 MESSAGE UNABLE TO CLOSE GROUP SL FILE (LOAD ERR 57)  
58 MESSAGE UNABLE TO CLOSE PROGRAM FILE (LOAD ERR 58)  
59 MESSAGE UNABLE TO CLOSE LIST FILE (LOAD ERR 59)  
60 MESSAGE EOF OR I/O ERROR ON SYSTEM SL FILE (LOAD ERR  
60)  
61 MESSAGE EOF OR I/O ERROR ON PUBLIC SL FILE (LOAD ERR  
61)  
62 MESSAGE EOF OR I/O ERROR ON GROUP SL FILE (LOAD ERR  
62)  
63 MESSAGE EOF OR I/O ERROR ON PROGRAM FILE (LOAD ERR  
63)  
64 MESSAGE EOF OR I/O ERROR ON LIST FILE (LOAD ERR 64)  
65 MESSAGE UNABLE TO OBTAIN CST ENTRIES (LOAD ERR 65)  
66 MESSAGE UNABLE TO OBTAIN PROCESS DST ENTRY (LOAD ERR  
66)  
67 MESSAGE UNABLE TO OBTAIN MAIL DATA SEGMENT (LOAD ERR  
67)  
68 MESSAGE UNABLE TO CREATE LOAD PROCESS (LOAD ERR 68)  
69 MESSAGE UNABLE TO OBTAIN CSTX ENTRIES (LOAD ERR 69)  
70 MESSAGE SEGMENT TABLE OVERFLOW (LOAD ERR 70)  
71 MESSAGE UNABLE TO OBTAIN SUFFICIENT DL STORAGE (LOAD  
ERR 71)  
72 MESSAGE ATTIO ERROR (LOAD ERR 72)  
73 MESSAGE UNABLE TO OBTAIN VIRTUAL MEMORY (LOAD ERR 73)

74 MESSAGE DIRECTORY I/O ERROR (LOAD ERR 74)  
75 MESSAGE PRINT I/O ERROR (LOAD ERR 75)  
76 MESSAGE ILLEGAL DLsize (LOAD ERR 76)  
77 MESSAGE ILLEGAL MAXDATA (LOAD ERR 77)  
80 MESSAGE PROGRAM ALREADY ALLOCATED (LOAD ERR 80)  
81 MESSAGE ILLEGAL PROGRAM ALLOCATION (LOAD ERR 81)  
82 MESSAGE PROGRAM NOT ALLOCATED (LOAD ERR 82)  
83 MESSAGE ILLEGAL PROGRAM DEALLOCATION (LOAD ERR 83)  
84 MESSAGE PROCEDURE ALREADY ALLOCATED (LOAD ERR 84)  
85 MESSAGE ILLEGAL PROCEDURE ALLOCATION (LOAD ERR 85)  
86 MESSAGE PROCEDURE NOT ALLOCATED (LOAD ERR 86)  
87 MESSAGE ILLEGAL PROCEDURE DEALLOCATION (LOAD ERR 87)  
88 MESSAGE LMAP NOT AVAILABLE (LOAD WARN 88)  
89 MESSAGE PROGRAM LOADED WITH LIB = S (LOAD WARN 89)  
90 MESSAGE PROGRAM LOADED WITH LIB = P (LOAD WARN 90)  
91 MESSAGE PROGRAM LOADED WITH LIB = G (LOAD WARN 91)  
92 MESSAGE ATTEMPTING TO ALLOCATE OR DEALLOCATE PROGRAM  
FROM NON-SYSTEM DISC (LOAD ERR 92)  
93 MESSAGE UNABLE TO MOUNT PROGRAM FILE'S HOME VOLUME  
SET (LOAD ERR 93)  
94 MESSAGE UNABLE TO MOUNT SYSTEM SL'S HOME VOLUME SET  
(LOAD ERR 94)  
95 MESSAGE UNABLE TO MOUNT PRIVATE SL'S HOME VOLUME SET  
(LOAD ERR 95)  
96 MESSAGE UNABLE TO MOUNT GROUP SL'S HOME VOLUME SET  
(LOAD ERR 96)  
97 MESSAGE UNABLE TO LOAD REMOTE PROGRAM FILE (LOAD ERR  
97)  
98 MESSAGE UNABLE TO CONVERT OLD FORMAT (LOAD ERR 98)  
99 MESSAGE UNABLE TO OBTAIN DST FOR LOGICAL MAP (LOAD  
ERR 99)  
100 MESSAGE TOO MANY MAPPED SEGMENTS (LOAD ERR 100)  
101 MESSAGE SEGMAP TOO BIG (LOAD ERR 101)  
102 MESSAGE UNABLE TO EXPAND SEGMAP (LOAD ERR 102)  
103 MESSAGE TOO MANY DYNAMIC LOADS ON PROCEDURE (LOAD ERR  
103)

```
104      MESSAGE      UNABLE TO OBTAIN DATA SEGMENT. COMMAND
                       IGNORED (LOAD ERR 104)
105      MESSAGE      UNABLE TO OPEN CONFDATA.PUB.SYS. COMMAND
                       IGNORED (LOAD ERR 105)
106      MESSAGE      EOF OR I/O ERROR ON CONFDATA.PUB.SYS. COMMAND
                       IGNORED (LOAD ERR 106)
107      MESSAGE      UNABLE TO CLOSE CONFDATA.PUB.SYS. COMMAND
                       IGNORED (LOAD ERR 107)
108      MESSAGE      EOF OR I/O ERROR ON SHOWALLOCATE LIST FILE.
                       COMMAND ABORTED (LOAD ERR 108)
109      MESSAGE      I/O ERROR OCCURED WHILE READIN FILE LABEL.
                       COMMAND ABORTED (LOAD ERR 109)
619      MESSAGE      FILE NOT FOUND IN LOADER PROCESS FILE LIST
                       FOR THE GIVEN PIN. (LDRERR 619)
620      MESSAGE      CURRENT FILE IS THE LAST FILE IN LOADER
                       PROCESS FILE LIST FOR THE GIVEN PIN. (LDRERR
                       620)
```

## Loader, Native Mode

### (Subsystem 104)

1	MESSAGE	CM loader returned with a warning. (LDRWARN 1)
	CAUSE	A warning occurred while loading the CM program.
	ACTION	See text, which should also be displayed, for the specific CM program.
2	MESSAGE	LIBRARY ! was not used. (LDRWARN 2)
	CAUSE	All external references have been resolved by the time the specified library was reached while searching the binding sequence.
	ACTION	If the program successfully loads and runs, then remove the specified library from the binding sequence.
3	MESSAGE	LIBRARY ! was not found. (LDRWARN 3)
	CAUSE	The specified library was not found.
	ACTION	Determine why the specified library is missing.
4	MESSAGE	LIBRARY ! was searched but not referenced. (LDRWARN 4)
	CAUSE	No external procedure references were resolved to the specified library.
	ACTION	If the application runs, the specified library may be able to be eliminated from the binding sequence.
5	MESSAGE	NL.PUB.SYS was not specified as the last file in the binding sequence. (LDRWARN 5)
	CAUSE	The system library is not the last file in the binding sequence.
	ACTION	Reorder the files in the binding sequence appropriately.
6	MESSAGE	Invalid MAX PRIV OF ! was specified; default of user mode was used. (LDRWARN 6)
	CAUSE	The maximum privileged level specified is out of the valid range.
	ACTION	Retry with a correct value.
7	MESSAGE	An invalid stacksize of ! bytes was specified; ! was used. (LDRWARN 7)
	CAUSE	The value specified for the stack size is invalid.
	ACTION	Retry with a correct value.

8	MESSAGE	An invalid heapsize of ! specified; ! used. (LDRWARN 8)
	CAUSE	<b>The value specified for the heap size is invalid.</b>
	ACTION	<b>Retry with a correct value.</b>
9	MESSAGE	CM unloader returned with a warning. (LDRWARN 9)
	CAUSE	<b>A warning occurred while unloading the CM program.</b>
	ACTION	<b>See cause and action for the specific CM unload warning which occurred.</b>
10	MESSAGE	XLLIST parameter is ignored for CM programs. (LDRWARN 10)
	CAUSE	<b>The 'XL=' parameter was specified and is not applicable to CM programs.</b>
	ACTION	<b>Remove the 'XL=' parameter.</b>
11	MESSAGE	XLLIST= and LIB= are mutually exclusive. XLLIST= was used; LIB= was ignored. (LDRWARN 11)
	CAUSE	<b>The 'XL=' parameter and the 'LIB=' parameters were both specified.</b>
	ACTION	<b>Specify only one of the parameters.</b>
12	MESSAGE	The configured default stack size of ! bytes is too small; ! used. (LDWARN 12)
	CAUSE	<b>The default stack size in the configuration files is too small.</b>
	ACTION	<b>Use SYSGEN to change the configured default stack size.</b>
13	MESSAGE	The configured maximum stack size of ! bytes is too small; ! used. (LDRWARN 13)
	CAUSE	<b>The configured maximum stack is too small.</b>
	ACTION	<b>Use SYSGEN to change the configured maximum stack size.</b>
14	MESSAGE	The configure maximum heap size if ! bytes is too small; ! used. (LDRWARN 14)
	CAUSE	<b>The configured maximum heap size is too small.</b>
	ACTION	<b>Use SYSGEN to change the configured maximum heap size.</b>
17	MESSAGE	Program auxiliary header not found; defaults used. (LDRWARN 17)
	CAUSE	<b>Same as message content.</b>

	ACTION	<b>Check the way the program was built.</b>
40	MESSAGE	The system library (NL.PUB.SYS) contains an invalid internal file type identifier. (LDRERR 40)
	CAUSE	<b>The system library is not an executable file.</b>
	ACTION	<b>Try updating your machine or call your Hewlett-Packard Representative.</b>
41	MESSAGE	Loader can not load page with gateway access type. (LDRERR 41)
	CAUSE	<b>Invalid access rights (a gateway page) was encountered.</b>
	ACTION	<b>Try updating your machine or call your Hewlett-Packard Representative.</b>
42	MESSAGE	Allocation of OSINFO TABLE entry failed. (LDRERR 42)
	CAUSE	<b>An error occurred while creating a system object.</b>
	ACTION	<b>Try rebooting. If unsuccessful, call your Hewlett-Packard Representative.</b>
50	MESSAGE	The loader failed to get the group capabilities from the file system. (LDRERR 50)
	CAUSE	<b>Unable to obtain the capabilities for the specified group.</b>
	ACTION	<b>Check the group specified and retry. If unsuccessful, then call your Hewlett-Packard Representative.</b>
51	MESSAGE	The loader failed to get file info from FLABELINFO. (LDRERR 51)
	CAUSE	<b>An error was returned from the FLABELINFO intrinsic.</b>
	ACTION	<b>See cause and action for the specified file system error.</b>
52	MESSAGE	The loader failed to get file information from the file system. (LDERR 52)
	CAUSE	<b>An error occurred obtaining file information about the specified file.</b>
	ACTION	<b>Check the specified file. Recreate if necessary. If unsuccessful, then call your Hewlett-Packard Representative.</b>
53	MESSAGE	Invalid file designator specified. (LDRERR 53)
	CAUSE	<b>The format of the specified file name is incorrect.</b>
	ACTION	<b>Retry with the correct file format.</b>
54	MESSAGE	There is an invalid option in the file

		equation. (LDRERR 54)
	CAUSE	<b>An invalid option was found in a file equation for the specified file.</b>
	ACTION	<b>Check the file equation.</b>
55	MESSAGE	Missing file equation. (LDRERR 55)
	CAUSE	<b>A file equation for the specified back referenced file was not found.</b>
	ACTION	<b>Check the file name specification or issue an appropriate file equation.</b>
56	MESSAGE	HPFOPEN failed. (LDRERR 56)
	CAUSE	<b>An error occurred while opening the specified file.</b>
	ACTION	<b>See the cause and action for the file system error which should also be displayed.</b>
100	MESSAGE	The system procedure name was not found in NL.PUB.SYS (LDRERR 100)
	CAUSE	<b>Requested system procedure, during dynamic load, was not found.</b>
	ACTION	<b>Check the specification of the procedure name.</b>
101	MESSAGE	System SOM containing the given procedure is not loaded. (LDRERR 101)
	CAUSE	<b>Internal error. System SOM, where the specified procedure resides, is not loaded.</b>
	ACTION	<b>Try again. If the problem continues, then call your Hewlett-Packard Representative.</b>
102	MESSAGE	The procedure failed to FREEZE the system PLABEL in memory. (LDRERR 102)
	CAUSE	<b>Attempt to FREEZE in memory the XRT associated with the dynamic load of a memory resident procedure failed.</b>
	ACTION	<b>Retry. If problem continues, call your Hewlett-Packard Representative.</b>
103	MESSAGE	Dynamic loading unresolved external: ! (LDRERR 103)
	CAUSE	<b>Unresolved external references of the procedure requested to be dynamically loaded exist.</b>
	ACTION	<b>Check the binding sequence of the dynamic load request.</b>
104	MESSAGE	The procedure failed to obtain the previous stack frame INFO. (LDRERR 104)
	CAUSE	<b>Unable to obtain information from the previous stack frame.</b>

	ACTION	<b>Retry. If the problem continues, call your Hewlett-Packard Representative.</b>
105	MESSAGE	Bad procedure name specified. (LDRERR 105)
	CAUSE	<b>The procedure name parameter specification is invalid.</b>
	ACTION	<b>Check the procedure name specification.</b>
106	MESSAGE	Bad FIRSTFILE name specified. (LDRERR 106)
	CAUSE	<b>The FIRSTFILE name specified during the dynamic load is invalid.</b>
	ACTION	<b>Check the FIRSTFILE specification.</b>
107	MESSAGE	Bad library name specified. (LDRERR 107)
	CAUSE	<b>The filename specification is invalid.</b>
	ACTION	<b>Check the filename specification.</b>
109	MESSAGE	No LOADER PROCESS FILE LIST for the given PIN. (LDRERR 109)
	CAUSE	<b>The NATIVE MODE LOADER has no information for the specified PIN. The process may be a COMPATIBILITY MODE process.</b>
	ACTION	<b>Check the specification of the PIN.</b>
110	MESSAGE	The FIRSTFILE is not loaded (LDRERR 110)
	CAUSE	<b>The specified file is not loaded by the specified process.</b>
	ACTION	<b>Check the file and process specifications.</b>
111	MESSAGE	The SOM containing the specified procedure name is not loaded. (LDRERR 111)
	CAUSE	<b>The SOM associated with the SOM is not loaded.</b>
	ACTION	<b>Check why the SOM was not loaded prior to requesting information about how it is loaded.</b>
112	MESSAGE	Unable to find the specified procedure. (LDRERR 112)
	CAUSE	<b>The procedure which was requested to be dynamically loaded was not found in the specified binding sequence.</b>
	ACTION	<b>Check the procedure name specification and/or libraries in the binding sequence.</b>
113	MESSAGE	There is no loaded file with the specified SID for the specified PIN. (LDRERR 113)
	CAUSE	<b>The specified file is not loaded by the specified PIN.</b>
	ACTION	<b>Check the file specification and the process specification.</b>
114	MESSAGE	Unable to obtain the system PLABEL TABLE



		pointer. (LDRERR 114)
	CAUSE	<b>Internal error. System PLABEL TABLE was not found.</b>
	ACTION	<b>Retry. If problem continues, try rebooting. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
115	MESSAGE	Unable to find the given PLABEL in the system PLABEL TABLE. (LDRERR 115)
	CAUSE	<b>Unable to find specified PLABEL in the system PLABEL TABLE.</b>
	ACTION	<b>Check the PLABEL specification. Check to make sure the PLABEL was loaded before it is trying to be released.</b>
116	MESSAGE	Unable to obtain the user's capabilities. (LDRERR 116)
	CAUSE	<b>Unable to obtain the capabilities of the user.</b>
	ACTION	<b>Retry. If the problem continues, call your Hewlett-Packard Representative.</b>
117	MESSAGE	Unable to create the process PLABEL TABLE. (LDRERR 117)
	CAUSE	<b>Unable to create the PLABEL TABLE for the dynamic load request.</b>
	ACTION	<b>Retry. If the problem continues, call your Hewlett-Packard Representative.</b>
118	MESSAGE	Unable to obtain an entry for the process PLABEL TABLE header. (LDRERR 118)
	CAUSE	<b>Unable to create the header entry from the PLABEL TABLE during the dynamic load request.</b>
	ACTION	<b>Retry. If the problem continues, call your Hewlett-Packard Representative.</b>
119	MESSAGE	Unable to access a parameter passed to the LOADER intrinsic. (LDRERR 119)
	CAUSE	<b>A bad parameter was specified.</b>
	ACTION	<b>Check the parameters specified.</b>
120	MESSAGE	This is an invalid NM library file code. (LDRERR 120)
	CAUSE	<b>The specified library has a bad file code.</b>
	ACTION	<b>Rebuild the specified library.</b>
121	MESSAGE	Unable to get an entry from the process PLABEL TABLE. (LDRERR 121)
	CAUSE	<b>Unable to obtain entry in the PLABEL TABLE for the dynamic load request.</b>

	ACTION	<b>Retry. If the problem continues, call your Hewlett-Packard Representative.</b>
122	MESSAGE	Invalid PLABEL specified. (LDRERR 122)
	CAUSE	<b>The specified PLABEL is invalid.</b>
	ACTION	<b>Check the specified PLABEL.</b>
123	MESSAGE	Invalid FIRSTLIBRARY file name specified. (LDRERR 123)
	CAUSE	<b>The filename specified in the FIRSTLIBRARY parameter is invalid.</b>
	ACTION	<b>Check the FIRSTLIBRARY specification.</b>
124	MESSAGE	Invalid MYFILE file name specified. (LDRERR 124)
	CAUSE	<b>Internal error. The internally stored filename for the requested file is invalid.</b>
	ACTION	<b>Retry. If the problem persists, call your Hewlett-Packard Representative.</b>
125	MESSAGE	Invalid MYPROGRAM file name specified. (LDRERR 125)
	CAUSE	<b>Internal error. The internally maintained filename for the requested file is invalid.</b>
	ACTION	<b>Retry. If the problem continues, call your Hewlett-Packard Representative.</b>
128	MESSAGE	The file name cannot be represented using the desired syntax. (LDRERR 128)
	CAUSE	<b>MPE syntax is not appropriate to represent an HFS file. Not all MPE files (for example \$OLDPASS) can be represented by an HFS pathname.</b>
	ACTION	<b>Use the appropriate syntax to retrieve the name.</b>
200	MESSAGE	Parameter check error - mismatched data type in argument number !. Procedure = !, Files = !. (LDRERR 200)
	CAUSE	<b>The referenced procedure was bound, however</b>
	ACTION	<b>Check formal and actual parameters for the specified procedure.</b>
201	MESSAGE	Parameter check error - mismatched mode in argument number !. Procedure = !, Files = !. (LDRERR 201)
	CAUSE	<b>The referenced procedure was found; however, a difference in the mode of a parameter (i.e., value or reference) was detected.</b>

	ACTION	<b>Check the external declaration of the procedure.</b>
202	MESSAGE	Parameter check error - mismatched structure in argument number !. Procedure = !, Files = !. (LDRERR 202)
	CAUSE	<b>The referenced procedure was found; however, a difference in the structure (i.e, array or pointer) was detected.</b>
	ACTION	<b>Check the actual and formal parameters as well as the external declaration of the procedure.</b>
203	MESSAGE	Parameter check error - mismatched packing in argument number !. Procedure = !, Files = !. (LDRERR 203)
	CAUSE	<b>The referenced procedure was found; however, a difference in the packing between the formal and actual parameters was detected.</b>
	ACTION	<b>Check the formal and actual parameters.</b>
204	MESSAGE	Parameter check error - mismatched alignment in argument number !. Procedure = !, Files = !. (LDRERR 204)
	CAUSE	<b>The referenced procedure was found; however, a difference in the alignment between a formal and actual parameter was detected.</b>
	ACTION	<b>Check the formal and actual parameters.</b>
205	MESSAGE	Parameter check error - mismatched argument count. Procedure = !, Files = !. (LDRERR 205)
	CAUSE	<b>The referenced procedure was found; however, a difference in the number of parameters between the formal and actual parameters was detected.</b>
	ACTION	<b>Check the formal and actual parameters.</b>
206	MESSAGE	Symbol backward linkage was detected in program/library. (LDRERR 206)
	CAUSE	<b>A corrupted program/library was found. A backward link in the symbol unit was detected.</b>
	ACTION	<b>Try rebuilding the program/library file. If unsuccessful, call your Hewlett-Packard Representative.</b>
207	MESSAGE	Unable to find locality; specified address is not contained in the SOM. (LDRERR 207)
	CAUSE	<b>Unable to find a locality which contains the specified address in the specified SOM.</b>
	ACTION	<b>Check the specification of the SOM and the address.</b>
208	MESSAGE	Nonexisting SOM specified. (LDRERR 208)

	CAUSE	<b>The specified SOM was not found in the specified program/library.</b>
	ACTION	<b>Check the specification of the SOM and program/library file.</b>
209	MESSAGE	Unable to find the locality; the specified address is not in the SOM directory. (LDRERR 209)
	CAUSE	<b>Unable to find SOM which contains the specified address.</b>
	ACTION	<b>Check the specified program/library and the specified address.</b>
210	MESSAGE	Symbol name ! is too long. (LDRERR 210)
	CAUSE	<b>The specified symbol name is too long.</b>
	ACTION	<b>Reduce the length of the symbol name.</b>
211	MESSAGE	The symbol type of the program entry point is invalid. (LDRERR 211)
	CAUSE	<b>A symbol matching the entry point specified was found but was not a valid entry point type.</b>
	ACTION	<b>Check the entry point name specified.</b>
212	MESSAGE	Access rights are inconsistent with the usage of the subspace. (LDRERR 212)
	CAUSE	<b>The subspace type is inconsistent with its usage.</b>
	ACTION	<b>Try rebuilding the subspace and/or the program/library file.</b>
213	MESSAGE	Invalid symbol type encountered. (LDRERR 213)
	CAUSE	<b>An invalid symbol type was encountered.</b>
	ACTION	<b>Rebuild the corresponding program/library file. Also, check the declaration of the symbol.</b>
214	MESSAGE	The program file is not executable. (LDRERR 214)
	CAUSE	<b>The program file specified is not an executable file.</b>
	ACTION	<b>Check the specification of the program file. Rebuild the program file if necessary.</b>
215	MESSAGE	There is no MPE/iX auxiliary header for the program file. (LDRERR 215)
	CAUSE	<b>There is no MPE/iX auxiliary header in the program file.</b>
	ACTION	<b>Check the specification of the program file. Rebuild the program file if necessary.</b>
216	MESSAGE	Invalid file pointer specified. (LDRERR 216)

	CAUSE	<b>Invalid file pointer was specified.</b>
	ACTION	<b>Check the specification of the file pointer.</b>
217	MESSAGE	The specified file does not contain a valid identifier for the internal file format. (LDRERR 217)
	CAUSE	<b>The internal identification stamp of the file is invalid.</b>
	ACTION	<b>Rebuild the program/library file.</b>
218	MESSAGE	No entry point was found for the program specified. (LDRERR 218)
	CAUSE	<b>Can not find an entry point for the specified program file.</b>
	ACTION	<b>Rebuild the program file.</b>
300	MESSAGE	Failed to create the object for LOADER globals. (LDRERR 300)
	CAUSE	<b>Failed to create the system object for the LOADER globals.</b>
	ACTION	<b>Try rebooting the system. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
301	MESSAGE	Failed to create the system PLABEL TABLE. (LDRERR 301)
	CAUSE	<b>Unable to create the system PROCEDURE LABEL TABLE.</b>
	ACTION	<b>Reboot. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
302	MESSAGE	Failed to obtain an entry for the system PLABEL TABLE HEADER. (LDRERR 303)
	CAUSE	<b>Unable to allocate the header entry in the system PLABEL TABLE.</b>
	ACTION	<b>Reboot. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
303	MESSAGE	Failed to INIT the semaphore lock for the system PLABEL TABLE. (LDRERR 303)
	CAUSE	<b>Failed to initialize the semaphore for the system PROCEDURE LABEL TABLE.</b>
	ACTION	<b>Reboot. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
304	MESSAGE	The system XRT entry is off boundary. (LDRERR 304)
	CAUSE	<b>The specified address of the system XRT entry is out of bounds.</b>
	ACTION	<b>Check the address specified.</b>

305	MESSAGE	PLABEL unloaded! Unable to release entry from system PLABEL TABLE.
	CAUSE	<b>An attempt to release an entry from the system PLABEL TABLE failed.</b>
	ACTION	<b>Call your Hewlett-Packard Representative.</b>
350	MESSAGE	Failed to allocate an entry from the loaded file table. (LDRERR 350)
	CAUSE	<b>Unable to allocate an entry in the loaded file table.</b>
	ACTION	<b>Retry. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
351	MESSAGE	Failed to INIT the semaphore lock for the loading file. (LDRERR 351)
	CAUSE	<b>Failed to initialize the semaphore for the file entry in the loaded file table.</b>
	ACTION	<b>Retry. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
352	MESSAGE	The max number of SOMS in NL.PUB.SYS is inconsistent with that of the PME descriptor. (LDRERR 352)
	CAUSE	<b>The number of SOMs in the boot image does not match the number of SOMs in the system library.</b>
	ACTION	<b>Update. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
353	MESSAGE	FLABELINFO failed to find NL.PUB.SYS. (LDRERR 353)
	CAUSE	<b>The system library was not found.</b>
	ACTION	<b>Update. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
355	MESSAGE	NL.PUB has an invalid file code. (LDRERR 355)
	CAUSE	<b>The file code of the system library is invalid.</b>
	ACTION	<b>Update. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
356	MESSAGE	Failed to allocate an entry for NL.PUB.SYS from the loaded file table. (LDRERR 356)
	CAUSE	<b>Unable to allocate an entry in the loaded file table for the system library.</b>
	ACTION	<b>Reboot. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
357	MESSAGE	Failed to INIT the semaphore lock for

		NL.PUB.SYS. (LDRERR 357)
	CAUSE	<b>Failed to initialize the semaphore for the system libraries loaded file table entry.</b>
	ACTION	<b>Reboot. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
358	MESSAGE	Failed to retrieve an existing entry from the loaded file table. (LDRERR 358)
	CAUSE	<b>Failed to retrieve existing entry from the loaded file table.</b>
	ACTION	<b>Try running the program again. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
359	MESSAGE	Failed to create the object for the loaded file table. (LDRERR 359)
	CAUSE	<b>Unable to create the object for the loaded file table.</b>
	ACTION	<b>Reboot. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
360	MESSAGE	Failed to create the table for loaded file table. (LDRERR 360)
	CAUSE	<b>Unable to create the table for the loaded file table.</b>
	ACTION	<b>Reboot. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
400	MESSAGE	No more process XRT entries available. (LDRERR 400)
	CAUSE	<b>The process XRT is full.</b>
	ACTION	<b>Call your Hewlett-Packard Representative.</b>
401	MESSAGE	No more system XRT entries available. (LDRERR 401)
	CAUSE	<b>The system XRT is full.</b>
	ACTION	<b>Call your Hewlett-Packard Representative.</b>
402	MESSAGE	No external call exists for the given EXEC and XLEAST levels. (LDRERR 402)
	CAUSE	<b>The combination of call and execute privilege levels specified is not supported.</b>
	ACTION	<b>Change the call and execute levels to a supported combination.</b>
403	MESSAGE	Failed to create an object for the process XRT TABLE. (LDRERR 403)
	CAUSE	<b>Unable to create the XRT for the new process.</b>
	ACTION	<b>Retry. If this is unsuccessful, call your Hewlett-Packard</b>

		<b>Representative.</b>
404	MESSAGE	EXEC level of the code exceeds the maximum privilege level allowed in the file. (LDRERR 404)
	CAUSE	<b>The execution privilege level of the code is greater than what is allowed in the file.</b>
	ACTION	<b>Change the execution level of the code to a valid value.</b>
405	MESSAGE	PM capability is required for memory resident linking in loader. (LDRERR 405)
	CAUSE	<b>PM capability is required to load memory resident code.</b>
	ACTION	<b>Evaluate the code needs to be memory resident or not. If so, assign PM capability to the program and the group where the program resides.</b>
406	MESSAGE	No SOM auxiliary header exists for the given SOM. (LDRERR 406)
	CAUSE	<b>An auxiliary header was not found for the specified SOM.</b>
	ACTION	<b>Rebuild the program or library file.</b>
407	MESSAGE	Failed to FREEZE XRT entries in memory. (LDRERR 407)
	CAUSE	<b>Failed to FREEZE XRT entries corresponding to a memory resident procedure.</b>
	ACTION	<b>Retry. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
408	MESSAGE	Failed to FREEZE LP in memory. (LDRERR 408)
	CAUSE	<b>Failed to FREEZE the LINKAGE POINTER (LP) corresponding to a memory resident procedure.</b>
	ACTION	<b>Retry. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
409	MESSAGE	The exported symbol's symbol type is incorrect. (LDRERR 409)
	CAUSE	<b>An incorrect type of exported symbol was encountered.</b>
	ACTION	<b>Rebuild the program or library file.</b>
410	MESSAGE	The import symbol's symbol type is incorrect. (LDRERR 410)
	CAUSE	<b>An incorrect type of imported symbol was encountered.</b>
	ACTION	<b>Rebuild the program or library file.</b>
411	MESSAGE	The XRT offset in the symbol INFO is incorrect. (LDRERR 411)



	CAUSE	<b>Invalid XRT offset encountered in a symbol entry.</b>
	ACTION	<b>Rebuild the program or library file.</b>
450	MESSAGE	Failed to create an object to store the SOM's LP. (LDRERR 450)
	CAUSE	<b>Unable to create a process global data object.</b>
	ACTION	<b>Retry. If unsuccessful, call your Hewlett-Packard Representative.</b>
451	MESSAGE	Invalid LOADER fixup reference type encountered. (LDRERR 451)
	CAUSE	<b>Invalid type of loader fixup request was encountered.</b>
	ACTION	<b>Rebuild the program library file.</b>
452	MESSAGE	Invalid LOADER fixup space type encountered. (LDRERR 452)
	CAUSE	<b>Invalid loader fixup request encountered in the file."</b>
	ACTION	<b>Rebuild the program or library file.</b>
453	MESSAGE	Invalid LOADER fixup record encountered. (LDRERR 453)
	CAUSE	<b>Address of loader fixup request is invalid.</b>
	ACTION	<b>Rebuild the program or library file.</b>
454	MESSAGE	Loader can not load page with gateway access type. (LDRERR 454)
	CAUSE	<b>A page with gateway access type was encountered.</b>
	ACTION	<b>Rebuild the program or library file without the page with gateway access type.</b>
457	MESSAGE	Failed to FREEZE code in memory. (LDRERR 457)
	CAUSE	<b>Failed to FREEZE memory resident code in memory.</b>
	ACTION	<b>Retry. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
458	MESSAGE	PM capability is required to FREEZE code in memory. (LDRERR 458)
	CAUSE	<b>The program or group data does not have PM capability which is required to load memory resident code.</b>
	ACTION	<b>Obtain the correct capabilities to run the program.</b>
459	MESSAGE	Failed to CREATE an object for global data. (LDRERR 459)
	CAUSE	<b>Failed to CREATE an object for the precise global data.</b>
	ACTION	<b>Retry. If this is unsuccessful, call your Hewlett-Packard</b>

		<b>Representative.</b>
460	MESSAGE	LOADER does not load READ ONLY data. (LDRERR 460)
	CAUSE	<b>Invalid access rights of READ ONLY data encountered when loading process global data.</b>
	ACTION	<b>Rebuild the program or library file with the correct access rights.</b>
461	MESSAGE	A data alignment error occurred. (LDRERR 461)
	CAUSE	<b>The data is not aligned at the page boundary.</b>
	ACTION	<b>Retry. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
462	MESSAGE	Failed to FREEZE data in memory. (LDRERR 462)
	CAUSE	<b>Failed to FREEZE memory resident process global data into memory.</b>
	ACTION	<b>Retry. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
463	MESSAGE	PM capability is required to FREEZE data in memory. (LDRERR 463)
	CAUSE	<b>PRIVILEGE MODE capability is required to load memory resident data.</b>
	ACTION	<b>Obtain the proper capabilities.</b>
464	MESSAGE	Failed to alter access rights for data. (LDRERR 464)
	CAUSE	<b>Failed to load process global data for a single SOM with multiple access rights.</b>
	ACTION	<b>Retry. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
465	MESSAGE	PREFETCH failed on source data. (LDRERR 465)
	CAUSE	<b>Failed to PREFETCH the source address into memory.</b>
	ACTION	<b>Retry. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
466	MESSAGE	PREFETCH failed on destination data. (LDRERR 466)
	CAUSE	<b>Failed to PREFETCH the destination address into memory.</b>
	ACTION	<b>Retry. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
467	MESSAGE	Failed to load library !. (LDRERR 467)

	CAUSE	<b>Failed to load the specified NATIVE MODE library.</b>
	ACTION	<b>Run the program from the CI to obtain a more detailed message as to the cause of the library not being loaded.</b>
468	MESSAGE	EXEC level of entry point exceeds the maximum privilege level of the program. (LDRERR 468)
	CAUSE	<b>The program requires more capability than it is allowed.</b>
	ACTION	<b>Relink the program with the proper capabilities.</b>
469	MESSAGE	Failed to load program !. (LDRERR 469)
	CAUSE	<b>Failed to load the specified program.</b>
	ACTION	<b>Run the program from the CI to obtain a more detailed message.</b>
470	MESSAGE	A call to VSM LOAD CODE file returned an error. (LDRERR 470)
	CAUSE	<b>Failed to set up the appropriate code access rights for the file.</b>
	ACTION	<b>Retry. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
471	MESSAGE	Failed to CREATE a system domain. (LDRERR 471)
	CAUSE	<b>Failed to CREATE a domain when trying to load a system SOM.</b>
	ACTION	<b>Retry. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
472	MESSAGE	The number of XRT stated in the SOM AUX header is inconsistent with the number of imports in the SOM. (LDRERR 472)
	CAUSE	<b>Inconsistency between the number of XRTs specified in the SOM and the number of procedures referenced.</b>
	ACTION	<b>Rebuild the program or library file and retry.</b>
500	MESSAGE	CM LOADER failed. (LDRERR 500)
	CAUSE	<b>An error occurred while loading the COMPATIBILITY MODE program.</b>
	ACTION	<b>Run the program from the CI for a more detailed message.</b>
501	MESSAGE	The program name is too long. (LDRERR 501)
	CAUSE	<b>The program name specified is too long.</b>
	ACTION	<b>Correct the program name.</b>
502	MESSAGE	The entry name is too long. (LDRERR 502)
	CAUSE	<b>The name of the entry point specified is too long.</b>

	ACTION	<b>Retry with a valid entry point name.</b>
503	MESSAGE	Bad condition code was returned from CM LOADER. (LDRERR 503)
	CAUSE	<b>An invalid status was returned from the COMPATIBILITY MODE loader.</b>
	ACTION	<b>Retry. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
504	MESSAGE	A subsystem library binding error occurred (XL.PUB.SYS not followed by NL.PUB.SYS). (LDERR 504)
	CAUSE	<b>XL.PUB.SYS is not followed by NL.PUB.SYS in the specified library list.</b>
	ACTION	<b>Retry with a valid library list specification.</b>
505	MESSAGE	Program requires more capabilities than group is allowed. (LDRERR 505)
	CAUSE	<b>The group where the program resides has insufficient capabilities.</b>
	ACTION	<b>Obtain the correct capabilities.</b>
506	MESSAGE	XLLIST parm exceeds maximum length of 512 characters. (LDRERR 506)
	CAUSE	<b>The length of the library list specification is too long.</b>
	ACTION	<b>Retry with a valid library list specification.</b>
507	MESSAGE	Invalid LIB parameter specified. (LDRERR 507)
	CAUSE	<b>The value specified in the LIB parameter is invalid.</b>
	ACTION	<b>Correct the LIB specification.</b>
508	MESSAGE	A system library binding error occurred (NL.PUB.SYS must be the last library in XLLIST). (LDERR 508)
	CAUSE	<b>The library NL.PUB.SYS is not the last library in the library list.</b>
	ACTION	<b>Correct the library specification.</b>
509	MESSAGE	ALLOCATE program is not supported for NM programs. (LDRERR 509)
	CAUSE	<b>The ALLOCATE program is not valid for native mode programs.</b>
	ACTION	<b>Do not retry.</b>
510	MESSAGE	File contains an invalid file code for a program. (LDRERR 510)

	CAUSE	An invalid file code is associated with the file specified as the program.
	ACTION	Rebuild the program file.
511	MESSAGE	NM library name is too long. (LDRERR 511)
	CAUSE	A library name that is too long was encountered in the library specification.
	ACTION	Correct the library specification.
512	MESSAGE	Unresolved externals: ! (LDRERR 512)
	CAUSE	Unresolved external symbols were encountered while attempting to load the program and/or libraries.
	ACTION	See the following error message which will explain whether the unresolved externals are code or data symbols. Alter the binding sequence to contain the specified unresolved code (procedure) or data symbols.
513	MESSAGE	System SOM is not allowed to bind to non-system SOM. (LDRERR 513)
	CAUSE	External references of system SOMs must resolve to a system SOM.
	ACTION	Retry. If this is unsuccessful, call your Hewlett-Packard Representative.
514	MESSAGE	An empty file error occurred. (LDRERR 514)
	CAUSE	The program or library file specified has an EOF of zero.
	ACTION	Rebuild the program or library file.
515	MESSAGE	Program does not contain interactive (IA) capability. (LDRERR 515)
	CAUSE	The program does not contain IA capability and is being attempted to be executed interactively.
	ACTION	Request the system manager to grant you IA capability and then rerun the program.
516	MESSAGE	Program does not contain batch (BA) capability. (LDRERR 516)
	CAUSE	The program does not have enough capability to execute in a job.
	ACTION	Obtain the proper capability or only run the program interactively.
517	MESSAGE	Program file was not found. (LDRERR 517)
	CAUSE	The program specified was not found.
	ACTION	Retry with a valid program file.

518	MESSAGE	Unable to obtain user access rights to the program file from the file system.
	CAUSE	<b>Unable to obtain access rights for the specified program file.</b>
	ACTION	<b>Check the files specified.</b>
520	MESSAGE	"LIB=" is an invalid option for HFS programs. (FDERR 520)
	CAUSE	<b>"LIB=" is an invalid option for HFS programs.</b>
	ACTION	<b>Do not specify the option.</b>
521	MESSAGE	CM programs cannot be loaded from HFS. (LDERR 521)
	CAUSE	<b>CM programs are not supported in HFS.</b>
	ACTION	<b>Move the CM program to an MPE group.</b>
522	MESSAGE	Failed to locate the exported code symbol(s) for the imported code symbol(s) listed above. (LDRERR 522)
	CAUSE	<b>Unresolved code symbols were encountered while attempting to load the program and/or libraries.</b>
	ACTION	<b>Alter the binding sequence to contain the specified unresolved code symbols (procedures).</b>
600	MESSAGE	There is a duplicate file in the library list. (LDRERR 600)
	CAUSE	<b>The same file appeared twice in the binding sequence for the process.</b>
	ACTION	<b>Correct the binding sequence and retry.</b>
601	MESSAGE	Failed to get an entry from the PROCESS FILE LIST. (LDRERR 601)
	CAUSE	<b>Unable to allocate an entry in the process file list.</b>
	ACTION	<b>Retry. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
602	MESSAGE	File = !
		<b>The file being loaded is less privileged than the previous file in the binding sequence. (LDRERR 602)</b>
	CAUSE	<b>The file specified has less capability than the preceding file in the binding sequence.</b>
	ACTION	<b>Obtain the correct capability for the specified file.</b>
603	MESSAGE	Failed to CREATE the PROCESS FILE LIST TABLE. (LDRERR 603)
	CAUSE	<b>Failed to CREATE the process file list.</b>

	ACTION	<b>Retry. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
604	MESSAGE	LOADER internal error; invalid LOADER reference count. (LDRERR 604)
	CAUSE	<b>Internal error. Attempt to decrement the reference count when it is already zero.</b>
	ACTION	<b>Call your Hewlett-Packard Representative.</b>
605	MESSAGE	LOADER internal error; invalid file reference count. (LDRERR 605)
	CAUSE	<b>Internal error. Attempt to decrement the count for the number of SOMs loaded in a file when the count is already zero.</b>
	ACTION	<b>Call your Hewlett-Packard Representative.</b>
607	MESSAGE	LOADER internal error; tried to CLOSE an in use file. (LDRERR 607)
	CAUSE	<b>Internal error. Attempted to CLOSE a file which is still in use.</b>
	ACTION	<b>Call your Hewlett-Packard Representative.</b>
608	MESSAGE	Failed to RELEASE a process file extension record. (LDRERR 608)
	CAUSE	<b>An error occurred while releasing a process file list extension record.</b>
	ACTION	<b>Retry. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
609	MESSAGE	Failed to LOCK a loaded file entry. (LDRERR 609)
	CAUSE	<b>Unable to LOCK the loaded file table entry for the file being closed.</b>
	ACTION	<b>Call your Hewlett-Packard Representative.</b>
610	MESSAGE	Failed to delete a loaded file entry. (LDRERR 610)
	CAUSE	<b>An error occurred while releasing a loaded file table entry.</b>
	ACTION	<b>Call your Hewlett-Packard Representative.</b>
611	MESSAGE	The specified SOM is being used by LOADER. (LDRERR 611)
	CAUSE	<b>Unable to lock the SOM for the linker because it is in use by the loader.</b>
	ACTION	<b>Retry later.</b>
612	MESSAGE	The specified file is not in LOADER's LOADED

		FILE TABLE. (LDRERR 612)
	CAUSE	<b>The file requested by the linker to unlock a SOM is not loaded.</b>
	ACTION	<b>Retry. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
613	MESSAGE	The file was not mapped to offset 0 (user labels not allowed in programs). (LDRERR 613)
	CAUSE	<b>User labels were found in the program file.</b>
	ACTION	<b>Rebuild the file.</b>
614	MESSAGE	The max SOM limit in the file exceeds the maximum of 5000 allowed by LOADER. (LDRERR 614)
	CAUSE	<b>The library file specified has too large of the maximum number of SOMs.</b>
	ACTION	<b>Rebuild the file with fewer SOMs.</b>
616	MESSAGE	Failed to get an entry for a process file extension record. (LDRERR 616)
	CAUSE	<b>Failed to allocate an entry for the process file list extension.</b>
	ACTION	<b>Retry. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
617	MESSAGE	LOADER internal error; past end of binding sequence. (LDRERR 617)
	CAUSE	<b>Internal error. Attempt to read past the end of the process file list.</b>
	ACTION	<b>Retry. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
618	MESSAGE	Failed to release the PROCESS FILE LIST TABLE. (LDRERR 618)
	CAUSE	<b>An error occurred while releasing the PROCESS FILE LIST TABLE.</b>
	ACTION	<b>Retry. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
650	MESSAGE	NM UNLOADER failed. (LDRERR 650)
	CAUSE	<b>An error occurred while unloading the process.</b>
	ACTION	<b>Retry. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
651	MESSAGE	CM UNLOADER returned an error. (LDRERR 651)
	CAUSE	<b>An error occurred while unloading the COMPATIBILITY</b>



		<b>MODE process.</b>
	<b>ACTION</b>	<b>Retry. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
670	<b>MESSAGE</b>	Failed to get an entry from the UNSAT TABLE. (LDRERR 670)
	<b>CAUSE</b>	<b>An error occurred while attempting to allocate an entry in the unsatisfied table.</b>
	<b>ACTION</b>	<b>Retry. If this is unsuccessful, call your Hewlett-Packard Representative.</b>
671	<b>MESSAGE</b>	Invalid import symbol type encountered. (LDRERR 671)
	<b>CAUSE</b>	<b>The type of the import entry is invalid.</b>
	<b>ACTION</b>	<b>Rebuild the program or library file.</b>
672	<b>MESSAGE</b>	Invalid import symbol scope encountered. (LDRERR 672)
	<b>CAUSE</b>	<b>The scope of the import symbol is invalid.</b>
	<b>ACTION</b>	<b>Rebuild the program or library file.</b>
673	<b>MESSAGE</b>	Unable to find the UNSAT procedure. (LDRERR 673)
	<b>CAUSE</b>	<b>The procedure specified with the UNSAT parm can not be found.</b>
	<b>ACTION</b>	<b>Check to make sure the procedure specified is valid.</b>
674	<b>MESSAGE</b>	Unresolved dynamic loading procedure. (LDRERR 674)
	<b>CAUSE</b>	<b>The procedure requested to be dynamically loaded is unresolved and can not be bound to the UNSAT procedure.</b>
	<b>ACTION</b>	<b>Check to make sure the procedure which was requested to be dynamically loaded is valid.</b>
675	<b>MESSAGE</b>	Bind to UNSAT procedure failed. (LDRERR 675)
	<b>CAUSE</b>	<b>After attempting to bind all unresolved externals to the UNSAT procedure, unsatisfied externals were still found.</b>
	<b>ACTION</b>	<b>Make sure the UNSAT procedure is valid.</b>
676	<b>MESSAGE</b>	Failed to create the UNSAT TABLE. (LDRERR 676)
	<b>CAUSE</b>	<b>An error occurred while creating the UNSATISFIED EXTERNALS TABLE.</b>
	<b>ACTION</b>	<b>Retry. If this unsuccessful, call your Hewlett-Packard Representative.</b>

700	MESSAGE	Unresolvable conflicts in data symbol attributes (eg., size, access rights, memory residency, etc.) between duplicate data symbols for the name(s) listed above. (LDRERR 700)
	CAUSE	When considering a choice between duplicates, the LOADER selects the data export with the most stringent attributes, i.e., the largest size, the most restricted access rights, and the memory resident precedence. As an example, considered the case in which one of the duplicates is the larger and the other is memory resident. This situation leads to an unresolvable conflict.
	ACTION	Examine the data symbols listed for conflicting attributes.
701	MESSAGE	Symbol = ! File = ! First SOM = ! File = ! Second SOM = !  A data symbol cannot be exported by both a thread private SOM as well as a task global SOM. (LDRERR 701)
	CAUSE	The program and its libraries have a mixture of task global and thread private SOMS. A duplicate data export has been found in a thread private SOM and also in task global SOM. This condition is not resolvable by the LOADER.
	ACTION	Examine the SOMs listed and determine if both SOMs should be task global or thread private. SOMs can be examined by using the LINKEDIT command. Use the HP Link Editor Help facility to obtain help for the LINKEDIT command.
702	MESSAGE	Symbol = ! File = ! Export SOM = ! File = ! Import SOM = !  Task global SOMs cannot import data symbols from thread private SOMs.(LDRERR 702)
	CAUSE	The program and its libraries have a mixture of task global and thread private SOMS. A task global SOM is requesting to shared a data item with a thread private SOM which is not allowed.
	ACTION	Examine the SOMs listed and determine if both SOMs should be task global or thread private. SOMs can be examined by using the LINKEDIT command. Use the HP Link Editor Help facility to obtain help for the LINKEDIT command.

703	MESSAGE	Symbol = ! File = ! Export SOM = ! File = ! Import SOM = !  <b>Based on parmcheck rules the export data symbol fails to satisfy the import data symbol. (LDRERR 703)</b>
	CAUSE	<b>The referenced data symbol was found; however, a difference in type, mode, structure (i.e., array or pointer), packing, or alignment was detected.</b>
	ACTION	<b>The message gives the files and the SOMs in which the data symbol exists. Examine the declaration for the data symbol as specified in each SOM by using the LINKEDIT command. Use the HP Link Editor Help facility to obtain help for the LINKEDIT command.</b>
704	MESSAGE	Symbol = ! File = ! Export SOM = ! File = ! Import SOM = !  <b>Based on residence rules the export data symbol fails to satisfy the import data symbol. (LDRERR 704)</b>
	CAUSE	<b>The import SOM is requesting a memory resident data symbol but the data symbol in the exporting SOM is not memory resident.</b>
	ACTION	<b>The message gives the files and the SOMs in which the data symbol exists. Examine the residence specification for the data symbol as specified in each SOM.</b>
705	MESSAGE	Symbol = ! File = ! Export SOM = ! File = ! Import SOM = !  <b>Based on rules for access rights the export data symbol fails to satisfy the import data symbol. (LDRERR 705)</b>
	CAUSE	<b>The import SOM is requesting an access rights level for a data symbol which exceeds the access rights level of the data symbol in the export SOM.</b>
	ACTION	<b>The message gives the files and the SOMs in which the data symbol exists. Examine the access rights specification for the data symbol as specified in each SOM by using the LINKEDIT command. Use the HP Link Editor Help facility to obtain help for the LINKEDIT command.</b>

706	MESSAGE	<b>Failed to locate data exports for the data imports listed above. (LDRERR 706)</b>
	CAUSE	<b>Unresolved data symbols were encountered while attempting to load the program and/or libraries.</b>
	ACTION	<b>Alter the binding sequence to contain the specified unresolved data symbols.</b>
707	MESSAGE	Symbol = ! File = ! Export SOM = ! <b>Failed to allocate a global data area for the SOM containing the desired data symbol. (LDRERR 707)</b>
	CAUSE	<b>Unable to allocate a global data area for the SOM listed in the error message.</b>
	ACTION	<b>Retry. If unsuccessful, record the symbol name, the file name, and the SOM listed in the error message and call your Hewlett-Packard Representative.</b>
708	MESSAGE	<b>Failed to allocate the header for the Process Data Dictionary in the Process File List. (LDRERR 708)</b>
	CAUSE	<b>Unable to allocate the header for the Process Data Dictionary.</b>
	ACTION	<b>Retry. If unsuccessful, call your Hewlett-Packard Representative.</b>
709	MESSAGE	<b>Failed to create the Process Data Dictionary. (LDRERR 709)</b>
	CAUSE	<b>Unable to create the Process Data Dictionary.</b>
	ACTION	<b>Retry. If unsuccessful, call your Hewlett-Packard Representative.</b>
710	MESSAGE	<b>Failed to place the Process Data Dictionary under the Symbol Table Management. (LDRERR 710)</b>
	CAUSE	<b>Unable to put the Process Data Dictionary under Symbol Table Manager control.</b>
	ACTION	<b>Retry. If unsuccessful, call your Hewlett-Packard Representative.</b>
711	MESSAGE	Symbol = ! File = ! SOM = ! <b>The export data symbol has an invalid global data address. (LDRERR 711)</b>
	CAUSE	<b>A corrupted program/library file was found. An illegal global address was given to the data symbol.</b>

	ACTION	Try rebuilding the program/library file. If unsuccessful, record the symbol name, the file name, and the SOM listed in the error message and call your Hewlett-Packard Representative.
712	MESSAGE	Symbol = ! Existent file = ! Export SOM = ! New file = ! SOM = !  Duplicate data symbols cannot be replaced across different load points.(LDRERR 712)
	CAUSE	A data symbol was found while dynamically loading a library which requires a replacement of a previously bound duplicate. The LOADER cannot replace an already bound data symbol. The data symbol attributes from the SOM in the new file exceeds the data symbol attributes of the current data symbol.
	ACTION	The message gives the file and the SOM in which the current data symbol exists. Compare the data symbol declarations in both SOMs. The data symbol from the export SOM in the existent file must be the most stringent in all attributes (i.e ., largest size, memory residence, and most restricted access rights).
713	MESSAGE	Symbol = ! File = ! Export SOM = ! File = ! New SOM = !  A duplicate data symbol has been found but is not allowed. (LDRERR 713)
	CAUSE	The duplicate data symbol option hasn't been specified.
	ACTION	Check the LINKEDIT command for the proper handling of duplicate export data symbols. Use the HP Link Editor Help facility to obtain help for the LINKEDIT command.
714	MESSAGE	The number of dummy data symbols in the Process Data Dictionary are invalid. (LDRERR 714)
	CAUSE	An error occurred in counting the occurrences of unresolvable conflicts between duplicate data exports in regard to their attributes (i.e., size, access rights, memory residency, etc.).
	ACTION	Retry. If unsuccessful, call your Hewlett-Packard Representative.
715	MESSAGE	Failed to obtain a new entry for a data symbol through the

		Symbol Table Management. (LDRERR 715)
	CAUSE	Failure by the Symbol Table Manager to create a new entry.
	ACTION	Retry. If unsuccessful, call your Hewlett-Packard Representative.
716	MESSAGE	Failed to retrieve a data symbol from the Process Data Dictionary. (LDRERR 716)
	CAUSE	Failure by the Symbol Table Manager to retrieve an existent entry.
	ACTION	Retry. If unsuccessful, call your Hewlett-Packard Representative.
717	MESSAGE	Failed to delete a data symbol from the Process Data Dictionary. (LDRERR 717)
	CAUSE	Failure by the Symbol Table Manager to delete an entry.
	ACTION	Retry. If unsuccessful, call your Hewlett-Packard Representative.
718	MESSAGE	No Loader Process File List entry for the given PIN. (LDRERR 718)
	CAUSE	The native mode LOADER has no information for the specified PIN. The process may be a compatibility mode process. This situation was encountered because of a request to retrieve a data symbol location.
	ACTION	Check the specification of the PIN.
719	MESSAGE	File = ! SOM = !  The SOM is not a Shared Global SOM. (LDRERR 719)
	CAUSE	The native mode LOADER has detected a SOM that is marked as non-shared but was previously treated as Shared Global type. This is probably an internal LOADER bug.
	ACTION	Examine the SOM listed and determine if it should be of Shared Global Data type. SOMs can be examined by using the LINKEDIT command. Use the HP Link Editor Help facility to obtain help for the LINKEDIT command.
720	MESSAGE	Attempting to bind a function pointer imported by a data symbol causes unresolved code symbol(s) during a dynamic load of a data symbol. (LDRERR 720)
	CAUSE	Your request for a particular shared data symbol by using HPGETPROCPLABEL has resulted in the binding of function pointer declared as an imported data symbol. After attempting to bind all unresolved code symbols,

		unsatisfied externals were still found.
	ACTION	Check to make sure that all function pointers which are requested in the dynamic load are valid and will not lead to requests for code symbols which are not in the current process.
800	MESSAGE	Data symbol = !  Failed to locate the data symbol in the Process Data Dictionary. (LDRERR 800)
	CAUSE	The data symbol requested is not in the current process.
	ACTION	Check the symbol to determine if the correct symbol was requested. If not correct, then request with the correct symbol. Check to see if the CASESENSITIVE parameter of the HPGETPROCPLABEL intrinsic is correctly set.
801	MESSAGE	File = !  The file being loaded does not have a valid privilege value. (LDRERR 801)
	CAUSE	The file has been built with the incorrect capabilities because they have resulted in privilege level that fails the Loader privilege check.
	ACTION	Obtain the correct capability for the specified file.
802	MESSAGE	A new binding sequence requires symbol resolution through the program but there is no native mode program file entry in the Process File List. (LDRERR 802)
	CAUSE	HPGETPROCPLABEL intrinsic was called with the POSITION parameter set to PROG, but there is no native program at the beginning of the static binding sequence.
	ACTION	The POSITION parameter is used only for binding sequence which connects to the native mode program or the subsystem library. Check to see if the program is a CM program. If it is, you cannot use the POSITION parameter to connect the new binding sequence to the program.
803	MESSAGE	Procedure name = ! Search File = !  A pointer to the procedure in the specified file was requested but that procedure is not present. (LDRERR 803)
	CAUSE	The procedure requested to be dynamically loaded from a specified file can not be found.
	ACTION	Check to make sure the requested procedure is in the file specified.





## **2 Native Mode Spooler**

## (Subsystem 236)

0	MESSAGE	END OF FILE (FSERR 0)
1	MESSAGE	Error while purging a terminating spooler process' port during cleanup.
2	MESSAGE	The current state and the expected state of the spooling process do not match.
3	MESSAGE	A warning occurred during the cleanup of a spooling process.
50	MESSAGE	A warning occurred while getting information about a device.
51	MESSAGE	An error occurred during spooling of initially spooled devices.
100	MESSAGE	Spooling of initially spooled devices is complete.
101	MESSAGE	Set-up of Spooling Subsystem is complete.
501	MESSAGE	An unexpected escape from an external routine was encountered.
503	MESSAGE	Failed to lock the Spooler Process Information Table.
504	MESSAGE	Failed to unlock the Spooler Process Information Table.
505	MESSAGE	Failed attempt to retrieve information from a SPIT entry.
506	MESSAGE	Failed attempt to update the SPIT entry of a spooler process.
507	MESSAGE	Failed to delete SPIT entry during cleanup of terminating spooler process.
511	MESSAGE	Failed attempt to use HPERRMSG routines to log an error.
512	MESSAGE	Failed attempt to use GENMSG routine to display a spooler msg.
550	MESSAGE	Failed to create the HPSPool account in the system directory.
551	MESSAGE	Failed to create the OUT.HPSPool group in the system directory.
552	MESSAGE	Failed to create the IN.HPSPool group in the system directory.
553	MESSAGE	An unexpected escape was encountered during

startup of the spooling subsystem.

554 MESSAGE Unable to delimit a device name while initially spooling devices.

555 MESSAGE Unable to convert ldev to device name while initially spooling devices.

556 MESSAGE Unable to get information about a device while initially spooling devices.

557 MESSAGE Critical error during setup of spooling system. Cannot use spooling subsystem until the system is restarted.

600 MESSAGE Error encountered while sending a system shutdown message to the Spooler Monitor's port.

2001 MESSAGE A warning occurred while starting the Spooler Monitor process.

2006 MESSAGE The Spooler Monitor received a warning while starting a spooler process.

2007 MESSAGE The Spooler Monitor received an error while purging a port. This is a non-critical error.

2008 MESSAGE An escape to the RECOV block occurred after the spooler process was activated. This is a non-critical warn.

2051 MESSAGE The Spooling system has been shutdown.

2501 MESSAGE The Spooler Monitor received an unexpected escape during normal execution.

2502 MESSAGE The Spooler Monitor could not be created.

2504 MESSAGE Unable to create a spooler process for device \.

2505 MESSAGE Unable to create a port for the spooler process of device \.

2506 MESSAGE Unable to give port ownership to spooler process of device \.

2507 MESSAGE Unable to activate the spooler process created for device \.

2508 MESSAGE An error occurred while the Spooler Monitor was receiving a message on its port.

2509 MESSAGE The Spooler Monitor received an invalid message on its port.

2510 MESSAGE The Spooler Monitor was asked to create an invalid type of spooler process.

Native Mode Spooler  
(Subsystem 236)

2511	MESSAGE	The Spooler Monitor was unable to lock the SPIT table.
2512	MESSAGE	The Spooler Monitor was unable to unlock the SPIT table.
2513	MESSAGE	The Spooler Monitor received an error while retrieving information from the SPIT table.
2514	MESSAGE	The Spooler Monitor received an error while updating an entry in the SPIT table.
2515	MESSAGE	The Spooler Monitor received an error while deleting an entry from the SPIT table.
2520	MESSAGE	The Spooler Monitor received an error during initialization.
2521	MESSAGE	The Spooler Monitor received an error during shutdown of the spooling subsystem.
2522	MESSAGE	The Spooler Monitor returned from shutdown, an event that should never occur.
2526	MESSAGE	You cannot run the Spooler Monitor (SPOOLMOM) as a user program.
2523	MESSAGE	The Spooler Monitor has entered code that should never be executed in normal situations.
3501	MESSAGE	Unexpected error (escape) returned from other subsystems.
3502	MESSAGE	Cannot find the SPIT KSO number.
3503	MESSAGE	Cannot lock the SPIT.
3504	MESSAGE	Cannot unlock the SPIT.
3505	MESSAGE	Cannot allocate new entry in the SPIT.
3506	MESSAGE	Cannot find the entry with the given device name in SPIT.
3507	MESSAGE	Entry with the given device name already exists in SPIT.
3508	MESSAGE	The given keyword is missing from the SPIT get/put interface.
3509	MESSAGE	Keyvalue is not passed to the SPIT get/put interface.
3510	MESSAGE	The given keyword is not a valid keyword for the SPIT get/put interface.
3511	MESSAGE	SPIT get/put interface allows only 20 key pairs, the given key index somehow is out of

range.

3512 MESSAGE Cannot create object for building SPIT.

3513 MESSAGE Cannot create SPIT because of symbol table management error.

3514 MESSAGE Cannot delete the given entry from SPIT.

3515 MESSAGE The kind of process passed to SPIT interface is illegal, it must be either input or output.

3516 MESSAGE Cannot send an active spoolfile message due to some error condition.

3601 MESSAGE Cannot start a spooler process for an initially spooled device.

3602 MESSAGE Cannot create port for the spooler MOM process.

3603 MESSAGE Cannot initiate the spooler MOM process.

3604 MESSAGE Cannot initiate the spooling subsystem.

3605 MESSAGE Cannot create the spoolfile directory.

3606 MESSAGE Cannot create the HPSPPOOL accounting structure.

4513 MESSAGE Spooler internal error occurred, cannot update device information.

4593 MESSAGE Invalid 'DISP' specified, "SPSAVE" OR "PURGE".

4627 MESSAGE Device "\" must be a printer.

4628 MESSAGE Global queues or queues for device "\" must be open.

4629 MESSAGE Global queues or queues for a device in class "\" must be open.

4630 MESSAGE Device "\" must be spoolable for output.

4631 MESSAGE A device in class "\" must be spoolable for output.

4632 MESSAGE Device "\" must be spooled for output.

4633 MESSAGE A device in class "\" must be spooled for output.

4658 MESSAGE SPSAVED spoolfile "!" cannot be deferred.

4793 MESSAGE A spoolid wildcard of the form @, I@, OR O@ was expected.

4900 MESSAGE ! warnings occurred.

Native Mode Spooler  
(Subsystem 236)

5000	MESSAGE	No spoolfiles available for this spooler to process.
5001	MESSAGE	Attempted to remove an output spoolfile from a queue when it's not on one.
5003	MESSAGE	During recovery of a file still being CREATED when the system was interrupted, could not recover all data out to the file's limit.
5004	MESSAGE	The creator of the spoolfile did not have access to the target device during a "RAW CREATE". The spoolfile was created, but it was put in the DEFER state.
5005	MESSAGE	The system has finished rebuilding the output spoolfile directory.
	CAUSE	<b>At boot time, the system is allowed to come completely up while the output spool file directory continues to be rebuilt. This message indicates that that process has finished.</b>
	ACTION	<b>None. Informational message.</b>
5250	MESSAGE	Attempted to retrieve an invalid/non-existent spoolfile attribute.
5251	MESSAGE	Attempted to SET an invalid/non-existent spoolfile attribute.
5252	MESSAGE	Internal error sequentially reading spoolfile directory entries. Possible spoolfile directory corruption.
5253	MESSAGE	Cannot specify both spoolfile id and UFID as file selectors.
5254	MESSAGE	Must specify either a spoolfile id or a UFID as a file selector.
5255	MESSAGE	The GETINFO intrinsic reported an error to the process rebuilding the output spoolfile directory.
	CAUSE	<b>Progen passes information to the process that rebuilds the output spool file directory. That process retrieves it with the GETINFO intrinsic, but the intrinsic call failed.</b>
	ACTION	<b>To recover existing spool files, STORE (;PURGE) them to tape and RESTORE them. Or SPOOLF @.OUT.HPSPOOL;PRINT them (then delete the original files). Files which were incomplete when the system was taken down may not print correctly.</b>
5256	MESSAGE	Cannot find a spoolfile directory entry which is expected to exist.

5257	MESSAGE	Must specify either the input or output spoolfile directory.
5258	MESSAGE	Cannot specify both the input and output spoolfile directories.
5259	MESSAGE	Cannot lock the GUFD spoolfile management resource while the SPFDIR resource is locked, may cause a deadlock.
5260	MESSAGE	Failure occurred re-inserting an SPFDIR entry whose search key(s) have been altered. May indicate SPFDIR/disc space shortage or corruption.
5261	MESSAGE	Could not add an SPFDIR entry, the directory is full.
5262	MESSAGE	Failure attempting to gain exclusive access to a spoolfile's label and label extensions.
5265	MESSAGE	Could not find a spoolfile directory entry for the given UFID and directory (input or output SPFDIR).
5266	MESSAGE	Failure attempting to lock either the input or the output spoolfile directory.
5267	MESSAGE	Failure attempting to unlock either the input or the output spoolfile directory.
5268	MESSAGE	Unable to obtain the starting address of a spoolfile directory.
5271	MESSAGE	The spoolfile management architected interface routines encountered an unexpected state.
5274	MESSAGE	Could not gain exclusive access to a spoolfile's label and label extensions.
5275	MESSAGE	Could not release a spoolfile's label from exclusive access.
5276	MESSAGE	JOB/SESSION tried to delete a STDIN spoolfile not in the READY state.
5277	MESSAGE	Deletion of a spoolfile directory entry, specified by its search key, failed.
5278	MESSAGE	Tried to delete a STDIN spoolfile using :SPOOLF ;DELETE. Such files can only be deleted with the ABORTJOB command on the file's associated job.
5279	MESSAGE	Duplicate SPFDIR entry, its primary and secondary key values match those of an existing SPFDIR entry.

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5280	MESSAGE	No spoolfile exists with the given name or UFID.
5281	MESSAGE	FCLOSE of spoolfile failed.
5282	MESSAGE	Internal error mapping from spoolfile directory entry handle to its address.
5283	MESSAGE	Unmatched ITEM NUMBER or ITEM in call to Spoolfile Management architected interface.
5284	MESSAGE	Spoolfile Management encountered an unexpected escape or trap.
5285	MESSAGE	Could not create a virtual object to hold the input spoolfile directory.
5286	MESSAGE	Could not create a virtual object to hold the output spoolfile directory.
5287	MESSAGE	Could not create input spoolfile directory symbol table.
5288	MESSAGE	Could not create output spoolfile directory symbol table.
5289	MESSAGE	Could not create a virtual object to hold output spoolfile queue entries.
5290	MESSAGE	Could not create output spoolfile queue head symbol table.
5291	MESSAGE	Could not re-open a spoolfile already opened by the current process.
5292	MESSAGE	Could not gain access to the label of a file already opened by the current process.
5293	MESSAGE	FCLOSE of a spoolfile failed.
5294	MESSAGE	Read or write of a spoolfile's label extension failed.
5295	MESSAGE	Spoolfile does not exist on any of the volumes currently mounted.
5296	MESSAGE	Low-level open of spoolfile failed due to file descriptor allocation limitations.
5297	MESSAGE	System error performing low-level open of spoolfile.
5298	MESSAGE	The spoolfile was still in the CREATE state when the system was interrupted. It could not be recovered, and has been deleted.
5299	MESSAGE	Infinite loop corruption detected in output spoolfile directory. Reboot your system to rebuild the directory. If the problem recurs,



CONTACT YOUR SE.

5300 MESSAGE Unknown error performing low-level open of spoolfile.

5302 MESSAGE Output spoolfile has invalid state.

5303 MESSAGE Attempt to add a new output spoolfile queue head entry failed due to existence of a queue head for the same output device or class.

5304 MESSAGE Output spoolfile queue head table overflow. CONTACT YOUR SE.

5305 MESSAGE Output spoolfile queue corruption detected. Invalid link to a queue's first entry. CONTACT YOUR SE.

5306 MESSAGE Output spoolfile queue corruption detected. Invalid forward link. CONTACT YOUR SE.

5307 MESSAGE Output spoolfile queue corruption detected. Invalid backward link. CONTACT YOUR SE.

5309 MESSAGE Unexpected escape encountered inserting an output spoolfile into a spoolfile queue.

5310 MESSAGE Could not find the device or class queue head entry matching the target device or class of an output spoolfile.

5312 MESSAGE Could not remove a spoolfile from the spooling queues.

5313 MESSAGE Could not retrieve the address of a workarea created for spooling subsystem command execution.

5315 MESSAGE Could not create a spooling command/AIF work area.

5316 MESSAGE Could not expand a spooling command/AIF work area.

5317 MESSAGE Could not deallocate a spooling command/AIF work area.

5318 MESSAGE Directory error while preparing to retrieve file system directory information for a set of spoolfiles.

5319 MESSAGE Directory error while retrieving file system directory information for a set of spoolfiles.

5320 MESSAGE Unknown/invalid spooler process type.

5321 MESSAGE Encountered transaction management error while updating creator of an output spoolfile

in its label and label extension.

5322 MESSAGE Encountered error writing changes to an output spoolfile's file label extension when changing its creator.

5323 MESSAGE When changing creator of an output spoolfile in its label and label extension, the changes to these structures were aborted because a user transaction under which these system transactions occurred was aborted.

5340 MESSAGE SPOOLF ;PRINT encountered an error reading source file.

5341 MESSAGE SPOOLF ;PRINT encountered an error writing to target file.

5342 MESSAGE You cannot SPOOLF ;PRINT a Private output spoolfile.

5343 MESSAGE You cannot SPOOLF ;SPSAVE a Private output spoolfile.

5344 MESSAGE You cannot SPOOLF ;DEFER a spoolfile in the PROBLEM state unless you also ALTER it to a valid target device/class.

5345 MESSAGE You cannot SPOOLF ;DEFER an output spoolfile which has already been printed and has moved to the 'SPSAVE' state.

5346 MESSAGE You cannot alter the output priority of a spoolfile in the SPSAVE state.

5347 MESSAGE You cannot alter the number of copies of a spoolfile which is either Private or in the SPSAVE state.

5348 MESSAGE You cannot alter the target device/class of a spoolfile in the SPSAVE state.

5349 MESSAGE SPOOLF ;ALTER or SPOOLF ;DELETE of more than one spoolfile is disabled until the output spoolfile directory has been rebuilt following a system startup.

CAUSE **You entered SPOOLF [O]@; ALTER or DELETE while the output spoolfile directory was still being rebuilt. This is not allowed because the command could miss some files which had not yet been inserted into the directory.**

ACTION **This situation only occurs for a few minutes following system startups. Try your command again a few minutes later.**

5350 MESSAGE The specified or defaulted target

device/class does not exist, is not output spoolable, or does not have its spooling queues open.

5351 MESSAGE Unable to obtain file information, the FFILEINFO intrinsic failed.

5352 MESSAGE The specified file is not a spoolfile.

5353 MESSAGE You tried to SPOOLF ;PRINT an empty file.

5354 MESSAGE SPOOLF ;PRINT aborted by BREAK.

5355 MESSAGE Could not change the STDLIST device in JOB/SESSION tables.

5356 MESSAGE File does not exist or could not be created.

5357 MESSAGE SPOOLF ;PRINT -- valid range of copies is 1 to 65535.

5358 MESSAGE SPOOLF ;PRINT -- valid range of priorities is 0 to 14.

5359 MESSAGE Cannot open the file for exclusive access because it is already open.

5360 MESSAGE The specified lockword does not match the lockword on the file.

5361 MESSAGE You cannot UNDEFER a spoolfile in the PROBLM state.

5362 MESSAGE You cannot UNDEFER a spoolfile in the SPSAVE state.

5367 MESSAGE You cannot alter the attributes of an input spoolfile.

5368 MESSAGE You cannot delete an ACTIVE ":DATA" input spoolfile, that is, one currently being submitted via the STREAM command.

5369 MESSAGE You cannot delete an output spoolfile which is in the CREATE state.

5370 MESSAGE You cannot delete an input spoolfile which is in the OPEN state.

5373 MESSAGE Only output spoolfiles can be SPOOLF ;PRINT'ed.

5374 MESSAGE You cannot SPOOLF :PRINT an input spoolfile.

5375 MESSAGE The source file for a SPOOLF :PRINT has no target device or class to use as a default, therefore you must specify one with the command.

5376 MESSAGE The defaulted target device (taken from the

source spoolfile of a SPOOLF :PRINT command) is not a valid output spooled device.

5377 MESSAGE Could not open the source file for a SPOOLF :PRINT command.

5378 MESSAGE Could not open the target file for a SPOOLF :PRINT command.

5379 MESSAGE The first character of a file lockword must be a letter.

5380 MESSAGE Too many characters were specified for the file lockword.

5381 MESSAGE The file lockword contains a non-alphanumeric character.

5382 MESSAGE Altering the target device of a Private spoolfile requires SM capability.

5383 MESSAGE Could not change the target device of an open STDLIST.

5384 MESSAGE Error encountered checking the target device

5385 MESSAGE Creator of spoolfile does not have access to the target device.

5386 MESSAGE If there is not an ACD on the target device, the accessor must have ND (non-sharable device) capability.

5387 MESSAGE An internal call to JSINFO failed.

5388 MESSAGE The creator of the spoolfile does not have access to the target device on a SPOOLF;DEV= or SPOOLF;UNDEFER. This error is used when a "Spoolid" insert is desired at the SP\_AI level.

5389 MESSAGE The user does not have access to the device specified in the label extension of the spoolfile. This error is used when a "file name" insert is desired at the SP\_AI level.

5390 MESSAGE The device specified in the label extension of the spoolfile does not have an ACD and the user does not have ND capability. This error is used when a "file name" insert is desired at the SP\_AI level.

7500 MESSAGE An invalid DEV keyvalue was specified in the selection equation.

7501 MESSAGE Only = and <> are allowed as relational operators for the DEV selection equation keyword.

7502 MESSAGE An invalid PAGES keyvalue was specified in the selection equation.

7503 MESSAGE The COPIES keyvalue must be in the range of 1 to 65,535.

7504 MESSAGE The PRI keyvalue must be in the range of 0 to 14.

7505 MESSAGE An invalid FILEDES keyvalue was specified in the selection equation.

7506 MESSAGE Only '=' and '<>' are allowed as relational operators for the FILEDES selection equation keyword.

7507 MESSAGE Only '=' and '<>' are allowed as relational operators for the JOBNUM selection equation keyword.

7508 MESSAGE An invalid DATE keyvalue was specified in the selection equation.

7509 MESSAGE In the DATE keyvalue of the selection equation, the month must be in the range of 1 to 12.

7510 MESSAGE An invalid year was specified in the DATE keyvalue of the selection equation.

7511 MESSAGE An invalid JOBNUM keyvalue was specified in the selection equation.

7512 MESSAGE An invalid JOBNAME keyvalue was specified in the selection equation.

7513 MESSAGE An invalid FORMID keyvalue was specified in the selection equation.

7514 MESSAGE You must specify an account to use this command.

7515 MESSAGE A valid user name consists of a letter followed by alphanumeric characters.

7516 MESSAGE A valid account name consists of a letter followed by alphanumeric characters.

7517 MESSAGE The user name must contain eight or less characters.

7518 MESSAGE The account name must contain eight or less characters.

7519 MESSAGE The RECORDS keyvalue must be a positive integer.

7520 MESSAGE Only '=' and '<>' are allowed as relational operators for the OWNER selection equation

keyword.

7521           MESSAGE       Internal error while evaluating selection equation, there was no result to return. If this error persists, contact your SE.

7522           MESSAGE       The DEV keyvalue must contain eight or less characters.

7524           MESSAGE       Valid STATE keyvalues are READY, ACTIVE, OPEN, CREATE, PRINT, PROBLM, DELPND, SPSAVE, DEFER.

7525           MESSAGE       Only = and <> are allowed as relational operators for the STATE selection equation keyword.

7526           MESSAGE       The SPOOLID keyvalue must contain seven or fewer digits, not including the optional #0 or #1.

7527           MESSAGE       The FILEDES keyvalue is too long.

7528           MESSAGE       The JOBNUM keyvalue must be in the range of 1 to 16383.

7529           MESSAGE       The JOBNAME keyvalue must contain eight or less characters.

7530           MESSAGE       The FORMID keyvalue must contain eight or less characters.

7531           MESSAGE       Only = and <> are allowed as relational operators for the JOBNAME selection equation keyword.

7532           MESSAGE       Only = and <> are allowed as relational operators for the FORMID selection equation keyword.

7533           MESSAGE       The SPOOLID keyvalue must be in the range of 1 to 9999999.

7534           MESSAGE       The SPOOLID keyvalue must be numeric.

7535           MESSAGE       Only = and <> are allowed as relational operators for the SPOOLID selection equation keyword.

7536           MESSAGE       The only valid DISP keyvalues are SPSAVE and PURGE.

7537           MESSAGE       Only = and <> are allowed as relational operators for the DISP selection equation keyword.

7538           MESSAGE       If the "." is specified in user.acct, acct must also be specified.

7539 MESSAGE An internal error occurred while validating selection equation semantics. If the error persists, contact your SE.

7540 MESSAGE Expected either an 'I' or 'O' after the "#".

7541 MESSAGE In the DATE keyvalue of the selection equation, the day of the month must be in the range of 1 to maximum date in month.

7542 MESSAGE The only valid JOBABORT keyvalues are TRUE and FALSE.

7543 MESSAGE Only = and <> are allowed as relational operators for the JOBABORT selection equation keyword.

8000 MESSAGE A stop or shut spooler message was received by the input spooling process.

8001 MESSAGE A BREAK or cntl-Y key was entered by the user during the STREAM command.

8002 MESSAGE An EOF was received while reading from the source file being input spooled.

8003 MESSAGE A record exceeding the maximum record size of 279 characters was read from the source file being input spooled.

8004 MESSAGE The expanded :JOB or :DATA record exceeded the maximum record size of 279 characters.

8005 MESSAGE The continuation rec for the job/data cmnd did not begin with the pseudo colon.

8006 MESSAGE The :JOB or :DATA record failed to logon successfully.

8007 MESSAGE The processing of the :JOB/:DATA record was interrupted before it could logon.

8008 MESSAGE The setting of the spoolfile ID for the JOB's STDIN failed. The job will be flushed.

8009 MESSAGE The scheduling of the JOB failed. The job will be flushed.

8010 MESSAGE The scheduling of the future JOB failed. The job will be flushed.

8011 MESSAGE An error occurred while printing the JOB number/DATA spoolfile ID.

8050 MESSAGE Input spooler, LDEV #\: The spooler did not find a valid :JOB or :DATA command on the current tape volume.

8051 MESSAGE Input spooler, LDEV #\: Device has reported a

power failure or other interruption while input spooling.

8052           MESSAGE       Input spooler, LDEV #\: The spooler detected a non-fatal condition while performing an internal calculation. Please report the warning number to your support engineer. The spooler will continue.

8053           MESSAGE       Input spooler, LDEV #\: The File System reported a warning while acquiring the spooled device. The spooler will continue.

8054           MESSAGE       Input spooler, LDEV #\: The Device Allocation subsystem reported a warning while the spooler was retrieving device configuration information. The spooler will continue.

8055           MESSAGE       Input spooler, LDEV #\: The Device Allocation subsystem reported a warning while the spooler was updating device configuration information. The spooler will continue.

8056           MESSAGE       Input spooler, LDEV #\: A warning occurred while converting the LDEV number to a device name.

8100           MESSAGE       Input spooler, LDEV #\: Started.

8101           MESSAGE       Input spooler, LDEV #\: Stopped.

8102           MESSAGE       Input spooler, LDEV #\: Please mount the first tape volume to be input spooled.

8103           MESSAGE       Input spooler, LDEV #\: Please mount the next tape volume to be input spooled.

8500           MESSAGE       Input spooling code received an unexpected escape during normal execution.

8501           MESSAGE       You cannot run the input spooler as a user program.

8502           MESSAGE       Encountered error while using HPFOPEN to open the source file.

8503           MESSAGE       The input spooling code received an I/O error while reading from the source file being input spooled.

8504           MESSAGE       HPFOPEN to open a new input spoolfile failed.

8505           MESSAGE       FCLOSE to close a new input spoolfile failed.

8506           MESSAGE       The record read from the source file has more than 279 characters.

8507           MESSAGE       I/O error during FWRITE to input spoolfile.



8508 MESSAGE Attempt to deallocate the JMAT entry of a JOB failed.

8509 MESSAGE An undefined state was encountered during the input spooling process.

8510 MESSAGE An undefined record kind was received from the source file.

8511 MESSAGE The source file to be input spooled is not an ASCII data file.

8512 MESSAGE The call to SP\_FM\_SET reported an error while updating the SPFDIR entry for the input spoolfile.

8513 MESSAGE The FFILEINFO intrinsic reported an error while retrieving information about the input spoolfile.

8514 MESSAGE The GETINFO intrinsic reported an error while retrieving information about the spooled device.

8515 MESSAGE The conversion of the source file ldev to device name failed.

8516 MESSAGE An error occurred while retrieving information about the source device.

8517 MESSAGE An error occurred while delimiting the source device's LDEV name.

8518 MESSAGE An error occurred while writing a log record to the system log file for the new input spoolfile.

8519 MESSAGE An error occurred while locking the spoolfile's GUFID.

8520 MESSAGE An error occurred while locking the input SPFDIR.

8521 MESSAGE An error occurred while looking for the spoolfile's entry in the SPFDIR.

8522 MESSAGE An error occurred while updating the owner and creator names in the spoolfile's file label and FLABX.

8523 MESSAGE An error occurred while unlocking the input SPFDIR.

8524 MESSAGE An error occurred while unlocking the input spoolfile's GUFID.

8550 MESSAGE Input spooler, LDEV #\: The spooler detected a fatal condition while performing an

internal calculation. Please report the spooling subsystem error to your support engineer.

8551           MESSAGE     Input spooler, Device Name !: Cannot retrieve LDEV# or other configuration info.

8552           MESSAGE     Input spooler, LDEV #: Cannot update device configuration tables.

8553           MESSAGE     Input spooler, LDEV #: Cannot open physical device.

8554           MESSAGE     Input spooler, LDEV #: HPFOPEN of a new input spoolfile failed.

8555           MESSAGE     Input spooler, LDEV #: FCLOSE of a new input spoolfile failed.

8556           MESSAGE     Input spooler, LDEV #: I/O error during FWRITE to input spoolfile.

8557           MESSAGE     Input spooler, LDEV #: Cannot update the input spoolfile's entry in the Spoolfile Directory.

8558           MESSAGE     An error occurred when receiving message from the spooler port.

8559           MESSAGE     Input spooler, LDEV #: An invalid msg type was received by the input spooling process.

8560           MESSAGE     Input spooler, LDEV #: The input spooled device no longer accepts :JOB or :DATA. Spooling will be stopped.

8561           MESSAGE     Input spooler, LDEV #: Failed to rewind and unload current tape volume. Must be done manually. Spooling will be stopped.

8562           MESSAGE     Input spooler, LDEV #: Spooler internal error, RECOVER invoked, spooler terminating.

8563           MESSAGE     Input spooler, LDEV #: A fatal error was encountered by the input spooling process. Spooling will be stopped.

8564           MESSAGE     Input spooler, LDEV #: A fatal error was encountered while converting the LDEV number to a device name. Spooling will be stopped.

9001           MESSAGE     Output spooler, LDEV #: Started.

9002           MESSAGE     Output Spooler, LDEV #: Stopped.

9003           MESSAGE     Output spooler, LDEV #: Suspended.

9004           MESSAGE     Output spooler, LDEV #: Resumed.

9005           MESSAGE        Output spooler, LDEV #: File released successfully.

9006           MESSAGE        Output spooler, LDEV #: Spoolfile EOF detected. NOTE: This message is never displayed.

9007           MESSAGE        Output spooler, LDEV #: The File System reported a warning while acquiring the spooled device. The spooler will continue.

9008           MESSAGE        Output spooler, LDEV #: The spooler detected a non-fatal condition while initializing its device. The spooler will continue.

9010           MESSAGE        Output spooler, LDEV #: The Directory subsystem reported a warning while trying to create the checkpoint file group. The spooler will continue.

9011           MESSAGE        Output spooler, LDEV #: The Device Allocation subsystem reported a warning while the spooler was retrieving device configuration information. The spooler will continue.

9012           MESSAGE        Output spooler, LDEV #: The Device Allocation subsystem reported a warning while the spooler was updating device configuration information. The spooler will continue.

9013           MESSAGE        Output spooler, LDEV #: The spooler detected a non-fatal condition while trying to ;RELEASE a file. The file is released and the spooler will continue.

9014           MESSAGE        Output spooler, LDEV #: The spooler detected a non-fatal condition while determining its next task. The spooler will continue.

9015           MESSAGE        Output spooler, LDEV #: The spooler detected a non-fatal condition while performing an internal calculation. Please report the warning number to your support engineer. The spooler will continue.

9016           MESSAGE        Output spooler, LDEV #/: The spooler detected a non-fatal condition while retrieving information from the Spooling Process Information Table (SPIT). The spooler will continue.

9017           MESSAGE        Output spooler, LDEV #: The spooler detected a non-fatal condition while updating the Spooling Process Information Table (SPIT). The spooler will continue.

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9018 MESSAGE Output spooler, LDEV #: The spooler was unable to save the page number to resume at. It will continue to use the previous value of this page.

9019 MESSAGE Output spooler, LDEV #: The restart page specified is before the beginning of the spoolfile. The spooler will restart at the beginning.

9020 MESSAGE Output spooler, LDEV #: There is no file to output at this time. (NOTE: This message is never displayed.)

9021 MESSAGE Output spooler, LDEV #: Received a command while outputting a file.

CAUSE **An operator command, such as SPOOLER <ldev>;STOP was received by the spooler process for <ldev> while the process was printing user data.**

ACTION **No action is required. The message is to reassure the operator that the spooler got the command, because the printer may continue to print for some time afterward due to the large amount of buffered data in the file system path.**

9022 MESSAGE Output spooler, LDEV #: The device has reported a power failure or other interruption while outputting SPOOLID #0!. The spooler will attempt recovery.

CAUSE **The spooled device lost power while printing user data, causing it to lose track of where it was printing on the page. When power is restored, the the device reports the power loss to the spooler.**

ACTION **No user action is required. The spooler will try to recover to the beginning of the page which was partially printed at the time the device lost power.**

9023 MESSAGE Output spooler, LDEV #: Device status is available. (NOTE: This message is never displayed.)

9024 MESSAGE Output spooler, LDEV #: "Actual device status" cannot be requested in this context. "Buffered status" will be used.

9025 MESSAGE Output spooler, LDEV #: The device was still in silent-run mode when the spooler detected the end of SPOOLID #0!.

CAUSE **Silent-run is a recovery mechanism in which the device interprets, but does not print, data until it reaches the**

page at which printing should resume. If the spooler detects the end of the spoolfile first, it defers the file.

	ACTION	Enter SPOOLF <spoolid>;UNDEFER to print the file from the beginning. Once the file is printing, use SPOOLER ...;SUSPEND and ;RESUME with OFFSET= if you want to print from a different location.
9026	MESSAGE	Output spooler, LDEV #: The device reported a ribbon malfunction. The spooler will suspend. Enter a command to resume operation or to stop.
9027	MESSAGE	Output spooler, LDEV #: A request to mount special forms for SPOOLID #0! was refused by the device attender.
	CAUSE	<b>During the forms message dialog, the operator REPLYed N to the question: SP#&lt;pin&gt;/IS #&lt;spoolid&gt;; &lt;filename&gt; ON LDEV#&lt;ldev&gt; (Y/N)?</b>
	ACTION	<b>If the file should be printed on another device, enter SPOOLF &lt;spoolid&gt;; DEV= &lt;new device&gt;;UNDEFER. If it should be printed on this device but at a later time, enter SPOOLF &lt;spoolid&gt;; UNDEFER at that time.</b>
9028	MESSAGE	Output spooler, LDEV #: The restart page specified is greater than 2^32-1, the maximum value allowed. The spooler will use the maximum value.
9029	MESSAGE	Output spooler, LDEV #: Device has reported a power failure or other interruption while outputting the header for SPOOLID #0!. The spooler will reprint the header.
	CAUSE	<b>The spooled device lost power while printing the header, causing it to lose track of where it was printing on the page. When power is restored, the device reports the power loss to the spooler.</b>
	ACTION	<b>No user action is required. The spooler automatically reprints the header.</b>
9030	MESSAGE	Output spooler, LDEV #: Device has reported a power failure or other interruption while outputting the trailer for SPOOLID #0!. The spooler will reprint the trailer.
	CAUSE	<b>The spooled device lost power while printing the trailer, causing it to lose track of where it was printing on the page. When power is restored, the device reports the power loss to the spooler.</b>
	ACTION	<b>No user action is required. The spooler automatically</b>

reprints the trailer.

9031	MESSAGE	Output spooler, LDEV #: Device has reported a power failure or other interruption while outputting the error trailer for SPOOLID #0!. The spooler will reprint the error trailer.
	CAUSE	<b>The spooled device lost power while printing the error trailer, causing it to lose track of where it was printing on the page. When power is restored, the device reports the power loss to the spooler.</b>
	ACTION	<b>No user action is required. The spooler automatically reprints the error trailer.</b>
9032	MESSAGE	Output spooler, LDEV # \ Unable to connect to printer socket after waiting ! seconds, the maximum configured for this printer. The spooler will continue trying to connect to the printer.
9033	MESSAGE	Output spooler, LDEV #\: The file name in the following message has been truncated to ! characters, the maximum length allowed in the message.
9034	MESSAGE	Output spooler, LDEV #\: FLABELINFO reported the following, file system error while accessing NPCONFIG setup file !.
9035	MESSAGE	Output spooler, LDEV #\: Expected fixed, variable, undefined, or bytestream records for NPCONFIG setup file !.
9036	MESSAGE	Output spooler, LDEV #\: HPFOPEN error while opening NPCONFIG setup file !.
9037	MESSAGE	Output spooler, LDEV #\: File system error while FREADING NPCONFIG setup file !.
9038	MESSAGE	Output spooler, LDEV #\: Device does not support page level recovery. Any interrupted document will be entirely reprinted.
9039	MESSAGE	Output spooler, LDEV #\: Socket tracing for spoolfile !, copy ! enabled to file !
9040	MESSAGE	Output spooler, LDEV #\: Socket and transport tracing for spoolfile !, copy ! enabled to file !
9041	MESSAGE	Output spooler, LDEV #\: Check NPCONFIG. The valid range of item "!" is ! to !. The spooler will use the default value, !.
9042	MESSAGE	Output spooler, LDEV #\: Check NPCONFIG.

Valid values of item "!" are ! and !. The spooler will use the default value, !.

9401 MESSAGE Output spooler, LDEV #: Spoolfile error. There is an FCLOSE record which does not have a matching FOPEN record.

9402 MESSAGE Output spooler, LDEV #: The spooler process is temporarily out of heap space. This checkpoint file cannot be processed properly.

9403 MESSAGE Output spooler, LDEV #: The spooler encountered an attempt to read the checkpoint file outside of its size.

9404 MESSAGE Output spooler, LDEV #: The spooler encountered a logical error in interpreting the contents of a checkpoint file.

9405 MESSAGE Output spooler, LDEV #: The spooler retrieved an entry of unknown type from the checkpoint file queues.

9406 MESSAGE Output spooler, LDEV #: The spooler received a bad status from an FPOINT call while trying to set the EOF for the checkpoint file.

9407 MESSAGE Output spooler, LDEV #: The spooler received a bad status from an FCONTROL call while trying to set the EOF for the checkpoint file.

9408 MESSAGE Output spooler, LDEV #: The spooler was asked to purge checkpoint files for a spoolfile which is not an output spoolfile.

9409 MESSAGE Output spooler, LDEV #: The spooler could not purge the checkpoint files for the spoolfile manager due to an HPDIRECSETUP error.

9410 MESSAGE Output spooler, LDEV #: The spooler could not purge the checkpoint files for the spoolfile manager due to an HPDIRECREAD error.

9411 MESSAGE Output spooler, LDEV #: The spooler could not purge the checkpoint files for the spoolfile manager due to an HPFOPEN error.

9412 MESSAGE Output spooler, LDEV #: The spooler could not purge the checkpoint files for the spoolfile manager due to an FCLOSE error.

9413 MESSAGE Output spooler, LDEV #: The spooler could not purge the checkpoint files for the spoolfile manager due to an FCLOSE error.

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9414	MESSAGE	Output spooler, LDEV #: The spooler could not close the checkpoint files due to an FCLOSE error.
9415	MESSAGE	Output spooler, LDEV #: The spooler could not open the checkpoint file to use while printing a spoolfile.
9416	MESSAGE	Output spooler, LDEV #: The spooler encountered a trap while attempting a mapped file write to the checkpoint file.
9417	MESSAGE	Output spooler, LDEV #: The spooler encountered an unknown trap in the checkpoint file write procedure.
9418	MESSAGE	Output spooler, LDEV #: The spooler encountered an unknown trap in the checkpoint file read procedure.
9419	MESSAGE	Output spooler, LDEV #: The spooler encountered an unknown escape while purging checkpoint files for the spoolfile file manager.
9501	MESSAGE	Output spooler, LDEV #: Cannot create the checkpoint file group.
9502	MESSAGE	Output spooler, Device Name !: Cannot retrieve LDEV # or other configuration information.
9503	MESSAGE	Output spooler, LDEV #: Cannot update device configuration tables.
9504	MESSAGE	Output spooler, LDEV #: Could not save special forms information in device configuration tables.
9505	MESSAGE	Output spooler, LDEV #: Cannot open physical device.
9506	MESSAGE	Output spooler, LDEV #: The file system reported an error when the spooler tried to enable the device's reporting status. The spooler cannot continue.
9507	MESSAGE	Output spooler, LDEV #: The file system reported an error when the spooler tried to disable the device's reporting status. The spooler cannot continue.
9508	MESSAGE	Output spooler, LDEV #: Spooler internal error, RECOVER invoked, spooler terminating.
9509	MESSAGE	Output spooler, LDEV #: NM message system



error. NOTE: This error is never displayed.

9510 MESSAGE Output spooler, LDEV #: CM message system error. NOTE: This error is never displayed.

9511 MESSAGE Output spooler, LDEV #: The spooler could not complete output of file !.

9512 MESSAGE Output spooler, LDEV #: Spoolfile directory error while deferring file !.

9513 MESSAGE Output spooler, LDEV #: Spoolfile directory error while saving last page number of file ! to be output.

9514 MESSAGE Output spooler, LDEV #: Unknown directory service error.

9515 MESSAGE You cannot run the output spooler as a user program.

9516 MESSAGE Output spooler: The GETINFO intrinsic reported an error while retrieving information about the spooled device. The spooler process cannot continue.

9517 MESSAGE Output spooler, LDEV #: The FFILEINFO intrinsic reported an error while retrieving a spoolfile name. The spooler process continues without it.

9518 MESSAGE Output spooler, LDEV #: Error while trying to set spooler state to STOP. The spooler will terminate anyway.

9519 MESSAGE Output spooler, LDEV #: Error while trying to set spooler state to ACTIVE.

9520 MESSAGE Output spooler, LDEV #: Error while trying to set spooler state to SUSPEND.

9521 MESSAGE Output spooler, LDEV #: Error while trying to set spooler state to IDLE.

9522 MESSAGE Output spooler, LDEV #: Error while trying to set spooler state to START.

9523 MESSAGE Output spooler, LDEV #: The spooler entered the INIT state, illegal once the process has started. Please contact your Hewlett-Packard support representative.

9524 MESSAGE Output spooler, LDEV #: The spooler entered an unknown and illegal state. Please contact your Hewlett-Packard support representative.

9525 MESSAGE Output spooler, LDEV #: Unable to determine next command.

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9526           MESSAGE        Output spooler, LDEV #: The spooler failed to open an output spoolfile. The spooler will go idle until another file becomes ready or until you enter a command which affects the spooling process.

9527           MESSAGE        Output spooler, LDEV #: Internal error while deferring file !, illegal reason for deferral. Please report the spooling subsystem number to your support engineer.

              CAUSE         When the spooler defers a file, it is for one of four causes (each described elsewhere in this document). In this case, the spooler has detected some other cause. This should never happen.

              ACTION        This message indicates a serious error in the code or the system as a whole. Report its number to your HP support representative.

9528           MESSAGE        Output spooler, LDEV #: The spooler failed to close spoolfile !.

9529           MESSAGE        Output spooler, LDEV #: The spooler detected an error opening or accessing checkpoint file ! for spoolfile !. Operation continues without it.

9530           MESSAGE        Output spooler, LDEV #: A spoolfile directory error occurred while selecting a file to print.

9531           MESSAGE        Output spooler, LDEV #: A spoolfile directory error occurred while preparing the Header.

9532           MESSAGE        Output spooler, LDEV #: A spoolfile directory error occurred while preparing the Trailer.

9533           MESSAGE        Output spooler, LDEV #: A spoolfile directory error occurred while getting the user's file designator for forms message processing.

9534           MESSAGE        Output spooler, LDEV #: A spoolfile directory error occurred while updating print job statistics during End of Job.

9535           MESSAGE        Output spooler, LDEV #: A spoolfile directory error occurred while obtaining print job information for the system log file.

9536           MESSAGE        Output spooler, LDEV #: A devicefile information error occurred while obtaining print job information for the system log file.

9537 MESSAGE Output spooler, LDEV #: The system logging subsystem reported an error while obtaining print job information for the system log file.

9538 MESSAGE Output spooler, LDEV #: The file system reported a device error during Start of Job processing.

9539 MESSAGE Output spooler, LDEV #: The file system reported a device error during Header processing.

9540 MESSAGE Output spooler, LDEV #: The file system reported a device error while outputting data.

9541 MESSAGE Output spooler, LDEV #: The file system reported a device error while retrieving device status.

9542 MESSAGE Output spooler, LDEV #: The file system reported a device error during spooler forms message processing.

9543 MESSAGE Output spooler, LDEV #: The file system reported a device error while printing the error trailer.

9544 MESSAGE Output spooler, LDEV #: The file system reported a device error during Trailer processing.

9545 MESSAGE Output spooler, LDEV #: The file system reported a device error during the End of Job processing.

9546 MESSAGE Output spooler, LDEV #: FCONTROL error.

9547 MESSAGE Output spooler, LDEV #: FDEVICECONTROL error.

9548 MESSAGE Output spooler, LDEV #: FREAD error.

9549 MESSAGE Output spooler, LDEV #: FWRITE error.

9550 MESSAGE Output spooler, LDEV #: The spooler received an error while waiting for nowait I/O completion.

9551 MESSAGE Output spooler, LDEV #: The spooler was unable to ;RELEASE the specified file. It remains in KEEP.

9552 MESSAGE Output spooler, LDEV #: Error while RESUMEing. The spooler will attempt to continue.

9553 MESSAGE Output spooler, LDEV #: Error while

SUSPENDING. The spooler will attempt to continue.

9554           MESSAGE       Output spooler, LDEV #: The spooler received a port read error.

9555           MESSAGE       Output spooler, LDEV #: The spooler received an invalid message type on its port.

9556           MESSAGE       Output spooler, LDEV #: The spooler received an unexpected escape during normal processing.

9557           MESSAGE       Output spooler, LDEV #: The spooler detected a fatal condition while performing an internal calculation. Please report the spooling subsystem error number to your support engineer.

9558           MESSAGE       Output spooler, LDEV #: The spooler could not access the Spooling Process Information Table (SPIT).

9559           MESSAGE       Output spooler, LDEV #: The spooler failed to update the Spooling Process Information Table (SPIT).

9560           MESSAGE       Output spooler, LDEV #: Spoolfile internal format error, attempted to access beyond file bounds. The file will be deferred.

9561           MESSAGE       Output spooler, LDEV #: Unsupported internal function code "!". Legal values are 1-4 and 64-255.

9562           MESSAGE       Output spooler, LDEV #: The device storage manager reported an invalid device status type "!". Please report the type and the spooling subsystem error number to your support engineer.

9563           MESSAGE       Output spooler, LDEV #: The device reported a parity or self-test error.

9564           MESSAGE       Output spooler, LDEV #: The device has insufficient memory to process data in this file.

9565           MESSAGE       Output spooler, LDEV #: The device has reported 100 protocol errors while processing this file.

9566           MESSAGE       Output spooler, LDEV #: The device has reported 100 instances of data overrun while processing this file.

9567	MESSAGE	Output spooler, LDEV#\ : The required HPSPPOOL account is missing. The spooler cannot continue.
9568	MESSAGE	Output spooler, LDEV #: The spooler could not open CATALOG.PUB.SYS to format the error trailer for SPOOLID #O!. The spooler will continue without printing the error trailer.
	CAUSE	<b>The spooler could not FOPEN CATALOG.PUB.SYS. The reason for this failure is displayed following this message.</b>
	ACTION	<b>Correct the problem with CATALOG.PUB.SYS. This allows the spooler to print future error trailers, however the spooler will not print any error trailers until the problem is corrected.</b>
9569	MESSAGE	Output spooler, LDEV #: The GENMESSAGE intrinsic reported error ! while formatting the error trailer for SPOOLID #O!. The spooler will continue without printing the error trailer.
	CAUSE	<b>Self-explanatory.</b>
	ACTION	<b>Determine the cause of the GENMESSAGE error and correct it. This allows the spooler to print future error trailers, however the spooler will not print any error trailers until the problem is corrected.</b>
9570	MESSAGE	Output spooler, LDEV #: The spooler detected a non-fatal condition while performing an internal calculation to print the error trailer for SPOOLID #O!. The spooler will continue without finishing the error trailer.
	CAUSE	<b>Corruption in the list of messages which make up the error trailer. The index into the list exceeded the maximum number of possible elements in the list without detection of the end-of-list mark.</b>
	ACTION	<b>Report the message number to your support engineer.</b>
9571	MESSAGE	Output spooler, LDEV #: Could not set (clear) serial printer transparent mode.
9572	MESSAGE	Output spooler, LDEV #\ : Spoolfile ! deferred due to a user command.
	CAUSE	<b>A user entered a SPOOLF &lt;spoolid set&gt;;DEFER or ALTSPoolFILE &lt;spoolid -or- ldev&gt; ; DEFER which referenced the file currently being printed by this device's spooler.</b>
	ACTION	<b>This message is informational. No action is required.</b>

9573	MESSAGE	Output spooler, LDEV #\: Spoolfile ! deferred due to a file error or abnormal condition.
	CAUSE	<ol style="list-style-type: none"><li>1. The file system reported an error while accessing the spoolfile.</li><li>2. The spooler detected internal spoolfile format corruption.</li></ol>
	ACTION	Either of the above reasons generates an appropriate error message. Correct the situation if possible, then SPOOLF...;UNDEFER the file to try to reprint the file.
9574	MESSAGE	Output spooler, LDEV #\: The spooler was unable to send a message to its port.
	CAUSE	The MPE/iX Ports Facility returned an error status to the spooler. The spooler process will terminate.
	ACTION	This should never happen. If it does, record all displayed messages, restart the spooler process and contact your Hewlett-Packard representative.
9575	MESSAGE	Output spooler, LDEV #\: Error while trying to set spooler state to SUSPEND PENDING.
	CAUSE	An internal routine which modifies the running state of the spooler process reported an error status to the spooler. The spooler process will terminate.
	ACTION	This should never happen. If it does, record all displayed messages, restart the spooler process and contact your Hewlett-Packard representative.
9576	MESSAGE	Output spooler, LDEV #\: The spooler was unable to flush its data to the printer due to a closed connection socket.
9578	MESSAGE	Output spooler, LDEV #\: Error while performing the TCP graceful release handshake on the printer connection.
9579	MESSAGE	Output spooler, LDEV #\: Error while waiting for the printer to flush its buffered data.
9580	MESSAGE	Output spooler, LDEV #\: Unable to complete ABORTIO request to the printer connection socket.
9581	MESSAGE	Output spooler, LDEV #\: IPC error while trying to close the printer connection socket. IPCSHUTDOWN error !:
9582	MESSAGE	Output spooler, LDEV #\: IPC error while trying to open a printer connection socket. ADDOPT error !:
9583	MESSAGE	Output spooler, LDEV #\: IPC error while

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trying to open a printer connection socket.  
IPCDEST error !:  
9584      MESSAGE      Output spooler, LDEV #\: IPC error while  
trying to write to the printer connection  
socket. IPCSEND error !:  
9585      MESSAGE      Output spooler, LDEV #\: IPC error while  
trying to open a printer connection socket.  
IPCCONNECT error !:  
9586      MESSAGE      Output spooler, LDEV #\: IOWAIT message  
destination error, sent to (spooler) port !,  
intended for port !.  
9587      MESSAGE      Output spooler, LDEV #\: IPC error while  
initializing a printer connection socket.  
IPCRCV error !:  
9588      MESSAGE      Output spooler, LDEV #\: IPC error while  
enabling or aborting a nowait I/O socket  
request. IPCCONTROL error !:!!  
9589      MESSAGE      Output spooler, LDEV #\: Could not identify a  
network address for this printer. The spooler  
will terminate. Check NPCONFIG.PUB.SYS.  
9590      MESSAGE      Output spooler, LDEV #\: The IOWAIT intrinsic  
reported a printer socket error, or an  
ABORTIO request was received.  
9591      MESSAGE      Output spooler, LDEV #\: Internal error,  
buffer not available as expected.  
9592      MESSAGE      Output spooler, LDEV #\: Failed to send  
buffered data to printer socket.  
9593      MESSAGE      Output spooler, LDEV #\: I/O aborted by user  
command.  
9594      MESSAGE      Output spooler, LDEV #\: The IOWAIT intrinsic  
reported  
condition code !.  
9595      MESSAGE      Output spooler, LDEV #\: Internal error, the  
IOWAIT intrinsic  
completed a request with a 0 file descriptor.  
9596      MESSAGE      Output spooler, LDEV #\: IPC error while  
reading printer  
status. IPCRCV error !:!!  
9597      MESSAGE      Output spooler, LDEV #\: The IOWAIT intrinsic  
reported I/O completion on file descriptor !,  
expected IOWAIT file descriptor ! or printer  
socket file descriptor !.
```

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9598 MESSAGE Output spooler, LDEV #\: Failed to write PJJ JOB command to printer. Check other error messages.

9599 MESSAGE Output spooler, LDEV #\: During spooler initialization, failed to get PLFD entry for use by IOWAIT port. The spooler will terminate.

9600 MESSAGE Output spooler, LDEV #\: During spooler initialization, failed to create OWAIT port. The spooler will terminate.

9601 MESSAGE Output spooler, LDEV #\: Network printer internal message identifier mismatch, ID was '!', expected '!'.

9602 MESSAGE Output spooler, LDEV #\: Internal IOWAIT message type "!" is not valid in this context.

9603 MESSAGE Output spooler, LDEV #\: Invalid IOWAIT message type.

9604 MESSAGE Output spooler, LDEV #\: Failed to obtain a system timer entry.

9605 MESSAGE Output spooler, LDEV #\: The IOWAIT intrinsic reported I/O completion on file descriptor !, expected IOWAIT file descriptor !."

9606 MESSAGE Output spooler, LDEV #\: Failed to abort a timer request.

9607 MESSAGE Output spooler, LDEV #\: During spooler initialization, failed to locate IOWAIT completion routine. The spooler will terminate.

9608 MESSAGE Output spooler, LDEV #\: Unable to flush ! pending completions from IOWAIT port ! prior to spooler shutdown.

9609 MESSAGE Output spooler, LDEV #\: Failed to write PJJ USTATUS command to printer. Check other error messages.

9610 MESSAGE Output spooler, LDEV #\: Unable to flush all data to printer at end of spool file.

9611 MESSAGE Output spooler, LDEV #\: During spooler initialization, could not notify the LDEV's logical device manager. The spooler will terminate.

9612 MESSAGE Output spooler, LDEV #\: During spooler



termination, could not notify the LDEV's logical device manager.

9613 MESSAGE Output spooler, LDEV #\: Sequence error, buffered data remains to be printed after the printer connection has been released.

9614 MESSAGE Output spooler, LDEV #\: Unable to close printer socket. The spooler will try to continue with the present connection.

9615 MESSAGE Output spooler, LDEV #\: Error while waiting for internal timed event to end.

9616 MESSAGE Output spooler, LDEV #\: Received an error at line ! of NPCONFIG.PUB.SYS while retrieving configuration information.

9617 MESSAGE Output spooler, LDEV #\: Failed to release timer entry !.

9618 MESSAGE Output spooler, LDEV #\: Could not write ending PJJ commands to printer.

9619 MESSAGE Output spooler, LDEV #\: File system error: !!

9620 MESSAGE Output spooler, LDEV #\: The ! bytes of PJJ printer status exceed the ! bytes available to hold it.

9621 MESSAGE Output spooler, LDEV #\: The PJJ information returned from the printer contains a syntax error. The first ! (max) bytes are shown: !

9622 MESSAGE Output spooler, LDEV #\: Unable to deallocate heap space used while processing NPCONFIG items. The spooler will continue.

9623 MESSAGE Output spooler, LDEV #\: Unable to open network printer configuration file NPCONFIG.PUB.SYS.

9624 MESSAGE Output spooler, LDEV #\: Internal error, NPCONFIG processing routines detected an LDEV number outside the range of 1 to 10000000.

9625 MESSAGE Output spooler, LDEV #\: No entry for this LDEV in NPCONFIG.PUB.SYS.

9626 MESSAGE Output spooler, LDEV #\: Syntax error in NPCONFIG.PUB.SYS, missing LDEV specification.

9627 MESSAGE Output spooler, LDEV #\: Syntax error in NPCONFIG.PUB.SYS, missing closing parenthesis.

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9628 MESSAGE Output spooler, LDEV #\: Syntax error in NPCONFIG.PUB.SYS, missing opening parenthesis.

9629 MESSAGE Output spooler, LDEV #\: Syntax error in NPCONFIG.PUB.SYS, unexpected opening parenthesis.

9630 MESSAGE Output spooler, LDEV #\: Syntax error in NPCONFIG.PUB.SYS, unexpected closing parenthesis.

9631 MESSAGE Output spooler, LDEV #\: Syntax error in NPCONFIG.PUB.SYS, missing equal sign (=).

9632 MESSAGE Output spooler, LDEV #\: Syntax error in NPCONFIG.PUB.SYS, unexpected equal sign (=).

9633 MESSAGE Output spooler, LDEV #\: Syntax error in NPCONFIG.PUB.SYS.

9634 MESSAGE Output spooler, LDEV #\: Internal error in NPCONFIG parser, parser stack overflow.

9635 MESSAGE Output spooler, LDEV #\: Internal error in NPCONFIG parser.

9636 MESSAGE Output spooler, LDEV #\: Error while switching the printer into its PCL personality.

9637 MESSAGE Output spooler, LDEV #\: Could not flush buffered data to printer at end-of-job.

9638 MESSAGE Output spooler, LDEV #\: Error while waiting for printer to process all data during end-of-job.

9639 MESSAGE Output spooler, LDEV #\: The spooler was unable to write its data to the printer due to a closed connection socket.

9640 MESSAGE Output spooler, LDEV #\: The spooler detected an unexpected open connection socket. The spooler will close the socket and continue.

9641 MESSAGE Output spooler, LDEV #\: The spooler detected unprinted data in its internal buffers. Some output may have been lost.

9642 MESSAGE Output spooler, LDEV #\: Failed to open the debug log file. The spooler will continue, but will not log any events.

9643 MESSAGE Output spooler, LDEV #\: Failed while writing to the debug log file. The spooler will continue, but will not log any more events.

9644           MESSAGE       Output spooler, LDEV #\: Failed to close the debug log file.

9645           MESSAGE       Output spooler, LDEV #\: Failed to reset the printer at start of either header, data, or trailer.

9646           MESSAGE       Output spooler, LDEV #\: The IPCRECV intrinsic reported error ! while waiting for a generic event completion. The error text is: !!

9647           MESSAGE       Output spooler, LDEV #\: Unable to reconnect to printer socket after an abnormal disconnection.

9648           MESSAGE       Output spooler, LDEV #\: Failed to setup internal data structures for printer SNMP requests due to previous error(s).

9649           MESSAGE       Output spooler, LDEV #\: Failed to close the UDP socket used for printer status requests.

9650           MESSAGE       Output spooler, LDEV #\: Error while writing to printer display panel.

9651           MESSAGE       Output spooler, LDEV #\: Network error or write error while downloading NPCONFIG setup file !.

9652           MESSAGE       Output spooler, LDEV #\: Non-spooling subsystem error while processing NPCONFIG setup file !.

9653           MESSAGE       Output spooler, LDEV #\: Internal error while downloading setup file, CREATE\_OBJECT call failed. Please report the spooling subsystem error number to your support engineer.

9654           MESSAGE       Output spooler, LDEV #\: Internal error while downloading setup file, RELEASE\_OBJECT call failed. Please report the spooling subsystem error number to your support engineer.

9655           MESSAGE       Output spooler, LDEV #\: Spool file ! deferred due to a setup file error or abnormal condition.

9656           MESSAGE       Output spooler, LDEV #\: SNMP error ! reported while retrieving printer status.

9657           MESSAGE       Output spooler, LDEV #\: Failed to write PJI ECHO command to printer. Check other error messages.

9658           MESSAGE       Output spooler, LDEV #\: Operator

intervention required. Printer reports the following device status: !!!

9659 MESSAGE Output spooler, LDEV #\: SNMP query returned a status word with known\_state bit not set. Device status cannot be processed.

9660 MESSAGE Output spooler, LDEV #\: Printer device is not responding. Either the device is not operational or possible network problem.

9661 MESSAGE Output spooler, LDEV #\: Network transport must be started for network printers to work. Socket error ! reported by IPCCREATE intrinsic: !!

9662 MESSAGE Output spooler, LDEV #\: Cannot communicate with network printer. Check network xport config, NPONFIG.PUB.SYS, xport and links started status, intermediate network, and printer status.

9663 MESSAGE Output spooler, LDEV #\: Failed to create a call socket bound to TCP-protocol.

9664 MESSAGE Output spooler, LDEV #\: Failed to enable socket tracing. Sockets status !, Node Management Services status NMERR !.

9665 MESSAGE Output spooler, LDEV #\: Domain name resolver return status nodename is unknown (HOST\_NOT\_FOUND). Printer nodename lookup failed.

9666 MESSAGE Output spooler, LDEV #\: Domain name resolver return status nameserver not responding (TRY\_AGAIN). Printer nodename lookup failed.

9667 MESSAGE Output spooler, LDEV #\: Some unexpected domain name resolver error was encountered (NO\_RECOVERY). Printer nodename lookup failed.

9668 MESSAGE Output spooler, LDEV #\: Domain name resolver return status incomplete data for requested node (NO\_DATA). Printer nodename lookup failed.

9669 MESSAGE Output spooler, LDEV #\: Unknown domain name resolver error was encountered. Printer nodename lookup failed.

9670 MESSAGE Output spooler, LDEV #\: The program\_file item of NPONFIG.PUB.SYS must be either OUTSPTJ.PUB.SYS or /SYS/PUB/OUTSPTJ (case

sensitive).

9671           MESSAGE       Output spooler, LDEV #\: The run\_priority item of NPCONFIG.PUB.SYS must be one of BS, CS, DS, or ES. The spooler will use the default value (CS).

9901           MESSAGE       Output spooler, LDEV #: I/O error, the FCONTROL intrinsic failed while creating the checkpoint file group.

9902           MESSAGE       Output spooler, LDEV #: I/O error, the FDEVICECONTROL intrinsic failed.

9903           MESSAGE       Output spooler, LDEV #: The spooler encountered an unexpected escape while processing an FOPEN or FCLOSE. The escape code is pushed on the stack.

9904           MESSAGE       Output spooler, LDEV #: The spooler encountered an unexpected escape while processing an FCLOSE. The escape code is pushed on the stack.

10750          MESSAGE       Command string contains an invalid PURGE option.

                  CAUSE       **The PURGE option on the OUTPUT command of the SPFXFER utility was incorrectly specified.**

                  ACTION      **Check and correct the spelling and/or syntax of the OUTPUT command.**

10751          MESSAGE       File specifier too long in command string.

10752          MESSAGE       Invalid command name.

10753          MESSAGE       Invalid tape filename in command string.

10754          MESSAGE       Invalid user name in command string.

10755          MESSAGE       Invalid command syntax.

10756          MESSAGE       Invalid delimiter in command string.

10757          MESSAGE       Keyword missing in command string.

10758          MESSAGE       Invalid parameters in command string.

10759          MESSAGE       Command is too long.

10760          MESSAGE       An error has been returned by MYCOMMAND.

10761          MESSAGE       Terminal I/O error.

10762          MESSAGE       No files were found under the specified USER.ACCOUNT.

10763          MESSAGE       Unable to open tape device.

10764          MESSAGE       Cannot open spoolfile on disc.

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10765	MESSAGE	Invalid tape format.
10766	MESSAGE	Error while reading tape.
10773	MESSAGE	EOF mark not found.
10774	MESSAGE	Wrong reel - incorrect tape label.
10775	MESSAGE	Wrong real - incorrect reel number.
10776	MESSAGE	Wrong reel - incorrect SPOOK version.
10777	MESSAGE	Unable to close tape device.
10778	MESSAGE	Error while reading file.
10779	MESSAGE	Error while writing file.
10780	MESSAGE	Error while writing to tape.
10781	MESSAGE	File not found.
10782	MESSAGE	Invalid file ID.
10785	MESSAGE	Insufficient capability.
10786	MESSAGE	Unexpected end of tape encountered.
10787	MESSAGE	Wrong reel has been mounted.
10788	MESSAGE	Multi reel abort.
10789	MESSAGE	Error occurred while accessing Native Mode device files.
10790	MESSAGE	Error in SPOOK tape Device Class Directory.
10791	MESSAGE	Invalid spoolfile block format.
10792	MESSAGE	Error while delimiting device name.
10793	MESSAGE	Cannot get UFID.
10794	MESSAGE	Cannot get spoolfile ID.
10795	MESSAGE	Error returned by FCONTROL.
10796	MESSAGE	Error returned by FFILEINFO.
10797	MESSAGE	Cannot open spoolfile on system disc.
10798	MESSAGE	Cannot close spoolfile on system disc.
10799	MESSAGE	Error returned by SP_FM_SET.
10800	MESSAGE	Invalid target device.
10801	MESSAGE	SPOOKTAPE Device Directory overflow.
10802	MESSAGE	Error returned by FCHECK.
10803	MESSAGE	Error returned by SP_FM_INFO.
10804	MESSAGE	Cannot open STDLIST.
10805	MESSAGE	Error returned by Job/Session Procedures.

```
32765      MESSAGE      Native Mode Spooler message !.  
32766      MESSAGE      Native Mode Spooler message !.
```





# **3 Volume II Chapter 3**

## Page Printer

### (D467ERR)

```
1          MESSAGE      268X PAGE PRINTER IS NOT CONFIGURED INTO THIS
                SYSTEM. (D467ERR 1)
2          MESSAGE      268X PAGE PRINTER IS CONFIGURED AS LDEV
                NUMBERS: ! ! ! ! ! (D467MSG 2)
3          MESSAGE      DATA RECEIVED = ! SHOULD BE ! (D467MSG 3)
4          MESSAGE      ENTER LDEV OF UNIT TO BE TESTED. (D467MSG 4)
5          MESSAGE      USER MUST HAVE OPERATOR OR SYSTEM MANAGER
                CAPABILITIES TO RUN THIS VERIFIER. (D467ERR
                5)
6          MESSAGE      USER MUST HAVE PM CAPABILITY TO RUN THIS
                VERIFIER. (D467ERR 6)
7          MESSAGE      COMMAND INTRINSIC FAILURE - ERROR CODE = !
                (D467ERR 7)
8          MESSAGE      THE VERIFIER WILL STOP SPOOLING TO THE 268X
                PAGE PRINTER. (D467MSG 8)
9          MESSAGE      SPOOLING TO LDEV \ (268X PRINTER) WAS STOPPED
                BY THE VERIFIER. (D467MSG 9)
10         MESSAGE      SPOOLING TO LDEV \ (268X PRINTER) WAS
                SUSPENDED BY THE VERIFIER. (D467MSG 10)
11         MESSAGE      SPOOLING TO LDEV \ (268X PRINTER) WAS
                RESTARTED BY THE VERIFIER. (D467MSG 11)
12         MESSAGE      LDEV \ (268X PRINTER) WAS PLACED INTO
                DIAGNOSTIC MODE BY THE VERIFIER. (D467MSG 12)
13         MESSAGE      LDEV \ (268X PRINTER) RELEASED FROM
                DIAGNOSTIC MODE BY THE VERIFIER. (D467MSG 13)
14         MESSAGE      STATE OF LDEV \ (268X PRINTER) WAS ALTERED
                DURING EXECUTION OF THE VERIFIER. (D467MSG
                14)
15         MESSAGE      LDEV ! ENTERED WAS NOT CORRECT. (D467ERR 15)
16         MESSAGE      LDEV ! (268X PAGE PRINTER) HAS AN ACTIVE JOB
                IN PROCESS. THE VERIFIER WILL WAIT FOR
                COMPLETION. IF YOU WISH TO TERMINATE THE
                VERIFIER ENTER "CONTROL Y". (D467MSG 16)
17         MESSAGE      ERROR IN STEP ! (D467ERR 17)
18         MESSAGE      ATTEMPT TO OBTAIN DRT NUMBER FOR LDEV !
```

FAILED. (D467ERR 18)

19 MESSAGE ATTEMPT TO OBTAIN CPU TYPE FAILED. UNABLE TO CONTINUE. (D467ERR 19)

20 MESSAGE ERROR DETECTED WHILE ATTEMPTING TO DISABLE SYSTEM BREAK FROM USERS TERMINAL. (D467ERR 20)

21 MESSAGE DO YOU WANT TO ABORT THIS VERIFIER (D467A) (Y/N)?

22 MESSAGE ATTEMPT TO ENABLE CONTROL Y BREAK FROM USERS TERMINAL FAILED. (D467ERR 22)

23 MESSAGE REQUEST ABORTED EXTERNALLY. (D467ERR 11)

24 MESSAGE READ MESSAGE BEING DISPLAYED ON THE PAGE PRINTER. (D467ERR 24)

25 MESSAGE SYSTEM POWER FAILURE. (D467ERR 25)

26 MESSAGE INVALID SPOOLFILE RECORD SIZE. (D467ERR 26)

27 MESSAGE PAGE PRINTER COMPLETED "POWER UP" SEQUENCE. (D467ERR 27)

28 MESSAGE TRANSMISSION ERROR DETECTED IN THE PRINTER. (D467ERR 28)

29 MESSAGE AN ATTEMPT WAS MADE TO USE THE MULTI-COPY FORMS TABLE WITHOUT ONE BEING LOADED. (D467ERR 29)

30 MESSAGE INVALID REQUEST, FUNCTION OR PARAMETER. (D467ERR 30)

31 MESSAGE TRANSFER ERROR. (D467ERR 31)

32 MESSAGE I/O TIMED OUT BEFORE COMPLETION (SOFTWARE TIMEOUT). (D467ERR 32)

33 MESSAGE SIO FAILURE. (D467ERR 33)

34 MESSAGE HARDWARE MALFUNCTION IN THE PAGE PRINTER. (D467ERR 34)

35 MESSAGE SYSTEM FAILURE - NO MESSAGE LINK BUFFERS AVAILABLE FOR DRIVER. (D467ERR 35)

36 MESSAGE NO RESPONSE FROM CONTROLLER INTERFACE. (D467ERR 36)

37 MESSAGE MAXIMUM NUMBER OF COPIES PER PHYSICAL PAGE HAS BEEN EXCEEDED. (D467ERR 37)

38 MESSAGE A COMMAND OR FUNCTION CODE WAS RECEIVED WHEN A JOB WAS NOT IN PROGRESS. (D467ERR 38)

39 MESSAGE NO MEMORY AVAILABLE. MAIN MEMORY IS FULL OF

DATA, FORMS, VFC'S OR CHARACTER SETS.  
(D467ERR 39)

40 MESSAGE A VFC IS SELECTED BY AN LPT ENTRY (WORD  
10-BASE CHARACTER HEIGHT) THAT IS <= 0.  
(D467ERR 40)

41 MESSAGE NO MEMORY AVAILABLE FOR ATTEMPTED CHARATER  
SET LOAD. (D467ERR 41)

42 MESSAGE NO MEMORY AVAILABLE FOR ATTEMPTED FORM LOAD.  
(D467ERR 42)

43 MESSAGE NO MEMORY AVAILABLE FOR ATTEMPTED VFC LOAD.  
(D467ERR 43)

44 MESSAGE ATTEMPT TO SELECT UNDEFINED CHARACTER SET.  
(D467ERR 44)

45 MESSAGE ATTEMPT TO SELECT UNDEFINED FORM. (D467ERR  
45)

46 MESSAGE ATTEMPT TO SELECT UNDEFINED VFC. (D467ERR 46)

47 MESSAGE ATTEMPT TO SELECT AN ILLEGAL LOGICAL PAGE  
TABLE ENTRY. (D467ERR 47)

48 MESSAGE ATTEMPT TO MOVE PEN OFF LOGICAL PAGE (D467ERR  
48)

49 MESSAGE PRINTER COULDN'T PROCESS DATA BEFORE TRANSFER  
TO DRUM/PAPER. (D467ERR 49)

50 MESSAGE DATA BLOCK TRANSMITTED TO PRINTER CONTAINS A  
FORMAT ERROR IN RECORD ! ON SHEET NUMBER !.  
(D467ERR 50)

51 MESSAGE ERROR IN STEP ! - OPERATION = ! (D467ERR 51)

52 MESSAGE CPVA ERROR - ! (D467ERR 52)

53 MESSAGE ERROR CODE = ! (D467ERR 53)

54 MESSAGE INTERRUPT INSTRUCTION IN WORD 0. (D467ERR 54)

55 MESSAGE 268X MEMORY SIZE = !K WORDS DCS FIRMWARE  
DATECODE = !

56 MESSAGE NUMBER OF VFC'S LOADED = ! NUMBER OF FORMS  
LOADED = !

57 MESSAGE PAGE LENGTH = !. ! INCHES (!. ! CM) !

58 MESSAGE NUMBER OF CHARACTER SETS LOADED = !

59 MESSAGE NUMBER OF ERRORS ON THE LAST JOB = !

60 MESSAGE NUMBER OF CHARACTERS NOT PRINTED ON THE LAST  
JOB = !

61 MESSAGE PAGE WIDTH = !. ! INCHES (!. ! CM)

62 MESSAGE TYPE GO TO CONTINUE. (D467MSG 62)

63 MESSAGE PRINTER IS OFFLINE.

64 MESSAGE FOPEN ON USER TERMINAL FAILED - ERROR NUMBER = ! (D467ERR 64)

65 MESSAGE TEST ! COMPLETE (D467MSG 65)

66 MESSAGE SELECTING AN UNDEFINED ! DID NOT PRODUCE AN ERROR. (D467ERR 66)

67 MESSAGE PRINTER IS IN THE STOP MODE. PRESS RUN KEY ON THE PRINTER. (D467MSG 67)

68 MESSAGE ONLINE STATUS WAS NOT DETECTED. PROGRAM WILL ABORT. (D467ERR 68)

70 MESSAGE DO YOU WANT TO CONTINUE TESTING THIS UNIT (Y/N)? (D467MSG 70)

71 MESSAGE PRESS RUN KEY ON THE PRINTER. (D467MSG 71)

72 MESSAGE Probable cause is: 1) The 268X is not powered up, connected or configured properly. 2) The GIC or the I/O board in the 268X is defective.

73 MESSAGE DEVICE IDENTIFY CODE = ! Probable cause is: 1) The 268X I/O board is defective. 2) The GIC or the HPIB cable is defective. 3) The 268X is not configured properly. 4) Two units have the same device number.

75 MESSAGE PARITY ERROR DETECTED ON PHI COMMAND. (D467ERR 75)

76 MESSAGE SELFTEST RESULTS = ! (D467ERR 76)

77 MESSAGE PRINTER IS STILL OWNED BY THE SPOOLER AFTER A 20 SECOND DELAY. PROGRAM WILL ABORT. (D467MSG 77)

78 MESSAGE SHOULD BE !

92 MESSAGE DCS DATA PROCESSOR TEST FAILED. REPLACE THE DATA PROCESSOR BOARD (D467ERR 92)

93 MESSAGE DCS EXTERNAL REGISTER TEST FAILED. REPLACE THE DATA PROCESSOR BOARD (D467ERR 93)

94 MESSAGE PRINTER MEMORY TEST FAILED. RUN CE KEYBOARD TESTS. (D467ERR 94)

95 MESSAGE DCS DMA TEST FAILED. REPLACE THE I/O BOARD. (D467ERR 95)

96 MESSAGE DCS PHI(HPIB) CHIP TEST FAILED. REPLACE THE I/O BOARD. (D467ERR 96)

97 MESSAGE DCS CHARACTER BLOCK PROCESSOR TEST FAILED.  
REPLACE THE CHARACTER BLOCK PROCESSOR BOARD.  
(D467ERR 97)

98 MESSAGE UNDEFINED SELFTEST ERROR, BIT !, WAS  
DETECTED. (D467ERR 98)

511 MESSAGE CONDITION CODE IS < FOR PICTURE FILE !  
(D467ERR 511)

524 MESSAGE PRINTER ACCEPTED A CHARACTER SET LOAD WHEN  
THERE WASN'T ANY MEMORY AVAILABLE FOR IT (I/O  
STATUS WORD 4 BIT 0). (D467ERR 524)

528 MESSAGE ATTEMPT TO SATURATE THE CHARACTER BLOCK  
PROCESSOR FAILED (I/O STATUS WORD 4 BIT 8).  
(D467ERR 528)

530 MESSAGE ATTEMPT TO COPY MORE THAN THE MAXIMUM NUMBER  
OF COPIES PER PAGE FAILED (I/O STATUS WORD 4  
BIT 11). (D467ERR 530)

532 MESSAGE PRINTER DOESN'T DETECT AN INVALID SPOOLFILE  
RECORD (D467ERR 532)

534 MESSAGE PRINTER ACCEPTED A ! LOAD WHEN THERE WAS NOT  
ANY MEMORY AVAILABLE FOR IT (I/O STATUS WORD  
4 BIT !). (D467ERR 534)

542 MESSAGE OFFLINE MODE WAS NOT DETECTED (I/O STATUS  
WORD 1 BIT 1). (D467ERR 542)

550 MESSAGE POWER UP STATUS WAS NOT DETECTED (D467ERR  
550)

552 MESSAGE A SKIP TO A NON-EXISTENT VFC CHANNEL  
OCCURRED. (D467ERR 552)

554 MESSAGE UNEXPECTED DRIVER TYPE ! RESPONSE DETECTED.  
(D467ERR 554)

556 MESSAGE TIMEOUT FOR DIAGNOSTIC REQUEST. RESPONSE WAS  
NOT DETECTED WITHIN ! SECONDS. (D467ERR 556)

571 MESSAGE VERIFIER HAD ! UNSUCCESSFUL ATTEMPTS TO CLOSE  
THIS JOB. IMMEDIATE JOB ABORT WAS ISSUED.  
(D467ERR 571)

572 MESSAGE DATA WAS PROCESSED USING A DELETED CHARACTER  
SET (I/O STATUS WORD 5 BIT 2 NOT SET).  
(D467ERR 572)

582 MESSAGE PRINTER ACCEPTED COMMANDS WITHOUT A JOB OPEN  
(I/O STATUS WORD 4 BIT 12 NOT SET). (D467ERR  
582)

586 MESSAGE SETTING THE BASE CHARACTER HEIGHT (LPT WORD  
10) TO -1 DID NOT CREATE AN ERROR. (I/O

STATUS WORD 4 BIT 14). (D467ERR 586)

588 MESSAGE ATTEMPT TO SKIP TO A VFC CHANNEL CONTAINING ALL ZEROS DID NOT PRODUCE AN ERROR (I/O STATUS WORD 4 BIT 15). (D467ERR 588)

592 MESSAGE PAGE SIZE (LENGTH) ERROR WAS NOT DETECTED (I/O STATUS WORD 5 BIT 1 NOT SET). (D467ERR 592)

594 MESSAGE LOGICAL PAGE TRUNCATED ERROR WAS NOT DETECTED (I/O STATUS WORD 5 BIT 0 NOT SET). (D467ERR 594)

596 MESSAGE MISSING MULTI-COPY FORMS TABLE ERROR WAS NOT DETECTED (I/O STATUS WORD 4 BIT 10). (D467ERR 596)

614 MESSAGE ATTEMPT TO CAUSE "NOT ENOUGH MEMORY FOR PICTURE DOWNLOAD" FAILED. (IO STATUS WORD 6 BIT 0). (D467ERR 614)

615 MESSAGE ENVIRONMENTAL STATUS SHOWS INCORRECT NUMBER OF PICTURE FILES LOADED. #= !; SHOULD BE ! (D467ERR 615)

616 MESSAGE ATTEMPT TO CAUSE ENV STATUS WORD 9 BIT 1 ERROR FAILED. (PICTURE PRINT FAILED DUE TO MISSALIGNMENT) (D467ERR 616)

617 MESSAGE ATTEMPT TO CAUSE IO STATUS WORD 6 BIT 2 ERROR FAILED. (ATTEMPT TO PRINT NON-EXISTANT PICTURE) (D467ERR 617)

618 MESSAGE NOT ENOUGH MEMORY FOR PICTURE DOWNLOAD (D467ERR 618)

619 MESSAGE ATTEMPT TO PRINT MORE THAN 64 PICTURES ON A PHYSICAL PAGE. (D467ERR 619)

620 MESSAGE ATTEMPT TO PRINT A PICTURE WHICH IS NOT PRESENT. (D467ERR 620)

623 MESSAGE PRINTER ACCEPTED A PICTURE LOAD WHEN THERE WAS NOT ANY MEMORY AVAILABLE FOR IT (I/O STATUS WORD 6 BIT 0). (D467ERR 623)

624 MESSAGE ATTEMPT TO CAUSE "ATTEMPT TO PRINT MORE THAN 64 PICTURES ON A PHYSICAL PAGE" FAILED. (IO STATUS WORD 6 BIT 1) (D467ERR 624)

## Page Printer Device Manager

### (Subsystem 130)

252	MESSAGE	The PAGE PRINTER I/O MANAGER detected an internal software error.
	CAUSE	<b>Internal error.</b>
	ACTION	<b>Call your support representative.</b>
253	MESSAGE	The PAGE PRINTER I/O MANAGER was unable to release an I/O MESSAGE frame.
	CAUSE	<b>Internal error.</b>
	ACTION	<b>Call your support representative.</b>
254	MESSAGE	The PAGE PRINTER I/O MANAGER was not able to send an I/O MESSAGE to another I/O MANAGER.
	CAUSE	<b>Internal error.</b>
	ACTION	<b>Call your support representative.</b>
255	MESSAGE	The PAGE PRINTER I/O MANAGER was unable to obtain an I/O MESSAGE frame.
	CAUSE	<b>Internal error.</b>
	ACTION	<b>Call your support representative.</b>



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## POSIX.1 Error Messages

### (Subsystem 517)

This section presents the error messages for the POSIX.1 subsystem.

1	MESSAGE	[EPERM] Operation not permitted. (POSIX.1 ERROR 1)
	CAUSE	An attempt was made to perform an operation limited to processes with appropriate privileges or to the owner of a file or other resource.
	ACTION	Check privilege or ownership of the file or other resource.
2	MESSAGE	[ENOENT] No such file or directory. (POSIX.1 ERROR 2)
	CAUSE	A component of a specified pathname did not exist, or the pathname was an empty string.
	ACTION	Use the pathname of the existing file.
3	MESSAGE	[ESRCH] No such process. (POSIX.1 ERROR 3)
	CAUSE	No process could be found corresponding to that specified by the given process ID.
	ACTION	Check the process ID being used or use a valid process ID.
4	MESSAGE	[EINTR] Interrupted function call. (POSIX.1 ERROR 4)
	CAUSE	An asynchronous signal (such as SIGINT or SIGQUIT; see the description of the header <code>&lt;signal.h&gt;</code> in the MPE/iX Developer's Kit Reference Manual) was caught by the process during the execution of an interruptible function. If the signal handler performs a normal return, the interrupted function call may return this error condition.
	ACTION	No action.
5	MESSAGE	[EIO] Input/output error. (POSIX.1 ERROR 5)
	CAUSE	Some physical input or output error occurred. This error may be reported on a subsequent operation on the same file descriptor. Any other error-causing operation on the same file descriptor may cause the [EIO] error indication to be lost.
	ACTION	Check input/output device status.
6	MESSAGE	[ENXIO] No such device or address. (POSIX.1 ERROR 6)
	CAUSE	Input or output on a special file referred to a device that

		<p>did not exist, or made a request beyond the limits of the device. This error may also occur when, for example, a tape drive is not online or a disk pack is not loaded on a drive.</p>
	ACTION	Check the status of the device or the address being used.
7	MESSAGE	[E2BIG] Arg list too long. (POSIX.1 ERROR 7)
	CAUSE	The sum of the number of bytes used by the new procedure image's argument list and environment list was greater than the system imposed limit of {ARG_MAX} bytes.
	ACTION	Use less arguments.
8	MESSAGE	[ENOEXEC] Exec format error. (POSIX.1 ERROR 8)
	CAUSE	A request was made to execute a file that, although it had the appropriate permissions, was not in the format required by this implementation for executables files. See the MPE/iX Developer's Kit Reference Manual for the requirements of exec()'able files.
	ACTION	Only attempt to exec() exec()'able files.
9	MESSAGE	[EBADF] Bad file descriptor. (POSIX.1 ERROR 9)
	CAUSE	A file descriptor argument was out of range, referred to no open file, or a read (write) request was made to a file that was only open for writing (reading).
	ACTION	Open file or use correct access.
10	MESSAGE	[ECHILD] No child processes. (POSIX.1 ERROR 10)
	CAUSE	A wait() or waitpid() function was executed by a process that had no existing or unwaited-for child processes.
	ACTION	Create one or more child processes.
11	MESSAGE	[EAGAIN] Resource temporarily unavailable. (POSIX.1 ERROR 11)
	CAUSE	This is a temporary condition, and later calls to the same routines may complete normally.
	ACTION	Try again.
12	MESSAGE	[ENOMEM] Not enough space. (POSIX.1 ERROR 12)
	CAUSE	The new process image required more memory than allowed by the hardware or by system-imposed memory management constraints.
	ACTION	Increase memory usage capability of user or size of the process image.

13	MESSAGE	[EACCES] Permission Denied. (POSIX.1 ERROR 13)
	CAUSE	<b>An attempt was made to access a file in a way forbidden by its file access permissions.</b>
	ACTION	<b>Use correct access if you are able.</b>
14	MESSAGE	[EFAULT] Bad Address. (POSIX.1 ERROR 14)
	CAUSE	<b>The system detected an invalid or NULL address in attempting to use an argument of a call.</b>
	ACTION	<b>Check the address being used.</b>
16	MESSAGE	[EBUSY] Resource busy. (POSIX.1 ERROR 16)
	CAUSE	<b>An attempt was made to use a system resource that was not available at the time because it was being used by a process in a manner that would have conflicted with the request being made by this process.</b>
	ACTION	<b>Have the resource released and try again.</b>
17	MESSAGE	[EEXIST] File exists. (POSIX.1 ERROR 17)
	CAUSE	<b>An existing file specified in an inappropriate context; for instance, as the new directory name in a mkdir() function.</b>
	ACTION	<b>Check to see if file or directory already exists.</b>
18	MESSAGE	[EXDEV] Improper link. (POSIX.1 ERROR 18)
	CAUSE	<b>A link to a file on another file system was attempted.</b>
	ACTION	<b>Do not attempt a link to a file located across a file system.</b>
19	MESSAGE	[ENODEV] No such device. (POSIX.1 ERROR 19)
	CAUSE	<b>An attempt was made to apply an inappropriate function to a device; for example, trying to read a write-only device such as a printer.</b>
	ACTION	<b>Use valid access to the device.</b>
20	MESSAGE	[ENOTDIR] Not a directory. (POSIX.1 ERROR 20)
	CAUSE	<b>A component of the specified pathname existed, but it was not a directory, when a directory was expected.</b>
	ACTION	<b>Use the correct pathname.</b>
21	MESSAGE	[EISDIR] Is a directory. (POSIX.1 ERROR 21)
	CAUSE	<b>An attempt was made to open a directory as an ordinary file which is not permitted by this implementation.</b>
	ACTION	<b>Use directory functions to operate on directories.</b>
22	MESSAGE	[EINVAL] Invalid argument. (POSIX.1 ERROR 22)
	CAUSE	<b>Some invalid argument was supplied. [For example,</b>

		<b>specifying an undefined signal to a <code>signal()</code> or <code>kill()</code> function].</b>
	ACTION	<b>Use valid arguments.</b>
23	MESSAGE	[ENFILE] Too many open files in system. (POSIX.1 ERROR 23)
	CAUSE	<b>Too many files are currently open in the system. The system reached its predefined limit for simultaneously open files and temporarily could not accept requests to open another one.</b>
	ACTION	<b>Close unneeded files.</b>
24	MESSAGE	[EMFILE] Too many open files. (POSIX.1 ERROR 24)
	CAUSE	<b>An attempt was made to open more than the maximum number of {OPEN_MAX} file descriptors allowed in this process.</b>
	ACTION	<b>Close unneeded files.</b>
25	MESSAGE	[ENOTTY] Inappropriate I/O control operation. (POSIX.1 ERROR 25)
	CAUSE	<b>A control function was attempted for a file or a special file for which the operation was inappropriate.</b>
	ACTION	<b>Use appropriate control for file.</b>
27	MESSAGE	[EFBIG] File too large. (POSIX.1 ERROR 27)
	CAUSE	<b>The size of a file would exceed an implementation-defined maximum file size.</b>
	ACTION	<b>Use smaller size files.</b>
28	MESSAGE	[ENOSPC] No space left on device. (POSIX.1 ERROR 28)
	CAUSE	<b>During a <code>write()</code> function on a regular file, or when extending a directory, there was no free space left on the device.</b>
	ACTION	<b>Deallocate unneeded disk space.</b>
29	MESSAGE	[ESPIPE] Invalid seek. (POSIX.1 ERROR 29)
	CAUSE	<b>An <code>lseek()</code> function was issued on a pipe or FIFO.</b>
	ACTION	<b>Do not attempt seeks on pipes or FIFOs.</b>
30	MESSAGE	[EROFS] Read-only file system. (POSIX.1 ERROR 30)
	CAUSE	<b>An attempt was made to modify a file or directory on a file system that was read-only at that time.</b>
	ACTION	<b>None.</b>

31	MESSAGE	[EMLINK] Too many links. (POSIX.1 ERROR 31)
	CAUSE	An attempt was made to have the link count of a single file exceed {LINK_MAX}.
	ACTION	Reduce the number of links to the offending file or directory.
32	MESSAGE	[EPIPE] Broken pipe. (POSIX.1 ERROR 32)
	CAUSE	A write was attempted on a pipe or FIFO for which there was no process to read the data.
	ACTION	Re-establish the pipe or FIFO.
33	MESSAGE	[EDOM] Domain error. (POSIX.1 ERROR 33)
	CAUSE	Defined in the C Standard; an input argument was outside the defined domain of the mathematical function.
	ACTION	Adhere to mathematical domain requirements.
34	MESSAGE	[ERANGE] Result too large. (POSIX.1 ERROR 34)
	CAUSE	Defined in the C Standard; the result of the function was too large to fit in the available space.
	ACTION	Use a larger buffer space with the function.
35	MESSAGE	[ENOMSG] No IPC message waiting. (POSIX.1 ERROR 35)
	CAUSE	The specified message queue does not contain a message of the type specified in the mtype parameter and IPC_NOWAIT was specified in the msgflg parameter.
	ACTION	None. Application dependent. The receive operation can be retried.
36	MESSAGE	[EIDRM] Identifier removed. (POSIX.1 ERROR 36)
	CAUSE	The System V IPC resource ID used has been removed.
	ACTION	Use an allocated IPC resource.
45	MESSAGE	[EDEADLK] Resource deadlock avoided. (POSIX.1 ERROR 45)
	CAUSE	An attempt was made to lock a system resource that would have resulted in a deadlock situation.
	ACTION	Try again at a later time or free the resources which would have lead deadlock.
46	MESSAGE	[ENOLCK] No locks available. (POSIX.1 ERROR 46)
	CAUSE	A system-imposed limit on the number of simultaneous file and record locks was reached, and no more were available at that time.

	ACTION	<b>Remove unneeded locks and try again.</b>
47	MESSAGE	[EEXCL] File can't be opened exclusively. (POSIX.1 ERROR 47)
	CAUSE	<b>Attempt to open an existing file exclusively failed because file is already opened.</b>
	ACTION	<b>Assure that no other processes have the file opened before attempting to open the file exclusively.</b>
48	MESSAGE	[EIMPL] Implementation error. (POSIX.1 ERROR 48)
	CAUSE	<b>One of several implementation-specific errors of occurred. See the MPE/iX Developer's Kit Reference Manual for more information.</b>
	ACTION	<b>See the MPE/iX Developer's Kit Reference Manual</b>
50	MESSAGE	[ESYSERR] Internal Operating System error. (POSIX.1 ERROR 50)
	CAUSE	<b>This implementation has detected that an internal Operating System error has occurred which is not applicable to the POSIX.1 environment.</b>
	ACTION	<b>Consult a HP support engineer.</b>
56	MESSAGE	[ESEEK] Device does not support seeking. (POSIX.1 ERROR 56)
	CAUSE	<b>The device is such that does not support the concept of seeking by the lseek() function.</b>
	ACTION	<b>Do not attempt a seek on such a device.</b>
233	MESSAGE	[ENBUFS] No buffer space available. (POSIX.1 ERROR 233)
	CAUSE	<b>Buffer space allocated from the process heap space is currently depleted.</b>
	ACTION	<b>Deallocate or release unused buffer space.</b>
247	MESSAGE	[ENOTEMPTY] Directory not empty. (POSIX.1 ERROR 247)
	CAUSE	<b>A directory with entries other than dot and dot-dot was supplied when an empty directory was expected.</b>
	ACTION	<b>Remove all file and directories in target directory.</b>
248	MESSAGE	[ENAMETOOLONG] Filename too long. (POSIX.1 ERROR 248)
	CAUSE	<b>The size of a pathname string exceeded {PATH_MAX}, or a pathname component was longer than {NAME_MAX} and {_POSIX_NO_TRUNC} was in effect for that file.</b>

	ACTION	<b>Use shorter pathnames or filenames.</b>
251	MESSAGE	[ENOSYS] Function not implemented. (POSIX.1 ERROR 251)
	CAUSE	<b>An attempt was made to use a function that is not available in this implementation.</b>
	ACTION	<b>Refer to the MPE/iX Developer's Kit Reference Manual for implementation-defined functionality.</b>

## Printer, Tape and Spooler

### (Printer, Tape, Spooler)

This chapter lists the messages that you may encounter while managing printers, tapes and spoolers.

- |   |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | MESSAGE | (MAX CHARS= <i>num</i> )?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|   | CAUSE   | A message was sent to you by the PRINTOPREPLY intrinsic.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|   | ACTION  | REPLY/=REPLY to the message.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 2 | MESSAGE | CAN'T INITIALLY SPOOL LDEV# <i>nnn</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|   | CAUSE   | A nonspoolable <i>ldev</i> was configured to be initially spooled. You need to specify either a legitimate spooler (an <i>ldev</i> capable of being spooled) or an <i>ldev</i> that is job/session accepting.                                                                                                                                                                                                                                                                                                                                                                                                 |
|   | ACTION  | This indicates a system configuration error. The device specified cannot be spooled. The ACCEPT [JOBS, ] <i>ldev</i> command can be used to allow the JOB command if the device is a legitimate input spooler; then use STARTSPOOL <i>ldev</i> to start the spooler.                                                                                                                                                                                                                                                                                                                                          |
| 3 | MESSAGE | FORMS: <i>formsmessage</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|   | CAUSE   | A user has requested special forms to be mounted on a line printer. The device file and job number are printed on the following device assignment request by the PIN.                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|   | ACTION  | Information only.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 4 | MESSAGE | LDEV <i>nnn</i> ,UNABLE TO ALLOCATE \$STDLIST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|   | CAUSE   | \$STDLIST not able to be allocated.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|   | ACTION  | Recovery from this type of overload is automatic in a session. In a batch job, the spooling queues have shut or the system has exceeded the MAX # OF OPEN SPOOLFILES. Check the output device of the jobs in the WAIT state with SHOWDEV <i>nn</i> to see if it is unavailable (queue shut). If so, reopen the spool queue with OPENQ. If the printer is listed as AVAIL, enter an OPENQ command or a STARTSPOOL command to restart the printer. If there is a lack of disk space, you may have to store off spoolfiles, or use START NORECOVERY with the RECOVER LOST DISC SPACE option, before using OPENQ. |
| 5 | MESSAGE | LDEV# <i>nnn</i> FORMS ALIGNED OK (Y/N)?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|   | CAUSE   | You are asked by the system, following the printing of the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |



		standard "forms alignment image," if the forms are positioned correctly on the specified <i>ldev</i> .
	ACTION	<b>You are required to enter =REPLY <i>pin</i>, YES or =REPLY <i>pin</i>, NO. If the image is correctly positioned, =REPLY, YES and the requesting program will continue. If the image is not correctly positioned, reposition the forms and ~=REPLY, ~=NO". This will cause the alignment image to be printed again, and the question will be reissued. For a CIPER device, the forms alignment image must be printed using printer controls. It is not automatically printed by MPE/iX.</b>
6	MESSAGE	LDEV# <i>nnn</i> IN USE, DOWN PENDING
	CAUSE	<b>You have issued a DOWN command, but the device is in use by a process.</b>
	ACTION	<b>As soon as the use count goes to zero, the device will be down, and you will be notified.</b>
7	MESSAGE	LDEV# <i>nnn</i> NOT READY
	CAUSE	<b>The specified device is offline or the media is not mounted. If other action is required such as changing the tape reel, the program will display messages to that effect.</b>
	ACTION	<b>Place the device online.</b>
8	MESSAGE	LDEV# <i>nnn</i> OFFLINE
	CAUSE	<b>You are trying to access a device that is no longer available to the file system.</b>
	ACTION	<b>If the device is functional, enter UP <i>ldev</i> to place device online.</b>
9	MESSAGE	LDEV# <i>nnn</i> PAPER OUT
	CAUSE	<b>You ran out of paper on the indicated device.</b>
	ACTION	<b>Install and align the paper, and place the device online.</b>
10	MESSAGE	LDEV# <i>nnn</i> QUEUE EMPTY NO I/O TO ABORT FOR DEVICE <i>nnn</i>
	CAUSE	<b>You attempted an ABORTIO or =ABORTIO, and no requests were pending on the device.</b>
	ACTION	<b>Information only.</b>
11	MESSAGE	LDEV# <i>nnn</i> UNIT FAILURE
	CAUSE	<b>Bad status was returned from the specified logical device.</b>
	ACTION	<b>Retry. If the problem persists call your Application Engineering Organization (AEO).</b>
12	MESSAGE	MAX SPOOFLE KILOSECTORS IN USE, ALL QUEUES SHUT

	CAUSE	The configured maximum number of spooled device file kilosectors are in use. MPE/iX shuts all output queues (equivalent to <code>SHUTQ ldev</code> ), on all <code>ldevs</code> and <code>SHUTQ devclass</code> on all device classes), so users are automatically prevented from creating new spooled device files.
	ACTION	When space becomes available, you may reopen the queues with the <code>OPENQ</code> command.
13	MESSAGE	NO MORE SPACE IN SPOOL CLASS, ALL QUEUES SHUT
	CAUSE	No more space exists in the (disk) class <code>SPOOL</code> . MPE/iX shuts all output queues (equivalent to <code>SHUTQ ldev</code> on all <code>ldevs</code> and <code>SHUTQ devclass</code> on all device classes), so users are automatically prevented from creating new spooled device files.
	ACTION	Store on tape unnecessary spoolfiles and purge them from the system. A long term solution would be to reconfigure the system using <code>SYSGEN</code> for more disk space. When space becomes available, you may reopen the queues with the <code>OPENQ</code> command.
14	MESSAGE	REQUEST REQUIRING OPERATOR REPLY FOR PIN <i>pin</i> HAS BEEN ABORTED.
	CAUSE	A request for operator response (for example, <code>=REPLY/REPLY</code> ) for <i>pin</i> is no longer pending. The user probably hit <code>BREAK</code> and entered <code>ABORT</code>
	ACTION	Informational only.
15	MESSAGE	<code>SP#nnn/#Onnn DEFERRED</code>
	CAUSE	The output spooler on the specified <code>ldev</code> has deferred the spooled device file with the specified device file identification <code>Onnn</code> ), due to some action taken by you (for example, refusing a spooler's forms request).
	ACTION	To allow the deferred device file to print from the beginning, enter <code>ALTSPoolFILE #Onnn;PRI=k</code> (where <i>k</i> is a value above the current outfence).
16	MESSAGE	<code>SP#nnn/#Onnn DEFERRED, SPOOFLE I/O ERROR</code>
	CAUSE	The output spooler on <code>ldev</code> has encountered an error while opening or reading the spooled device file with identification <code>#Onnn</code> . The spooler has deferred the file.
	ACTION	To allow the deferred device file to try to print again use <code>ALTSPoolFILE #Onnn;PRI=k</code> (where <i>k</i> is a value above the current outfence). To delete the file, enter <code>DELETESPOOLFILE</code> command.
17	MESSAGE	<code>SP#nnn/#Innn DELETED, SPOOFLE I/O ERROR</code>

	CAUSE	The input spooler on the specified spooler <i>ldev</i> has deleted spooled device file # <i>Innn</i> due to a disk I/O error or a problem obtaining disk space.
	ACTION	Ensure that a sufficient space exists for the spooled device file. The system operator should enter the DISCFREE command. Check free space for all SPOOL class disks. Delete unnecessary spooled device files if possible. Allow output spoolers to free up space and try input operation again. Try to recover transient disk space by doing a START NORECOVERY, if trouble is not indicated.
18	MESSAGE	SP# <i>nnn</i> /IS <i>jobnum;filename</i> ON LDEV# <i>nnn</i> (Y/N)?
	CAUSE	You are asked to verify that you did request <i>jobnum;filename</i> forms on the device ( <i>ldev</i> ) indicated.
	ACTION	Enter ~=REPLY pin, YES to confirm that forms were requested or ~=REPLY pin, NO to reject the request, and defer the spoolfile.
19	MESSAGE	SP# <i>nnn</i> /SPOOLED IN
	CAUSE	The spooler on the specified spooler <i>ldev</i> has begun input spooling.
	ACTION	Information only.
20	MESSAGE	SP# <i>nnn</i> /SPOOLED OUT
	CAUSE	The spooler on the specified spooler <i>ldev</i> has begun output spooling.
	ACTION	Information only.
21	MESSAGE	SP# <i>nnn</i> /STOPPED
	CAUSE	A spooler has terminated on the specified spooler <i>ldev</i> .
	ACTION	None.
22	MESSAGE	SP# <i>nnn</i> /# <i>Innn</i> DELETED, SPOOFLE I/O ERROR
	CAUSE	The input spooler on the specified spooler <i>ldev</i> has detected a disk I/O error or a problem obtaining disk space for a spooled device file. The spooler stops, and the active device file is deleted.
	ACTION	Ensure that sufficient space exists for the spooled device file. Have the system manager use the DISCFREE command to check the free space for all SPOOL class disks. Delete unnecessary spooled device files if possible. Allow output spoolers to free up space and try input operation again. If the trouble is not disk space, then a disk I/O error is indicated.
23	MESSAGE	SP# <i>nnn</i> /STOPPED, SPOOLEE I/O ERROR
	CAUSE	The spooler on the indicated spooler <i>ldev</i> has detected an

error in attempting to read, write, or control its spooler. The spooler stops immediately; an input spooler will delete its currently ACTIVE spooled device file, while an output spooler will close its currently ACTIVE spooled device file. May be attempting a rewind on a magnetic tape device without a tape mounted. This generally indicates a hardware problem, but can also occur in response to an ABORTIO command.

	ACTION	Try to restart the spooler <code>STARTSPOOL ldev</code> . If the problem persists, the device or the medium (disk, magnetic tape) is faulty. If device is magnetic tape, check that a tape is mounted.
24	MESSAGE	<code>SP#nnn/STOPPED, SPOOLEE NOT ACCEPTING</code>
	CAUSE	The specified <code>ldev</code> is neither job-accepting nor data-accepting, causing the input spooler to stop. It cannot recognize further <code>JOB</code> or <code>DATA</code> commands.
	ACTION	Use the <code>ACCEPT JOBS, ldev</code> command or the <code>ACCEPT DATA, ldev</code> command and <code>STARTSPOOL ldev</code> to restart the input spooler.
25	MESSAGE	<code>STANDARD FORMS ON LDEV #nnn</code>
	CAUSE	You have special forms mounted on a device, and a device file not requiring special forms is assigned to the device.
	ACTION	Reply to the message by entering either <code>~~=REPLY pin, YES</code> when standard forms are mounted or <code>~~=REPLY pin, NO</code> when special forms are mounted and printing is to be deferred.
26	MESSAGE	<code>UNABLE TO ALLOCATE \$STDLIST FOR Jnn JOB WAITING</code>
	CAUSE	<code>\$STDLIST</code> not able to be allocated.
	ACTION	None.
27	MESSAGE	<code>LDEV #nnn Tape Has Lost Tension - MISLOAD ERROR</code>
	CAUSE	The leader on the tape is not long enough. It must be at least 12 feet.
	ACTION	Load a new tape, or move the "Beginning Of Tape" marker on the current tape.

---

## **PXUTIL**

The following error messages may be encountered when using the PXUTIL utility.

### **PXUTIL**

2	MESSAGE	End of file encountered writing group entry to HPGID.PUB.SYS. (PXUTIL 2).
	CAUSE	<b>The group database - HPGID.PUB.SYS - has become full.</b>
	ACTION	<b>Too many HFS groups exist. One or more should be purged.</b>
4	MESSAGE	End of file encountered writing user entry to HPUID.PUB.SYS. (PXUTIL 4).
	CAUSE	<b>The user database - HPUID.PUB.SYS - has become full.</b>
	ACTION	<b>There are too many HFS users. One or more should be deleted.</b>
6	MESSAGE	Duplicate key error writing group entry to HPGID.PUB.SYS. (PXUTIL 6).
	CAUSE	<b>Unexpected internal error.</b>
	ACTION	<b>Report the error to your HP field representative.</b>
8	MESSAGE	Duplicate key error writing user entry to HPUID.PUB.SYS. (PXUTIL 8).
	CAUSE	<b>Unexpected internal error.</b>
	ACTION	<b>Report the error to your HP field representative.</b>
10	MESSAGE	The following non-PXUTIL error occurred: subsys= !, info= !. (PXUTIL 10).
	CAUSE	<b>Unknown.</b>
	ACTION	<b>Run MSGUTIL.PUB.SYS to get more information on the error that has occurred.</b>
12	MESSAGE	Could not get home group of a user. (PXUTIL 12).
	CAUSE	<b>Unexpected internal error.</b>
	ACTION	<b>Report the error to your HP field representative.</b>
14	MESSAGE	Error reading label from HPGID.PUB.SYS. (PXUTIL 14).
	CAUSE	<b>Unexpected internal error.</b>
	ACTION	<b>Report the error to your HP field representative.</b>
16	MESSAGE	Error reading label from HPUID.PUB.SYS.

		(PXUTIL 16).
	CAUSE	<b>Unexpected internal error.</b>
	ACTION	<b>Report the error to your HP field representative.</b>
18	MESSAGE	Error writing label to HPGID.PUB.SYS. (PXUTIL 18).
	CAUSE	<b>Unexpected internal error.</b>
	ACTION	<b>Report the error to your HP field representative.</b>
20	MESSAGE	Error writing label to HPUID.PUB.SYS. (PXUTIL 20).
	CAUSE	<b>Unexpected internal error.</b>
	ACTION	<b>Report the error to your HP field representative.</b>
22	MESSAGE	Error - User has insufficient capability. SM required. (PXUTIL 22).
	CAUSE	<b>You do not have sufficient capability to run PXUTIL.</b>
	ACTION	<b>Add SM capability to your capability set.</b>
24	MESSAGE	Unknown command name. (PXUTIL 24).
	CAUSE	<b>A command was entered that is not recognized by PXUTIL.</b>
	ACTION	<b>Check HELP for a list of legal commands and their syntax.</b>
28	MESSAGE	Unable to close catalog for PXUTIL. (PXUTIL 28).
	CAUSE	<b>Unknown.</b>
	ACTION	<b>Check for other accessors of PXUTCAT.PUB.SYS.</b>

# **4 Volume II Chapter 4**

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## System Aborts

### (Subsystem 98)

System Abort messages are issued when the MPE/iX system encounters an error from which recovery is not possible. Rather than continue to operate and risk data integrity, the operating system halts the computer. This chapter presents a list of system abort messages in numerical order.

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**NOTE** Unless otherwise indicated, the probable cause of an abort is an internal error, and the action you should take is to take a system dump, call your HP support representative, and reboot your system.

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2	MESSAGE	Ran out of memory before PAGE and HASH TABLES were properly initialized.
	CAUSE	<b>Ran out of physical memory; address is outside the range of the machine.</b>
3	MESSAGE	Could not create the table header for the PDIR and/or the PDIR could not set up as a standard system table.
	CAUSE	<b>Failure occurred when calling the CREATE_TABLE to create the PDIR header.</b>
4	MESSAGE	Could not free up entries in the PDIR corresponding to memory below the PME during PDIR initialization.
	CAUSE	<b>Failure occurred when calling RELEASE_TABLE_ENTRY to release all PDIR TABLE entries.</b>
5	MESSAGE	Could not find a free entry in memory in the PDIR using the GENESIS MEMORY MANAGER.
	CAUSE	<b>Failure occurred when calling GET_TABLE_ENTRY to find a free entry in memory in the PDIR.</b>
6	MESSAGE	Could not release an entry in the PDIR using the GENESIS MEMORY MANAGER during a GET_MEMORY call.
	CAUSE	<b>Failure occurred when calling the RELEASE_TABLE_ENTRY to return the table entry corresponding to the given page number to the free pool.</b>
7	MESSAGE	Could not find a page with the proper alignment for the memory request for a virtual address that has not already been assigned a page.



	CAUSE	<b>Page alignment incorrect.</b>
8	MESSAGE	The procedure could not find a set of contiguous pages of the correct alignment (for example, not enough memory left).
	CAUSE	<b>Set of contiguous with the correct alignment are not available.</b>
9	MESSAGE	The procedure could not find a free page with the correct alignment using the GENESIS MEMORY MANAGER.
	CAUSE	<b>Unable to find a free page correctly aligned.</b>
10	MESSAGE	A contiguous assignment request for memory on a virtual range could not be honored when some area of the range already had pages assigned to it.
	CAUSE	<b>Duplicate memory assignment range request.</b>
11	MESSAGE	Could not release an entry in the PDIR using the GENESIS MEMORY MANAGER during a RELEASE_MEMORY call.
	CAUSE	<b>Failed when calling RELEASE_TABLE_ENTRY for releasing page from PDIR TABLE.</b>
12	MESSAGE	Could not initialize the resident PORTS facility.
	CAUSE	<b>Failed when calling INIT_RES_PORT_FACILITY to initialize ports.</b>
13	MESSAGE	Could not initialize the TIMERS facility.
	CAUSE	<b>Failed when calling INITIALIZE_TIMERS to initialize timers facility.</b>
14	MESSAGE	Could not configure primary I/O devices.
	CAUSE	<b>Failed when calling CONFIGURE_FOR_GENESIS to configure the system disk and console.</b>
50	MESSAGE	PRIMIO device not configured.
	CAUSE	<b>Low Level I/O returned error when configuring device.</b>
51	MESSAGE	CONFIGURE_HLIO_DEVICE configuration not done.
	CAUSE	<b>High Level I/O returned error when configuring device.</b>
52	MESSAGE	An error occurred in IO_INIT.
	CAUSE	<b>Low Level I/O returned error when setting up primary I/O environment.</b>
53	MESSAGE	An error occurred in CONFIGURE_LPT.
	CAUSE	<b>High Level I/O returned an error when setting up primary</b>

		<b>I/O environment.</b>
54	MESSAGE	An error occurred in CONFIGURE_DEVICE (halt; not system abort).
	CAUSE	<b>Problem occurred configuring console (will appear in front panel message - halt).</b>
55	MESSAGE	An error occurred in CONFIGURE_DEVICE.
	CAUSE	<b>Problem occurred configuring device other than the console.</b>
70	MESSAGE	SENDIO to read from SYSDISC failed.
	CAUSE	<b>I/O code returned a disk error.</b>
	ACTION	<b>Call your support representative. The dump may be restarted.</b>
71	MESSAGE	RENDEZVOUSIO to read from SYSDISC failed.
	CAUSE	<b>I/O returned a disk error.</b>
	ACTION	<b>Call your support representative. The dump may be restarted.</b>
72	MESSAGE	SENDIO to READ from disk failed.
	CAUSE	<b>I/O code returned a disk error.</b>
	ACTION	<b>Call your support representative. The dump may be restarted.</b>
73	MESSAGE	REWIND_TAPE_ONLINE of dump device failed.
	CAUSE	<b>I/O code returned a tape error.</b>
	ACTION	<b>Call your support representative. The dump may be restarted.</b>
74	MESSAGE	RENDEZVOUSIO returned error on rewind tape online.
	CAUSE	<b>I/O code returned a tape error.</b>
	ACTION	<b>Call your support representative. The dump may be restarted.</b>
75	MESSAGE	REWIND_TAPE of dump device failed.
	CAUSE	<b>I/O code returned a tape error.</b>
	ACTION	<b>Call your support representative. A dump may be restarted. If the failure occurred on the final, or only reel of tape, the current dump may be valid.</b>
76	MESSAGE	RENDEZVOUSIO returned error on REWIND_TAPE.
	CAUSE	<b>I/O code returned a tape error.</b>
	ACTION	<b>Call your support representative. The dump may be</b>

		restarted. If the failure occurred on the final, or only reel of tape, the current dump may be valid.
77	MESSAGE	FORCE_WRITE end of file to dump device failed.
	CAUSE	I/O code returned a tape error.
	ACTION	Call your support representative. The dump may be restarted.
78	MESSAGE	SENDIO to FORCE_WRITE to dump device failed.
	CAUSE	I/O code returned a tape error.
	ACTION	Call your support representative. The dump may be restarted.
79	MESSAGE	WRITE end of file to dump device failed.
	CAUSE	I/O code returned a tape error.
	ACTION	Call your support representative. The dump may be restarted.
80	MESSAGE	SENDIO to READ from dump device failed.
	CAUSE	A non-recoverable tape READ error occurred.
	ACTION	Call your support representative. The dump may be restarted.
81	MESSAGE	SENDIO to WRITE to dump device failed.
	CAUSE	A non-recoverable tape WRITE error occurred.
82	MESSAGE	SENDIO for tape GET_DEVICE_STATUS failed.
	CAUSE	I/O code returned error trying to get tape device status; did not occur during tape READ or WRITE.
	ACTION	Call your support representative. The dump may be restarted.
100	MESSAGE	The procedure BUILD_DIAGMON_PORT failed to build the diagnostic monitor port.
	CAUSE	Failed when calling BUILD_DIAGMON_PORT to build diagnostic monitor port.
101	MESSAGE	The procedure LOAD_SYSTEM_SL failed to load the system SL.
	CAUSE	System SL was not loaded by the LOAD_SYSTEM_SL procedure.
102	MESSAGE	The procedure INITIALIZE_DISPATCHER failed to initialize the DISPATCHER.
	CAUSE	DISPATCHER was not initialized.
103	MESSAGE	The procedure SM_CREATE_HASH_TBL failed to

create the HASH TABLE.

104 CAUSE **HASH TABLE was not created.**  
MESSAGE The procedure READ\_HPE\_VOL\_POINTERS failed to  
READ from LDEV 1.

105 CAUSE **Procedure could not be read from LDEV 1.**  
MESSAGE The procedure READ\_HPE\_VOL\_INFO\_UFID failed  
to READ the UFID from LDEV 1.

106 CAUSE **The UFID could not be read.**  
MESSAGE The procedure READ\_HPE\_VOL\_FREE\_ADDR failed  
to READ the first free address from LDEV 1.

107 CAUSE **The first free address could not be read.**  
MESSAGE The procedure GET\_HPE\_DISC\_SIZE\_PAGE is  
unable to access LDEV 1.

108 CAUSE **LDEV 1 could not be accessed.**  
MESSAGE The procedure START\_VOLUME\_MGT failed to  
START VOLUME MANAGEMENT.

109 CAUSE **VOLUME MANAGEMENT was not started with the  
required procedure.**  
MESSAGE The procedure GET\_SYSLIB\_UFID is unable to  
GET the system library UFID.

110 CAUSE **The system library UFID could not be accessed.**  
MESSAGE The procedure MAKE\_OBJECT\_SWAPPABLE is unable  
to MAKE SXRT swappable.

111 CAUSE **SXRT is not swappable.**  
MESSAGE The procedure MAKE\_OBJECT\_SWAPPABLE is unable  
to MAKE LST component swappable.

112 CAUSE **LST component is not swappable.**  
MESSAGE The feature ALTER\_OBJECT\_SIZE failed to  
INCREASE the SXRT object size.

113 CAUSE **The SXRT objective could not be increased.**  
MESSAGE The feature LOAD\_NON\_RES\_SYSTEM failed to  
LOAD the nonresident system.

114 CAUSE **The nonresident system could not be loaded.**  
MESSAGE The procedure INIT\_NONRES\_PORT\_FACILITY  
failed to initialize the nonresident port  
facility.

115 CAUSE **The nonresident port facility was not initialized.**  
MESSAGE The procedure READ\_HPE\_VOL\_COLDL\_ID failed to

READ the cold load ID from LDEV 1.

116 CAUSE **The cold load ID was not read from LDEV 1.**  
MESSAGE The procedure WRITE\_HPE\_VOL\_COLDL\_ID failed to WRITE the cold load ID from LDEV 1.

117 CAUSE **The cold load ID was not written from LDEV 1.**  
MESSAGE The procedure FS\_INITIALIZE\_FILE\_SYSTEM failed to initialize the file system.

118 CAUSE **The file system was not initialized.**  
MESSAGE The procedure FS\_PROC\_INIT failed to initialize the PROCESS information block extension area.

119 CAUSE **The PROCESS information block extension area was not initialized.**  
MESSAGE The procedure FAKE\_LOGON failed to OPEN the file system directories (PLFDs).

120 CAUSE **The file system directories (PLFDs) were not opened.**  
MESSAGE The procedure INIT\_LOADER failed to initialize the LOADER.

121 CAUSE **LOADER was not initialized.**  
MESSAGE The procedure ADD\_CLASS is unable to SWITCH to CM.

122 CAUSE **ADD\_CLASS could not SWITCH to CM.**  
MESSAGE The procedure ADD\_DEVICE is unable to SWITCH to CM.

123 CAUSE **ADD\_DEVICE could not SWITCH to CM.**  
MESSAGE The procedure ADD\_DEVICE is unable to add the system disk (LDEV 1) through ADD\_DEVICE for CM.

124 CAUSE **The system disk could not be added through ADD\_DEVICE for CM.**  
MESSAGE The procedure ADD\_DEVICE is unable to ADD the system console through ADD\_DEVICE for CM.

125 CAUSE **The system console could not be added through ADD\_DEVICE for CM.**  
MESSAGE The procedure ADD\_VIRTUAL\_LDEVS is unable to SWITCH to CM.

126 CAUSE **ADD\_VIRTUAL\_DEVICE could not be switched to CM.**  
MESSAGE The procedure CLEAN\_CM\_DEVICE\_TABLES is unable to SWITCH to CM.

	CAUSE	<b>CLEAN_CM_DEVICE_TABLES could not SWITCH to CM.</b>
127	MESSAGE	The procedure INIT_CM_DEVICE_TABLES is unable to SWITCH to CM.
	CAUSE	<b>INIT_CM_DEVICE could not SWITCH to CM.</b>
128	MESSAGE	The procedure IO_INIT failed to initialize the low level I/O system.
	CAUSE	<b>The low level I/O system was not initialized.</b>
450	MESSAGE	Activation of JOBMAIN process failed.
451	MESSAGE	Activation of SESSIONMAIN process failed.
452	MESSAGE	Creation of JOBMAIN process failed.
453	MESSAGE	Creation of JOBMAIN_PORT failed.
454	MESSAGE	Creation of JOBQUEUE_PORT failed.
455	MESSAGE	Creation of SESSIONMAIN process failed.
456	MESSAGE	Creation of SESSIONMAIN_PORT process failed.
457	MESSAGE	Opening JOBMAIN_PORT process failed.
458	MESSAGE	Opening JOBQUE_PORT process failed.
459	MESSAGE	Opening SESSIONMAIN_PORT process failed.
460	MESSAGE	The information and subsystem escape is passed as the second parameter.
461	MESSAGE	Had an unexpected escape from the operating system to the SESSIONMAIN outerblock. The information and subsystem that escaped are passed to the system abort as the second parameter.
462	MESSAGE	Had an unexpected escape from the operating system to the JSMAIN outerblock.
463	MESSAGE	Port status is passed as the second parameter.
464	MESSAGE	Port status is passed as the second parameter.
465	MESSAGE	Port status is passed as the second parameter.
500	MESSAGE	Management failed to post data from memory to disk.
	CAUSE	<b>DSM attempted to post 16 pages with the MAKE_ROC option after a sequential read. The exact conditions that caused an error to be returned are unknown to the DSM.</b>

501	MESSAGE	During a file open, the GUFID semaphore could not be initialized.
	CAUSE	<b>A call to CB_INIT returned bad status.</b>
502	MESSAGE	During a file open, the FLOCK semaphore could not be initialized.
	CAUSE	<b>A call to CM_INIT returned bad status.</b>
503	MESSAGE	During a file open, the FOPEN semaphore could not be initialized.
	CAUSE	<b>A call to CB_INIT returned bad status.</b>
504	MESSAGE	Prefetch of needed data for a READ/WRITE request could not be made.
	CAUSE	<b>VSM reported address or range given to be invalid or out of bounds.</b>
505	MESSAGE	Attempted to CLOSE a file which is not OPEN.
	CAUSE	<b>File system lock algorithm failed.</b>
506	MESSAGE	The procedure could not open the system library (the NL).
	CAUSE	<b>Boot image or LABEL TABLE is corrupted.</b>
	ACTION	<b>Take a system dump and reinstall if necessary.</b>
508	MESSAGE	CREATE_OBJECT failed to create the SM KSO.
509	MESSAGE	The procedure was unable to obtain the HASH TABLE lock.
	CAUSE	<b>CB_INIT returned bad status trying to initialize the UFID HASH TABLE semaphore; start image is bad.</b>
	ACTION	<b>Recreate the boot image. Take a system dump and call your support representative.</b>
511	MESSAGE	The procedure was unable to obtain the LRU lock.
	CAUSE	<b>CB_INIT returned bad status trying to initialize the LRV semaphore; start image is bad.</b>
	ACTION	<b>Recreate the boot image. Take a system dump and call your support representative.</b>
514	MESSAGE	A pascal recover block was entered unexpectedly.
	CAUSE	<b>Cause is usually associated with software or hardware traps which have been tripped because of invalid addresses, invalid access rights, or arithmetic underflow/overflow.</b>
551	MESSAGE	Offset of entry is not within the LABEL

		TABLE .
	CAUSE	<b>LABEL TABLE has been corrupted.</b>
552	MESSAGE	The entry referenced is not an extent block type.
	CAUSE	<b>LABEL TABLE has been corrupted.</b>
553	MESSAGE	Extent block does not point to the correct PARENT label.
	CAUSE	<b>LABEL TABLE has been corrupted.</b>
554	MESSAGE	Two file offsets in the extent block are the same.
	CAUSE	<b>LABEL TABLE has been corrupted.</b>
555	MESSAGE	An extent block that is expected to be a free entry is not free.
	CAUSE	<b>LABEL TABLE has been corrupted.</b>
556	MESSAGE	A POST of a LABEL TABLE entry failed.
	CAUSE	<b>MEMORY MANAGER failed to port a LABEL TABLE entry.</b>
	ACTION	<b>Reboot the system, and run FSCHECK to see if a reinstall of the system is necessary.</b>
557	MESSAGE	The number of EXTENTS in the block exceeds the maximum allowable.
	CAUSE	<b>LABEL TABLE has been corrupted.</b>
613	MESSAGE	The file system encountered a trap.
	CAUSE	<b>An operating system software error caused a trap.</b>
614	MESSAGE	The file system encountered an unexpected ESCAPE.
	CAUSE	<b>An internal operating system module called ESCAPE unexpectedly.</b>
615	MESSAGE	The file system was unable to release a resource.
	CAUSE	<b>Due to an operating system software error, the file system was not able to release one or more system resources.</b>
616	MESSAGE	An error was encountered while creating FILE SYSTEM GLOBAL AREA during file system initialization.
617	MESSAGE	An error was encountered while creating GPDP TABLE during file system initialization.
618	MESSAGE	An error was encountered while creating FILE



		OPEN COUNT TABLE during file system initialization.
619	MESSAGE	An error was encountered while creating BASIC IPC (BIPC) TIMER server ports during file system initialization.
620	MESSAGE	An error was encountered while initializing STORE/RESTORE LATENCY TABLE during file system initialization.
621	MESSAGE	An error occurred in the file system during process termination.
	CAUSE	<b>The file system detected an operating system software error while cleaning up file system data structures during process termination.</b>
650	MESSAGE	An internal STORAGE MANAGEMENT error was encountered while attempting to CLOSE (FCLOSE) a file.
	CAUSE	<b>Due to an operating system software error STORAGE MANAGEMENT was not able to CLOSE the file.</b>
651	MESSAGE	FCLOSE was not able to delete a file's access rights entry from the FILE ACCESS RIGHTS TABLE.
	CAUSE	<b>A file system error occurred during file OPEN or the FILE ACCESS RIGHTS TABLE has been corrupted.</b>
652	MESSAGE	An error was encountered while attempting to return an allocated GDPD to the free list while trying to CLOSE (FCLOSE) a file.
	CAUSE	<b>The GDPD TABLE has been corrupted.</b>
653	MESSAGE	The file system detected a counter underflow in a GUFD.
	CAUSE	<b>The GUFD has been corrupted.</b>
654	MESSAGE	The FILE ACCESS RIGHTS TABLE counters are inconsistent.
	CAUSE	<b>The FILE ACCESS RIGHTS TABLE has been corrupted.</b>
655	MESSAGE	The procedure can not decrement the PDISABLE count; it is unexpectedly zero.
656	MESSAGE	The CB was unlocked by a PIN different from the PIN that locked it.
657	MESSAGE	The VECTOR TABLE in the CB is corrupt.
658	MESSAGE	Failure in creating File IO State Tables
	CAUSE	<b>System failed to create one of the File IO State Tables</b>

		<b>during system initialization.</b>
	ACTION	<b>Contact your Hewlett-Packard Representative.</b>
659	MESSAGE	Failure in creating one of the local socket tables.
	CAUSE	<b>System failed to create one of the local socket tables during system initialization.</b>
	ACTION	<b>Contact your Hewlett-Packard Representative.</b>
700	MESSAGE	Various port primitive procedures have experienced an unexpected escape, probably due to a trap while in system code.
701	MESSAGE	The procedure REL_PORT_FREEZE_DESC can not release freeze descriptor entry; bad status from RELEASE_TABLE_ENTRY.
702	MESSAGE	The procedure RELEASE_PORT_OBJECT can not release port object; unexpected status from RELEASE_OBJECT.
703	MESSAGE	The procedure RETURN_PORT_DESC can not release port descriptor; bad status from RELEASE_TABLE_ENTRY.
704	MESSAGE	There are waiters on the demolished message pool.
705	MESSAGE	The procedure DEMOLISH_POOL can not delete the pool's directory entry from the port directory; bad status from STDELID.
706	MESSAGE	The procedure DEMOLISH_PORT can not access the delayed port purger process.
707	MESSAGE	The procedure DEMOLISH_PORT detected an error in deleting delayed messages.
708	MESSAGE	The procedure DEMOLISH_PORT can not send DEMOLISH message to PFP port.
709	MESSAGE	There are waiters on the demolished port.
710	MESSAGE	The procedures DEMOLISH_PORT, PFP_NAME_TO_PORT_NUM, and OPEN_PORT can not lock the port directory; bad status from STLOCK.
711	MESSAGE	The procedure DEMOLISH_PORT can not delete the port directory entry; bad status from STDELID.
712	MESSAGE	The procedures DEMOLISH_PORT and UNLOCK_DIRECTORY can not unlock the port directory; bad status from STUNLOCK.

713           MESSAGE        At process termination time (DEMOLISH\_PORT),  
                              an error from TABLE MANAGEMENT occurred when  
                              releasing the standard ports entry to the  
                              table.

714           MESSAGE        The procedure DELETE\_PORT\_BASE can not  
                              release the semaphore port; bad status from  
                              RECEIVE\_FROM\_SEMAPHORE\_PORT.

715           MESSAGE        The procedure DELETE\_PORT\_ACCESS is still  
                              holding the semaphore port after release.

716           MESSAGE        The procedure LOSE\_PORT can not flush waiting  
                              process from the specified wait queue of the  
                              semaphore port being purged; bad status from  
                              REPLY\_TO\_WAITER.

717           MESSAGE        The procedure CHANGE\_OWNERSHIP corrupted the  
                              port ownership list; port's ownership  
                              information inconsistent with PIB's.

718           MESSAGE        The procedure CHANGE\_OWNERSHIP detected a  
                              corrupted port ownership list; port's  
                              ownership information does not agree with  
                              PIB's.

719           MESSAGE        Various procedures caused an unexpected  
                              status from PREP\_PORT.

720           MESSAGE        The procedure DEC\_PFP\_COUNT detected an error  
                              accessing PFP upon CREATE\_PORT error; can not  
                              decrement PFP's use count.

721           MESSAGE        The procedure LOCATE\_PORT\_ENTRY can not read  
                              port directory entry; bad status from  
                              STREADKEY.

722           MESSAGE        The procedures FAST\_RELEASE\_MSG\_FRAME,  
                              SEND\_MSG,  
                              REL\_MSG\_FRAME, DO\_SERVER(SCHEDULE\_SERVER), and  
                              RELEASE\_FRAME cannot release message frame;  
                              bad status from RELEASE\_TABLE\_ENTRY.

723           MESSAGE        The procedures FAST\_CONTINUE\_SERVER\_IN\_PFP  
                              and FAST\_EXECUTE\_SERVER\_IN\_PFP can not send  
                              message to PFP port.

724           MESSAGE        There is a problem with the message frame in  
                              the GPO cache.

725           MESSAGE        The port's server caused an unexpected  
                              escape.

726           MESSAGE        The procedure INTERNAL\_SEND can not get  
                              message frame for internal send.

727	MESSAGE	The procedure INTERNAL_SEND can not send to internal facility port; bad status from SEND_MSG.
728	MESSAGE	The PORT FACILITY PROCESS is not available yet.
729	MESSAGE	The procedure DELAYED_AWAKE_PROCESS can not send the delayed awake message to PFP.
730	MESSAGE	The decrement of the port's total freeze count causes it to become negative.
731	MESSAGE	The port is already totally frozen, but partial freeze failed; no reason for this to happen.
732	MESSAGE	The procedure INITIATE_UNBLOCKED_MAKE_PRESENT (2) can not get message frame for make present port; bad status from GET_MSG_FRAME.
733	MESSAGE	The procedures INITIATE_UNBLOCKED_MAKE_PRESENT and PORT_MAKE_PRES can not cleanup the message on the make present port and give it back to the message pool; bad status from RETRIEVE_MSG.
734	MESSAGE	The procedure BLOCKED_MAKE_PRESENT can not get FREEZE reply from MEMORY MANAGER for MAKE_PRESENT; bad status from EXTEND_RECEIVE.
735	MESSAGE	The procedure BLOCKED_MAKE_PRESENT detected a bad FREEZE reply message from MEMORY MANAGER.
736	MESSAGE	The FREEZE count is zero; can not hold FREEZE since port is not totally frozen.
737	MESSAGE	The FREEZE count is zero; cannot release FREEZE because the port must be totally frozen when called.
738	MESSAGE	The procedure CHECK_PORT_DESCRIPTOR detected an unknown port type in the port descriptor.
739	MESSAGE	The procedure ENABLE_TIMEOUT can not alter the standard message port for time out; bad status from CHANGE_SUBQUEUE.
740	MESSAGE	The procedure ENABLE_TIMEOUT can not get timer for time out; bad status from GET_TIMER.
741	MESSAGE	The procedure DISABLE_TIMEOUT can not access the standard message port for time out; bad status from PORT_INFO.

742           MESSAGE        The procedure DISABLE\_TIMEOUT can not release timer; unexpected status from RELEASE\_TIMER.

743           MESSAGE        The timer has popped. Expected a reply message, but RECEIVE failed; bad status from EXTEND\_RECEIVE.

744           MESSAGE        The procedure INCREASE\_PROCESS\_PRIORITY can not hold or increase process's priority; bad status from NOTIFY\_DISPATCHER.

745           MESSAGE        The procedure BOOST\_SERVER\_PRIORITY can not boost server's priority; server's PIN is nil according to the SCB.

746           MESSAGE        The procedure DECREASE\_CALLERS\_PRIORITY can not decrease caller's priority; bad status from NOTIFY\_DISPATCHER.

747           MESSAGE        The procedure DROP\_SERVER\_PRIORITY can not drop server's priority because server has nil PIN.

748           MESSAGE        The caller wanted to WAIT, but can not WAIT while program is on the ICS.

749           MESSAGE        The procedure INTERRUPT\_TARGET\_PROCESS can not AWAKE process blocked on port WAIT; bad status from NOTIFY\_DISPATCHER.

750           MESSAGE        The system is trying to IMPEDE the process by waiting for the unimpede message on the impede subqueue of the process standard message port; SEND\_MSG failed.

751           MESSAGE        The system is trying to UNIMPEDE the process by sending a wakeup message to its standard message port, but SEND\_MSG failed.

752           MESSAGE        The procedure CLEAR\_WWS can not CLEAR the wake up waiting switch; bad status from PORT\_CONTROL.

753           MESSAGE        Unexpected status was received from IPC\_WAIT\_PROCESS.

754           MESSAGE        Unexpected status was received from IPC\_AWAKE\_PROCESS.

755           MESSAGE        The procedure DELAYED\_SEND can not perform the actual delayed send; bad status from EXTEND\_SEND or INSERT\_MSG.

756           MESSAGE        Received unexpected status from EXTEND\_RECEIVE while receiving the delayed purge message.

757 MESSAGE An unrecoverable error occurred during  
PORT\_PURGE\_PROCESS.

758 MESSAGE An error occurred while initializing PFP.

759 MESSAGE Bad status occurred from RECEIVE\_MSG in  
PORT\_FACILITY\_PROCESS.

760 MESSAGE Received an unexpected PFP message type.

761 MESSAGE Received bad status from internal operation.

762 MESSAGE Received message from an invalid subqueue on  
the MAKE PRESENT port.

763 MESSAGE Requested MEMORY MANAGEMENT to MAKE PRESENT a  
port entity; MEMORY MANAGEMENT'S reply  
indicates the MAKE PRESENT was unsuccessful.

764 MESSAGE Received unexpected message type in MAKE  
PRESENT message.

765 MESSAGE The procedure GET\_SHR\_OWNER\_ENTRY can not get  
free entry from the shared owner list pool;  
shared owner list exhausted.

766 MESSAGE The processes WAIT\_FOR\_RESOURCE and  
WAKE\_UP\_HEAD\_WAITER can not block process to  
wait for semaphore; bad status from  
NOTIFY\_DISPATCHER while blocking process.

767 MESSAGE Either the dispatcher or interrupts were  
disabled after awaking from a CB WAIT.

768 MESSAGE The owner of the semaphore being blocked is  
NIL\_PIN.

769 MESSAGE Various procedures caused the system to abort  
in an attempt to access unknown semaphore  
type.

770 MESSAGE The procedure GIVE\_TO\_NEXT\_WAITERS can not  
give ownership of the semaphore to waiter;  
bad status from NOTIFY\_DISPATCHER while  
unblocking process.

771 MESSAGE The procedures CB\_SHR\_LOCK and CB\_SHR\_UNLOCK  
caused a system abort because use of sharable  
lock while on ICS is not allowed.

772 MESSAGE The procedures CB\_SHR\_UNLOCK and CB\_FAILER  
caused a system abort because the caller is  
not the owner of the semaphore and can not  
unlock it.

773 MESSAGE The procedure CB\_FAILER caused a system abort  
because multiple lock of the standard  
semaphore is not allowed.

774           MESSAGE        The procedure CB\_FAILER resulted in an unconditional lock failing while on the ICS.

775           MESSAGE        The procedure CB\_FAILER detected an attempt to unlock an unowned semaphore.

776           MESSAGE        The procedure CB\_FAILER caused a system abort in an attempt to unlock an unowned semaphore on the ICS.

777           MESSAGE        The procedure CB\_FAILER caused a system abort because access of this semaphore type is not supported.

778           MESSAGE        The procedure CB\_FAILER caused a system abort because the semaphore access procedure is not allowed on the ICS.

779           MESSAGE        The procedure CB\_FAILER caused an unknown error while accessing the semaphore.

780           MESSAGE        The procedure SEM\_INIT resulted in bad status from CB\_INIT.

781           MESSAGE        The CM pseudo count is less than zero.

782           MESSAGE        The procedure CM\_PSDB\_CLEAR resulted in bug catcher, clearing PSDB count; not blocking on port WAIT.

783           MESSAGE        The procedure GET\_POOL\_ITEM can not access message pool table header; bad status from GET\_TABLE\_INFO.

784           MESSAGE        The procedure FLUSH\_SEM\_WAIT\_QUEUE can not flush all waiting processes from the semaphore's wait queue; bad status from REPLY\_TO\_WAITER.

785           MESSAGE        The procedure CREATE\_STD\_PFP\_PORTS caused an unexpected escape; creation of standard PFP port was unsuccessful.

786           MESSAGE        The procedure INIT\_RES\_PORT\_FACILITY can not initialize INTERRUPT or MAKE\_PRESENT semaphore for global port object.

787           MESSAGE        The procedure can not allocate port descriptor for the known global ports; bad status from MAKE\_GLOBAL\_DESC.

788           MESSAGE        Initialization of the resident port facility failed due to an unexpected escape from the procedure.

789           MESSAGE        The procedure can not create the port directory object; bad status received from

CREATE\_OBJECT.

790 MESSAGE The procedure can not create HPIMAGE port;  
bad status received from CREATE\_PORT.

791 MESSAGE The procedure INIT\_NONRES\_PORT\_FACILITY  
caused a system abort because initialization  
of a non-resident port facility failed,  
causing an unexpected escape from the  
procedure.

792 MESSAGE The procedure CREATE\_PORT\_PROCESS caused a  
system abort because creation of standard  
port process failed, causing an unexpected  
escape from the procedure.

793 MESSAGE The procedure INITIALIZE\_SEMAPHORES can not  
initialize CM PSDB semaphore.

794 MESSAGE The procedure INITIALIZE\_SEMAPHORES can not  
initialize the COMPARE and SWAP semaphore for  
the database.

795 MESSAGE The procedure INITIALIZE\_SEMAPHORES can not  
create the shared semaphore owner list.

796 MESSAGE The procedures CHECK\_PEND\_LEVEL and  
GET\_HIGHEST\_PEND\_LEVEL can not access the  
process interrupt port; bad status from  
PORT\_INFO.

797 MESSAGE The procedure DELETE\_INT\_MSG can not return  
the message frame to PI port's free pool; bad  
status from RETRIEVE\_MSG.

798 MESSAGE The procedure CHANGE\_INT\_LEVEL can not change  
the allowable process interrupt levels for  
this process; bad status from  
CHANGE\_SUBQUEUE.

799 MESSAGE Various procedures can not notify the  
dispatcher so that we will re-enter PI later;  
bad status from NOTIFY\_DISPATCHER.

800 MESSAGE The procedure GET\_INTERRUPT\_MSG can not  
obtain the next interrupt message, yet port  
is not empty; unexpected status from  
RETRIEVE\_MSG.

801 MESSAGE The procedure QUEUE\_INTERRUPT\_message can not  
queue interrupt message from the process'  
standard PI port; bad status from SEND\_MSG.

802 MESSAGE The procedure WAIT\_FOR\_ACTIVE\_PORT can not  
WAIT the process; bad status from  
NOTIFY\_DISPATCHER.



803           MESSAGE        The procedure DEQUEUE\_MSG caused a system abort in an attempt to take the message from an empty subqueue.

804           MESSAGE        The procedure OBTAIN\_MSG caused a system abort when trying to get the message from a non-message port.

805           MESSAGE        The procedure WAIT\_UP\_WAITER can not wake up the process that is waiting on this semaphore port.

806           MESSAGE        The procedure RECEIVE\_FROM\_SEMAPHORE\_PORT detected that the semaphore port's number of free messages is greater than the maximum number of messages.

807           MESSAGE        The procedure RECEIVE\_FROMSEMAPHORE\_PORT detected that the semaphore owner's queue is empty; semaphore is not on its owner's list.

808           MESSAGE        The procedure MOVE\_MSG detected an error in recover; unable to queue the message from back to its original position; unexpected escape from QUE\_MSG.

809           MESSAGE        The procedure GET\_HIGHEST\_PRIORITY\_PORT detected an unexpected interrupt server queue; can not find next eligible queued ICS port.

810           MESSAGE        The procedure SCHEDULE\_SERVER detected an error scheduling procedure server, causing an unexpected escape.

811           MESSAGE        The procedure WAKE\_UP\_PROCESS\_SERVER can not process interrupt the process server; bad status from CAUSE\_PROCESS\_INTERRUPT.

812           MESSAGE        The procedure WAKE\_UP\_PROCESS\_SERVER can not AWAKE the process server that is waiting for a message; bad status from NOTIFY\_DISPATCHER.

813           MESSAGE        The procedure RELEASE\_WAIT\_ENTRY can not return WAIT queue entry to the free list; bad status from RELEASE\_TABLE\_ENTRY.

814           MESSAGE        The procedure PUT\_WAIT\_QUEUE can not put calling process on the wait queue; illegal to do so while on the ICS.

815           MESSAGE        The procedures PUT\_WAIT\_QUEUE and REPLY\_TO\_WAITER detect that the wait queue's semaphore must be locked by the caller upon entry of this procedure.

816 MESSAGE The procedure PUT\_WAIT\_QUEUE can not get a free wait queue entry; bad status from GET\_TABLE ENTRY.

817 MESSAGE The procedure WAIT\_FOR\_RESOURCE detected that interrupts are disabled when trying to block the process for a control block.

818 MESSAGE The procedure WAIT\_FOR\_ACTIVE\_PORT detected that interrupts are disabled when trying to block a process on the port wait.

819 MESSAGE The procedure WAIT\_FOR\_ACTIVE\_PORT detected that either the dispatcher was disabled, or interrupts are off when awoken from an IPC WAIT.

820 MESSAGE Various procedures are either returning a port description that is already free, obtaining a port description that has already been assigned, or accessing a port or port description pointer.

821 MESSAGE Calling CB\_SHR\_LOCK or CB\_SHR\_UNLOCK, but the lock type is not valid.

822 MESSAGE An attempt was made to perform a CM\_PENABLE when the CM\_PSDB semaphore was not owned by any process.

823 MESSAGE An attempt was made to perform a CM\_PENABLE when the CM\_PSDB semaphore was owned by another process.

824 MESSAGE An attempt was made to perform a CM\_PDISABLE, but the count overflowed. The process has locked the CM\_PSDB semaphore too many times (it is a 16-bit counter).

825 MESSAGE Unknown error while accessing CM\_PSDB semaphore.

900 MESSAGE The CREATE of the HLIO SANCTUM failed.  
CAUSE **HLIO SANCTUM could not be created.**

901 MESSAGE The CREATE of the COMPATIBILITY MODE I/O queue failed.  
CAUSE **COMPATIBILITY MODE I/O queue could not be created.**

902 MESSAGE The CREATE of the COMPATIBILITY MODE I/O STATE TABLE failed.  
CAUSE **COMPATIBILITY MODE I/O STATE TABLE could not be created.**

903 MESSAGE The CREATE of the LOGICAL PATH TABLE failed.

	CAUSE	<b>The LOGICAL PATH TABLE could not be created.</b>
904	MESSAGE	The CREATE of the DATA CHAIN TABLE failed.
	CAUSE	<b>The DATA CHAIN TABLE could not be created.</b>
905	MESSAGE	The CREATE of the TERMINAL BUFFER TABLE failed.
	CAUSE	<b>The TERMINAL BUFFER TABLE could not be created.</b>
906	MESSAGE	The CREATE of the I/O QUEUE TABLE failed.
	CAUSE	<b>The I/O QUEUE TABLE could not be created.</b>
907	MESSAGE	The CREATE of the SERIAL WRITE TABLE failed.
	CAUSE	<b>The SERIAL WRITE TABLE could not be created.</b>
908	MESSAGE	The CREATE of the DISC MESSAGE POOL failed.
	CAUSE	<b>The DISC MESSAGE POOL could not be created.</b>
909	MESSAGE	The CREATE of the DEVICE MESSAGE POOL failed.
	CAUSE	<b>The DEVICE MESSAGE POOL could not be created.</b>
910	MESSAGE	The CREATE of the disk FILL OBJECTS failed.
	CAUSE	<b>The disk FILL OBJECTS could not be created.</b>
911	MESSAGE	The CREATE of the HLIO SURROGATES failed.
	CAUSE	<b>The HLIO SURROGATES could not be created.</b>
915	MESSAGE	The function received was not implemented by this logical device manager.
	CAUSE	<b>This logical device manager did not implement the received function.</b>
920	MESSAGE	The SERIAL WRITE MANAGER had an error in the SEND to the I/O COMPLETION port.
	CAUSE	<b>A SEND to the I/O COMPLETION port caused an error to SERIAL WRITE MANAGER."</b>
921	MESSAGE	The SERIAL WRITE MANAGER received an invalid LDEV.
	CAUSE	<b>An invalid LDEV was passed to the SERIAL WRITE MANAGER.</b>
922	MESSAGE	The SERIAL WRITE MANAGER had an error in returning the SERIAL QUEUE entry.
	CAUSE	<b>Returning the SERIAL QUEUE entry caused an error to the SERIAL WRITE MANAGER."</b>
923	MESSAGE	The SERIAL WRITE MANAGER could not start the request because of an error.
	CAUSE	<b>The request in SERIAL WRITE MANAGER could not be</b>

		<b>started.</b>
924	MESSAGE	The serial queue is in the wrong state for the operation requested.
	CAUSE	<b>Wrong state for requested operation.</b>
925	MESSAGE	SENDMMIO must be passed to the request at the head of the list.
	CAUSE	<b>SENDMMIO was not passed to the request at the head of the list.</b>
926	MESSAGE	The SERIAL WRITE MANAGER received an unknown message.
	CAUSE	<b>An unknown message was passed to the SERIAL WRITE MANAGER.</b>
930	MESSAGE	The MEMORY MANAGER surrogate HASH TABLE is full.
	CAUSE	<b>Surrogate HASH TABLE in MEMORY MANAGER is full.</b>
931	MESSAGE	The MEMORY MANAGER surrogate received a completion for an unknown RID.
	CAUSE	<b>Completion received in MEMORY MANAGER for an unknown RID.</b>
932	MESSAGE	The MEMORY MANAGER surrogate swap in FAILED.IN
933	MESSAGE	The MEMORY MANAGER surrogate could not send the completion message to the LDM.
	CAUSE	<b>Completion message not sent by the MEMORY MANAGER surrogate to the LDM.</b>
934	MESSAGE	The MEMORY MANAGER surrogate received an unknown message.
	CAUSE	<b>An unknown message was sent to the MEMORY MANAGER surrogate.</b>
935	MESSAGE	The MEMORY MANAGER surrogate received an error from MAKE_PRESENT_IO_BUFFER.
	CAUSE	<b>MAKE_PRESENT_IO_BUFFER sent an error to the MEMORY MANAGER surrogate."</b>
940	MESSAGE	An error occurred, and HLIO's normal error recovery was not enabled.
	CAUSE	<b>HLIO's normal error recovery was not enabled when an error occurred.</b>
1001	MESSAGE	The MEMORY MANAGER initialization module was unable to allocate a table entry from an object.

1002           MESSAGE       The MEMORY MANAGER initialization module was  
                              unable to retrieve a table entry which should  
                              be in the table's free list.

1003           MESSAGE       GET\_TABLE\_INFO returned a bad status to the  
                              MEMORY MANAGER initialization module when the  
                              latter tried to access the PDIR.

1004           MESSAGE       The MEMORY MANAGER initialization module  
                              received a bad status from an attempt to  
                              validate a resident object's access rights.

1005           MESSAGE       The MEMORY MANAGER initialization module was  
                              unable to create a required table.

1006           MESSAGE       The initialization module was unable to  
                              create the nonresident objects required  
                              by the MEMORY MANAGER.

1007           MESSAGE       The MEMORY MANAGER was unable to create the  
                              page filler process.

1008           MESSAGE       The MEMORY MANAGER was unable to activate the  
                              page filler process.

1009           MESSAGE       The MEMORY MANAGER I/O INFORMATION TABLE was  
                              out of entries.

1010           MESSAGE       The MEMORY MANAGER alias operation  
                              encountered a bad status while trying to  
                              access the I/O notification queue.

1011           MESSAGE       The MEMORY MANAGER alias operation  
                              encountered a bad status while trying to  
                              access the I/O notification queue.

1012           MESSAGE       The MEMORY MANAGER was unable to set  
                              TRANSACTION MANAGEMENT post attributes  
                              correctly.

1013           MESSAGE       The MEMORY MANAGEMENT semaphore for this  
                              physical page is already locked. This should  
                              not occur in a uni-processor environment.

1014           MESSAGE       An attempt was made to set TRANSACTION  
                              MANAGEMENT FREEZE attributes on a virtual  
                              page which was not frozen in memory.

1015           MESSAGE       The I/O completion port was the wrong port  
                              for this process.

1016           MESSAGE       The MEMORY MANAGER detected an error when it  
                              attempted to send a message to the  
                              DISPATCHER.

1017           MESSAGE       The MEMORY MANAGER detected an error when it  
                              attempted to call NOTIFY\_DISPATCHER from

MAKE\_IO\_BUFFER\_PRESENT.

1018 MESSAGE The MEMORY MANAGER was unable to update a physical page's NO POST count.

1019 MESSAGE The MEMORY MANAGER was unable to access the I/O notification port.

1020 MESSAGE The MEMORY MANAGER encountered an error while trying to send a FETCH message to the DISPATCHER.

1021 MESSAGE NOTIFY\_DISPATCHER returned a bad status to SYSTEM\_FETCH\_REQUEST.

1022 MESSAGE An attempt was made to UNFREEZE a virtual page which was not mapped into physical memory.

1023 MESSAGE The MEMORY MANAGER was unable to access the I/O notification port.

1024 MESSAGE The MEMORY MANAGER was unable to WRITE pages out to disk which had been locked in the VPN cache.

1025 MESSAGE The MEMORY MANAGER was unable to access the I/O notification port.

1026 MESSAGE The MEMORY MANAGER was unable to access the I/O notification port.

1027 MESSAGE The MEMORY MANAGER was unable to access the I/O notification port.

1028 MESSAGE The MEMORY MANAGER was unable to access the I/O notification port.

1029 MESSAGE The MEMORY MANAGER was unable to access the I/O notification port.

1030 MESSAGE An attempt was made to FREEZE an invalid virtual address.

1031 MESSAGE An attempt was made to FREEZE an invalid virtual address.

1032 MESSAGE The MEMORY MANAGER was unable to access the I/O notification port.

1033 MESSAGE The MEMORY MANAGER LOCALITY LIST TABLE was out of entries.

1034 MESSAGE The locality list is not empty after all entries were supposed to have been deleted from the list.

1035 MESSAGE Some virtual pages which were to be removed from the locality list do not all fall within

the range of an individual locality list entry.

1036 MESSAGE A process is currently accessing a page of an object which is being deleted.

1037 MESSAGE The MEMORY MANAGER was unable to get an entry from the LOCALITY LIST TABLE.

1038 MESSAGE The MEMORY MANAGER was unable to get an entry from the LOCALITY LIST TABLE.

1039 MESSAGE The MEMORY MANAGER is attempting to delete an entry from the locality list which still needs to be swapped in.

1040 MESSAGE The MEMORY MANAGER could not find the specified locality entry in the locality list.

1041 MESSAGE The MEMORY MANAGER could not find the specified locality entry in the locality list.

1042 MESSAGE The MEMORY MANAGER allows prefetching on only one range of pages.

1043 MESSAGE The process's locality list contains more than the maximum number of entries.

1044 MESSAGE The process's locality list contains more than the maximum number of entries.

1045 MESSAGE The MEMORY MANAGER was unable to send a message to the logical device manager port while trying to complete swapping in the page.

1046 MESSAGE The MEMORY MANAGER encountered low level I/O errors while trying to swap in a page.

1047 MESSAGE The MEMORY MANAGER encountered a page fault while interrupts were disabled.

1048 MESSAGE The MEMORY MANAGER encountered a data page fault while the DISPATCHER was disabled.

1049 MESSAGE The MEMORY MANAGER encountered a code page fault while the DISPATCHER was disabled.

1050 MESSAGE The MEMORY MANAGER encountered a page fault on the ICS.

1051 MESSAGE This system failure is only used for internal debugging and should not be seen in the field.

1052 MESSAGE The MEMORY MANAGER can not allocate the

header entry for the I/O notification queue, despite the fact that the process could be impeded for resources.

1055 MESSAGE The MEMORY MANAGER can not allocate the header entry for the I/O INFO queue, despite the fact that the process could be impeded for resources.

1058 MESSAGE The MEMORY MANAGER can not SETUP the header entry for the I/O request queue, despite the fact that the process could be impeded for resources.

1060 MESSAGE The MEMORY MANAGER has been requested to cancel a user WRITE; this is not permitted.

1061 MESSAGE The MEMORY MANAGER has been requested to cancel a user WRITE; this is not permitted.

1062 MESSAGE The MEMORY MANAGER was unable to send a message to the I/O completion port.

1063 MESSAGE An I/O request, upon which other requests are dependent, has a bad status.

1064 MESSAGE A bad status was returned from an attempt to POST a page out to the disk.

1065 MESSAGE An attempt was made to FREEZE a page which was not mapped into physical memory.

1066 MESSAGE The MIB's last quad link in the MIB is corrupt.

1067 MESSAGE An attempt to set up an I/O request entry failed.

1068 MESSAGE An attempt to ADD an entry to a READ I/O notification queue failed.

1069 MESSAGE An attempt to ADD an entry to a WRITE I/O notification queue failed.

1070 MESSAGE An attempt to SEND a message to an I/O completion port failed.

1072 MESSAGE An attempt to ADD an entry to a READ I/O notification queue failed.

1073 MESSAGE The MEMORY MANAGER is trying to initiate the READ of a virtual page before the page can be brought into memory.

1074 MESSAGE An attempt to initiate a READ from virtual memory failed.

1075 MESSAGE An attempt to initiate a READ from virtual



memory failed.

1076 MESSAGE The MEMORY MANAGER semaphore for this page is already locked.

1098 MESSAGE An unknown status was returned from SET\_UP\_READ.

1099 MESSAGE The MEMORY MANAGER was unable to RESERVE a physical page while trying to FETCH a virtual page.

1100 MESSAGE The MEMORY I/O COMPLETION PORT SERVER was unable to SEND a message in order to invoke the page READ or page WRITE completor.

1101 MESSAGE An error occurred while low-level I/O attempted to READ a NATIVE MODE stack page in from secondary storage.

1102 MESSAGE An error occurred while low-level I/O attempted to WRITE a NATIVE MODE stack page out to secondary storage.

1103 MESSAGE The MEMORY MANAGER detected an error when trying to POST a page out to the disk.

1104 MESSAGE The MEMORY MANAGER was unable to allocate an I/O INFO entry.

1105 MESSAGE The MEMORY MANAGER was unable to allocate an I/O notification queue entry.

1106 MESSAGE The MEMORY MANAGER detected an error while trying to set up an I/O request entry.

1107 MESSAGE An error was detected while trying to POST a MIB to a secondary storage.

1108 MESSAGE A virtual page whose post must be POSTPONED is already on its way to disk.

1109 MESSAGE The MEMORY MANAGER received an error when it attempted to RECEIVE from its I/O notification port.

1110 MESSAGE The MEMORY MANAGER tried to DELETE an entry from the PDIR which was not found in the HASH TABLE chains.

1111 MESSAGE The MEMORY MANAGER was unable to CREATE one of its required ports.

1112 MESSAGE The MEMORY MANAGER detected an error while scanning the PDIRX for recently unreferenced pages.

1113 MESSAGE The MEMORY MANAGER was unable to FIND a block

of contiguous physical memory.

1114           MESSAGE       The MEMORY MANAGER detected an error while scanning the PDIRX for recently unreferenced pages.

1115           MESSAGE       The MEMORY MANAGER detected an error while trying to set up an I/O request entry.

1116           MESSAGE       The MEMORY MANAGER detected an error while trying to identify a block of contiguous physical pages.

1117           MESSAGE       The MEMORY MANAGER was not able to GET a MIB for this request.

1118           MESSAGE       The MEMORY MANAGER detected an error while trying to kick out a block of contiguous physical pages.

1119           MESSAGE       The MEMORY MANAGER was unable to add an entry to the I/O notification queue.

1120           MESSAGE       A block of contiguous physical memory was requested for virtual pages which were not virgin.

1121           MESSAGE       The MEMORY MANAGER was unable to allocate an I/O notification queue entry.

1122           MESSAGE       The MEMORY MANAGER was unable to set up an I/O INFO entry.

1123           MESSAGE       The MEMORY MANAGER received an error when writing a page to secondary storage.

1124           MESSAGE       The MEMORY MANAGER received an error when it attempted to RECEIVE from its I/O notification port.

1125           MESSAGE       A block of physical pages which the MEMORY MANAGER tried to make memory-resident contained a page which was not present.

1126           MESSAGE       The critical PAGE POOL is empty.

1127           MESSAGE       The MEMORY MANAGER was unable to REPLENISH the critical PAGE POOL.

1128           MESSAGE       The MEMORY MANAGER received an error when it attempted to RECEIVE from its I/O notification port.

1129           MESSAGE       The MEMORY MANAGER could not find a memory-resident PAGE entry in the PDIRX.

1130           MESSAGE       The MEMORY MANAGER could not find a memory-resident PAGE entry in the PDIRX.

1131           MESSAGE       The MEMORY MANAGER was unable to get a PDIR  
                                  entry from TABLE MANAGEMENT.

1132           MESSAGE       Inserting an entry at the head of a chain in  
                                  the KO HASH TABLE is the only supported  
                                  method.

1133           MESSAGE       Inserting an entry at the head of a chain in  
                                  the PSEUDO PRESENT HASH TABLE is the only  
                                  supported method.

1134           MESSAGE       The MEMORY MANAGER was unable to lock the  
                                  PDIRX when attempting to CHANGE a page to a  
                                  recoverable overlay candidate.

1135           MESSAGE       A user-requested WRITE is in progress on a  
                                  stack page above SP.

1136           MESSAGE       An error was detected while trying to send a  
                                  message to the MEMORY MANAGER PAGE filler  
                                  port.

1137           MESSAGE       The MEMORY MANAGER detected an error while  
                                  trying to get a clean page to add to the  
                                  filled page pool.

1138           MESSAGE       An error was detected whie trying to RECEIVE  
                                  a message from the MEMORY MANAGER PAGE filler  
                                  port.

1139           MESSAGE       The MEMORY MANAGER was unable to LOCK to  
                                  PDIRX.

1140           MESSAGE       The MEMORY MANAGER detected an error while  
                                  attempting to WRITE pages to  
                                  secondary storage.

1141           MESSAGE       The MEMORY MANAGER can not find a page which  
                                  has not been referenced since the last  
                                  traverse of physical memory.

1142           MESSAGE       The MEMORY MANAGER was unable to LOCK the  
                                  PDIRX.

1143           MESSAGE       The MEMORY MANAGER was unable to LOCK the  
                                  PDIRX.

1144           MESSAGE       The MEMORY MANAGER encountered a STACK  
                                  OVERFLOW while trying to handle a STACK  
                                  OVERFLOW condition.

1145           MESSAGE       The MEMORY MANAGER was unable to ADD a page  
                                  to a process's minimum locality.

1146           MESSAGE       The MEMORY MANAGER detected an error while  
                                  trying to get PLABEL information about a  
                                  system entry point.

1147 MESSAGE The MEMORY MANAGER was unable to CREATE an object in the safe stack.

1148 MESSAGE The MEMORY MANAGER was unable to lock an object in the safe stack.

1149 MESSAGE The MEMORY MANAGER attempted to MAP in a VIRGIN page which was already in the process of being mapped in from secondary storage.

1150 MESSAGE The TOS of STACK POINTER (SP) is not word-aligned.

1151 MESSAGE The MEMORY MANAGER was unable to FREEZE pages in the SAFE stack.

1152 MESSAGE The MEMORY MANAGER was unable to release an object from the SAFE stack.

1153 MESSAGE A PAGE fault which was no a TOS trap occurred while interrupts were disabled.

1154 MESSAGE A PAGE fault occurred while the DISABLED TOS trap count was nonzero.

1156 MESSAGE The MEMORY MANAGER was unable to get an entry from the GREY PAGE TABLE.

1157 MESSAGE The physical PAGE POOL used for mapping in TOS pages was empty.

1158 MESSAGE The MEMORY MANAGER was unable to get an entry from the GREY PAGE TABLE.

1159 MESSAGE A virtual page which should have been frozen in memory was found to be absent.

1160 MESSAGE The MEMORY MANAGER was unable to LOCK a portion of the process stack in the VPN cache.

1161 MESSAGE The MEMORY MANAGER was unable to get a valid PLABEL from the loader.

1163 MESSAGE FETCH pages could not obtain the resources that it needs.

1164 MESSAGE FETCH PAGES out of service clean up has detected an inconsistency.

1165 MESSAGE An attempt was made to FREEZE a virtual page which was not mapped into physical memory.

1166 MESSAGE An attempt was made to UNFREEZE a virtual page which was not mapped into physical memory.

1167 MESSAGE The MEMORY MANAGER either was given a bad locality list entry number, or found a bad

entry in the locality list.

1168 MESSAGE The MEMORY MANAGER's semaphore for this page is already locked. This should not occur in a uni-processor environment.

1169 MESSAGE A frozen page is absent.

1170 MESSAGE A frozen page is absent.

1171 MESSAGE An uninitialized semaphore is used in a lock request.

1172 MESSAGE An attempt was made to lock the stack below the currently locked area.

1174 MESSAGE We were asked to map in a page for a page that was present.

1175 MESSAGE If we force a KO page absent, it should have a present version.

1176 MESSAGE An error was detected in changing from VPS to KO.

1177 MESSAGE The PDIRX entry could not be locked.

1178 MESSAGE SEND MESSAGE failed in background posts.

1179 MESSAGE A bug occurred in stale page bug catcher.

1180 MESSAGE Page VP state detected in CHANGE VPS STATE.

1181 MESSAGE MM\_TT\_ZERO\_VALUED\_FIRST\_INTERRUPT\_MKR for MEMORY MANAGER.

CAUSE **First CM interrupt marker in TCB is set to zero.**

1187 MESSAGE di\_mm\_alloc received bad status from send\_io.

1188 MESSAGE di\_mm\_alloc received bad status from extend\_receive.

1190 MESSAGE The unsupported procedure alias\_vp was called.

1193 MESSAGE psuedo\_map io attempted on a swappable or non-present page.

1197 MESSAGE Bad status returned from reserve\_page\_for\_gp\_use.

1199 MESSAGE Bad status returned from notify\_dispatcher while doing pseudo mapped io.

1200 MESSAGE Bad completion status while doing pseudo mapped io.

1201 MESSAGE A ko\_ipdir or an imi\_ipdir entry has a bad virtual address.

1203 MESSAGE Could not change the state of a page.

1204 MESSAGE page in the page deallocation table with a double

		bit error could not be put on the unuseable_list.
1205	MESSAGE	Some critical code locations could not be modified.
1206	MESSAGE	A call to pdc_model to get processor version information failed.
1207	MESSAGE	pdc would occupy greater than 4 mb in memory.
1208	MESSAGE	The black hole page is in high memory, > 4gb.
1209	MESSAGE	Bad data received from pdc_pat_mem.
1210	MESSAGE	build_mm_osinfo received bad status from allocate_osinfo_entry.
1300	MESSAGE	The procedure CREATE_PROCESS_SWITCH_OBJ is unable to create process SWITCH OBJECT.
	CAUSE	<b>Unable to create an object for the CM procedure name to the label table.</b>
1301	MESSAGE	The procedure CREATE_PROCESS_SWITCH_OBJ is unable to create HASH TABLE.
	CAUSE	<b>Unable to create the CM procedure name to the label table.</b>
1302	MESSAGE	The procedure ALLOCATE_CM_PROCEDURE received bad status from SWITCH_TO_CM.
	CAUSE	<b>SWITCH_TO_CM could not call LOADPROC.</b>
1303	MESSAGE	The procedure DEALLOCATE_CM_PROCEDURE received bad status from SWITCH_TO_CM.
	CAUSE	<b>SWITCH_TO_CM could not call UNLAODPROC.</b>
1304	MESSAGE	The procedure DELETE_SCM_HASH_ENTRY failed to find entry.
	CAUSE	<b>Could not find a name in the CM procedure name to label table.</b>
1305	MESSAGE	The procedure DELETE_SCM_HASH_ENTRY received bad status from RELEASE_TABLE_ENTRY.
	CAUSE	<b>A table management error occured while releasing a table entry in the CM procedure to the label table.</b>
1306	MESSAGE	The procedure GET_PROCESS_SCM_PLABEL received bad status from RELEASE_TABLE_ENTRY.
	CAUSE	<b>A table management error occured while releasing a table entry in the CM procedure name to the label table.</b>
1307	MESSAGE	The procedure SWITCH_TO_CM received bad status from RELDATSEG.
	CAUSE	<b>Unable to release a data segment previously created in</b>

<b>SWITCH_TO_CM.</b>		
1320	MESSAGE	TIMER entry had an illegal state.
1321	MESSAGE	The current process had no standard signal port.
	CAUSE	<b>GET_TIMEREQ: get_global_port_num returned no number for the standard signal port.</b>
1322	MESSAGE	An invalid code was received from compatibility TIMEREQ.
	CAUSE	<b>GET_TIMEREQ: invalid timer code parameter received.</b>
1323	MESSAGE	Bad TABLE MANAGEMENT status was received when the timer entry was released.
1324	MESSAGE	The current process had no standard signal port.
	CAUSE	<b>PROC_PAUSE: get_global_port_num returned no number for the standard signal port.</b>
1325	MESSAGE	The procedure INITIALIZE_TIMERS failed to create TIMER ENTRY TABLE.
	CAUSE	<b>The call to create_table failed.</b>
1326	MESSAGE	The procedure INITIALIZE_TIMERS failed to create TIMER global area.
	CAUSE	<b>The call to create_object failed.</b>
1327	MESSAGE	PDC TOD read failed.
	CAUSE	<b>PDC_TIME: call to get_pdc_tod failed.</b>
1328	MESSAGE	PDC TOD write failed.
	CAUSE	<b>SET_PDC_TIME: call to pdc_access_4 failed.</b>
1329	MESSAGE	Can not read PDC TOD calib.
	CAUSE	<b>PDC_TIMER_CAL: call to get_pdc_timer failed.</b>
1330	MESSAGE	Can not read PDC TOD calib.
	CAUSE	<b>PDC_TIMER_ACC: call to get_pdc_timer failed.</b>
1331	MESSAGE	CLOCK_SYNC WRITE failed.
	CAUSE	<b>SYBC_CLOCKS: call to set_pdc_timer failed.</b>
1332	MESSAGE	The procedure failed to create port for clock sync.
	CAUSE	<b>INIT_HARDWARE_CLOCK_UPDATES: call to create_port failed.</b>
1333	MESSAGE	The procedure failed to get TIMER for clock sync.

	CAUSE	<b>INIT_HARDWARE_CLOCK_UPDATES: call to get_timer failed.</b>
1334	MESSAGE	Clock failed to notify a port of a clock interrupt.
	CAUSE	<b>TIMER_INTERRUPT_HANDLER: call to send_msg failed and the system was not in the shutdown state.</b>
1335	MESSAGE	An attempt was made to release timer entry zero.
	CAUSE	<b>RELEASE_TIMER: timer entry zero was received as an input parameter.</b>
1340	MESSAGE	A high priority machine check occurred.
1341	MESSAGE	A low priority machine check occurred.
1342	MESSAGE	ILLEGAL INSTRUCTION TRAP occurred while on the INTERRUPT CONTROL STACK (ICS).
1343	MESSAGE	ILLEGAL INSTRUCTION TRAP occurred while on the INTERRUPT CONTROL STACK (ICS).
1344	MESSAGE	A BREAK instruction occurred on the INTERRUPT CONTROL STACK (ICS).
1345	MESSAGE	PRIVILEGED OPERATION TRAP occurred while on the INTERRUPT CONTROL STACK (ICS).
1346	MESSAGE	PRIVILEGED REGISTER TRAP occurred while on the INTERRUPT CONTROL STACK (ICS).
1347	MESSAGE	OVERFLOW TRAP occurred while on the INTERRUPT CONTROL STACK (ICS).
1348	MESSAGE	CONDITIONAL TRAP occurred while on the INTERRUPT CONTROL STACK (ICS).
1349	MESSAGE	ASSIST EXCEPTION TRAP occurred while on the INTERRUPT CONTROL STACK (ICS).
1350	MESSAGE	DATA MEMORY PROTECTION TRAP occurred while on the INTERRUPT CONTROL STACK (ICS).
1351	MESSAGE	CM STACK OVERFLOW procedure occurred while DISABLED OR PDISABLED.
1352	MESSAGE	CM STACK OVERFLOW occurred while handling CM STACK OVERFLOW.
1353	MESSAGE	CM STACK OVERFLOW failed to change break range.
1355	MESSAGE	ASSIST EMULATION TRAP occurred while on the INTERRUPT CONTROL STACK (ICS).
1356	MESSAGE	HIGH PRIVILEGE TRANSFER TRAP occurred while on the INTERRUPT CONTROL STACK (ICS).



1357	MESSAGE	LOW PRIVILEGE TRANSFER TRAP occurred while on the INTERRUPT CONTROL STACK (ICS).
1358	MESSAGE	TAKEN BRANCH TRAP occurred while on the INTERRUPT CONTROL STACK (ICS).
1360	MESSAGE	CREATE_TABLE failed.
	CAUSE	<b>CREATE_MIB: bad status from create_table.</b>
1361	MESSAGE	One or more parameters are bad.
	ACTION	<b>Check for correct options before calling get_short_int_entry.</b>
1362	MESSAGE	Bad MIB address.
	ACTION	<b>Check that mib_state is allocated_mib before calling rel_short_int_entry.</b>
1365	MESSAGE	Bad status returned for GET_TABLE entry.
1366	MESSAGE	Bad status returned from FAST_RELEASE_TABLE_ENTRY.
	CAUSE	<b>REL_SHORT_INT_ENTRY: bad status from tbl_fast_release_table_entry.</b>
1367	MESSAGE	Bad status returned from FAST_RELEASE_TABLE ENTRY.
	CAUSE	<b>REL_LONG_INT_ENTRY: bad status from release_table_entry.</b>
1380	MESSAGE	External interrupt handler failed to initialize its EXTERNAL INTERRUPT TABLE (EXT_INT_TABLE).
	CAUSE	<b>There is a problem with VSM in CREATE_OBJECT interface.</b>
1401	MESSAGE	Can not send interrupt message to the system.
	CAUSE	<b>SEND MESSAGE failure.</b>
1410	MESSAGE	Could not create the system logging globals area.
	CAUSE	<b>LOG process could not successfully create the system logging global object.</b>
1411	MESSAGE	The procedure could not get standard message port for the system logging process.
	CAUSE	<b>LOG process could not get standard message port.</b>
1412	MESSAGE	The current system log file and its label are inconsistent.
	CAUSE	<b>When LOG process tries to post a block to the current system log file, it finds that the log file is not consistent</b>

with its label.

1421	MESSAGE	Internal table pool resource is corrupted.
1422	MESSAGE	Internal table entry link is corrupted in the procedure REL_LONG_MIB_ENTRY.
1423	MESSAGE	Internal table entry link is corrupted in the procedure REL_SHORT_MIB_ENTRY.
1451	MESSAGE	A process is executing the procedure PM_CLEANUP other than the process MANAGEMENT_CLEANUP process.
1452	MESSAGE	After the system has completed its boot up, an attempt to make selected system process stacks swappable failed.
1453	MESSAGE	After the system has completed its boot up, an attempt to lock the system processes stacks in the VPN cache failed.
1454	MESSAGE	During system boot, an attempt to create the CLEANUP process failed.
1455	MESSAGE	A process holding a SIR has been terminated.
1456	MESSAGE	The trap handling procedure encountered a trap while processing a trap.
1457	MESSAGE	A system process is being terminated due to a trap.
1458	MESSAGE	A critical process is being terminated due to a trap.
1459	MESSAGE	A trap occurred on a process whose state is not ALIVE.
1460	MESSAGE	We are terminating a process whose state is not ALIVE.
1461	MESSAGE	We continued to execute in TERMINATE_PROCESS after giving up the CPU.
1462	MESSAGE	While the system is booting, we were unable to obtain a pointer to the PCB TABLE (CONVERT_DST).
1463	MESSAGE	While the system was booting, we were unable to initialize the port for the BOOT process (SETUP_PORTS).
1464	MESSAGE	While the system was booting, a release object failed on the temporary PIB for the BOOT process (RELEASE_OBJECT).
1465	MESSAGE	While the system was booting, we were unable to allocate a process ID for the BOOT process

(ALLOCATE\_PID).

1466           MESSAGE       While the system was booting, we were unable  
                                  to schedule the BOOT process for execution  
                                  (NOTIFY\_DISPATCHER).

1467           MESSAGE       While the system was booting, we were unable  
                                  to allocate space in BANK 0 for the PCB TABLE  
                                  (ALLOC\_B0\_SUB\_OBJECT).

1468           MESSAGE       While the system was booting, we were unable  
                                  to get a long pointer to the PCB TABLE  
                                  (CONVERT\_DST).

1469           MESSAGE       While the system was booting, we were unable  
                                  to create the PCB TABLE within the PCB  
                                  SUB-OBJECT (CREATE\_TABLE).

1470           MESSAGE       While the system was booting, we were unable  
                                  to CREATE the PIB TABLE.

1471           MESSAGE       While the system was booting, we were unable  
                                  to allocate a data segment for the  
                                  PROCESS/JOB CROSS REFERENCE TABLE  
                                  (ALLOCATE\_DST).

1472           MESSAGE       While the system was booting, we were unable  
                                  to obtain a pointer for the PROCESS/JOB CROSS  
                                  REFERENCE TABLE (CONVERT\_DST).

1473           MESSAGE       While the system was booting, we were unable  
                                  to create the PROCESS ID LIST (CREATE\_TABLE).

1474           MESSAGE       While the system was booting, we were unable  
                                  to create the PROTECT ID LIST (CREATE\_TABLE).



# **5 Volume II Chapter 4**

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## System Aborts

### (Subsystem 98)

System Abort messages are issued when the MPE/iX system encounters an error from which recovery is not possible. Rather than continue to operate and risk data integrity, the operating system halts the computer. This chapter presents a list of system abort messages in numerical order.

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**NOTE** Unless otherwise indicated, the probable cause of an abort is an internal error, and the action you should take is to take a system dump, call your HP support representative, and reboot your system.

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1475	MESSAGE	While the system was booting, we were unable to create a virtual space domain for the temporary PIB and PIBX TABLES (CREATE_VIRTUAL_SPACE_DOMAIN).
1476	MESSAGE	While the system was booting, we were unable to create a temporary PIB TABLE (CREATE_OBJECT).
1477	MESSAGE	While the system was booting, we were unable to create a temporary PIBX TABLE (CREATE_TABLE).
1478	MESSAGE	While the system was booting, we were unable to build PROGENS CM STACK (BUILD_CM_STACK).
1479	MESSAGE	While the program was booting, we were unable to obtain a pointer to PROGENS STACK (CONVERT_DST).
1480	MESSAGE	While the system was booting, we were unable to determine the size of the PROGENS STACK (GET_DST_SIZE).
1481	MESSAGE	While the system was booting, we were unable to set the size of the PROGENS STACK (MAX_DST_SIZE).
1482	MESSAGE	An attempt is being made to set a process's critical depth count to less than zero.
1483	MESSAGE	An attempt is being made to set a process's system code depth to less than zero.
1484	MESSAGE	The value of the OLDSTATE parameter passed to RESETCRITICAL is invalid.
1485	MESSAGE	The recover block in a PROCESS MANAGEMENT intrinsic encountered an unexpected escape

code.

1486           MESSAGE     A trap occurred in the operating system during system boot.

1487           MESSAGE     A trap occurred while a process was terminating.

1501           MESSAGE     The procedure PROCESS\_SYSTEM\_FETCH\_PAGES\_MSG caused bad status from FETCH\_PAGES.

1502           MESSAGE     The procedure PROCESS\_FETCH\_IO\_PAGES\_MSG caused bad status from SWAP\_IN.

1503           MESSAGE     The procedure DISP\_TIMER\_SERVER caused quantum to expire; NOTIFY\_DISPATCHER returned bad status.

1504           MESSAGE     The procedure AWAKEN\_PROCESS caused unexpected BLOCKED\_REASON.

1505           MESSAGE     The procedure BLOCK\_CURRENT\_PROCESS caused BLOCK\_EVENT in DSP\_MEMORY\_WAIT; bad build.

1506           MESSAGE     The procedure BLOCK\_CURRENT\_PROCESS caused the request to block on memory WAIT.

1507           MESSAGE     The procedure NOTIFY\_DISPATCHER means NOTIFY\_DISPATCHER is called with nil PIN.

1508           MESSAGE     The procedure NOTIFY\_DISPATCHER is unable to set the watchdog timer to prevent runaway CPU usage; unexpected status from RESET\_TIMER.

1509           MESSAGE     The procedure SET\_PROC\_SCHEDULING\_CLASS caused bad status from NOTIFY\_DISPATCHER.

1510           MESSAGE     The procedure FORMAT\_DISPATCHER\_GLOBALS can not get a timer entry for the timeslice watchdog; bad status from GET\_TIMER.

1511           MESSAGE     The procedure X\_INITIALIZE\_DISPATCHER can not create the dispatcher timer port; error from CREATE\_PORT.

1512           MESSAGE     The procedure SWAP\_IN\_PROCESS (initiate\_swap\_in) caused an unknown status from SWAP\_IN.

1513           MESSAGE     Processes are ready to be launched but the DISPATCHER is missing them.

1514           MESSAGE     The procedure PROCESS\_DISPATCHER\_MSGS can not receive the dispatcher message to the process; unknown status from RECEIVE\_MSG.

1515           MESSAGE     The procedure EXAMINE\_ACTIVE\_PROCESS caused a long waited process on the dispatcher queue.

1516	MESSAGE	NOTIFY_DISPATCHER requests to change priority of a dead process.
	CAUSE	<b>An attempt was made to change priority of a dead process.</b>
1517	MESSAGE	Unknown request to NOTIFY_DISPATCHER.
	CAUSE	<b>An unknown DISPATCH request has been sent to NOTIFY_DISPATCHER.</b>
1701	MESSAGE	UPDATE_SYSTEM_QUAD_ALLOCATION_MAP - The counters which hold the number of units in the free or allocated state went below zero.
1702	MESSAGE	ALLOCATE_SYS_QUAD_SPACE - The call to UPDATE THE ALLOCATION MAP returned a bad status.
1703	MESSAGE	DEALLOCATE_SUB_SR6_SR7_SPACE - The call to UPDATE ALLOCATION MAP returned a bad status.
1704	MESSAGE	DEALLOCATE_SUB_SR6_SR7 - The quad of the address to DEALLOCATE was not SR6 or SR7.
1705	MESSAGE	INIT_ALLOCATION-INFO of INIT_VIRTUAL SPACE_MANAGEMENT - An invalid status was returned from the ALLOCATION routine when attempting to mark the space assigned to the BOOT objects allocated.
1706	MESSAGE	CREATE_VSM_OBJECT of INIT_VIRTUAL_SPACE MANAGEMENT - An invalid status was returned from the ALLOCATION routine when attempting to allocate a space for a VSM object.
1707	MESSAGE	INIT_ALLOCATION_ INFO of INIT_VIRTUAL_SPACE_MANAGEMENT - An invalid status was returned when calling the ALLOCATION MAP UPDATE routine to mark the unavailable space at the end of the quad as allocated.
1708	MESSAGE	DEL_FROM_LOCALITY_TABLE - The entry requested to be deleted from the INDIRECT LOCALITY TABLE was not found.
1709	MESSAGE	VSM_LOAD_CODE_FILE - This code file has already been loaded as a single SOM file. The maximum number of SOMs specified in the previous load was 1.
1710	MESSAGE	VSM_LOAD_CODE_FILE - The object for this file was created with variable access rights, and the loader specified single access rights in the parameters to this procedure.



1711           MESSAGE       VSM\_UNLOAD\_CODE\_FILE - No object was found  
                          which contains the pointer to the file to  
                          unload.

1712           MESSAGE       VSM\_UNLOAD\_CODE\_FILE - The specified code  
                          file was not previously loaded using  
                          VSM\_LOAD\_CODE\_FILE.

1713           MESSAGE       VSM\_UNLOAD\_CODE\_FILE - There was an error  
                          status returned when the INIT POINTER  
                          (LOCALITY) TABLE was attempted to be locked  
                          into the VPN cache.

1714           MESSAGE       VSM\_UNLOAD\_CODE\_FILE - An error was returned  
                          from the RELEASE\_OBJECT call when attempting  
                          to release the INDIRECT LOCALITY TABLE.

1715           MESSAGE       PAGE\_FLT\_LOCK\_IN\_VPN\_CACHE - The recover  
                          block for this procedure was unexpectedly  
                          entered.

1716           MESSAGE       INIT\_2\_VIRTUAL\_SPACE MANAGEMENT - An error  
                          occurred when making the VS allocation  
                          information object swappable.

1717           MESSAGE       UNLOCK\_RANGE\_FROM\_CACHE - The VPN and length  
                          to unlock was outside of the bounds of the  
                          cache entry pointer that was passed in.

1722           MESSAGE       TRANSLATE\_VSM\_TABLE\_ERROR - Received an error  
                          from TABLE MANAGEMENT that is not a  
                          recoverable error. The table may be  
                          corrupted.

1723           MESSAGE       TRANSLATE\_VSM\_TABLE\_ERROR - Received an error  
                          from TABLE MANAGEMENT that is not an error  
                          expected for the particular table, such as no  
                          secondary storage for a resident table.

1724           MESSAGE       RELEASE\_VSM\_TABLE\_ENTRY - An error occurred  
                          releasing a table entry; table may be  
                          corrupt.

1725           MESSAGE       GET\_KSO\_TABLE\_ENTRY\_PTR - An error was  
                          returned from GET\_KJO\_TABLE\_PTR.

1726           MESSAGE       GET\_KSO\_TABLE\_ENTRY\_PTR - An error was  
                          returned from GET\_KPO\_TABLE\_PTR.

1727           MESSAGE       GET\_KSO\_TABLE\_ENTRY\_PTR - This is an invalid  
                          KSO/KJO/KPO number.

1728           MESSAGE       ANALYZE\_BALANCE of DELETE\_FROM\_B\_TREE -  
                          FATHER NODE is not the root of the B-TREE  
                          when it must be; B-TREE may be corrupt.

1729 MESSAGE BALANCE\_ROOT of DELETE\_FROM\_B\_TREE - The node count is not zero when it must be; B-TREE may be corrupt.

1730 MESSAGE DELETE\_FROM\_SUB\_B\_TREE of DELETE\_FROM\_B\_TREE - the specified entry to delete is not in the B-TREE.

1731 MESSAGE ANALYZE\_INSERTION of INSERT\_IN\_B\_TREE - Illegal B-TREE detected. Node has no brothers when it must have them.

1732 MESSAGE INSERT\_IN\_SUB\_TREE of INSERT\_IN\_B\_TREE - Tried to insert a new node with a key that is already in the B-TREE.

1733 MESSAGE INSERT\_IN\_B\_TREE - An error occurred while trying to recover from an error.

1734 MESSAGE SEARCH\_EXTENT\_B\_TREE - VPN not found when it must be in the extent B-TREE.

1735 MESSAGE INSERT\_IN\_EXTENT\_B\_TREE - Extent bounds not within the bounds of the object.

1736 MESSAGE FLUSH\_VA\_RANGE - The object being flushed has dying object option set.

1737 MESSAGE FLUSH\_VA\_RANGE - An error occurred deallocating object.

1738 MESSAGE TRUNCATE\_EXTENT\_B\_TREE - Tried to truncate a permanent, non-file object.

1739 MESSAGE TRUNCATE\_EXTENT\_B\_TREE - FILE LABEL MANAGEMENT error occurred truncating a file object.

1740 MESSAGE FILL\_ALLOCATED\_SEC\_STORAGE - FILL\_DISC returned an error.

1741 MESSAGE LOCK\_VPN\_CACHE - VPN cache is already locked. Recursive locking is not allowed.

1742 MESSAGE UNLOCK\_FROM\_VPN\_CACHE - VPN cache is not locked.

1743 MESSAGE ALLOC\_CACHE\_ENTRY\_HOLD\_CB - An error was received from CB\_INIT.

1744 MESSAGE ADD\_TO\_OVERLAY\_LIST - Tried to add an entry to the VPN CACHE OVERLAY LIST that has a lock count that is not zero.

1745 MESSAGE REMOVE\_FROM\_OVERLAY\_LIST - Found an entry on the VPN CACHE OVERLAY LIST with a lock count that is not zero.

1746 MESSAGE INSERT\_IN\_VPN\_CACHE - The procedure tried to insert an entry in the VPN cache that was already there, and a duplicate entry recovery was not specified.

1747 MESSAGE DELETE\_FROM\_VPN\_CACHE - The entry to delete was not found in the VPN cache.

1748 MESSAGE ALLOC\_CACHE\_ENTRY\_QUEUE\_CB - An error occurred allocating a VPN CACHE entry queue control block.

1749 MESSAGE ALLOC\_CACHE\_ENTRY\_QUEUE\_CB - Error from CB\_INIT.

1750 MESSAGE QUEUE\_ON\_VPN\_CACHE\_ENTRY - The VPN cache entry already has a process queued on it being taken off of an overlay hold list. Only one process may be queued on an entry.

1751 MESSAGE GET\_OVERLAY\_HEAD\_ENTRY - Entry found on overlay list with a lock count that was not zero.

1752 MESSAGE MAYBE\_UPDATE\_DESCRIPTOR - A shared page VPN cache entry was found with an extent length that is not one.

1754 MESSAGE FIND\_VPN\_CACHE\_ENTRY - The procedure was called when VPN cache is not locked.

1755 MESSAGE SCAN\_VPN\_CACHE - The procedure was called when VPN cache is not locked.

1756 MESSAGE MAP\_OUT\_CACHE\_ENTRIES- A VPN cache entries' lock count will not go to zero after flushing the physical page and MEMORY MANAGER LOCALITY LIST, caused by the number of locks/unlocks on pages of this extent being out of sync.

1757 MESSAGE SET\_UP\_SHR\_PAGE\_DESC - An error was received from CB\_INIT.

1758 MESSAGE ADD\_TO\_PAGE\_SHR\_DESC - The specified VPN does not match the VPN in the shared page descriptor.

1759 MESSAGE REMOVE\_FROM\_SHR\_PAGE\_DESC - The specified VPN does not match the VPN in the shared page descriptor.

1760 MESSAGE REMOVE\_FROM\_SHR\_PAGE\_DESC - The shared page use count will go negative.

1761 MESSAGE ALLOCATE\_SHARED\_VS\_UNIT - Bad DO NOT PACK

virtual address assigned.

1762 MESSAGE ADVANCE\_SHARED\_VS\_UNIT - About to allocate a shared page descriptor for a page that already has one.

1763 MESSAGE LOCK\_VS\_DOMAIN\_DESC - An error was returned from GET\_KJO\_TABLE\_PTR.

1764 MESSAGE LOCK\_VS\_DOMAIN\_DESC - An error was returned from GET\_KPO\_TABLE\_PTR.

1765 MESSAGE DEALLOCATE\_VS - The shared VS UNIT DESCRIPTOR ID was not supplied, and it should be.

1766 MESSAGE GET\_DOMAIN\_ENTRY - The shared VS UNIT DESCRIPTOR was already allocated for SR5 in this domain.

1767 MESSAGE ALLOCATE\_VS\_OD - An error was received from CB\_INIT.

1768 MESSAGE DEALLOCATE\_OBJECT - An error occurred releasing memory for a resident.

1769 MESSAGE CREATE\_OBJECT\_ERROR\_CLEAN\_UP of CREATE\_OBJECT - An error occurred during error recovery.

1770 MESSAGE VSM\_DEALLOCATE\_GU\_FD - The file object is not mapped out of virtual space.

1771 MESSAGE VSM\_MAP\_IN\_FILE - The file object was already mapped into virtual space.

1772 MESSAGE VSM\_MAP\_IN\_FILE - An error was received from CB\_INIT.

1773 MESSAGE VSM\_MAP\_IN\_FILE - An error occurred while doing error recovery.

1774 MESSAGE VSM\_MAP\_OUT\_FILE - Map out on file with object dying option set.

1775 MESSAGE MAP\_IN\_EXTENT\_MAP - An invalid extent descriptor was found in the file label.

1776 MESSAGE VSM\_MAP\_IN\_LABEL\_OBJ - An error was received from CB\_INIT.

1777 MESSAGE VSM\_MAP\_IN\_LABEL\_OBJ - An error occurred doing error clean up.

1778 MESSAGE CALC\_EXTENT\_PLACEMENT of ALLOCATE\_EXTENT - Bad placement was calculated.

1779 MESSAGE UPDATE\_FIRST\_SHARED\_PAGE\_DESC of ALLOCATE\_EXTENT - The first shared page is already allocated.

1780 MESSAGE UPDATE\_LAST\_SHARED\_PAGE\_DESC of  
ALLOCATE\_EXTENT - The first shared page is  
already allocated.

1781 MESSAGE ALLOCATE\_EXTENT - The VPN\_TO\_LEFT,  
VPN\_TO\_RIGHT, and VPN to allocate do not make  
sense.

1782 MESSAGE ALLOCATE\_EXTENT - The extent that was  
allocated has bad virtual bounds.

1783 MESSAGE ALLOCATE\_EXTENT - The current amount of  
secondary storage exceeds the maximum.

1784 MESSAGE ERROR\_CLEANUP of ALLOCATE\_VSM\_OBJECT\_EXTENT -  
Extent to clean up not found in the VPN  
cache.

1785 MESSAGE CHECK\_IF\_IN\_B\_TREE of FIND\_EXTENT\_ENTRY -  
Extent not found in an EXTENT B-TREE when it  
must be there.

1786 MESSAGE FIND\_EXTENT\_ENTRY - The procedure tried to  
find an extent descriptor for a  
memory-resident object.

1787 MESSAGE FIND\_EXTENT\_ENTRY - The VPN to find the  
extent descriptor is not within the bounds of  
the object.

1788 MESSAGE FIND\_EXTENT\_ENTRY - Extent fault on VSM cache  
object.

1789 MESSAGE UNLOCK\_RANGE\_FROM\_CACHE - The VPN not found  
in the VPN CACHE.

1790 MESSAGE DEC\_CACHE\_ENTRY\_LOCK\_COUNT - The lock count  
on a VPN cache entry will go negative.

1791 MESSAGE RETURN\_VS\_LL\_HEADER\_NUM - The range crosses  
the object bounds.

1792 MESSAGE GET\_CODE\_LOCALITY\_BOUNDS - Bad locality range  
was found. The known locality that was found  
does not contain the page that was faulted  
on.

1793 MESSAGE PROCESS\_REMEMBERED\_CACHE\_ENTRIES - Can not  
find a VPN cache entry that could not be kept  
in the local list and must be re-found.

1794 MESSAGE PAGE\_FLT\_LOCK\_IN\_VPN\_CACHE - An MIB LIST was  
built that does not cover the range that is  
to be implicitly prefetched.

1795 MESSAGE UPDATE\_MIB\_STATE\_FROM\_CACHE - The VPN cache  
entry has a lock count of zero.

1796           MESSAGE        ADD\_TO\_MIB\_LIST - The procedure cannot allocate MIB and can not recover from error.

1797           MESSAGE        ICS\_LOCK\_IN\_VPN\_CACHE - A VPN in the range was not in the VPN cache.

1798           MESSAGE        CACHED\_VPN\_TO\_SECONDARY\_ADDRESS - The VPN in the range was not in the VPN cache.

1799           MESSAGE        FLAG\_PAGES\_AS\_VIRGIN - The VPN in the range was not in the VPN cache.

1801           MESSAGE        ICS\_BUILD\_MIB\_LIST - The VPN in the range was not found in the VPN cache.

1803           MESSAGE        ICS\_GET\_EXTENT\_MIB - The VPN was not found in the cache.

1804           MESSAGE        MIB\_UNLOCK\_FROM\_VPN\_CACHE - The VPN cache entry lock count will go negative.

1805           MESSAGE        TRUNCATE\_SWAPPABLE\_OBJECT - The starting offset of the truncation starts in the first shared page of the object and we did not decide to fill any bytes.

1806           MESSAGE        TRUNCATE\_SWAPPABLE\_OBJECT - The procedure can not refind VS\_OD for object. This is a higher level synchronization problem.

1807           MESSAGE        GET\_KPO\_PTR - An error occurred, and return status was not supplied.

1808           MESSAGE        SET\_KPO\_PTR - An error occurred, and return status was not supplied.

1809           MESSAGE        GET\_KJO\_PTR - An error occurred, and return status was not supplied.

1810           MESSAGE        SET\_KJO\_PTR - An error occurred, and return status was not supplied.

1811           MESSAGE        UNLOCK\_OBJECT\_FROM\_VPN\_CACHE - An invalid pointer was specified.

1812           MESSAGE        CREATE\_VIRTUAL\_SPACE\_DOMAIN - An error was received from CB\_INIT.

1813           MESSAGE        VSM\_SET\_FILE\_PID\_HANDLING - The procedure called on a variable access rights file, and this is not yet supported.

1814           MESSAGE        DECODE\_LOAD\_OR\_STORE - A logic error decoding instruction or bad instruction was received.

1815           MESSAGE        MEMORY\_PROTECTION\_TRAP - INSTRUCTION MEMORY

PROTECTION TRAP not yet implemented.

1816 MESSAGE MAKE\_VSM\_CACHED\_OBJECT\_SWAPPABLE - This is an invalid object pointer.

1817 MESSAGE MAKE\_VSM\_CACHED\_OBJECT\_SWAPPABLE - The object was not marked as will become swappable.

1818 MESSAGE MAKE\_VSM\_CACHED\_OBJECT\_SWAPPABLE - An error occurred allocating an extent for the object.

1819 MESSAGE INIT\_2\_VIRTUAL\_SPACE\_MANAGEMENT - An error occurred making VS DOMAIN DESCRIPTOR TABLE swappable.

1820 MESSAGE INIT\_2\_VIRTUAL\_SPACE\_MANAGEMENT - An error occurred making VS RECOVERY TABLE swappable.

1821 MESSAGE CREATE\_VSM\_OBJECT of INIT\_VIRTUAL\_SPACE\_MANAGEMENT - An error occurred allocating main memory.

1822 MESSAGE ADD\_VS\_OD of INIT\_VIRTUAL\_SPACE\_MANAGEMENT - An error occurred allocating VS\_OD.

1823 MESSAGE ADD\_VS\_OD of INIT\_VIRTUAL\_SPACE\_MANAGEMENT - An error was received from CB\_INIT.

1824 MESSAGE ADD\_VS\_OD of INIT\_VIRTUAL\_SPACE\_MANAGEMENT - An error was received from INSERT\_IN\_VS\_B\_TREE.

1825 MESSAGE CREATE\_VSM\_CONTROL\_OBJ of INIT\_VIRTUAL\_SPACE\_MANAGEMENT - An error was received from CB\_INIT.

1826 MESSAGE CREATE\_VSM\_CONTROL\_OBJ of INIT\_VIRTUAL\_SPACE\_MANAGEMENT - An error was received from CB\_INIT.

1827 MESSAGE CREATE\_VSM\_CONTROL\_OBJECT of INIT\_VIRTUAL\_SPACE\_MANAGEMENT - An error was received from CB\_INIT.

1828 MESSAGE CREATE\_VSM\_TABLE of INIT\_VIRTUAL\_SPACE\_MANAGEMENT - CREATE\_TABLE error occurred.

1829 MESSAGE VALIDATE\_COMPILE\_CONSTANTS of INIT\_VIRTUAL\_SPACE\_MANAGEMENT - The compile time constants are out of sync.

1830 MESSAGE INIT\_VIRTUAL\_SPACE\_MANAGEMENT - SR6 or SR7 must have specific space IDs.

1832 MESSAGE INIT\_VIRTUAL\_SPACE\_MANAGEMENT - An error was received from CREATE\_VIRTUAL\_SPACE\_DOMAIN.

1833 MESSAGE VSM\_MAP\_IN\_SYS\_LIB - VD\_OD is already mapped in.

1834 MESSAGE VSM\_MAP\_IN\_SYS\_LIB - An error was received from ALLOCATE\_VS\_LL\_HEADER.

1835 MESSAGE VSM\_MAP\_IN\_SYS\_LIB - An error was received from CB\_INIT.

1836 MESSAGE VSM\_MAP\_IN\_SYS\_LIB - An error was received from INSERT\_IN\_VS\_B\_TREE.

1837 MESSAGE VSM\_MAP\_IN\_SYS\_LIB - An error was received from MAP\_IN\_EXTENT\_MAP.

1838 MESSAGE VSM\_MAP\_IN\_SYS\_LIB - An error was received from LOCK\_IN\_VPN\_CACHE.

1839 MESSAGE CREATE\_OSINFO\_OBJECT - The CREATE OBJECT call failed when creating the operating system information object.

1840 MESSAGE BUILD\_VSM\_DATA\_STRUCTURE\_DESCRIPTION - The ALLOCATE\_OSINFO\_ENTRY call failed when attempting to allocate space in the operating system information object for the VSM DATA STRUCTURE DESCRIPTOR.

1841 MESSAGE PROBE\_FILE\_PIB\_HANDLING - This procedure was called and the FILE ID parameter was specified. The object was neither OBJ\_FILE\_PID\_HANDLING nor OBJ\_PROCESS\_PID\_HANDLING.

1842 MESSAGE VSM\_CLEAN\_UP\_FILE\_USER - DELETE\_PROTECTID was called to remove the PID of the file from the process's PID LIST. It returned a bad status.

1843 MESSAGE VPN\_TO\_SECONDARY\_ADDRESS - The recover block caught an unexpected escape.

1844 MESSAGE SCAN\_VS\_OD\_TABLE - The recover block caught an unexpected escape.

1845 MESSAGE GET\_KPO\_POINTER - The recover block caught an unexpected escape.

1846 MESSAGE SET\_KPO\_POINTER - The recover block caught an unexpected escape.

1847 MESSAGE GET\_KJO\_POINTER - The recover block caught an unexpected escape.

1848 MESSAGE SET\_KJO\_POINTER - The recover block caught an unexpected escape.

1849 MESSAGE GET\_OBJECT\_ATTRIBUTE - The recover block caught an unexpected escape.



1850           MESSAGE       ALTER\_OBJECT\_SIZE - The recover block caught an unexpected escape.

1851           MESSAGE       ALTER\_OBJECT\_SIZE\_DISABLED - The recover block caught an unexpected escape.

1852           MESSAGE       ALTER\_OBJ\_ACCESS\_RIGHTS - The recover block caught an unexpected escape.

1853           MESSAGE       ALTER\_OBJECT\_PROTECTION - The recover block caught an unexpected escape.

1854           MESSAGE       LOCK\_OBJ\_IN\_VPN\_CACHE - The recover block caught an unexpected escape.

1855           MESSAGE       UNLOCK\_OBJ\_FROM\_VPN\_CACHE - The recover block caught an unexpected escape.

1856           MESSAGE       ALLOCATE\_PID - The recover block caught an unexpected escape.

1857           MESSAGE       DEALLOCATE\_PID - The recover block caught an unexpected escape.

1858           MESSAGE       CREATE\_VIRTUAL\_SPACE\_DOMAIN - The recover block caught an unexpected escape.

1859           MESSAGE       RELEASE\_VIRTUAL\_SPACE\_DOMAIN - The recover block caught an unexpected escape.

1860           MESSAGE       VSM\_SET\_FILE\_PID\_HANDLING - The recover block caught an unexpected escape.

1861           MESSAGE       VSM\_CLEAN\_UP\_FILE\_USER - The recover block caught an unexpected escape.

1862           MESSAGE       VSM\_TRUNCATE\_FILE - The recover block caught an unexpected escape.

1863           MESSAGE       VSM\_FILE\_EOF\_CUT\_BACK - The recover block caught an unexpected escape.

1864           MESSAGE       PROBE\_OBJECT - The recover block caught an unexpected escape.

1865           MESSAGE       MEMORY\_PROTECTION\_TRAP - The recover block caught an unexpected escape.

1866           MESSAGE       VSM\_GET\_FILE\_ATTRIBUTES - The recover block caught an unexpected escape.

1867           MESSAGE       GET\_CONTIGUOUS\_BLOCK\_INFO - The recover block caught an unexpected escape.

1868           MESSAGE       SET\_OBJECT\_CLASS\_DUMPWORTHY - The recover block caught an unexpected escape.

1869           MESSAGE       ALLOCATE\_OBJ\_SEC\_STORAGE - The recover block caught an unexpected escape.

1870	MESSAGE	ALLOCATE_OSINFO_ENTRY - The recover block caught an unexpected escape.
1871	MESSAGE	VSM_LOAD_CODE_FILE - The recover block caught an unexpected escape.
1872	MESSAGE	VSM_UNLOAD_CODE_FILE - The recover block caught an unexpected escape.
1873	MESSAGE	REATE_OBJECT - The recover block caught an unexpected escape.
1874	MESSAGE	MAP_PERMANENT_OBJECT_EXTENT - The recover block caught an unexpected escape.
1875	MESSAGE	RELEASE_OBJECT - The recover block caught an unexpected escape.
1876	MESSAGE	VSM_ALLOCATE_GU_FD - The recover block caught an unexpected escape.
1877	MESSAGE	VSM_DEALLOCATE_GU_FD - The recover block caught an unexpected escape.
1878	MESSAGE	VSM_MAP_IN_FILE - The recover block caught an unexpected escape.
1879	MESSAGE	VSM_MAP_OUT_FILE - The recover block caught an unexpected escape.
1880	MESSAGE	VSM_MAP_IN_LABEL_OBJ - The recover block caught an unexpected escape.
1881	MESSAGE	VSM_ADD_LABEL_EXTENTS - The recover block caught an unexpected escape.
1882	MESSAGE	MAKE_OBJECT_SWAPPABLE - The recover block caught an unexpected escape.
1883	MESSAGE	UNLOCK_FROM_VPN_CACHE - The recover block caught an unexpected escape.
1884	MESSAGE	UNLOCK_FROM_VPN_CACHE_WITH_CACHE_ENTRY_PTR - The recover block caught an unexpected escape.
1885	MESSAGE	CONVERT_OBJECT_CLASS - The recover block caught an unexpected escape.
1886	MESSAGE	VSM_MAP_IN_SYS_LIB - The recover block caught an unexpected escape.
1887	MESSAGE	PAGE_FLT_LOCK_IN_VPN_CACHE - The recover block caught an unexpected escape.
1888	MESSAGE	ICS_LOCK_IN_VPN_CACHE - The recover block caught an unexpected escape.
1889	MESSAGE	FLAG_PAGE_AS_NOT_VIRGIN - The recover block

caught an unexpected escape.

1890 MESSAGE FLAGS\_PAGES\_AS\_VIRGIN - The recover block caught an unexpected escape.

1891 MESSAGE CACHED\_VPN\_TO\_SECONDARY\_ADDRESS - The recover block caught an unexpected escape.

1892 MESSAGE ICS\_BUILD\_MIB\_LIST - The recover block caught an unexpected escape.

1893 MESSAGE BUILD\_WRITE\_MIB\_LIST - The recover block caught an unexpected escape.

1894 MESSAGE ICS\_GET\_EXTENT\_MIB - The recover block caught an unexpected escape.

1895 MESSAGE UPDATE\_MIB\_FROM\_VPN\_CACHE - The recover block caught an unexpected escape.

1896 MESSAGE MIB\_LOCK\_VIRGIN\_IN\_VPN\_CACHE - The recover block caught an unexpected escape.

1897 MESSAGE MIB\_UNLOCK\_FROM\_VPN\_CACHE - The recover block caught an unexpected escape.

1898 MESSAGE GET\_VPN\_CACHE\_ENTRY\_PTR - The recover block caught an unexpected escape.

1899 MESSAGE LOCK\_IN\_VPN\_CACHE - The recover block caught an unexpected escape.

1900 MESSAGE COUNT\_MAIN\_MEM\_PAGES - The recover block caught an unexpected escape.

1901 MESSAGE GET\_NEXT\_SR5\_OFFSET - The recover block caught an unexpected escape.

1902 MESSAGE VSM\_UNLOAD\_ENTIRE\_CODE\_FILE - The recover block caught an unexpected escape.

1903 MESSAGE INIT\_2\_VIRTUAL\_SPACE\_MANAGEMENT - An error was returned from processing all VS\_ODs to make swappable and convert the access rights.

1904 MESSAGE FIND\_EXTENT\_ENTRY - A duplicate extent or an out of bounds extent occurred during the extent allocation of a non-file object.

1905 MESSAGE In FIND\_EXTENT\_ENTRY, a duplicate extent or an out of bounds extent occurred during the extent allocation of a non-file object.

1906 MESSAGE In INIT\_2\_VIRTUAL\_SPACE\_MANAGEMENT, an error was returned from processing all VS\_ODs to make all swappable objects swappable.

1907 MESSAGE The extent B-TREE node count went to zero.

1908	MESSAGE	The entry is already on the overlay list.
1909	MESSAGE	The entry is not on the overlay list.
1910	MESSAGE	The entry is on the overlay list.
1911	MESSAGE	A memory protection trap occurred for which there is no remedy.
	CAUSE	<b>There is a bug in the protection mechanism.</b>
2000	MESSAGE	POST_PAGE_MAP - An error was received from PORT.
2001	MESSAGE	GET_EXTENT_OF_SEC_STORAGE - An error was received updating PAGE MAP.
2002	MESSAGE	ALLOCATE_SEC_STORAGE - An error was received from FILL_DISC.
2003	MESSAGE	DEALLOCATE_SEC_STORAGE - A bad parameter was specified.
2004	MESSAGE	GET_SPECIFIC_SET_STORAGE - A bad parameter was specified.
2005	MESSAGE	GET_SPECIFIC_SEC_STORAGE - An error was returned updating PAGE MAP.
2006	MESSAGE	UPDATE_PARTIAL_PAGE_INDICATORS - All fragments are not free and should be.
2007	MESSAGE	UPDATE_PARTIAL_PAGE_INDICATORS - An error occurred updating PAGE MAP.
2008	MESSAGE	UPDATE_PARTIAL_PAGE_INDICATORS - The page is not a permanent page and it should be.
2009	MESSAGE	UPDATE_PARTIAL_PAGE_INDICATORS - The page is not a partial page and it should be.
2010	MESSAGE	SEARCH_FOR_FRAGMENT - No fragment was found and there should be one.
2011	MESSAGE	FIND_PARTIAL_PAGE_FREE - An error occurred updating PAGE MAP.
2012	MESSAGE	GET_PARTIAL_PAGE - The fragment size is greater than the page size.
2013	MESSAGE	REL_PARTIAL_PAGE_OF_SEC_STORAGE - A bad parameter was specified.
2014	MESSAGE	REL_PARTIAL_PAGE_OF_SEC_STORAGE - The fragment was already free.
2015	MESSAGE	FORMAT_SEC_STORAGE_MAP - FILL_DISC error occurred.
2016	MESSAGE	FORMAT_SEC_STORAGE_MAP - A partial PAGE MAP

POST error occurred.

2017 MESSAGE FORMAT\_SEC\_STORAGE\_MAP - PAGE MAP and HEADER  
POST error occurred.

2018 MESSAGE REMOVE\_RESERVED\_SEC\_STORAGE - An error  
occurred updating the map.

2019 MESSAGE CREATE\_SSM\_MAP\_OBJECTS - The map address is  
not on the page boundary.

2020 MESSAGE CREATE\_SSM\_MAP\_OBJECTS - An error occurred  
while doing an error clean up.

2021 MESSAGE MARK\_SSM\_MAP - An error was received from  
POST.

2022 MESSAGE INIT\_SSM\_DEV\_INFO\_AREA - VLM\_GET\_SSM\_DEV\_AREA  
error occurred.

2023 MESSAGE INIT\_SSM\_DEV\_INFO\_AREA - CB\_INIT error  
occurred.

2024 MESSAGE MOUNT\_SSM\_DEVICE - An error occurred creating  
map objects.

2025 MESSAGE MOUNT\_SSM\_DEVICE - An error occurred  
releasing PAGE MAP object.

2026 MESSAGE MOUNT\_SSM\_DEVICE - An error occurred  
releasing partial PAGE MAP object.

2027 MESSAGE DISMOUNT\_SSM\_DEVICE - An error occurred  
releasing PAGE MAP object.

2028 MESSAGE DISMOUNT\_SSM\_DEVICE - An error occurred  
releasing partial PAGE MAP object.

2029 MESSAGE INIT\_SSM\_DEVICE - An error occurred creating  
map objects.

2030 MESSAGE INIT\_SSM\_DEVICE - An error occurred replaying  
log.

2031 MESSAGE CHANGE\_SSM\_DEVICE\_LIMITS - An error was  
received from POST.

2032 MESSAGE GET\_FREE\_SPACE\_HISTOGRAM - An error was  
received from PREFETCH.

2033 MESSAGE REMAP\_SSM\_MAP - An error occurred in creating  
the objects for the new SSM MAP.

2034 MESSAGE REMAP\_SSM\_MAP - An error occurred when  
updating the disk volume label with the  
sector offset of the new SSM MAP.

2035 MESSAGE UPDATE\_SEC\_STORAGE\_MAP - One of the page  
counters went negative after the secondary

storage map was updated. This is currently a bug catcher, but may become permanent.

2036 MESSAGE VALIDATE\_SEC\_STORAGE - This is a bad LDEV parameter.

2037 MESSAGE VALIDATE\_SEC\_STORAGE - This is a bad DISC\_ADDRESS parameter.

2038 MESSAGE VALIDATE\_SEC\_STORAGE - The parameter number of bytes is less than zero.

2039 MESSAGE VALIDATE\_SEC\_STORAGE - The ending page to be validated exceeded the last page of the device.

2040 MESSAGE VALIDATE\_SEC\_STORAGE - The number of byte MOD PAGE\_SIZE is not zero.

2041 MESSAGE VALIDATE\_SEC\_STORAGE - The page being validated was not a permanent page.

2042 MESSAGE VALIDATE\_SEC\_STORAGE - A trap occurred during VALIDATE\_SEC\_STORAGE.

2043 MESSAGE SSM\_REPLAY\_LOG - A trap occurred while XM was recovering the SSM MAP.

2044 MESSAGE DISMOUNT\_SSM\_DEVICE - A trap occurred during DISMOUNT\_SSM\_DEVICE.

2045 MESSAGE SSM\_VERIFY\_MAPS\_FOR\_MOUNTED\_SYS\_VOLS page counts in map header does not match the bit map count.

2046 MESSAGE SSM\_SA\_VERIFY\_ENTIRE\_MAP - An error was received from PREFETCH in SSM\_SA\_VERIFY\_ENTIRE\_MAP.

2047 MESSAGE SSM\_SA\_INIT\_SSM\_GLOBAL\_AREA - CB\_INIT failed.

2048 MESSAGE SSM\_SA\_INIT\_SSM\_GLOBAL\_AREA - CREATE\_OBJECT failed.

2049 MESSAGE SSM\_SA\_UPDATE\_SEC\_STORAGE\_MAP - VERIFY\_MAP failed.

2050 MESSAGE UPDATE\_SEC\_STORAGE\_MAP - One of the page counters went negative before the SECONDARY STORAGE MAP was updated. This is currently a bug catcher, but may become permanent.

2051 MESSAGE UPDATE\_SEC\_STORAGE\_MAP - UPDATE\_SEC\_STORAGE\_MAP failed.

2100 MESSAGE A general system abort occurred for XM (used only until new aborts are added to DSYSFAIL).

2101 MESSAGE The procedure XM\_RECOVERY detected an unknown

record type in an XM log.

2102 MESSAGE The procedure XM\_RECOVERY received bad status from SM\_OPEN\_FD.

2103 MESSAGE The procedure XM\_RECOVERY received bad status from SM\_OPEN\_OBJECT.

2104 MESSAGE The procedure XM\_CLOSE\_RESIDUAL received bad status from SM\_CLOSE.

2105 MESSAGE The procedure XM\_CLOSE\_RESIDUAL received bad status from POST.

2106 MESSAGE The procedure XM\_RECOVERY detected key is not in the HASH TABLE.

2107 MESSAGE The procedure XM\_RECOVERY\_POST\_AND\_CLOSE received bad status from SM\_CLOSE.

2108 MESSAGE The procedure XM\_RECOVERY\_POST\_AND\_CLOSE received bad status from POST.

2109 MESSAGE The procedure XM\_RECOVERY\_SETUP detected a failure in CREATE\_OBJECT.

2110 MESSAGE The procedure XM\_RECOVERY\_SETUP detected a failure in LM\_GET\_MAGIC\_UFID.

2111 MESSAGE The procedure XM\_RECOVERY\_SETUP detected a failure in SM\_OPEN\_FD.

2112 MESSAGE The procedure XM\_RECOVERY\_SETUP detected a failure in SM\_OPEN\_OBJECT.

2113 MESSAGE The procedure XM\_RECOVERY\_SETUP detected a bad pointer for the SSM free space map.

2114 MESSAGE The procedure XM\_RECOVERY\_SETUP detected a bad pointer for a label table.

2115 MESSAGE The procedure XM\_DB\_PROC detected a bad convert in the DST.

2116 MESSAGE The procedure XM\_CLOSELOGFILES received bad status.

2117 MESSAGE The procedure XM\_RECOVERY received bad status from XM\_MAP\_IN\_LT\_EXT.

2118 MESSAGE The procedure XM\_MAN\_IN\_LT\_EXT received a bad status from VSM.

2119 MESSAGE The procedure XM\_RECOVERY hit a bugcatcher.

2120 MESSAGE The procedure XM\_ADDACTXID detected an overflow in the number of pool entries.

2121 MESSAGE The procedure XM\_ADDGUFID detected too many GUFID entries.

2122	MESSAGE	The procedure XM_GETBIT_N_LABELUFID received bad FILE ID.
2123	MESSAGE	The procedure XM_PINGOINAWAY received bad status from XM_FINDTRANSROW.
2124	MESSAGE	The procedure XM_GETPOINTER received bad status from STMGT.
2125	MESSAGE	The procedure XM_DEFERDETACH received bad status from XM_GETXID.
2126	MESSAGE	The procedure XM_DEFERDETACH release of file from log was unsuccessful.
2127	MESSAGE	The procedure XM_ABORTUSERXA received bad status from XMABORTTRAN.
2128	MESSAGE	The procedure XM_ABORTUSERXA received bad status from FINDPINROW.
2129	MESSAGE	The procedure XM_DELETEOBJID detected an invalid record type.
2130	MESSAGE	The procedure XM_ALLOCATEBLOCK detected no more disk space.
2131	MESSAGE	The procedure XM_RELEASEPOINTER received bad status from SM_CLOSE.
2132	MESSAGE	The procedure XM_CLOSE detected an unrecognized option; bad input parameter.
2133	MESSAGE	The procedure XM_ALLOCATERECORD detected no more room to allocate records.
2134	MESSAGE	The procedure XM_ALLOCATERECORD detected an unassigned or invalid parameter.
2135	MESSAGE	The procedure XM_DEALLOCATERECORD detected the entry was already released.
2136	MESSAGE	The procedure XM_DEALLOCATERECORD detected an unrecognizable or invalid parameter.
2137	MESSAGE	The procedure XM_DELETETRANSROW detected an invalid input parameter.
2138	MESSAGE	The procedure XM_DELETETRANSROW detected an invalid input parameter.
2139	MESSAGE	The procedure XM_ADDLSROW received bad status from CB_INIT.
2140	MESSAGE	The procedure XM_DELETELSROW received bad status from XM_DEALLOC_PAGE_CACHE.
2141	MESSAGE	The procedure XM_ADDTRLS_CB received bad status from XM_FINDLSROW.



2142 MESSAGE The procedure XM\_W\_COMMITRECORD received bad status from SM\_CLOSE.

2143 MESSAGE The procedure XM\_RE\_ABORTTRANS received bad status from VLM\_VOLUME\_ID\_TO\_MV\_ID.

2144 MESSAGE The procedure XM\_RE\_ABORTTRANS received bad VOLUME ID as a parameter.

2145 MESSAGE The procedure XM\_RE\_ABORTTRANS received bad status from SM\_OPEN\_FD.

2146 MESSAGE The procedure XM\_RE\_ABORTTRANS received bad status from SM\_OPEN\_OBJECT.

2147 MESSAGE The procedure XM\_END\_SYSTEM\_TRANS detected a bad input UI pointer.

2148 MESSAGE The procedure XM\_END\_SYSTEM\_TRANS detected a bad input pointer.

2149 MESSAGE The procedure XM\_ENDGOLDENXID detected a bad input UI pointer.

2150 MESSAGE The procedure XM\_ABORTGOLDENXID detected a bad input UI pointer.

2151 MESSAGE The procedure CHECK\_FOR\_CROSS\_LOG\_HALF received bad status from SM\_GET\_GUFD.

2152 MESSAGE The procedure CHECK\_FOR\_CROSS\_LOG\_HALF received bad status from VLM\_GET\_SSM\_DEV\_AREA.

2153 MESSAGE The procedure CHECK\_FOR\_CROSS\_LOG\_HALF received bad status from SM\_OPEN\_FD.

2154 MESSAGE The procedure CHECK\_FOR\_CROSS\_LOG\_HALF received bad status from SM\_OPEN\_OBJECT.

2155 MESSAGE The procedure XM\_GETVOLSETINDEX received bad status from VLM\_VOL\_ID\_TO\_MVST\_X.

2156 MESSAGE The procedure XM\_DETACHUFIDFROMLOG received bad status from a STORAGE MANAGEMENT routine.

2158 MESSAGE The procedure XM\_BUMPCOUNTER received bad status from POST.

2159 MESSAGE The procedure XM\_UNLOCKRESOURCE received bad status from REPLY\_TO\_WAITER.

2160 MESSAGE The procedure XM\_UNLOCKOBJECT detected an invalid option for this parameter.

2161 MESSAGE The procedure XM\_UNLOCKOBJECT detected an invalid option for this parameter.

2162 MESSAGE The procedure XM\_UNLOCK received bad status

from POST.

2163 MESSAGE The procedure XM\_TAPEIO received bad status from POST.

2164 MESSAGE The procedure XM\_UNLOCKONEOBJECT detected an invalid option for this parameter.

2165 MESSAGE The procedure XM\_UNLOCKONEOBJECT detected an invalid option for this parameter.

2166 MESSAGE The procedure XM\_UNLOCKONEOBJECT received bad status from REPLY\_TO\_WAITER.

2167 MESSAGE The procedure XM\_CLOSESYSLOG failed to close the XM System Log.

2168 MESSAGE The procedure XM\_CHECKOWNER detected that the PIN resource was already owned.

2169 MESSAGE The procedure XM\_FREEZE received bad status from TIM\_FREEZE.

2170 MESSAGE The procedure XM\_PIN\_CACHE received bad status from GET\_TIMER.

2171 MESSAGE The procedure XM\_PIN\_CACHE received bad status from RESET\_TIMER.

2172 MESSAGE The procedure XM\_LAUNCH\_IO received bad status from POST.

2173 MESSAGE The procedure XM\_LOG\_POST\_COMPLETOR received bad MM status.

2174 MESSAGE The procedure XM\_DO\_IO received bad status from POST.

2175 MESSAGE The procedure XM\_BUILDACTRECORD received an unexpected escape from MOVE\_FAST.

2176 MESSAGE The procedure XM\_BUILDACTRECORD detected a bad parameter option.

2177 MESSAGE The procedure XM\_COMMITIOGRECORD detected a bad parameter option.

2178 MESSAGE The procedure XM\_CHECKPOINT\_SSM\_MAPS detected a routine failure.

2179 MESSAGE The procedure XM\_CHECKPOINT\_SERVER received bad status from EXTEND\_RECEIVER.

2180 MESSAGE The procedure XM\_CREATE\_CHECKPOINT\_SERVER received bad status from SIMPLE\_CREATE\_PROCESS.

2181 MESSAGE The procedure XM\_CREATE\_CHECKPOINT received bad status from IPC\_AWAKE\_PROCESS.

2182 MESSAGE The procedure XM\_CHECK\_POINT\_FILES received bad status from POST.

2183 MESSAGE The procedure XM\_SEND\_CHECK\_POINT\_FILES received bad status from GET\_MSG\_FRAME.

2184 MESSAGE The procedure XM\_SEND\_CHECK\_POINT\_FILES received bad status from SEND\_MSG.

2185 MESSAGE The procedure XM\_RECOVERY received bad status from VLM\_ALLOW\_DISC\_ALLOCATION.

2186 MESSAGE The procedure XM\_CREATION\_OF\_SYSLOG received bad status from POST.

2187 MESSAGE The procedure XM\_START\_SYSTEM\_TRANS received an invalid parameter.

2188 MESSAGE The function XM\_LSID\_TO\_LSROW failed.

2189 MESSAGE The procedure XM\_ABORT\_SYSTEM\_TRANS received a bad PTR as a parameter.

2190 MESSAGE The routine XM\_CLOSESYSLOG failed because an unexpected escape occurred.

2191 MESSAGE The procedure recovery received a bad status from DISC\_SM\_START\_READ.

2192 MESSAGE The procedure XM\_RECOVERY\_SETUP received a bad status from CREATE\_OBJECT.

2193 MESSAGE Unexpected escape into routine XM\_CHECKPOINT system log.

2194 MESSAGE The procedure STARTINSTALL had an unexpected escape.

2195 MESSAGE The procedure RESETINSTALL had an unexpected escape.

2196 MESSAGE The procedure SYSLOGMEMO received a bad volume ID from VOLUME MANAGEMENT.

2197 MESSAGE The procedure SYSLOGMEMO had an unexpected escape.

2198 MESSAGE An error was received from NOTIFY DISPATCHER.

2199 MESSAGE XM\_ABORT\_SYSTEM\_TRANS procedure had an unexpected escape.

2200 MESSAGE Procedure XM\_ABORT\_STALLED\_TRANSACTION was invoked.

2201 MESSAGE The procedure XM\_RECOVERY had an unexpected escape from MOVE\_FAST.

2401 MESSAGE An unexpected escape was encountered in CM\_PROCESS\_SERVER.

2402	MESSAGE	PREP_CM_SERVER can not copy the message into a message frame from the target port's pool.
2403	MESSAGE	PREP_CM_SERVER encountered an unexpected escape from SWITCH.
2404	MESSAGE	The message threshold of the target port can not be changed; bad status from PORT_CONTROL.
2405	MESSAGE	Creation of CM_PORT failed.
2406	MESSAGE	An unexpected escape was encountered in CREATE_CM_SVR.
2407	MESSAGE	Creation of a PFP port was unsuccessful.
2409	MESSAGE	CREATE_PORT_DST can not create CONTEXT AREA TABLE for the DST.
2410	MESSAGE	CREATE_PORT_DST can not create the message pool for the DST.
2411	MESSAGE	CREATE_PORT_DST can not release the data segment while recovering from an error.
2412	MESSAGE	CREATE_PORT_DST can not release the port DST extension area while recovering from an error.
2413	MESSAGE	DISCARD_REF can not release the caller's message frame.
2414	MESSAGE	GET_MSG_REF can not locate the port's DST.
2415	MESSAGE	GET_MSG_REF can not get message frame from the port's message pool.
2416	MESSAGE	GET_MSG_REF_NW can not locate the port's DST.
2417	MESSAGE	GET_MSG_REF_NW can not get a message frame from the port's message pool.
2418	MESSAGE	KILL_PFP_CM got an unexpected error from KILL_PFP.
2419	MESSAGE	The type of information requested by the caller is unknown to NEW_PORT_STATUS.
2420	MESSAGE	NEW_PORT_STATUS can not locate the caller's DST.
2421	MESSAGE	NEW_PORT_STATUS encountered an unexpected escape.
2422	MESSAGE	NO_CHK_SEND_DB can not send a message to the target port.
2423	MESSAGE	NO_CHK_SEND_Q can not send message to the target port.

2424 MESSAGE NO\_CHK\_SEND\_REF can not send a message to the target port.

2425 MESSAGE NO\_CHK\_SEND\_S can not send a message to the target port.

2426 MESSAGE PORT\_DST\_STAT can not locate the caller's DST; bad status was returned by CONVERT\_DST.

2427 MESSAGE PORT\_DISABLE can not disable CM port; bad status was returned by CHANGE\_PORT\_STATE.

2428 MESSAGE PORT\_ENABLE can not enable CM port; bad status was returned by CHANGE\_PORT\_STATE.

2429 MESSAGE PORT\_MASK\_DIS can not disable subqueues requested by the caller; bad status from CHANGE\_SUBQUEUE.

2430 MESSAGE PORT\_MASK\_EN can not enable the subqueues request by the caller; bad status was returned by CHANGE\_SUBQUEUE.

2431 MESSAGE RECEIVE\_DB can not enable the port's subqueues; bad status was returned by CHANGE\_SUBQUEUE.

2432 MESSAGE RECEIVE\_DB can not get the length of the caller's DST; bad status was returned by MAX\_DST\_SIZE.

2433 MESSAGE RECEIVE\_DB can not locate the caller's DST; bad status was returned by CONVERT\_DST.

2434 MESSAGE RECEIVE\_DB can not get a message from the target port due to an unexpected error in RECEIVE\_MESSAGE.

2435 MESSAGE RECEIVE\_DB can not restore the port's original subqueue mask.

2436 MESSAGE RECEIVE\_Q can not enable the port's subqueues as requested by the caller.

2437 MESSAGE RECEIVE\_Q can not get a message from the target port due to a unexpected error in RECEIVE\_MSG.

2438 MESSAGE RECEIVE\_Q can not restore the port's original subqueue mask.

2439 MESSAGE RECEIVE\_S can not enable the port's subqueues as requested by the caller.

2440 MESSAGE RECEIVE\_S can not get a message from the target port due to an unexpected error in RECEIVE\_MSG.

2450 MESSAGE RECEIVE\_S can not restore the port's original subqueue mask as requested by the caller.

2451 MESSAGE RECEIVE\_REF can not enable the port's subqueues as requested by the caller.

2452 MESSAGE RECEIVE\_REF can not get a message from the target port due to an unexpected error in RECEIVE\_MSG.

2453 MESSAGE RECEIVE\_REF can not restore the port's original subqueue mask as requested by the caller.

2454 MESSAGE GET\_DB\_MSG(RECEIVE\_W\_DB) can not get the length of the caller's DST; bad status was returned by MAX\_DST\_SIZE.

2455 MESSAGE GET\_DB\_MSG(RECEIVE\_W\_DB) can not locate the caller's DST; bad status was returned by CONVERT\_DST.

2456 MESSAGE **GET\_DB\_MSG(RECEIVE\_W\_DB) can not receive a message from the target port as requested by the caller.**

2457 MESSAGE RECEIVE\_W\_DB can not enable the port's subqueues as requested by the caller.

2458 MESSAGE RECEIVE\_W\_DB can not restore the port's original subqueue mask.

2459 MESSAGE GET\_Q\_MSG(RECEIVE\_W\_Q) can not receive a message from the target port; bad status was received from RECEIVE\_MSG.

2460 MESSAGE RECEIVE\_W\_Q can not enable the port's subqueues as requested by the caller.

2461 MESSAGE RECEIVE\_W\_Q can not restore the port's original subqueue mask; bad status was returned by CHANGE\_SUBQUEUE.

2462 MESSAGE The procedure GET\_S\_MSG(RECEIVE\_W\_S) can not receive a message from the target port; bad status was returned by RECEIVE\_MSG.

2463 MESSAGE RECEIVE\_W\_S can not enable the port's subqueues requested by the caller.

2464 MESSAGE RECEIVE\_W\_S can not restore the port's original subqueue mask; bad status was returned by CHANGE\_SUBQUEUE.

2465 MESSAGE REPLACE\_DB can not insert a message to the target port; bad status was returned by INSERT\_MSG.

2466 MESSAGE REPLACE\_Q can not insert a message to the

target port; bad status was returned by  
INSERT\_MSG.

2467 MESSAGE REPLACE\_REF can not insert a message to the  
target port; bad status was returned by  
INSERT\_MSG.

2468 MESSAGE REPLACE\_S can not insert a message to the  
target port; bad status was returned  
by INSERT\_MSG.

2469 MESSAGE SEND\_DB can not send a message to the target  
port; bad status was returned by  
SEND\_MESSAGE.

2470 MESSAGE SEND\_Q can not send a message to the target  
port; bad status was returned by SEND\_MSG.

2471 MESSAGE SEND\_REF can not send a message to the target  
port; bad status was returned by SEND\_MSG.

2472 MESSAGE SEND\_S can not send a message to the target  
port; bad status was returned by SEND\_MSG.

2473 MESSAGE SET\_PORT\_MASK can not change a port's  
subqueue mask; bad status was returned by  
CHANGE\_SUBQUEUE.

2474 MESSAGE STUFF\_RIGHT\_HALF\_WORD is too large a number  
to fit into a shortint.

2475 MESSAGE IOWAIT\_PORT\_SERVER caused an unexpected  
escape.

2476 MESSAGE CHANGE\_IOWAIT\_NM caused an unexpected escape.

2477 MESSAGE CHECK\_IO\_COUNT caused an unexpected escape.

2478 MESSAGE CREATE\_IOWAIT failed for reasons other than  
an exhausted port DST.

2479 MESSAGE CREATE\_IOWAIT can not release the acquired  
resources after creation of the port failed  
due to an exhausted port DST.

2480 MESSAGE CREATE\_TO\_WAIT\_COMPLETOR can not create the  
context area for the completor; bad status  
was returned by CREATE\_OBJECT.

2481 MESSAGE CREATE\_IO\_WAIT\_COMPLETOR failed and can not  
release the context area; bad status was  
returned by RELEASE\_OBJECT.

2482 MESSAGE CREATE\_IO\_WAIT\_COMPLETOR failed, causing an  
unexpected escape while releasing  
resources.

2483 MESSAGE ABORT\_CM\_TIMER could not abort an unarmed

timer entry; possibly already released.

2484 MESSAGE ABORT\_CM\_TIMER caused an unexpected escape.

2485 MESSAGE DISABLE\_IOWAIT caused an unexpected escape.  
CAUSE **Either the operating system software or an operating system data structure has been corrupted.**

2486 MESSAGE ENABLE\_IOWAIT caused an unexpected escape.

2487 MESSAGE INC\_IO\_COUNT was unable to convert IOWAIT port number to completion index; bad status was returned by HASH\_FIND.

2488 MESSAGE INIT\_CM\_PORT can not create CM PORT object; bad status returned by CREATE\_OBJECT.

2489 MESSAGE INIT\_CM\_PORT caused an unexpected escape; could be from creating IOWAIT HASH TABLE, IOWAIT COMPLETOR TABLE, dictionary structure, or CM PORT DESCRIPTOR TABLE; cause of escape in second parameter.

2490 MESSAGE INVOKE\_CM\_COMPLETOR(INVOKE\_IOWAIT) can not get message from the completor's port; bad status returned by RECEIVE\_MSG.

2500 MESSAGE INVOKE\_CM\_COMPLETOR(INVOKE\_IOWAIT) can not find the length of the data segment; bad status returned by MAX\_DST\_SIZE.

2501 MESSAGE INVOKE\_CM\_COMPLETOR(INVOKE\_IOWAIT) just finished executing CM COMPLETOR in an attempt to release message frame; bad status returned by REL\_MSG\_FRAME.

2502 MESSAGE REL\_CM\_TIMER caller is trying to release an unarmed timer; possibly already released.

2503 MESSAGE REL\_CM\_TIMER can not release timer due to unexpected error in RELEASE\_TIMER.

2504 MESSAGE REL\_CM\_TIMER can not release CM Timer entry to CMPORTS TIMER TABLE; bad status returned by  
RELEASE\_TABLE\_ENTRY.

2505 MESSAGE START\_CM\_TIMER can not get timer; bad status returned by GET\_TIMER.

2506 MESSAGE START\_CM\_TIMER can not get entry from CM TIMER TABLE; escape caused by  
GET\_TABLE\_ENTRY.

2507 MESSAGE CREATE\_CM\_PORT\_DICTIONARY is unable to create symbol data for the CMPORTS dictionary; unexpected escape from either CREATE\_OBJECT



or SYMBOL TABLE.

2508 MESSAGE CREATE\_CM\_PORT\_CLASS\_DICTIONARY is unable to create SYMBOL TABLE for Class Name Dictionary; unexpected escape received from either CREATE\_OBJECT or SYMBOL TABLE.

2509 MESSAGE DICT\_ADD can not lock CMPORTS Dictionary; bad status returned by STLOCK.

2510 MESSAGE DICT\_ADD can not unlock CMPORTS Dictionary; bad status returned by STUNLOCK.

2511 MESSAGE DICT\_DELETE can not lock CMPORTS Dictionary; bad status returned by STLOCK.

2512 MESSAGE DICT\_DELETE can not unlock CMPORTS Dictionary; bad status returned by STUNLOCK.

2513 MESSAGE DICT\_FIND can not lock CMPORTS Dictionary; bad status returned by STLOCK.

2514 MESSAGE DICT\_FIND can not unlock CMPORTS Dictionary; bad status returned by STUNLOCK.

2515 MESSAGE DICT\_UPDATE can not lock CMPORTS Dictionary; bad status returned by STLOCK.

2516 MESSAGE DICT\_UPDATE can not unlock CMPORTS Dictionary; bad status returned by STUNLOCK.

2517 MESSAGE DICT\_SEND can not lock CMPORTS Dictionary; bad status returned by STLOCK.

2518 MESSAGE DICT\_SEND can not unlock CMPORTS Dictionary; bad status returned by STUNLOCK.

2519 MESSAGE DICT\_SEND is unable to send a message to the port for reasons other than non-existent port; bad status returned by SEND\_MSG.

2520 MESSAGE ADD\_CMPORT\_CLS can not lock SYMBOL TABLE for CMPORTS Class Name Dictionary; bad status returned by STLOCK.

2521 MESSAGE ADD\_CMPORT\_CLS can not add key to CMPORTS CLASS NAME SYMBOL TABLE; bad status returned by STADDKEY.

2522 MESSAGE ADD\_CMPORT\_CLS can not unlock CMPORTS CLASS NAME SYMBOL TABLE; bad status returned by STUNLOCK.

2523 MESSAGE DEL\_CMPORT\_CLS can not lock SYMBOL TABLE for CMPORTS Class Name Dictionary; bad status returned by STLOCK.

2524 MESSAGE DEL\_CMPORT\_CLD can not delete key from  
CMPORTS CLASS NAME SYMBOL TABLE; bad status  
returned by STDELKEY.

2525 MESSAGE DEL\_CMPORT\_CLS can not unlock CMPORTS CLASS  
NAME SYMBOL TABLE; bad status returned by  
STUNLOCK.

2526 MESSAGE BUILD\_CM\_PORT\_DESC can not create CMPORTS  
descriptor object; bad status returned by  
CREATE\_OBJECT.

2527 MESSAGE BUILD\_CM\_PORT\_DESC is unable to build  
DESCRIPTOR TABLE; unexpected escape caused by  
HASH\_CREATE\_TABLE or CREATE\_TABLE.

2528 MESSAGE DEALLOCATE\_CM\_PORT\_DESC\_ENTRY can not  
deallocate CMPORTS descriptor entry due to an  
unexpected escape.

2529 MESSAGE CREATE\_CM\_PORT can not lock Class Name  
Dictionary to get the parameters needed to  
call CREATE\_CM\_SVR; bad status returned by  
STLOCK.

2530 MESSAGE The port is already created, but can not  
unlock the Class Name Dictionary; bad status  
returned by STUNLOCK.

2531 MESSAGE CREATE\_IO\_WAIT can not lock Class Name  
Dictionary to get the parameters needed to  
call CREATE\_IOWAIT; bad status returned by  
STLOCK.

2532 MESSAGE The port already has been created, but can  
not unlock the Class Name Dictionary; bad  
status returned by STUNLOCK.

2533 MESSAGE The IOWAIT port still has outstanding I/O;  
cannot be deleted.

2534 MESSAGE DELETE\_PORT just finished purging the port in  
the process of releasing its DST, but  
PURGE\_POOL failed.

2535 MESSAGE DELETE\_CMPORT can not release the port's DST  
(purge pending and no longer in use); bad  
status returned by RELDATASEG.

2536 MESSAGE DELETE\_CMPORT can not release the port's DST  
extension area; bad status returned by  
RELEASE\_OBJECT.

2537 MESSAGE The port is an NM IOWAIT port, and a context  
area was created for it; can not release that  
context area; bad status returned by

RELEASE\_OBJECT.

2538 MESSAGE DELETE\_CMPORT escaped due to an unknown cause.

2539 MESSAGE DEL\_CMPORT\_DST can not get address of the DST to be deleted; bad status returned by CONVERT\_DST.

2540 MESSAGE DEL\_CMPORT\_DST can not purge the message pool in the DST; bad status returned by PURGE\_POOL.

2541 MESSAGE DEL\_CMPORT\_DST can not release the port DST; bad status returned by RELDATASEG.

2542 MESSAGE DEL\_CMPORT\_DST can not release the DST expansion area; bad status returned by RELEASE\_OBJECT.

2543 MESSAGE PORT\_IS\_CM\_PORT is trying to find port in CMPORTS DESCRIPTOR HASH TABLE; expect status=ALL\_OK if port is found, or status=ENTRY\_NOT\_FOUND if it isn't, but the status we get from the HASH TABLE is neither of the two.

2550 MESSAGE GETSIR returned a bad status to the fast switch stub.

CAUSE **Either the operating system software or an operating system data structure has been corrupted.**

2551 MESSAGE RELSIR returned a bad status to the fast switch stub.

CAUSE **Either the operating system software or an operating system data structure has been corrupted.**

2559 MESSAGE A COMPATIBILITY MODE sudden death has occurred. The error number displayed on the console is the sudden death number.

CAUSE **Either the operating system software or an operating system data structure has been corrupted.**

2560 MESSAGE ALTER\_STACK\_LIMITS failed when changing the CM stack's virtual address.

CAUSE **Either the operating system software or an operating system data structure has been corrupted.**

2561 MESSAGE ALTER\_OBJECT\_SIZE failed when changing the size of the CM stack's virtual object.

CAUSE **Either the operating system software or an operating system data structure has been corrupted.**

2562	MESSAGE	DBG_RESET_TOS_DATA_BP failed when setting the data BP for CM stack overflow.
	CAUSE	<b>Either the operating system software or an operating system data structure has been corrupted.</b>
2563	MESSAGE	ALTER_STACK_LIMITS failed when changing the size of the CM stack's data segment.
	CAUSE	<b>Either the operating system software or an operating system data structure has been corrupted.</b>
2564	MESSAGE	A routine called by BUILD_CM_STACK returned an error when it should not have.
	CAUSE	<b>Either the operating system software or an operating system data structure has been corrupted.</b>
2565	MESSAGE	LOCK_OBJ_IN_VPN_CACHE failed when locking a newly active PCBX page into the VPN cache.
	CAUSE	<b>Either the operating system software or an operating system data structure has been corrupted.</b>
2584	MESSAGE	GET_TABLE_ENTRY returned a DST entry which was already in use.
	CAUSE	<b>Either the operating system software or an operating system data structure has been corrupted.</b>
2585	MESSAGE	LOCK_OBJ_IN_VPN_CACHE failed when creating a new data segment.
	CAUSE	<b>Either the operating system software or an operating system data structure has been corrupted.</b>
2586	MESSAGE	RELEASE_OBJECT failed when releasing the virtual object for a data segment.
	CAUSE	<b>Either the operating system software or an operating system data structure has been corrupted.</b>
2587	MESSAGE	RELEASE_TABLE_ENTRY failed when releasing a DST entry.
	CAUSE	<b>Either the operating system software or an operating system data structure has been corrupted.</b>
2588	MESSAGE	RELEASE_OBJECT failed when releasing the virtual object for a CSTX.
	CAUSE	<b>Either the operating system software or an operating system data structure has been corrupted.</b>
2589	MESSAGE	GET_TABLE_ENTRY returned a CST entry which was already in use.
	CAUSE	<b>Either the operating system software or an operating system data structure has been corrupted.</b>

2590	MESSAGE	RELEASE_TABLE_ENTRY failed when releasing a CST entry.
	CAUSE	<b>Either the operating system software or an operating system data structure has been corrupted.</b>
2591	MESSAGE	CREATE_OBJECT failed when creating the temporary CST for the CME.
	CAUSE	<b>Either the operating system software or an operating system data structure has been corrupted.</b>
2592	MESSAGE	CREATE_OBJECT failed when creating the DST.
	CAUSE	<b>Either the operating system software or an operating system data structure has been corrupted.</b>
2593	MESSAGE	CREATE_TABLE failed when initializing the free list of the CST.
	CAUSE	<b>Either the operating system software or an operating system data structure has been corrupted.</b>
2594	MESSAGE	CREATE_TABLE failed when initializing the free list of the DST.
	CAUSE	<b>Either the operating system software or an operating system data structure has been corrupted.</b>
2595	MESSAGE	LOCK_OBJ_IN_VPN_CACHE failed when locking the SL into the VPN cache.
	CAUSE	<b>Either the operating system software or an operating system data structure has been corrupted.</b>
2900	MESSAGE	Buffer header corruption is detected.
	CAUSE	<b>TURBO IMAGE/XL internal error.</b>
2901	MESSAGE	NM'DBPROCTERM failed to deallocate DBU.
	CAUSE	<b>TURBO IMAGE/XL internal error.</b>
2902	MESSAGE	NM'DBPROCTERM failed to deallocate DBR.
	CAUSE	<b>TURBO IMAGE/XL internal error.</b>
3020	MESSAGE	The NS/3000-XL Network Interface (NI) module has detected a fatal error.
3040	MESSAGE	The NS/3000-XL Internet Protocol (IP) module has detected a fatal error.
3060	MESSAGE	The NS/3000-XL MAPPING TABLE module has detected a fatal error.
3080	MESSAGE	The NS/3000-XL Transmission Control Protocol (TCP) has detected a fatal error.
3081	MESSAGE	Unknown SIP message received by TCP PM.

3082	MESSAGE	Unknown XPORT message received by TCP PM.
3083	MESSAGE	Unknown buffer manager message received by TCP PM.
3084	MESSAGE	Unknown net IPC message received by TCP PM.
3085	MESSAGE	Unknown message received by TCP PM.
3086	MESSAGE	TCP PM received a data packet while closed.
3087	MESSAGE	TCP PM received a data packet while listening.
3088	MESSAGE	TCP PM received a data packet while SYN'RECVD1.
3089	MESSAGE	Invalid buffer in reply message to TCP PM.
3090	MESSAGE	Message received by TCP PM before initialization.
3091	MESSAGE	TCP PM has no free retransmission queue entries.
3092	MESSAGE	Appending one TCP PM packet to another failed.
3093	MESSAGE	Appending one TCP PM receive queue entry to another failed.
3094	MESSAGE	Getting TCP PM receive queue entry failed.
3095	MESSAGE	Removing TCP PM dictionary entry failed.
3096	MESSAGE	Bad TCP PM acknowledgement timer popped.
3097	MESSAGE	Bad TCP PM retransmission timer popped.
3098	MESSAGE	Bad TCP PM connection assurance timer popped.
3099	MESSAGE	No TCP PM receive queue entries available.
3100	MESSAGE	Updating TCP PM receive queue entry link failed.
3101	MESSAGE	TCP PM generates a connection assurance packet when one already exists.
3102	MESSAGE	TCP PM received unexpected GET_BUFFER error.
3103	MESSAGE	TCP PM data SEND to net IPC failed.
3104	MESSAGE	TCP PM SEND to IP failed.
3105	MESSAGE	TCP PM urgent data SEND to net IPC failed.
3106	MESSAGE	TCP PM fragment SEND to IP failed.
3107	MESSAGE	TCP PM failed to get valid user data pointer.
3108	MESSAGE	TCP PM reply to net IPC failed.

3109 MESSAGE TCP PM has too many data descriptors.  
3110 MESSAGE Bad TCP PM wait timer popped.  
3200 MESSAGE Invalid control message received by PXP SIP.  
3201 MESSAGE Invalid SIP message received by PXP SIP.  
3202 MESSAGE Invalid XPORT message received by PXP SIP.  
3203 MESSAGE Invalid net IPC message received by PXP SIP.  
3204 MESSAGE Invalid message received by PXP SIP.  
3205 MESSAGE Message received by PXP SIP before  
initialization.  
3206 MESSAGE Deleting PXP SIP DST TABLE entry failed.  
3207 MESSAGE Adding a PXP SIP socket queue element failed.  
3208 MESSAGE Invalid SIP close message received by PXP  
SIP.  
3209 MESSAGE Adding PXP SIP DST TABLE entry failed.  
3210 MESSAGE Deleting a PXP SIP socket queue element  
failed.  
3211 MESSAGE Deleting the PXP SIP dictionary entry failed.  
3212 MESSAGE Adding the PXP SIP dictionary entry failed.  
3300 MESSAGE Message received by PXP PM before  
initialization.  
3301 MESSAGE Unknown SIP message received by PXP PM.  
3302 MESSAGE Unknown buffer manager message received by  
PXP PM.  
3303 MESSAGE Unknown net IPC message received by PXP PM.  
3304 MESSAGE Unknown message received by PXP PM.  
3305 MESSAGE Unknown XPORT message received by PXP PM.  
3306 MESSAGE Getting a PXP PM retransmission queue element  
failed.  
3307 MESSAGE Incorrect number of PXP PM data descriptors.  
3308 MESSAGE Copying send data failed in PXP PM.  
3309 MESSAGE Building the PXP PM reply header failed.  
3310 MESSAGE Copying data for first reply message failed  
in PXP PM.  
3311 MESSAGE Copying data for reply message failed in PXP  
PM.  
3312 MESSAGE Deleting a PXP PM retransmission queue

element failed.

3313 MESSAGE Getting a PXP PM receive queue element failed.

3314 MESSAGE Invalid buffer reply message received by PXP PM.

3315 MESSAGE Accessing a PXP PM retransmission queue element failed.

3316 MESSAGE Accessing a PXP PM receive queue element failed.

3317 MESSAGE Deleting a PXP PM dictionary entry failed.

3400 MESSAGE Message received by TCP SIP before initialization.

3401 MESSAGE Unknown CONTROL message received by TCP SIP.

3402 MESSAGE Unknown SIP message received by TCP SIP.

3403 MESSAGE Unknown XPORT message received by TCP SIP.

3404 MESSAGE Unknown net IPC message received by TCP SIP.

3405 MESSAGE Adding TCP SIP socket queue entry failed.

3406 MESSAGE Adding TCP SIP dictionary entry failed.

3407 MESSAGE Removing call socket dictionary entry failed.

3408 MESSAGE Removing call socket dictionary entry because of a failure error.

3409 MESSAGE Purging a TCP PM port failed.

3410 MESSAGE Deleting TCP SIP connection queue entry failed.

3411 MESSAGE Removing TCP SIP dictionary entry failed.

3412 MESSAGE Creating initiating TCP PM port failed.

3413 MESSAGE Adding initiating TCP PM connection queue entry failed.

3414 MESSAGE Unknown buffer manager message received by TCP SIP.

3415 MESSAGE Adding responding TCP PM connection queue entry failed.

3416 MESSAGE Creating responding TCP PM port failed.

3890 MESSAGE The buffer pool that is managed by BMGR has detected either a corrupt allocation map or an attempt to free a freed buffer.

CAUSE **Networking code is trying to free a freed buffer and BMGR causes this abot..**



	ACTION	<b>Take a system dump; contact HP support and reboot your system.</b>
5050	MESSAGE	An irrecoverable internal error occurred within the DHCF/XL subsystem after the console operator specified the system should fail in such an event.
	CAUSE	<b>The DHCF/XL trap handler was invoked after the subsystem had been started with "ERROPT=SYS" specified in the DHCF CONTROL START command.</b>
	ACTION	<b>Take a system dump; restart your system using the default "ERROPT=SUB" parameter and the system will continue operating.</b>



# **6 Volume II Chapter 5**

## System Shutdown

### (shut)

1	MESSAGE	Shutdown of operating system begins. (Shut 1)
	CAUSE	<b>=SHUTDOWN has been typed on the physical console. This is the first normal shutdown message.</b>
	ACTION	None.
2	MESSAGE	Shutdown of user processes begins. (Shut 2)
	CAUSE	<b>User processes are about to be shutdown. This is a normal shutdown message.</b>
	ACTION	None.
3	MESSAGE	Shutdown of jobs & sessions begins. (Shut 3)
	CAUSE	<b>All active jobs &amp; sessions are about to be logged off. This is a normal shutdown message.</b>
	ACTION	None.
4	MESSAGE	Shutdown of system processes begins. (Shut 4)
	CAUSE	<b>Non-FOS processes are about to be shutdown. This is a normal shutdown message.</b>
	ACTION	None.
5	MESSAGE	Shutdown of system managers begins. (Shut 5)
	CAUSE	<b>FOS processes are about to be shutdown. This is a normal shutdown message.</b>
	ACTION	None.
6	MESSAGE	Shutdown of operating system complete. (Shut 6)
	CAUSE	<b>All appropriate processes have been notified of a shutdown. This is the last normal shutdown message.</b>
	ACTION	None.
7	MESSAGE	User pin number ! timed out. (Shut 7)
8	MESSAGE	User pin number ! reported an error to shutdown. (Shut 8)
9	MESSAGE	System pin number ! timed out. (Shut 9)
	CAUSE	<b>A system process failed to return a status reply to shutdown within 5 minutes of being notified of a shutdown.</b>
	ACTION	<b>Take a dump of the system. Write down all console</b>

		<b>messages.</b>
10	MESSAGE	System pin number ! reported an error to shutdown. (Shut 10)
	CAUSE	<b>A system process sent bad status back to shutdown.</b>
	ACTION	<b>Take a dump of the system. Write down all console messages.</b>
11	MESSAGE	System manager reported an error during shutdown. (Shut 11)
	CAUSE	<b>A FOS process has sent bad status back to shutdown.</b>
	ACTION	<b>Take a dump of the system. Write down all console messages.</b>
12	MESSAGE	Jobs reported an error during shutdown. (Shut 12)
	CAUSE	<b>Jobmain sent bad status back to shutdown.</b>
	ACTION	<b>Take a dump of the system. Write down all console messages.</b>
13	MESSAGE	Sessions reported an error during shutdown. (Shut 13)
	CAUSE	<b>Sessionmain sent bad status back to shutdown.</b>
	ACTION	<b>Take a dump of system. Write down all console messages.</b>
14	MESSAGE	Jobs timed out during shutdown. (Shut 14)
	CAUSE	<b>Jobmain didn't return status to shutdown within 15 minutes of being notified of a shutdown.</b>
	ACTION	<b>Take a dump of the system. Write down all console messages.</b>
15	MESSAGE	Sessions timed out during shutdown. (Shut 15)
	CAUSE	<b>Sessionmain didn't return status to shutdown within 15 minutes of being notified of a shutdown.</b>
	ACTION	<b>Take a dump of the system. Write down all console messages.</b>
16	MESSAGE	Spoolers notified of a shutdown. (Shut 16)
	CAUSE	<b>Spooler processes are about to be shutdown. This is a normal shutdown message.</b>
	ACTION	<b>None.</b>
17	MESSAGE	A component exceeded the maximum allowed time. (Shut 17)
	CAUSE	<b>A reply or timeout from an unknown process.</b>
	ACTION	<b>Take a dump of the system. Write down all console</b>

		<b>messages.</b>
18	MESSAGE	Error occurred during shutdown of job & sessions. (Shut 18)
	CAUSE	<b>No reply to shutdown from Jobs/Sessions within 15 minutes of being notified of a shutdown.</b>
	ACTION	<b>Take a dump of the system. Write down all console messages.</b>
19	MESSAGE	A system manager timed out during shutdown. (Shut 19)
	CAUSE	<b>A FOS process failed to return a status reply to shutdown within 5 minutes of being notified of a shutdown.</b>
	ACTION	<b>Take a dump of the system. Write down all console messages.</b>

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## Store/Restore (Compatibility Mode)

### (S/R)

1001	MESSAGE	READ ACCESS FAILURE
1002	MESSAGE	ACCESS #10 FAILURE ON FILE
1003	MESSAGE	ACCT
1004	MESSAGE	ACCESS DATE IS
1005	MESSAGE	CREATION DATE IS
1006	MESSAGE	CREATOR
1007	MESSAGE	DEFECTIVE FILE LABEL
1008	MESSAGE	DIRECSAN RETURNED AN ERROR
1009	MESSAGE	ERROR SCANNING DIRECTORY, LAST FILE SEEN:
1010	MESSAGE	FILE
1011	MESSAGE	FILE IS BUSY
1012	MESSAGE	FILE CODE < 0, AND YOU DO NOT HAVE PM CAPABILITY
1013	MESSAGE	FILE CODE
1014	MESSAGE	FILE IS OPEN FOR READ/WRITE
1015	MESSAGE	FILE IS OPEN FOR READ
1016	MESSAGE	FILE IS OPEN FOR WRITE
1017	MESSAGE	GROUP
1018	MESSAGE	FILENAME.GROUP.ACCOUNT
1019	MESSAGE	STORE/RESTORE TAPE VERSION:
1020	MESSAGE	IN-USE BY A RESTORE PROCESS
1021	MESSAGE	IN-USE BY A STORE PROCESS
1022	MESSAGE	LABEL OF FILE COULD NOT BE READ
1023	MESSAGE	LABEL OF FILE COULD NOT BE WRITTEN
1024	MESSAGE	LOCKWORD MISMATCH
1025	MESSAGE	MODIFICATION DATE IS
1026	MESSAGE	NOT IN DIRECTORY
1027	MESSAGE	NOT RESTORED:
1028	MESSAGE	NOT STORED:
1029	MESSAGE	NOT UNLOCKED: LABEL WRITE FAILED

1030	MESSAGE	PROGRAM IS RUNNING/ALLOCATED
1031	MESSAGE	GROUP HOME VOLUME SET NOT MOUNTED
1032	MESSAGE	U N U S E D
1033	MESSAGE	WILL RESTORE
1034	MESSAGE	FILE IN USE FOR WRITING
1035	MESSAGE	NOT IN RANGE
1036	MESSAGE	FILES; NUMBER OF FILES ON TAPE =
1037	MESSAGE	RELEASED
1038	MESSAGE	NO FILES WERE FOUND TO RESTORE
1039	MESSAGE	NO FILES WERE FOUND TO STORE
1040	MESSAGE	ERROR READING DISK:
1041	MESSAGE	ERROR WRITING DISK:
1042	MESSAGE	LDEV/ADDRESS=
1043	MESSAGE	U N U S E D
1044	MESSAGE	SECTORS=
1045	MESSAGE	ERROR=
1046	MESSAGE	CURRENT TITLE:
1047	MESSAGE	LAST TITLE SEEN:
1048	MESSAGE	FAILED TO RESTORE
1049	MESSAGE	FAILED TO STORE
1050	MESSAGE	ERROR READING FROM DISK
1051	MESSAGE	FILES RESTORED:
1052	MESSAGE	FILES STORED:
1053	MESSAGE	FILES NOT ON TAPE:
1054	MESSAGE	FILES NOT STORED:
1055	MESSAGE	FILES FAILED TO RESTORE:
1056	MESSAGE	FILES FAILED TO STORE:
1057	MESSAGE	ERROR READING FROM TAPE
1058	MESSAGE	FILENAME.GROUP .ACCOUNT LDN ADDRESS REEL SECTORS CODE
1059	MESSAGE	SIZE TYP EOF LIMIT R/B #X/MX
1060	MESSAGE	CREATED ACCESSED MODIFIED
1061	MESSAGE	FAILED TO OPEN FILE
1062	MESSAGE	NOT ON TAPE



1063 MESSAGE YOU DO NOT HAVE READ ACCESS TO THIS FILE  
1064 MESSAGE YOU DO NOT HAVE WRITE ACCESS TO THIS FILE  
1065 MESSAGE EXPECTED  
1066 MESSAGE FOUND:  
1067 MESSAGE ADDRESS OF FILE LABEL AND ADDRESS OF FIRST  
EXTENT DO NOT MATCH  
1068 MESSAGE LABEL ADDRESS  
1069 MESSAGE FIRST EXTENT ADDRESS  
1070 MESSAGE BAD FILE LABEL CHECKSUM  
1071 MESSAGE COMPUTED:  
1072 MESSAGE FROM LABEL:  
1073 MESSAGE WRONG FILENAME FOUND IN FILE LABEL  
1074 MESSAGE DISMOUNT OF PRIVATE VOLUME FAILED  
1075 MESSAGE NOT ALL SECTORS WRITTEN - FILE INCOMPLETE  
1076 MESSAGE ERROR VALIDATING  
1077 MESSAGE RESTORE ACROSS ACCOUNTS  
1078 MESSAGE NO SAVE ACCESS  
1079 MESSAGE DISK LOCKWORD VIOLATION  
1080 MESSAGE TAPE LOCKWORD VIOLATION  
1081 MESSAGE CAN'T PURGE;  
1082 MESSAGE NO READ ACCESS;  
1083 MESSAGE ACCESS VIOLATION  
1084 MESSAGE CREATOR CHANGED FROM  
1085 MESSAGE TO  
1086 MESSAGE U N U S E D  
1087 MESSAGE VOLUME SET  
1088 MESSAGE ; MOUNT FAILED  
1089 MESSAGE EOF MISSING AFTER TAPE FILE  
1090 MESSAGE ERROR READING TRAILING LABEL  
1091 MESSAGE ( FCHECK RETURNS )  
1092 MESSAGE ( BAD SIZE )  
1093 MESSAGE USER SPECIFIED  
1094 MESSAGE LOGON ACCOUNT ASSUMED  
1095 MESSAGE VALIDATION FAILED

1096 MESSAGE ERROR GETTING NEXT VOLUME. REEL #  
1097 MESSAGE END OF FILE ON LABELED TAPE  
1098 MESSAGE NO FILES RESTORED.  
1099 MESSAGE FAILED TO PURGE OLD DISK FILE  
1100 MESSAGE ERROR OCCURRED WHILE WRITING EOF TO FILE  
1101 MESSAGE ERROR OCCURRED WHILE SAVING RESTORED FILE  
1102 MESSAGE OLD COPY EXISTS; KEEP SPECIFIED  
1103 MESSAGE ACCT.GROUP  
1104 MESSAGE ACCT.USER  
1105 MESSAGE PROBLEM VERIFYING  
1106 MESSAGE ACCT EXISTS  
1107 MESSAGE USER  
1108 MESSAGE FILE IS LOADED  
1109 MESSAGE FILE ON TAPE COULD NOT BE LOCATED  
1110 MESSAGE CREATED  
1111 MESSAGE ; CREATION FAILED  
1112 MESSAGE IN  
1113 MESSAGE ERROR OCCURED WHILE DOING IO TO TAPE  
1114 MESSAGE ERROR OCCURED WHILE DOING FILE SKIP FORWARD  
1115 MESSAGE REAL TIME IS  
1116 MESSAGE CPU TIME IS  
1117 MESSAGE MICROSECONDS  
1118 MESSAGE THIS IS REEL NUMBER  
1119 MESSAGE DESIRED REEL IS NUMBER  
1120 MESSAGE FROM  
1121 MESSAGE PREVIOUS CATASTROPHIC ERROR  
1122 MESSAGE OUT OF ACCOUNT DISK SPACE  
1123 MESSAGE OUT OF GROUP DISK SPACE  
1124 MESSAGE ACCOUNT DOES NOT HAVE SAVE CAPABILITY  
1125 MESSAGE GROUP DOES NOT HAVE SAVE CAPABILITY  
1126 MESSAGE NO ROOM LEFT IN DIRECTORY  
1127 MESSAGE DIRECTORY ERROR  
1128 MESSAGE FILE BEING ACCESSED EXCLUSIVELY  
1129 MESSAGE DISK FILE LOCKWORD NOT MATCHED

1130 MESSAGE OUT OF DISK SPACE  
1131 MESSAGE TAPE ERROR OCCURRED  
1132 MESSAGE NOT PURGED:  
1133 MESSAGE DATABASES; NUMBER OF FILES ON TAPE =  
1134 MESSAGE DATABASES FAILED TO RESTORE:  
1135 MESSAGE DATABASE  
1136 MESSAGE NOT RESTORED BECAUSE OF ERROR  
1137 MESSAGE STORE OPERATION IS  
1138 MESSAGE % COMPLETE  
1139 MESSAGE LENGTH OF TAPE READ NOT MULTIPLE OF 128  
1140 MESSAGE 'SM' CAPABILITY REQUIRED  
1141 MESSAGE 'AM' OR 'SM' REQUIRED  
1142 MESSAGE DISK FILE CORRUPTED  
1143 MESSAGE BAD FILE SIZE  
1144 MESSAGE RESTORE OF FILE WAS ABORTED  
1145 MESSAGE CORRUPT PROCESS COMMUNICATION MESSAGE  
1146 MESSAGE BAD TAPE BLOCK STRUCTURE  
1147 MESSAGE THE LIMIT OF  
1148 MESSAGE CONSECUTIVE DEVICES HAS BEEN EXCEEDED (S/R  
1148)  
1149 MESSAGE CONCURRENT DEVICES HAS BEEN EXCEEDED (S/R  
1149)  
1150 MESSAGE WARNING - THERE ARE NOT ENOUGH FILES TO BE  
EVENLY DISTRIBUTED AMONG THE AVAILABLE  
CONCURRENT DEVICES  
1151 MESSAGE ONLY  
1152 MESSAGE CONCURRENT STORE PROCESSES WILL BE USED (S/R  
1152)  
1153 MESSAGE MOUNT NEXT REEL NUMBER  
1154 MESSAGE ON LDEV  
1155 MESSAGE MOUNT THE PREVIOUS TAPE REEL ON LDEV  
1156 MESSAGE STORE PROCESS  
1157 MESSAGE IS  
1158 MESSAGE "A"  
1159 MESSAGE "B"

1160 MESSAGE "C"  
1161 MESSAGE "D"  
1162 MESSAGE IS COMPLETE  
1163 MESSAGE FILE WAS NOT SUCCESSFULLY STORED  
1164 MESSAGE NOT ENOUGH RESOURCES WITHIN RESTORE  
1165 MESSAGE STORE/RESTORE INTERNAL ERROR NUMBER  
1166 MESSAGE FILENAME.GROUP.ACCOUNT REEL SECTORS CODE  
1167 MESSAGE WARNING : A MESSAGE FOR FILE NUMBER  
1168 MESSAGE COULD NOT BE FOUND (S/R 1168)  
4000 MESSAGE THE CURRENT STORE REEL IS LDEV ! IS  
BAD...PLEASE TAKE IT OFF THE TAPE DRIVE...IT  
IS NOT A PART OF THE CURRENT STORE TAPE SET.  
(S/R OFF)  
4001 MESSAGE MOUNT NEXT STORE REEL (!) ON LDEV#! (S/R  
4001)  
5001 MESSAGE EACH PART OF A FILESET MUST BE 8 OR FEWER  
CHARACTERS LONG (S/R 5001)  
5002 MESSAGE EMPTY PART FOUND IN FILESET (S/R 5002)  
5003 MESSAGE '\$' MAY NOT OCCUR WITH WILDCARDS (S/R 5003)  
5004 MESSAGE '\*' MAY NOT OCCUR WITH WILDCARDS (S/R 5004)  
5005 MESSAGE EXPECTED ALPHABETIC CHARACTER TO START  
FILESET (S/R 5005)  
5006 MESSAGE LOCKWORD MAY ONLY FOLLOW THE FILE PART OF A  
FILE TITLE (S/R 5006)  
5007 MESSAGE TOO MANY PERIODS (PARTS) IN FILESET (S/R  
5007)  
5008 MESSAGE IF A '\*' IS USED, IT MUST BE THE FIRST  
CHARACTER OF A FILESET (S/R 5008)  
5009 MESSAGE IF A '\$' IS USED, IT MUST BE THE FIRST  
CHARACTER OF A FILESET (S/R 5009)  
5010 MESSAGE ILLEGAL CHARACTER FOUND IN FILESET, EXPECTED  
ONE OF: A..Z, a..z, 0..9, @, ?, #, ., /, \*, OR  
\$ (S/R 5010)  
5011 MESSAGE ONE OR MORE REQUIRED PARAMETERS TO  
DISPLAY'TO'STANDARD WAS OMITTED (S/R 5011)  
6000 MESSAGE ERROR WHILE WRITING TO TAPE (S/R 6000)  
6001 MESSAGE SPECIAL CHARACTER IN TAPE FILE NAME (S/R  
6001)

6002 MESSAGE EXPECTED ALPHABETIC CHARACTER TO START TAPE  
NAME (S/R 6002)

6003 MESSAGE TAPE FILE NAME > 8 CHARACTERS LONG (S/R 6003)

6004 MESSAGE EXPECTED "\*" INDICATING BACK REFERENCE FOR  
TAPE FILE (S/R 6004)

6005 MESSAGE TAPE FILE NAME IS A REQUIRED PARAMETER (S/R  
6005)

6006 MESSAGE SEMICOLON REQUIRED BETWEEN KEYWORDS (S/R  
6006)

6007 MESSAGE HIT END-OF-FILE WRITING TO CANDIDATE FILE  
(S/R 6007)

6008 MESSAGE EXPECTED "FILES=" (S/R 6008)

6009 MESSAGE EXPECTED FILE COUNT LIMIT GREATER THAN 0 (S/R  
6009)

6010 MESSAGE EXPECTED ONE OF: DATE, FILES, ONERROR,  
PROGRESS, PURGE, RELEASE, SHOW (S/R 6010)

6011 MESSAGE \*MORE THAN ! PARAMETERS TO STORE COMMAND (S/R  
6011)

6012 MESSAGE FAILED TO CONVERT FILESET NAME INTO A  
'PATTERN' (S/R 6012)

6013 MESSAGE \*UNEXPECTED "=" WHILE PARSING FILE SET NAMES  
(S/R 6013)

6014 MESSAGE UNABLE TO OPEN LIST FILE. FORCED TO \$STDLIST  
(S/R 6014)

6015 MESSAGE INSUFFICIENT STACK TO DO STORE (S/R 6015)

6016 MESSAGE FOPTIONS ON TAPE WRONG - SHOULD BE NOCCTL,  
UNDEFINED RECORD FORMAT, BINARY, NEW, NOCCTL  
(S/R 6016)

6017 MESSAGE AOPTIONS ON TAPE WRONG - SHOULD BE WAIT,  
EXCLUSIVE, NO MULTIRECORD, UPDATE (S/R 6017)

6018 MESSAGE TAPE FILE EQUATION IS MISSING (S/R 6018)

6019 MESSAGE \*IRRECOVERABLE ERROR ON SCRATCH FILE - STORE  
STOPPED (S/R 6019)

6020 MESSAGE WARNING: OPERATION CONTINUING DESPITE DISK  
READ ERROR (S/R 6020)

6021 MESSAGE ('RELEASE' IS TRUE...ALL FILES ON TAPE ARE  
'PUBLIC') (S/R 6021)

6022 MESSAGE STORE/RESTORE, VERSION 3 (C) 1986  
HEWLETT-PACKARD CO.

## SVIPC

### (Subsystem 520)

This section presents error message for the SVIPC subsystem (Subsystem 520).

1	MESSAGE	Could not initialize SVIPC data structure (SVIPCERR 1)
	CAUSE	A call to <code>cb_init</code> failed when attempting to initialize a semaphore associated with a SVIPC data structure.
	ACTION	Examine the process error stack for the <code>cb_init</code> error to determine cause.
2	MESSAGE	SVIPC resource has been removed from the system (SVIPCERR 2)
	CAUSE	A SVIPC resource on which a process was waiting (message queue or semaphore) was removed from the system before the wait condition was satisfied.
	ACTION	Application dependent.
3	MESSAGE	SVIPC resource limits exceeded, cannot create (SVIPCERR 2)
	CAUSE	A <code>get()</code> call failed because the configured or system-imposed maximums for this type of SVIPC resource have been exceeded; there are no available entries in the SVIPC Entry Table, a new resource cannot be created.
	ACTION	Remove SVIPC resources which are no longer used from the system. If configured limits do not exceed system-imposed maximums, they may be increased, but only if no resources of that type are currently allocated on the system.
4	MESSAGE	Cannot create SVIPC resource <code>IPC_EXCL</code> ; entry already exists (SVIPCERR 4)
	CAUSE	A SVIPC <code>get()</code> call was made with the <code>IPC_CREAT</code> and <code>IPC_EXCL</code> flags specified, but an entry already existed for the specified key.
	ACTION	(Application dependent) Specify a different (unique) key on the <code>get()</code> call.
5	MESSAGE	Invalid mode specified on SVIPC <code>get()</code> call; does not match existing entry's access mode (SVIPCERR 5)
	CAUSE	A mode permissions mask was specified on a SVIPC <code>get()</code>

		call which is inconsistent (not a subset of and not equal to) with the mode mask with which the existing resource was created.
	ACTION	(Application dependent) Specify a mode mask which matches or is a subset of the mode mask for the existing SVIPC resource.
6	MESSAGE	Nonexistent key specified on a SVIPC get() call (SVIPCERR 6)
	CAUSE	A SVIPC get() call was made without IPC_CREAT specified, and no existing SVIPC resource entry was found with the specified key.
	ACTION	(Application dependent) Make sure the appropriate key was specified, or if a new resource should be created, make sure IPC_CREAT is specified in the flags.
7	MESSAGE	An invalid id was specified on a SVIPC call (SVIPCERR 7)
	CAUSE	The id specified on a SVIPC call was invalid. No entry exists with that id, or the resource associated with that id was removed from the system.
	ACTION	(Application dependent) Make sure that the appropriate id was specified on the SVIPC call. Verify that the associated resource still exists on the system.
8	MESSAGE	A key value of IPC_PRIVATE cannot be specified on a ipcrm command (SVIPCERR 8)
	CAUSE	An ipcrm command was issued with a key parameter, but the key was IPC_PRIVATE. Only global keys or a valid id may be specified with ipcrm.
	ACTION	If the resource was created with the IPC_PRIVATE key, then the id must be specified on the ipcrm command. Otherwise, the correct global key value (or id) must be specified.
9	MESSAGE	The SVIPC resource associated with id is pending removal and cannot be accessed (SVIPCERR )
	CAUSE	A SVIPC call was made with an id whose associated resource is in the process of being removed from the system (due to a previous remove command). The resource cannot be accessed.
	ACTION	Application dependent.
10	MESSAGE	The SVIPC resource associated with key has been removed from the system (SVIPCERR 10)
	CAUSE	During processing of a SVIPC get() request, a resource

		<b>entry with a matching key was found, but another process removed the resource from the the system before the cb_lock semaphore for the entry could be obtained.</b>
	ACTION	<b>Application dependent.</b>
11	MESSAGE	The calling process for a SVIPC ctl() call does not have appropriate privilege or access to the associated resource (SVIPCERR 11)
	CAUSE	<b>A SVIPC ctl() was made with a command to alter an existing SVIPC resource, and the calling process was not the owner or the creator of the resource or does not have SM capability.</b>
	ACTION	<b>Application dependent. Make the ctl() call to alter or remove the existing resource from a process with a UID that matches the current owner or creator of the resource, or from a process that has SM capability.</b>
12	MESSAGE	Error accessing the SVIPC KPO pointer (SVIPCERR 12)
	CAUSE	<b>An error was encountered when attempting to access the SVIPC KPO pointer from a get_kpo_pointer call.</b>
	ACTION	<b>Examine the process error stack to determine the error encountered by get_kpo_pointer.</b>
13	MESSAGE	SVIPC KSO does not exist (SVIPCERR 13)
	CAUSE	<b>An attempt to access the SVIPC KSO failed; the pointer returned from get_kso_pointer was nil and the attempt to create the KSO failed.</b>
	ACTION	<b>Unexpected error. Examine the process error stack for possible cause.</b>
14	MESSAGE	SVIPC KPO does not exist (SVIPCERR 14)
	CAUSE	<b>An attempt to access the SVIPC KPO failed; the pointer returned from get_kpo_pointer was nil and the attempt to create the KPO failed.</b>
	ACTION	<b>Unexpected error. Examine the process error stack for possible cause.</b>
15	MESSAGE	Failed to create the SVIPC KPO (SVIPCERR 15)
	CAUSE	<b>An attempt to create the process local SVIPC KPO failed.</b>
	ACTION	<b>Examine the process error stack for other relevant error information to determine the cause of the failure.</b>
16	MESSAGE	Failed to create the SVIPC KSO or other global data (SVIPCERR 16)
	CAUSE	<b>An attempt to create the SVIPC KSO or related global data structure failed.</b>



	ACTION	<b>Examine the process error stack for the process reporting the error to determine the cause of the failure.</b>
17	MESSAGE	Failed to create SVIPC virtual space domain (SVIPCERR 17)
	CAUSE	<b>A call to create_virtual_space_domain failed when setting up the SVIPC global data structures.</b>
	ACTION	<b>Examine the process error stack to determine the cause of the create_virtual_space_domain failure.</b>
18	MESSAGE	Creation of SVIPC Entry Table failed. (SVIPCERR 18)
	CAUSE	<b>A call to create_object failed when setting up the SVIPC entry table global data structure.</b>
	ACTION	<b>Examine the process error stack to determine the cause of the create_object failure.</b>
19	MESSAGE	Creation of SVIPC global message frame pool failed. (SVIPCERR 19)
	CAUSE	<b>A call to create_object failed when setting up the SVIPC message frame pool global data structure.</b>
	ACTION	<b>Examine the process error stack to determine the cause of the create_object failure.</b>
20	MESSAGE	Creation of an SVIPC semaphore set failed. (SVIPCERR 20)
	CAUSE	<b>A call to create_object failed when creating a SVIPC semaphore set after a semget() call.</b>
	ACTION	<b>Examine the process error stack to determine the cause of the create_object failure.</b>
31	MESSAGE	Failed to queue a process waiting on a SVIPC resource. (SVIPCERR 31)
	CAUSE	<b>A call to put_wait_queue failed when attempting to queue a process on a wait queue associated with a SVIPC resource.</b>
	ACTION	<b>Examine the process error stack to determine the cause of the failure in put_wait_queue.</b>
32	MESSAGE	A signal or soft interrupt was received by a process queued on a SVIPC resource (SVIPCERR 32)
	CAUSE	<b>A SVIPC process wait (message queue or semaphore wait) was terminated by receipt of a signal or other soft interrupt, before the wait condition was satisfied.</b>
	ACTION	<b>Application dependent.</b>

33	MESSAGE	Failure occurred when attempting to wake a process from a SVIPC process wait (SVIPCERR 33)
	CAUSE	<b>A call to reply_to_waiter failed when attempting to wake a process queued to a SVIPC process wait queue for a SVIPC resource.</b>
	ACTION	<b>Examine the process error stack to determine the cause of the failure in reply_to_waiter.</b>
34	MESSAGE	Failure occurred when attempting to queue a process waiting on a SVIPC resource (SVIPCERR 34)
	CAUSE	<b>A process could not be queued on a SVIPC process wait queue because the cb_lock semaphore associated with the wait queue had not been obtained.</b>
	ACTION	<b>Internal SVIPC error. Report error to HP.</b>
100	MESSAGE	Invalid size specified on shmget() call (SVIPCERR 100)
	CAUSE	<b>The size parameter on a shmget() call was either outside of the acceptable configured range or (if the shared memory area already exists) did not match the size of the existing shared memory area.</b>
	ACTION	<b>Make sure the size specified is within the configured range for the system (min_shm_size and max_shm_size) or, if a shared memory area already exists for the specified key, that the size matches the existing size.</b>
101	MESSAGE	Invalid buf parameter passed to shmctl() (SVIPCERR 101)
	CAUSE	<b>The buf parameter passed to shmctl() was invalid or could not be accessed to perform the specified cmd.</b>
	ACTION	<b>Check that the buf structure was declared properly and specified properly on the shmctl() call.</b>
102	MESSAGE	Caller does not have appropriate privilege or access rights to perform a shmctl() IPC_STAT command (SVIPCERR 102)
	CAUSE	<b>The caller does not have read access for the SVIPC shared memory resource, and is not privileged (SM capability).</b>
	ACTION	<b>Ensure that the caller has appropriate privilege to perform the requested IPC_STAT command.</b>
103	MESSAGE	An invalid cmd was specified on a shmctl() call (SVIPCERR 103)
	CAUSE	<b>The cmd parameter on a shmctl() call was not valid.</b>

	ACTION	<b>Verify that an appropriate value is assigned to the cmd parameter.</b>
104	MESSAGE	SVIPC shared memory could not be frozen (SVIPCERR 104)
	CAUSE	<b>An error was encountered when attempting to freeze a SVIPC shared memory region into MPE/iX main memory. This functionality is not available on initial releases of SVIPC/iX.</b>
	ACTION	<b>If SHM_LOCK is supported on this release of MPE/iX, then examine the process error stack to determine the cause of the error returned from the MPE/iX freeze routine.</b>
105	MESSAGE	SVIPC shared memory could not be unfrozen (SVIPCERR 105)
	CAUSE	<b>An error was encountered when attempting to unfreeze a SVIPC shared memory region from MPE/iX main memory. This functionality is not available on initial releases of SVIPC/iX.</b>
	ACTION	<b>If SHM_UNLOCK is supported on this release of MPE/iX, then examine the process error stack to determine the cause of the error returned from the MPE/iX unfreeze routine.</b>
106	MESSAGE	The SVIPC shared memory region was not found (SVIPCERR 106)
	CAUSE	<b>The shmaddr value specifying an attached shared memory region was invalid.</b>
	ACTION	<b>Verify that the shmaddr parameter was correct</b>
107	MESSAGE	Process does not have access required for shmat() (SVIPCERR 107)
	CAUSE	<b>A process wishes to attach to a shared memory region, but does not have read access to the SVIPC resource.</b>
	ACTION	<b>Ensure that the calling process has appropriate privilege and access to the SVIPC resource.</b>
108	MESSAGE	Process does not have access required for shmat() (SVIPCERR 108)
	CAUSE	<b>A process wishes to attach to a shared memory region, but does not have write access to the SVIPC resource and SHM_RDONLY was not specified.</b>
	ACTION	<b>Make sure SHM_RDONLY is specified in the flags, if appropriate; otherwise, make sure the calling process has appropriate privilege and access to the SVIPC resource.</b>
109	MESSAGE	SHM_RND is not supported (SVIPCERR 109)

	CAUSE	<b>A process specified SHM_RND in the flags parameter of a shmat() call, but SHM_RND is not supported on MPE/iX.</b>
	ACTION	<b>Remove the SHM_RND specification from the flags parameter.</b>
110	MESSAGE	Invalid shmaddr specified on shmat() call (SVIPCERR 110)
	CAUSE	<b>A process specified a nonzero shmaddr value on a shmat() call, but shmaddr does not match the address of the existing shared memory area. MPE/iX does not allow the caller to specify an arbitrary attach address.</b>
	ACTION	<b>Make sure the shmaddr parameter is either zero or matches the address of the shared memory area exactly.</b>
111	MESSAGE	Failure occurred in shmat() call (SVIPCERR 111)
	CAUSE	<b>An error was encountered in MPE/iX procedure add_protectid_entry when attempting to process a shmat() request.</b>
	ACTION	<b>Examine the process error stack to determine the cause of the error in add_protectid_entry.</b>
112	MESSAGE	Failure occurred in a shmdt() call (SVIPCERR 112)
	CAUSE	<b>An error was encountered in MPE/iX procedure delete_protectid_entry when attempting to process a shmdt() request.</b>
	ACTION	<b>Examine the process error stack to determine the cause of the error in delete_protectid_entry.</b>
113	MESSAGE	Failure occurred in shmget () call (SVIPCERR 113)
	CAUSE	<b>An error was encountered in MPE/iX procedure allocate_pid when attempting to associate an MPE/iX pid with a shared memory region.</b>
	ACTION	<b>Examine the process error stack to determine the cause of the error in allocate_pid.</b>
114	MESSAGE	Could not allocate SVIPC shared memory (SVIPCERR 114)
	CAUSE	<b>An error was encountered in create_object when attempting to create a SVIPC shared memory region.</b>
	ACTION	<b>Examine the process error stack to determine the cause of the error in create_object.</b>
115	MESSAGE	Could not remove a SVIPC shared memory region (SVIPCERR 115)

	CAUSE	<b>An error was encountered in <code>release_object</code> when attempting to remove a SVIPC shared memory region.</b>
	ACTION	<b>Examine the process error stack to determine the cause of the error in <code>release_object</code>.</b>
116	MESSAGE	<code>shmat()</code> failed; process already attached (SVIPCERR 116)
	CAUSE	<b>A process attempted to attached to a shared memory region to which it was already attached. This is not allowed on MPE/iX.</b>
	ACTION	<b>Application dependent.</b>
117	MESSAGE	<code>shmat()</code> failed; process limit exceeded (SVIPCERR 117)
	CAUSE	<b>A process attempted to attach to a shared memory region but was already attached to the maximum allowable regions (256). There were no available entries in the associated KPO table.</b>
	ACTION	<b>Application dependent. Detach from another shared memory region in order to attach to a new shared memory region.</b>
118	MESSAGE	Invalid <code>shmaddr</code> specified on <code>shmdt()</code> call (SVIPCERR 118)
	CAUSE	<b>The <code>shmaddr</code> value specified on the <code>shmdt()</code> call did not correspond to a currently attached shared memory region for the process. No matching entry was found in the KPO <code>shm_id_table</code>.</b>
	ACTION	<b>Ensure that the <code>shmaddr</code> value passed on the <code>shmdt()</code> call is correct (same value returned from the previous <code>shmat()</code> call).</b>
200	MESSAGE	Invalid <code>buf</code> parameter on <code>msgctl()</code> call (SVIPCERR 200)
	CAUSE	<b>The <code>buf</code> parameter passed to <code>msgctl()</code> was invalid or could not be accessed to perform the specified cmd.</b>
	ACTION	<b>Check that the <code>buf</code> structure was declared properly and specified properly on the <code>msgctl()</code> call.</b>
201	MESSAGE	Caller does not have appropriate privilege or access rights to perform a <code>msgctl()</code> <code>IPC_STAT</code> command (SVIPCERR 201)
	CAUSE	<b>The caller does not have read access for the SVIPC message queue resource, and is not privileged (SM capability).</b>
	ACTION	<b>Ensure that the caller has appropriate privilege or access rights to perform the requested <code>IPC_STAT</code> command.</b>

202	MESSAGE	msgctl() failed; invalid cmd specified (SVIPCERR 202)
	CAUSE	The cmd parameter on a msgctl() call is invalid or unrecognized.
	ACTION	Ensure that the cmd parameter is assigned a valid value.
203	MESSAGE	Invalid msgsz parameter specified (SVIPCERR 203)
	CAUSE	A msgsz value was specified that was negative or that exceeded the largest allowable message size configured for the system.
	ACTION	Make sure the msgsz parameter is positive and is within an acceptable range for the current SVIPC configuration.
204	MESSAGE	msgrcv() failed; message is too large (SVIPCERR 204)
	CAUSE	The message to be received from a msgrcv() call is larger than the user-specified buffer size (msgsz), and MSG_NOERROR was not specified in the msgflg parameter.
	ACTION	Application dependent. Specifying MSG_NOERROR in the msgflg allows the message to be truncated without an error indication.
205	MESSAGE	msgsnd() failed; insufficient privilege or access rights (SVIPCERR 205)
	CAUSE	A msgsnd() failed because the calling process does not have write access to the message queue, and is not privileged (SM capability).
	ACTION	Ensure that the calling process has appropriate access to the message queue.
206	MESSAGE	msgrcv() failed; insufficient privilege or access rights (SVIPCERR 206)
	CAUSE	A msgrcv() failed because the calling process does not have read access to the message queue, and is not privileged (SM capability).
	ACTION	Ensure that the calling process has appropriate access to the message queue.
207	MESSAGE	msgsnd() failed; invalid msgp parameter (SVIPCERR 207)
	CAUSE	The msgp buffer passed on a msgsnd() call is invalid or cannot be accessed for reading.
	ACTION	Ensure that the msgp structure is defined correctly and is passed correctly on the msnd() call.

208	MESSAGE	msgsnd() failed; negative mtype specified (SVIPCERR 208)
	CAUSE	<b>The mtype value in the msgp structure was negative. This is invalid on a msgsnd() call (the mtype must be &gt;=0).</b>
	ACTION	<b>Ensure that a nonnegative mtype value is specified in the msgp structure on a msgsnd() call.</b>
209	MESSAGE	msgrcv() failed; no message of appropriate type was found and IPC_NOWAIT was specified (SVIPCERR 209)
	CAUSE	<b>There were no messages of the type requested on the msgrcv() call queued to the message queue. The IPC_NOWAIT option was specified, so instead of queueing the process, an error is returned.</b>
	ACTION	<b>Application dependent.</b>
210	MESSAGE	msgsnd() failed; not enough room on the message queue for the message and IPC_NOWAIT was specified (SVIPCERR 210)
	CAUSE	<b>The message could not be sent because the configured maximum for bytes queued to a message queue would be exceeded. IPC_NOWAIT was specified so instead of queueing the process, an error is returned.</b>
	ACTION	<b>Application dependent.</b>
211	MESSAGE	msgsnd() failed; message frame allocation error (SVIPCERR 211)
	CAUSE	<b>An error occurred when attempting to allocate frames from the global SVIPC message frame pool.</b>
	ACTION	<b>Examine the process error stack to determine the cause of the frame allocation error.</b>
212	MESSAGE	Error occurred in SVIPC message frame deallocation (SVIPCERR 212)
	CAUSE	<b>An error occurred when attempting to deallocate message frames from a message queue and return them to the global SVIPC message frame pool.</b>
	ACTION	<b>Examine the process error stack to determine the cause of the frame allocation error.</b>
213	MESSAGE	Insufficient privilege to increase message queue size (SVIPCERR 213)
	CAUSE	<b>The calling process attempted to increase the message queue size in a msgctl() call, but does not have SM capability.</b>
	ACTION	<b>Ensure that the calling process has appropriate capability</b>

		<b>to reconfigure (increase) the global SVIPC message queue size configuration value.</b>
214	MESSAGE	<code>msgrcv()</code> failed; error processing message frame list (SVIPCERR 214)
	CAUSE	<b>An error was encountered while traversing the linked list of message frames associated with a large (&gt;1K) message; the link was broken.</b>
	ACTION	<b>Report the error condition to HP, along with any other error information from the process error stack (and related process error stacks).</b>
300	MESSAGE	Invalid buf parameter on <code>semctl()</code> call (SVIPCERR 300)
	CAUSE	<b>The buf parameter passed to <code>semctl()</code> was invalid or could not be accessed to perform the specified cmd.</b>
	ACTION	<b>Check that the buf structure was declared properly and specified properly on the <code>semctl()</code> call.</b>
301	MESSAGE	Insufficient access rights or privilege to perform requested operation on SVIPC semaphore. (SVIPCERR 301)
	CAUSE	<b>A call to <code>semctl()</code> or <code>semop()</code> failed because the calling process does not have appropriate privilege or access to the SVIPC semaphore set.</b>
	ACTION	<b>Ensure that the calling process has appropriate access and privilege to perform the requested function.</b>
302	MESSAGE	<code>semctl()</code> failed; invalid cmd parameter (SVIPCERR 302)
	CAUSE	<b>The cmd parameter specified on a <code>semctl()</code> call was invalid.</b>
	ACTION	<b>Check that a valid value is being assigned to the cmd parameter for the <code>semctl()</code> call.</b>
303	MESSAGE	The arg parameter passed on a <code>semctl()</code> call is invalid or cannot be accessed (SVIPCERR 303)
	CAUSE	<b>An error was encountered when attempting to access the arg parameter passed on a <code>semctl()</code> call for a GETALL, SETVAL, or SETALL cmd.</b>
	ACTION	<b>Ensure that the arg structure was declared properly and was passed properly on the <code>semctl()</code> call.</b>
304	MESSAGE	<code>semop()</code> failed; invalid sembuf parameter (SVIPCERR 304)
	CAUSE	<b>The sembuf parameter passed on a <code>semop()</code> call was</b>



		<b>invalid or could not be accessed.</b>
	ACTION	<b>Ensure that the sembuf structure was declared properly and passed properly on the semop() call.</b>
305	MESSAGE	<code>semget() failed; invalid nsems parameter (SVIPCERR 305)</code>
	CAUSE	<b>The nsems parameter passed on a semget() call exceeded configured SVIPC limits, or, if a semaphore set already existed for the key, did not match the number of semaphores in the existing set.</b>
	ACTION	<b>Ensure that the nsems parameter is within valid limits and (if the semaphore set exists) matches the number of semaphores in the existing semaphore set.</b>
306	MESSAGE	<code>semop() failed; invalid sops array element (SVIPCERR 306)</code>
	CAUSE	<b>The sem_num specified in a sops array element was invalid (negative number or exceeded the largest index in the semaphore set).</b>
	ACTION	<b>Ensure that the sem_num values in the sops array specify valid elements in the semaphore set. The semaphore set uses 0-based indexing.</b>
307	MESSAGE	<code>semop() failed; invalid nsops parameter (SVIPCERR 307)</code>
	CAUSE	<b>The nsops parameter passed to semop() was invalid (negative number or exceeded configured maximums).</b>
	ACTION	<b>Ensure that the nsops parameter is within acceptable limits.</b>
308	MESSAGE	<code>Failed to create SVIPC semaphore set (SVIPCERR 308)</code>
	CAUSE	<b>An error occurred while attempting to create a SVIPC semaphore set in response to a semget() call.</b>
	ACTION	<b>Examine the process error stack to determine the cause of the creation failure.</b>
309	MESSAGE	<code>semop() failed; value out of range (SVIPCERR 309)</code>
	CAUSE	<b>The specified semop() values would cause the resulting semaphore value (or the semadj value, if SEM_UNDO was specified) to exceed configured limits.</b>
	ACTION	<b>Application dependent. If the semop() values are specified correctly, then ensure that the current SVIPC configuration will support the application.</b>
310	MESSAGE	<code>semctl() failed; invalid semnum parameter</code>

		(SVIPCERR 310)
	CAUSE	<b>The semnum parameter on a semctl() call did not identify a valid semaphore in the semaphore set. The value was out of range.</b>
	ACTION	<b>Ensure that the semnum specified is valid for the semaphore set specified.</b>
311	MESSAGE	semop() failed; invalid sem_op value (SVIPCERR 311)
	CAUSE	<b>The sem_op value specified in a sops array element exceeds the maximum allowable sem_op value in the SVIPC configuration settings.</b>
	ACTION	<b>Application dependent. If the sem_op value is valid, then ensure that the SVIPC configuration will support the application.</b>
312	MESSAGE	semop() failed; SEM_UNDO could not be processed (SVIPCERR 312)
	CAUSE	<b>SEM_UNDO was specified for one or more operations in the semop() call and the sem_id_table in the KPO was full; the SEM_UNDO could not be processed. Undo operations for up to 64 semaphores can be tracked.</b>
	ACTION	<b>Application dependent. If an application must simultaneously operate on more than 64 semaphores (with SEM_UNDO), this cannot be supported by the current SVIPC implementation on MPE/iX.</b>
313	MESSAGE	semop() failed; process would block on the semaphore but IPC_NOWAIT was specified (SVIPCERR 313)
	CAUSE	<b>The operation(s) requested in the semop() call would result in a process block on the related semaphore(s), but IPC_NOWAIT was specified. An error is returned to the caller.</b>
	ACTION	<b>Application dependent.</b>
400	MESSAGE	ipcrm failed; invalid type parameter (SVIPCERR 400)
	CAUSE	<b>The type parameter on the ipcrm interactive command was invalid. Must be an upper or lowercase Q, M, or S.</b>
	ACTION	<b>Ensure that a valid type is specified on the command line.</b>
401	MESSAGE	ipcs or setconfig failed; internal error (SVIPCERR 401)
	CAUSE	<b>An error was encountered when processing an interactive ipcs or setconfig command. Internal routine svipc_info encountered an error.</b>

	ACTION	<b>Unexpected error. Make sure the SVIPCUTL.PUB.SYS program file is valid and compatible with the SVIPC version on this MPE/iX release.</b>
402	MESSAGE	ipcs or setconfig failed; internal error (SVIPCERR 402)
	CAUSE	<b>The info_arg1 parameter passed to internal routine svipc_info is invalid or cannot be accessed.</b>
	ACTION	<b>Unexpected error. Make sure the SVIPCUTL.PUB.SYS program file is valid and compatible with the SVIPC version on this MPE/iX release.</b>
403	MESSAGE	ipcs or setconfig failed; internal error (SVIPCERR 403)
	CAUSE	<b>The info_key parameter passed to internal routine svipc_info is invalid or cannot be accessed.</b>
	ACTION	<b>Unexpected error. Make sure the SVIPCUTL.PUB.SYS program file is valid and compatible with the SVIPC version on this MPE/iX release.</b>
404	MESSAGE	setconfig command failed; internal error (SVIPCERR 404)
	CAUSE	<b>An error was encountered by internal routine svipc_control when processing a setconfig command.</b>
	ACTION	<b>Unexpected error. Make sure the SVIPCUTL.PUB.SYS program file is valid and compatible with the SVIPC version on this MPE/iX release.</b>
405	MESSAGE	setconfig command failed; internal error (SVIPCERR 405)
	CAUSE	<b>The ctrl_arg1 parameter passed to internal routine svipc_control on a setconfig command was invalid or inaccessible.</b>
	ACTION	<b>Unexpected error. Make sure the SVIPCUTL.PUB.SYS program file is valid and compatible with the SVIPC version on this MPE/iX release.</b>
406	MESSAGE	setconfig command failed; internal error (SVIPCERR 406)
	CAUSE	<b>The ctrl_key parameter passed to internal routine svipc_control was invalid.</b>
	ACTION	<b>Unexpected error. Make sure the SVIPCUTL.PUB.SYS program file is valid and compatible with the SVIPC version on this MPE/iX release.</b>
407	MESSAGE	ftok() failed; invalid path parameter (SVIPCERR 407)

	CAUSE	The path name string passed to ftok was invalid or inaccessible.
	ACTION	Ensure that the path name string variable is properly declared and is being passed properly in the ftok() call.
408	MESSAGE	ftok() failed; file system error (SVIPCERR 408)
	CAUSE	The ftok() failed because the flabelinfo intrinsic returned an error.
	ACTION	Examine the process error stack to determine the cause of the failure in flabelinfo.
409	MESSAGE	Configuration of SVIPC shared memory failed (SVIPCERR 409)
	CAUSE	A setconfig command to alter shared memory configuration failed because shared memory is currently in use on the system or the configuration value(s) specified is invalid or inconsistent.
	ACTION	Ensure that no SVIPC shared memory regions are currently allocated on the system before reconfiguring. Ensure that the configuration value(s) specified is within acceptable limits and does not conflict with other values.
410	MESSAGE	Configuration of SVIPC message queues failed (SVIPCERR 410)
	CAUSE	A setconfig command to alter message queue configuration failed because message queues are currently in use on the system or the configuration value(s) specified is invalid or inconsistent.
	ACTION	Ensure that no SVIPC message queues are currently allocated on the system before reconfiguring. Ensure that the configuration value(s) specified is within acceptable limits and does not conflict with other values.
411	MESSAGE	Configuration of SVIPC semaphores failed (SVIPCERR 411)
	CAUSE	A setconfig command to alter semaphore configuration failed because semaphores are currently in use on the system or the configuration value(s) specified is invalid or inconsistent.
	ACTION	Ensure that no SVIPC semaphore sets are currently allocated on the system before reconfiguring. Ensure that the configuration value(s) specified is within acceptable limits and does not conflict with other values.

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## Threshold Manager

### (THMGERR)

The following are the error messages for Threshold Manager.

1	MESSAGE	An invalid resource was specified. (THMGRERR 1)
	CAUSE	The resource name specified is not recognized as a valid resource.
	ACTION	Check the spelling of the resource specified or execute a <b>SHOW</b> command to get a list of the resources recognized by this utility.
2	MESSAGE	Invalid control option or name was specified. (THMGRERR 2)
	CAUSE	The control value parameter is not a valid control option or a recognizable control name.
	ACTION	Check the value of the option specified.
3	MESSAGE	Threshold Manager function is invalid. (THMGRERR 3)
	CAUSE	The function passed to THMGRRES.PUB.SYS is invalid.
	ACTION	Restore a backup copy of the THMGRRES.PUB.SYS file.
4	MESSAGE	Threshold Manager control procedure invalid. (THMGRERR 4)
	CAUSE	The control passed to THMGRCTL.PUB.SYS is invalid.
	ACTION	Restore a backup copy of the THMGRCTL.PUB.SYS file.
5	MESSAGE	Resource name does not match an internal table resource. (THMGRERR 5)
	CAUSE	Internal error. It is possible that the file THMGRRES.PUB.SYS has become corrupted.
	ACTION	Restore a backup copy of the THMGRRES.PUB.SYS file.
6	MESSAGE	Control option does not match an internal table control. (THMGRERR 6)
	CAUSE	Internal error. It is possible that the file THMGRCTL.PUB.SYS has become corrupted.
	ACTION	Restore a backup copy of the THMGRCTL.PUB.SYS file.
7	MESSAGE	Information provided with resource does not match. (THMGRERR 7)
	CAUSE	Internal error. It is possible that the file

		<b>THMGRRES.PUB.SYS has become corrupted.</b>
	ACTION	<b>Restore a backup copy of the THMGRRES.PUB.SYS file.</b>
8	MESSAGE	Control information does not match resource. (THMGRERR 8)
	CAUSE	<b>Internal error. It is possible that the file THMGRCTL.PUB.SYS has become corrupted.</b>
	ACTION	<b>Restore a backup copy of the THMGRCTL.PUB.SYS file</b>
9	MESSAGE	Communication error with Threshold Manager. (THMGRERR 9)
	CAUSE	<b>A communication error occurred with the Threshold Manager.</b>
	ACTION	<b>Exit the program and restart the application.</b>
10	MESSAGE	Duplicate threshold information. (THMGRERR 10)
	CAUSE	<b>The threshold value specified is already part of the current configuration for this resource.</b>
	ACTION	<b>Check the current configuration for this resource, and enter the correct threshold value.</b>
11	MESSAGE	The number of thresholds is at maximum capacity. (THMGRERR 11)
	CAUSE	<b>Internal error. The table which holds the thresholds is at maximum capacity.</b>
	ACTION	<b>Delete the unnecessary thresholds and try again.</b>
12	MESSAGE	Threshold does not exist. (THMGRERR 12)
	CAUSE	<b>The threshold value supplied for this resource is non-existent.</b>
	ACTION	<b>Check the current configuration of this resource by using the SHOW command and enter the correct threshold value.</b>
13	MESSAGE	Threshold Manager encountered an unknown error. (THMGRERR13)
	CAUSE	<b>A trap has been detected from another external procedure.</b>
	ACTION	<b>None</b>
14	MESSAGE	Creation of the Threshold Manager process failed. (THMGRERR 14)
	CAUSE	<b>Creation of the Threshold Manager process failed during the program initialization.</b>
	ACTION	<b>Exit the program and restart the application.</b>
16	MESSAGE	Threshold Manager process is not active.

		(THMGRERR 16)
	CAUSE	<b>The Threshold Manager process failed during program initialization.</b>
	ACTION	<b>Exit the program and restart the application.</b>
17	MESSAGE	The new control option is invalid. (THMGRERR 17)
	CAUSE	<b>Internal error. It is possible that the file <b>THMGRCTL.PUB.SYS</b> has become corrupted.</b>
	ACTION	<b>Restore a backup copy of the THMGRCTL.PUB.SYS file.</b>
18	MESSAGE	Invalid threshold value was specified. (THMGRERR 18)
	CAUSE	<b>The threshold value provided with this resource does not match the previously configured threshold value.</b>
	ACTION	<b>Check the current configuration of this resource by using the SHOW command and enter the correct threshold value.</b>
19	MESSAGE	Invalid frequency was specified. (THMGRERR 19)
	CAUSE	<b>The time interval specified is not valid.</b>
	ACTION	<b>Enter the command again with a valid time interval between 25 and 3600 seconds.</b>
52	MESSAGE	Request for enabling a resource has been denied. (THMGRERR 52)
	CAUSE	<b>The resource information on internal tables was found to be incomplete or inconsistent. There could be data corruption.</b>
	ACTION	<b>Delete all the thresholds for this resource and reconfigure.</b>
53	MESSAGE	Threshold Manager process is dead. (THMGRERR 53)
	CAUSE	<b>The Threshold Manager process aborted for some unknown reason.</b>
	ACTION	<b>Exit the program and restart the application.</b>
101	MESSAGE	Bad procedure label encountered while monitoring the usage-level of resource "!". (THMGRERR 101)
	CAUSE	<b>Threshold Manager internal error. Note that the resource name may not be the same in all occurrences of this error.</b>
	ACTION	<b>Disable Threshold Manager and restart.</b>
102	MESSAGE	Bad procedure label encountered while executing the jumpoff

		procedure for control. (THMGRERR 102)
	CAUSE	<b>Threshold Manager internal error.</b>
	ACTION	<b>Disable Threshold Manager and restart.</b>
103	MESSAGE	Bad procedure label encountered while executing the fallback procedure for control. (THMGRERR 103)
	CAUSE	<b>Threshold Manager internal error.</b>
	ACTION	<b>Disable Threshold Manager and restart.</b>
104	MESSAGE	Failed while sending a message to port!. (THMGRERR 104)
	CAUSE	<b>Threshold Manager internal error.</b>
	ACTION	<b>Disable Threshold Manager and restart.</b>
105	MESSAGE	Failed while receiving a message from port !. (THMGRERR 105)
	CAUSE	<b>Threshold Manager internal error.</b>
	ACTION	<b>Disable Threshold Manager and restart.</b>
106	MESSAGE	Failed to create port !. (THMGRERR 106)
	CAUSE	<b>Threshold Manager internal error.</b>
	ACTION	<b>Disable Threshold Manager and restart.</b>
107	MESSAGE	Encountered a trap. (THMGRERR 107)
	CAUSE	<b>Threshold Manager internal error.</b>
	ACTION	<b>Disable Threshold Manager and restart.</b>
108	MESSAGE	Encountered error during dynamic call of the usage-monitoring procedure for resource. (THMGRERR 108)
	CAUSE	<b>Threshold Manager internal error occurred during a dynamic call to a procedure.</b>
	ACTION	<b>Disable Threshold Manager and restart.</b>
109	MESSAGE	Encountered error during dynamic call of the jump off procedure for control. (THMGRERR 109)
	CAUSE	<b>Threshold Manager internal error occurred during a dynamic call to a procedure.</b>
	ACTION	<b>Disable Threshold Manager and restart.</b>
110	MESSAGE	Encountered error during dynamic call of the fall back procedure for control. (THMGRERR 110)



	CAUSE	<b>Threshold Manager internal error occurred during a dynamic call to a procedure.</b>
	ACTION	<b>Disable Threshold Manager and restart.</b>
111	MESSAGE	My adoption by progen failed. (THMGRERR 111)
	CAUSE	<b>Threshold Manager internal error.</b>
	ACTION	<b>Disable Threshold Manager and restart.</b>
112	MESSAGE	Initialization of internal tables failed. (THMGRERR 112)
	CAUSE	<b>Threshold Manager internal error.</b>
	ACTION	<b>Disable Threshold Manager and restart.</b>
113	MESSAGE	Encountered bad jumpoff count for control "!". (THMGRERR 113)
	CAUSE	<b>Threshold Manager internal error.</b>
	ACTION	<b>Disable Threshold Manager and restart.</b>
118	MESSAGE	Invalid table header or not a table header corresponding to resource "!". (THMGRERR 118)
	CAUSE	<b>Threshold Manager internal error.</b>
	ACTION	<b>Disable Threshold Manager and restart.</b>
119	MESSAGE	Unauthorized attempt to create the manager. (THMGRERR 119)
	CAUSE	<b>Threshold Manager internal error.</b>
	ACTION	<b>Disable Threshold Manager and restart.</b>
201	MESSAGE	The resource name specified is not valid. (THMGRERR 201)
	CAUSE	<b>The resource name is not one of the resource names recognized by this utility.</b>
	ACTION	<b>Enter a resource name recognized by this utility. To see a list of valid resource names use the SHOW command.</b>
202	MESSAGE	No additional THRESHOLDS may be set for this resource. (THMGRERR 202)
	CAUSE	<b>An attempt was made to add more than the allowable number of threshold values to a particular resource.</b>
	ACTION	<b>Either modify one of the existing thresholds or delete it and add a new threshold for this resource.</b>
203	MESSAGE	Non-existent threshold value for a valid resource. (THMGRERR 203)
	CAUSE	<b>A non-existent threshold value was specified for a valid resource.</b>

	ACTION	<b>Enter the correct threshold value for this resource. Use the SHOW command to see what the current values are for any resource.</b>
204	MESSAGE	The threshold value should be between 1 and 100. (THMGRERR 204)
	CAUSE	<b>A threshold value greater than 100 or less than 1 was entered.</b>
	ACTION	<b>Enter a threshold value between 1 and 100.</b>
207	MESSAGE	Threshold Manager must be ENABLED for this command. (THMGRERR 207)
	CAUSE	<b>An attempt was made to execute a command that requires the Threshold Manager process to be enabled.</b>
	ACTION	<b>Enable the Threshold Manager using the ENABLEMANAGER command.</b>
208	MESSAGE	An invalid control option was specified. (THMGRERR 208)
	CAUSE	<b>An invalid control option value was specified with this command.</b>
	ACTION	<b>Enter the command again with a valid control value.</b>
209	MESSAGE	An invalid notification option was specified. (THMGRERR 209)
	CAUSE	<b>An invalid value for a notification option was entered.</b>
	ACTION	<b>Enter the command again with a valid notification value.</b>
212	MESSAGE	Cannot enter duplicate threshold values for a resource. (THMGRERR 212)
	CAUSE	<b>The threshold value entered is the same as a currently configured threshold for this resource.</b>
	ACTION	<b>Check to make sure the resource is correct, then either modify the current value or delete it and add it again.</b>
300	MESSAGE	Subsys !, Info: ! (THMGRERR 300)
	CAUSE	<b>Unexpected error occurred, subsystem and subsystem error displayed.</b>
	ACTION	<b>None. HP internal support required to rectify this problem.</b>
302	MESSAGE	Parameter is missing. (THMGRERR 302)
	CAUSE	<b>An input parameter to the command is missing.</b>
	ACTION	<b>Use the HELP facility for this command or use the manual and enter the command again.</b>
303	MESSAGE	Parameter length is invalid. (THMGRERR 303)

	CAUSE	The input parameter size exceeds the size allowed for this parameter.
	ACTION	Use the HELP facility for this command or use the manual and enter the command again.
303	MESSAGE	Parameter composition is invalid. (THMGRERR 304)
	CAUSE	The input parameter is not correct.
	ACTION	Use the HELP facility for this command or use the manual and enter the command again.
305	MESSAGE	Parameter is invalid. (THMGRERR 305)
	CAUSE	The input parameter type is not correct. A numeric input parameter can only be accepted for numeric arguments, and a string parameter for string arguments.
	ACTION	Use the HELP facility for this command or use the manual and enter the command again.
307	MESSAGE	Info is invalid. (THMGRERR 307)
	CAUSE	The information passed to this program via the ";INFO=" parm in the RUN command is invalid.
309	MESSAGE	Failed to open the message catalog. (THMGRERR 309)
	CAUSE	Unable to open, or possibly find the catalog associated with this utility.
	ACTION	Restore the message catalog (TMCATnnn, where nnn is the native language ID number of the machine) from backup tapes and continue.
310	MESSAGE	Invalid character. (THMGRERR 310)
	CAUSE	Invalid character detected in the command line.
	ACTION	Enter command again.
315	MESSAGE	Parameter length overflow. (THMGRERR 315)
	CAUSE	The input parameter size exceeds the size allowed for this parameter.
	ACTION	Use the HELP facility for this command or use the manual and enter the command again.
321	MESSAGE	Invalid REDO command. (THMGRERR 321)"
	CAUSE	Cannot find the command to redo, it is either invalid or has been pushed off the top of the stack and is no longer accessible.
	ACTION	Enter the command again.
324	MESSAGE	Cannot recognize the command passed to HELP.

		(THMGRERR 324)
	CAUSE	Cannot find the command to provide help.
	ACTION	Use the <code>HELP</code> summary to identify which command it should be and enter the command again. The <code>HELP</code> summary is accessed by issuing the command <code>HELP</code> without arguments.
328	MESSAGE	*Error: Out of Heap space. (THMGRERR 328)
	CAUSE	Cannot get the additional space necessary to execute.
	ACTION	Run the program again specifying a larger <code>NMHEAP</code> size.
330	MESSAGE	Security violation. (THMGRERR 330)
	CAUSE	The user does not have the privilege level necessary to execute this command.
	ACTION	Obtain the necessary privilege level and try again.
331	MESSAGE	Failed to open exclusively. (THMGRERR 331)
	CAUSE	This program is being accessed by someone else at this time.
	ACTION	Wait until the program is available for exclusive access.
333	MESSAGE	Cannot deallocate space. (THMGRERR 333)
	CAUSE	An internal error occurred which will not allow the program to deallocate space.
	ACTION	Try the command again.
334	MESSAGE	Failed to get the run parameter. (THMGRERR 334)
	CAUSE	The program failed on access of the <code>";PARM="</code> argument of the <code>RUN</code> command.
	ACTION	Try the command again. Use the <code>CI HELP</code> facility for the <code>RUN</code> command.
335	MESSAGE	HPMYPROGAM failed. (THMGRERR 335)
	CAUSE	The program call to <code>HPMYPROGRAM</code> intrinsic to get the program's name failed.
	ACTION	Exit the program and try again.
336	MESSAGE	Trying to open the program a second time. (THMGRERR 336)
	CAUSE	More than one access to the program is not allowed.
	ACTION	Wait until the program is available for exclusive access.
337	MESSAGE	Only one user is allowed to configure thresholds. (THMGRERR 337)

	CAUSE	<b>Exclusive access to the configuration data is required.</b>
	ACTION	<b>Wait until the program is available for exclusive access.</b>
338	MESSAGE	Threshold Manager must be enabled. (THMGRERR 338)
	CAUSE	<b>This command requires Threshold Manager to be enabled.</b>
	ACTION	<b>Execute the command ENABLEMANAGER and try the command again.</b>
401	MESSAGE	Incomplete command pending on end-of-file. (THMGRERR 401)
	CAUSE	<b>The program has encountered EOF on the redirected output file.</b>
	ACTION	<b>Create a larger output file and execute command again.</b>
402	MESSAGE	Unable to process the command. (THMGRERR 402)
	CAUSE	<b>An error occurred while attempting to process a command.</b>
	ACTION	<b>Enter the command again.</b>
403	MESSAGE	Invalid parameter length. (THMGRERR 403)
	CAUSE	<b>The input parameter size exceeds the size allowed for this parameter.</b>
	ACTION	<b>Use the HELP facility for this command or use the manual and enter the command again.</b>
404	MESSAGE	Command history stack is empty. (THMGRERR 404)
	CAUSE	<b>An attempt was made to use the REDO facility when no other commands have executed.</b>
	ACTION	<b>Enter the command directly.</b>
405	MESSAGE	Command not found in command history stack. (THMGRERR )
	CAUSE	<b>The requested command was not found in the command history stack.</b>
	ACTION	<b>Enter the command directly.</b>
406	MESSAGE	Invalid parameter length or composition. (THMGRERR 406)
	CAUSE	<b>An error was detected in the argument provided, either the length is invalid or it is the wrong type.</b>
	ACTION	<b>Use the HELP facility for this command or use the manual and enter the command again.</b>
407	MESSAGE	Unrecognized command. (THMGRERR 407)
	CAUSE	<b>The command entered is not a valid command.</b>

	ACTION	Use the <code>HELP</code> summary to identify which command it should be, and enter the command again. The <code>HELP</code> summary is accessed by issuing the command <code>HELP</code> without any arguments.
409	MESSAGE	This command has no associated functionality. (THMGRERR 409)
	CAUSE	An invalid command was entered.
	ACTION	None.
410	MESSAGE	Error in accessing the message catalog. (THMGRERR 410)
	CAUSE	An error occurred accessing the message catalog for a particular message.
	ACTION	Restore the message catalog (TMCATnnn, where nnn is the native language ID number of the machine) from backup tapes and continue.
411	MESSAGE	Invalid numeric index into command history stack. (THMGRERR 411)
	CAUSE	The numeric argument provided with the <code>REDO</code> command points to an entry that does not exist or that has been pushed off the top of the stack.
	ACTION	Enter the command directly.
412	MESSAGE	Command name length exceeds 16 characters. (THMGRERR 412)
	CAUSE	A command was entered which exceeded the allowable length for a command.
	ACTION	Enter the command again and insert spaces between the comand and the arguments.
413	MESSAGE	Insufficient capabilities to execute this command. (THMGRERR 413)
	CAUSE	The user does not have the required privilege level to execute this command.
	ACTION	Obtain the privilege level required to execute this command and try again.
414	MESSAGE	A required parameter was not specified in command. (THMGRERR 414)
	CAUSE	A required parameter is missing from the command input.
	ACTION	Use the <code>HELP</code> facility for this command or use the manual and enter the command again.
415	MESSAGE	This parameter can consist of numeric characters only. (THMGRERR 415)

	CAUSE	<b>A non-numeric character was entered for a numeric value.</b>
	ACTION	<b>Enter the command again with a valid numeric value.</b>
416	MESSAGE	Depth of command stack can only be in the range 1 to 100. (THMGRERR 416)
	CAUSE	<b>An attempt was made to create a history stack greater than 100 or less than 1.</b>
	ACTION	<b>None.</b>
417	MESSAGE	Invalid key specified with REDO command. (THMGRERR 417)
	CAUSE	<b>An invalid key was entered during a REDO of a previous command.</b>
	ACTION	<b>Enter the command again.</b>
418	MESSAGE	Command only valid in interactive mode. (THMGRERR 418)
	CAUSE	<b>A command was entered in a job, but it can only be executed during an interactive session.</b>
	ACTION	<b>Execute the command after logging on interactively.</b>
420	MESSAGE	Invalid command edit operation. (THMGRERR 420)
	CAUSE	<b>There was an invalid input while editing a command from the REDO history stack.</b>
	ACTION	<b>Edit the command again.</b>
501	MESSAGE	Unexpected error returned from FFILEINFO intrinsic. (THMGRERR 501)
	CAUSE	<b>An internal error occurred while attempting to get information on a file.</b>
	ACTION	<b>Check the file system errors and correct the error. Enter the command again.</b>
502	MESSAGE	Unable to close the INPUT file. (THMGRERR 502)
	CAUSE	<b>An error occurred during the FCLOSE of the input file.</b>
	ACTION	<b>Check the file system errors and correct the error. Try the command again.</b>
503	MESSAGE	Unable to close the OUTPUT file. (THMGRERR 503)
	CAUSE	<b>An error occurred during the FCLOSE of the output file.</b>
	ACTION	<b>Check the file system errors and correct the error. Try the command again.</b>

504	MESSAGE	Unexpected error occurred during INPUT file I/O. (THMGRERR 504)
	CAUSE	<b>An error occurred during access of the input file.</b>
	ACTION	<b>Check the file system errors and correct the error. Try the command again.</b>
505	MESSAGE	Unexpected error occurred during OUTPUT file I/O. (THMGRERR 505)
	CAUSE	<b>An error occurred during output of the output file.</b>
	ACTION	<b>Check the file system errors and correct the error. Try the command again.</b>
506	MESSAGE	Unexpected error occurred during \$STDIN input operation. (THMGRERR 506)
	CAUSE	<b>An error occurred accessing the \$STDIN system file.</b>
	ACTION	<b>Check the file system errors and correct the error. Try the command again.</b>
507	MESSAGE	Unexpected error occurred during the \$STDLIST output. (THMGRERR 507)
	CAUSE	<b>An error occurred accessing the \$STDLIST system file.</b>
	ACTION	<b>Check the file system errors and correct the error. Try the command again.</b>
508	MESSAGE	Unexpected error from FCONTROL intrinsic with INPUT file. (THMGRERR 508)
	CAUSE	<b>An error occurred accessing the input file using the FCONTROL intrinsic.</b>
	ACTION	<b>Check the file system errors and correct the error. Try the command again.</b>
509	MESSAGE	Unexpected error from FGETINFO intrinsic. (THMGRERR 509)
	CAUSE	<b>An error occurred with the FGETINFO intrinsic during file access.</b>
	ACTION	<b>Check the file system errors and correct the error. Try the command again.</b>
510	MESSAGE	File type is not ASCII. (THMGRERR 510)
	CAUSE	<b>Either the input file or the output file is not an ASCII file.</b>
	ACTION	<b>Make sure that the offending file is an ASCII file.</b>
511	MESSAGE	Invalid file record size. (THMGRERR 511)
	CAUSE	<b>Either the input file or the output file record size is not valid.</b>



	ACTION	<b>Make sure the file record size is 256 characters or less.</b>
512	MESSAGE	Unexpected error from the PRINTOPREPLY intrinsic. (THMGRERR 512)
	CAUSE	<b>An error occurred attempting to notify the console operator of some event.</b>
	ACTION	<b>Enter the command again.</b>
513	MESSAGE	End-of-file encountered on OUTPUT file. (THMGRERR 513)
	CAUSE	<b>Encountered end of file condition on the output file during the execution of a command.</b>
	ACTION	<b>Increase the size of the output file.</b>
514	MESSAGE	End-of-file encountered on INPUT file. (THMGRERR 514)
	CAUSE	<b>Encountered end of file condition on the input file during the execution of a command.</b>
	ACTION	<b>Increase the size of the input file.</b>
515	MESSAGE	End-of-file encountered on \$STDLIST. (THMGRERR 515)
	CAUSE	<b>Encountered end of file condition on the \$STDLIST during the execution of a command.</b>
	ACTION	<b>Exit the program and start the application again. Recreate the output file with a greater number of records and try again.</b>
516	MESSAGE	Unexpected error from FPOINT intrinsic. (THMGRERR 516)
	CAUSE	<b>Access of a file via the FPOINT intrinsic resulted in an error.</b>
	ACTION	<b>Check the file system errors and correct the error. Try the command again.</b>
800	MESSAGE	Threshold Manager process has already been created. (THMGRWARN 800)
	CAUSE	<b>An attempt was made to create the Threshold Manager process when it was already active.</b>
	ACTION	<b>The Threshold Manager is already active and no further action is required.</b>
900	MESSAGE	Resource is already in the ENABLED state. (THMGRWARN 900 )
	CAUSE	<b>An attempt was made to enable a resource when it has already been enabled.</b>

	ACTION	<b>This resource is currently enabled, no further action is required.</b>
901	MESSAGE	Resource is already in the DISABLED state.(THMGRWARN 901 )
	CAUSE	<b>An attempt was made to disable a resource after it has already been disabled.</b>
	ACTION	<b>This resource is currently disabled, no further action is required.</b>
902	MESSAGE	Global notification has already been ENABLED. (THMGRWARN 902)
	CAUSE	<b>An attempt was made to enable Global Notification while the notification flag was already enabled.</b>
	ACTION	<b>Since Global Notification is already enabled, no further action is required.</b>
903	MESSAGE	Global notification has already been DISABLED. (THMGRWARN 903)
	CAUSE	<b>An attempt was made to disable global notifications while the notification flag is already disabled.</b>
	ACTION	<b>Since Global Notification is already disabled, no further action is required.</b>
904	MESSAGE	Threshold Manager has already been ENABLED. (THMGRWARN 904)
	CAUSE	<b>An attempt was made to enable Threshold Manager after it was already enabled.</b>
	ACTION	<b>The Threshold Manager process is currently enabled, no further action is required.</b>
905	MESSAGE	Threshold Manager has already been DISABLED. (THMGRWARN 905)
	CAUSE	<b>An attempt was made to disable Threshold Manager after it was already disabled.</b>
	ACTION	<b>The Threshold Manager Process is currently disabled, no further action is required.</b>

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## UPS

### (Uninterrupted Power Source)

33	MESSAGE	UPS LDEV ! reports loss of AC input power. (UPSERR 0033)
	CAUSE	The specified UPS device reported that it detected an input power failure. There has been an AC power failure somewhere in the power path leading into the UPS. The UPS has switched to its internal battery pack to supply reserve power.
	ACTION	If the power failure is brief, not long enough to exhaust the UPS battery, no action is needed. Otherwise, determine what is causing the power loss and take action to restore the power before the UPS battery becomes exhausted.
35	MESSAGE	UPS LDEV ! reports AC input power "Bypass Mode". (UPSWRN 0035)
	CAUSE	The specified UPS device has been placed into its "AC Power Bypass Mode" of operation. This should only occur when an HP Customer Engineer is servicing the UPS and intends to put the UPS into "Bypass Mode".
	ACTION	No action is needed if this message occurs during Customer Engineer servicing of the UPS. If this message occurs during normal system operation, there is probably a hardware problem in the UPS. Call your HP service representative.
36	MESSAGE	UPS LDEV ! reports AC input power restored. (UPSWRN 0036)
	CAUSE	The specified UPS device had lost its AC input power in the past, and now the AC input power has been restored. If the UPS is operating correctly, it will now switch from battery operation back to normal AC power operation.
	ACTION	No action is needed. The system automatically returns to normal operation when all UPS devices (there may be one or several UPS devices on a system) detect that normal AC input power is present following a power loss at any UPS.
37	MESSAGE	UPS LDEV ! reports "Low Battery Charge" condition. (UPSWRN 0037)
	CAUSE	The specified UPS had lost its AC input power some time ago and has been supplying reserve power from its battery. AC input power has not been restored yet, causing the battery to be drained down to a "low charge" power level.

	ACTION	<b>Locate and correct the cause of the AC power failure. If AC power is not restored within the next two minutes, the UPS battery will be exhausted and the UPS output AC power will fail, causing power loss to the computer equipment.</b>
41	MESSAGE	UPS LDEV ! reports AC output power turned off. (UPSERR 0041)
	CAUSE	<b>The specified UPS device has turned off its AC output power. Someone may have mistakenly turned off the UPS' power switch, or the UPS may have malfunctioned. Whatever equipment was receiving power from the UPS has now lost power.</b>
	ACTION	<b>Investigate and correct the problem at the UPS. Turn on all power control switches on the UPS. If the computer (CPU) lost power, you will have to re-boot the system after restoring the UPS power.</b>
128	MESSAGE	UPS LDEV ! reports UPS "System Fail" condition cleared. (UPSWRN 0128)
	CAUSE	<b>Some time ago, the specified UPS device had reported a UPS "System Failure" condition. Now, the "System Failure" condition within the UPS device has been corrected and the UPS is reporting that it has returned to normal operation.</b>
	ACTION	<b>No action is needed. This message merely confirms that a previously reported problem has been corrected.</b>
129	MESSAGE	UPS LDEV ! reports UPS "Inverter Fail" condition cleared. (UPSWRN 0129)
	CAUSE	<b>Some time ago, the specified UPS device had reported a UPS "Inverter Failure" condition. Now, the "Inverter Failure" condition within the UPS device has been corrected and the UPS is reporting a return to normal operation.</b>
	ACTION	<b>No action is needed. This message merely confirms that a previously reported problem has been corrected.</b>
130	MESSAGE	UPS LDEV ! reports UPS "Battery Not Present" condition cleared. (UPSWRN 0130)
	CAUSE	<b>Some time ago, the specified UPS device had reported a "Battery Not Present" condition. Now, the "Battery Not Present" condition within the UPS has been corrected and the UPS is reporting that it has returned to normal operation.</b>
	ACTION	<b>No action is needed. This message merely confirms that a previously reported problem has been corrected.</b>

## UPS

131	MESSAGE	UPS LDEV ! reports UPS "Charger Fault" condition cleared. (UPSWRN 0131)
	CAUSE	<b>Some time ago, the specified UPS device had reported a UPS "Charger Fault" condition. Now, the "Charger Fault" condition within the UPS device has been corrected and the UPS is reporting that it has returned to normal operation.</b>
	ACTION	<b>No action is needed. This message merely confirms that a previously reported problem has been corrected.</b>
132	MESSAGE	UPS LDEV ! reports UPS "Overload Shutdown" condition cleared. (UPSWRN 0132)
	CAUSE	<b>Some time ago, the specified UPS device had reported an "Overload Shutdown" condition. Now, the "Overload Shutdown" condition within the UPS device has been corrected and the UPS is reporting a return to normal operation.</b>
	ACTION	<b>No action is needed. This message merely confirms that a previously reported problem has been corrected.</b>
133	MESSAGE	UPS LDEV ! reports UPS "High Ambient Temperature Shutdown" condition cleared. (UPSWRN 0133)
	CAUSE	<b>Some time ago, the specified UPS device had reported a "UPS High Ambient Temperature Shutdown" condition. Now, the "High-Ambient Temperature Shutdown" condition has been corrected. The UPS is reporting a return to normal operation.</b>
	ACTION	<b>No action is needed. This message merely confirms that a previously reported problem has been corrected.</b>
134	MESSAGE	UPS LDEV ! reports UPS "Overload" condition cleared. (UPSWRN 134)
	CAUSE	<b>Some time ago, the specified UPS device had reported a UPS "Overload" condition. Now, the UPS "Overload" condition has been corrected and the UPS is reporting that it has returned to normal operation.</b>
	ACTION	<b>No action is needed. This message merely confirms that a previously reported problem has been corrected.</b>
135	MESSAGE	UPS LDEV ! reports UPS "High Ambient Temperature" condition cleared. (UPSWRN 0135)
	CAUSE	<b>Some time ago, the specified UPS device had reported a UPS "High Ambient Temperature" condition. Now, the "High Ambient Temperature" condition has been corrected</b>

		and the UPS is reporting that it has returned to normal operation.
	ACTION	No action is needed. This message merely confirms that a previously reported problem has been corrected.
136	MESSAGE	UPS LDEV ! reports UPS "Battery Test Fail" condition cleared. (UPSWRN 0136)
	CAUSE	Some time ago, the specified UPS device had reported a UPS "Battery Test Fail" condition. Now, the "Battery Test Fail" condition within the UPS device has been corrected and the UPS is reporting a return to normal operation.
	ACTION	No action is needed. This message merely confirms that a previously reported problem has been corrected.
137	MESSAGE	UPS LDEV ! reports UPS "High Battery Voltage" condition cleared. (UPSWRN 0137)
	CAUSE	Some time ago, the specified UPS device had reported a UPS "High Battery Volt- age" condition. Now, the "High Battery Voltage" condition in the UPS device has been corrected and the UPS is reporting a return to normal operation.
	ACTION	No action is needed. This message merely confirms that a previously reported problem has been corrected.
138	MESSAGE	UPS LDEV ! reports UPS "Low Battery Voltage" condition cleared. (UPSWRN 0138)
	CAUSE	Some time ago, the specified UPS device had reported a UPS "Low Battery Volt- age" condition. Now, the "Low Battery Voltage" condition in the UPS device has been corrected and the UPS is reporting a return to normal operation.
	ACTION	No action is needed. This message merely confirms that a previously reported problem has been corrected.
139	MESSAGE	UPS LDEV ! reports UPS "High Output Voltage Shutdown" condition cleared. (UPSWRN 0139)
	CAUSE	Some time ago, the specified UPS device had reported a UPS "High Output Volt- age Shutdown" condition. Now, the "High Output Voltage Shutdown" condition has been cleared and the UPS is reporting a return to normal operation.
	ACTION	No action is needed. This message merely confirms that a previously reported problem has been corrected.
140	MESSAGE	UPS LDEV ! reports UPS "Low Output Voltage Shutdown" condition cleared. (UPSWRN 0140)
	CAUSE	Some time ago, the specified UPS device had reported a

		<b>UPS "Low Output Voltage Shutdown" condition. Now, the "Low Output Voltage Shutdown" condition has been corrected and the UPS is reporting a return to normal operation.</b>
	ACTION	<b>No action is needed. This message merely confirms that a previously reported problem has been corrected.</b>
192	MESSAGE	UPS LDEV ! reports UPS "System Fail" condition. (UPSERR 0192)
	CAUSE	<b>The specified UPS device reported a UPS "System Failure" condition. This is a hardware malfunction condition within the UPS.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
193	MESSAGE	UPS LDEV ! reports UPS "Inverter Fail" condition. (UPSERR 0193)
	CAUSE	<b>The specified UPS device reported a "UPS Inverter Fail" condition. This is a hardware malfunction condition within the UPS. The DC-to-AC power inverter within the UPS has malfunctioned.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
194	MESSAGE	UPS LDEV ! reports UPS "Battery Not Present" condition. (UPSERR 0194)
	CAUSE	<b>The specified UPS device reported a "Battery Not Present" condition. This is a hardware malfunction condition within the UPS. The UPS hardware logic perceives that the UPS battery pack is not connected.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
195	MESSAGE	UPS LDEV ! reports UPS "Charger Fault" condition. (UPSERR 0195)
	CAUSE	<b>The specified UPS device reported a UPS "Charger Fault" condition. This is a hardware malfunction condition within the UPS. The UPS' internal battery charger circuitry has malfunctioned.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
196	MESSAGE	UPS LDEV ! reports UPS "Overload Shutdown" condition. (UPSERR 0196) \CAUSE\ <b>The specified UPS device reported a UPS "Overload Shutdown" condition. Too much power was being drawn from the UPS AC output by the computer equipment being powered from this UPS. That equipment may be malfunctioning.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
197	MESSAGE	UPS LDEV ! reports UPS "High Ambient Temperature Shutdown" condition. (UPSERR



		0197)
	CAUSE	The specified UPS device reported a UPS "High Ambient Temperature Shutdown" condition. The temperature of the UPS hardware became too high to permit safe operation, and the UPS turned itself off to prevent equipment damage.
	ACTION	If the computer room has become too warm, take steps to cool the room. If room temperature is not the problem, there has probably been a hardware malfunction. Call your Hewlett-Packard service representative.
198	MESSAGE	UPS LDEV ! reports UPS "Overload" condition. (UPSERR 0198)
	CAUSE	The specified UPS device reported a UPS "Overload" condition. The equipment being powered by the UPS is drawing too much power from the UPS AC output. If the excessive power draw continues, the UPS may reach an "Overload Shutdown".
	ACTION	Call your Hewlett-Packard service representative.
199	MESSAGE	UPS LDEV ! reports UPS "High Ambient Temperature" condition. (UPSERR 0199)
	CAUSE	The specified UPS device reported a UPS "High Ambient Temperature" condition. The UPS has detected an abnormally high temperature in the UPS hardware. If the temperature rises further, the UPS may reach "High Temperature Shutdown".
	ACTION	If the computer room has become too warm, take steps to cool the room. If room temperature is not the problem, there has probably been a hardware malfunction. Call your Hewlett-Packard service representative.
200	MESSAGE	UPS LDEV ! reports UPS "Battery Test Fail" condition. (UPSERR 0200)
	CAUSE	The specified UPS device reported a UPS "Battery Test Fail" condition. This is a hardware malfunction within the UPS hardware. The UPS logic perceives that the UPS battery is not working properly.
	ACTION	Call your Hewlett-Packard service representative.
201	MESSAGE	UPS LDEV ! reports UPS "High Battery Voltage" condition. (UPSERR 0201)
	CAUSE	The specified UPS device reported a UPS "High Battery Voltage" condition. This is a hardware malfunction within the UPS hardware. The UPS logic perceives that the UPS battery is not working properly.

	ACTION	<b>Call your Hewlett-Packard service representative.</b>
202	MESSAGE	UPS LDEV ! reports UPS "Low Battery Voltage" condition. (UPSERR 0202)
	CAUSE	<b>The specified UPS device reported a UPS "Low Battery Voltage" condition. This is a hardware malfunction within the UPS hardware. The UPS logic perceives that the UPS battery is not working properly.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
203	MESSAGE	UPS LDEV ! reports UPS "High Output Voltage Shutdown" condition. (UPSERR 0203)
	CAUSE	<b>The specified UPS device reported a UPS "High Output Voltage Shutdown" condition. This is a hardware malfunction within the UPS hardware or possibly in the equipment being powered from the UPS. The UPS has shut itself off.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
204	MESSAGE	UPS LDEV ! reports UPS "Low Output Voltage Shutdown" condition. (UPSERR 0204)
	CAUSE	<b>The specified UPS device reported a UPS "Low Output Voltage Shutdown" condition. This is a hardware malfunction within the UPS hardware or possibly in the equipment being powered from the UPS. The UPS has shut itself off.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
512	MESSAGE	UPS Monitor UPS error: Lost communications with UPS LDEV !. That UPS is no longer being monitored. (UPSERR 0512)
	CAUSE	<b>The UPS Monitor had been monitoring the specified UPS LDEV successfully, then for some reason lost I/O communications with that UPS. The I/O interface cable or I/O interface hardware may have failed, or the UPS itself may have failed.</b>
	ACTION	<b>Check the specified UPS's I/O interface cable and I/O interface connection at the computer. Check the UPS hardware for power connections and front panel indicators. If the cause is not found, call your HP service representative.</b>
513	MESSAGE	UPS Monitor logic error: Attempted to map an invalid UPS power status condition. (UPSERR 0513)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other</b>

		<b>system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
514	MESSAGE	UPS Monitor logic error: Attempted to map an invalid UPS alarm status condition. (UPSERR 0514)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
515	MESSAGE	UPS Monitor logic error: Attempted to map an invalid UPS status kind. (UPSERR 0515)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
516	MESSAGE	UPS Monitor system call error: Error status ! (Subsystem # !, Error # !) received from procedure Receive_Msg. (UPSERR 0516)
	CAUSE	<b>This is a software-detected error condition that indicates an error occurred in a call to the specified MPE/iX Operating System procedure when that procedure was called by the UPS Monitor software.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
517	MESSAGE	UPS Monitor system call error: Error status ! (Subsystem # !, Error # !) received from procedure Sendio. (UPSERR 0517)
	CAUSE	<b>This is a software-detected error condition that indicates an error occurred in a call to the specified MPE/iX Operating System procedure when that procedure was called by the UPS Monitor software.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
518	MESSAGE	UPS Monitor logic error: Invalid UID in UPS Table Entry when starting next UPS I/O request. (UPSERR 0518)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
519	MESSAGE	UPS Monitor logic error: Invalid UPS Number in UPS Table Entry when starting next UPS I/O request. (UPSERR 0519)

	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
520	MESSAGE	UPS Monitor logic error: Attempt to specify "no I/O request" when starting next UPS I/O request. (UPSERR 0520)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
521	MESSAGE	UPS Monitor logic error: Invalid Read request count when starting next UPS I/O request. (UPSERR 0521)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative</b>
522	MESSAGE	UPS Monitor logic error: Invalid I/O function specified when starting next UPS I/O request. (UPSERR 0522)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
523	MESSAGE	UPS Monitor logic error: Attempt to start next UPS I/O request when previous UPS I/O request still running. (UPSERR 0523)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
524	MESSAGE	UPS Monitor logic error: Attempt to start more UPS I/O requests than there are UPS devices being monitored. (UPSERR 0524)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
525	MESSAGE	UPS Monitor system call error: Error status ! (Subsystem # !, Error # !) received from

		procedure Rel_IO_Resources. (UPSERR 0525)
	CAUSE	<b>This is a software-detected error condition that indicates an error occurred in a call to the specified MPE/iX Operating System procedure when that procedure was called by the UPS Monitor software.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
526	MESSAGE	UPS Monitor logic error: I/O reply message received, notexpected in present UPS operating state. (UPSERR 0526)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
527	MESSAGE	UPS Monitor logic error: I/O reply message received, butUPS operating state is undefined/unknown. (UPSERR 0527)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
528	MESSAGE	UPS Monitor logic error: UPS operating substate invalid while processing a "Go Online" I/O completion. (UPSERR 0528)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
529	MESSAGE	UPS Monitor logic error: UPS operating substate invalid while processing a "Set Terminal Controls" I/O completion. (UPSERR 0529)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
530	MESSAGE	UPS Monitor logic error: UPS number invalid in UID of I/O Reply message. (UPSERR 0530)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>

531	MESSAGE	UPS Monitor logic error: Underflow of a UPS's number of I/O requests outstanding when processing a UPS I/O completion. (UPSERR 0531)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
532	MESSAGE	UPS Monitor logic error: Underflow of global number of UPS I/O requests outstanding when processing a UPS I/O completion. (UPSERR 0532)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
533	MESSAGE	UPS LDEV ! I/O Operation warning: Warning status returned by I/O system at completion of a UPS I/O request. (UPSWRN 0533)
	CAUSE	<b>This is a software-detected warning condition that indicates something unusual occurred in an I/O request made to a UPS by the UPS Monitor.</b>
	ACTION	<b>If this warning appears only rarely, then no action is needed. If it appears frequently, then call your Hewlett-Packard service representative.</b>
534	MESSAGE	UPS LDEV ! I/O Operation error: Error status returned by I/O system at completion of a UPS I/O request. (UPSERR 0534)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the I/O software subsystems that the UPS Monitor uses to communicate with UPS devices.</b>
	ACTION	<b>If this error appears only rarely, then no action is needed. If it appears frequently, then call your Hewlett-Packard service representative.</b>
535	MESSAGE	UPS LDEV ! I/O Operation error: A status of "aborted" was returned by I/O system as completion status of a UPS I/O request. (UPSERR 0535)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the I/O software subsystems that the UPS Monitor uses to communicate with UPS devices.</b>
	ACTION	<b>If this error appears only rarely, then no action is needed.</b>

		<b>If it appears frequently, then call your Hewlett-Packard service representative.</b>
536	MESSAGE	UPS LDEV ! I/O Operation error: UPS device failed to complete a Read I/O request in allotted time. The Read request timed out. (UPSERR 0536)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the I/O software subsystems that the UPS Monitor uses to communicate with UPS devices. It could indicate a disconnected I/O cable or a UPS hardware malfunction.</b>
	ACTION	<b>Check for proper connection of the UPS I/O interface cable at both ends. See if the UPS is powered-on. If those checks do not reveal the source of the problem, then call your Hewlett-Packard service representative.</b>
538	MESSAGE	UPS Monitor logic error: UPS operating substate invalid while processing a "Monitoring" I/O completion. (UPSERR 0538)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
539	MESSAGE	UPS Monitor logic error: A UPS I/O completion reply message was received when none was expected, or the message received was not the one that was expected. (UPSERR 0539)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
540	MESSAGE	UPS Monitor UPS initialization: UPS LDEV ! was initialized successfully and is now being monitored. (UPSWRN 0540)
	CAUSE	<b>During system startup, the specified UPS device was successfully initialized by the UPS Monitor.</b>
	ACTION	<b>No action is needed. This is merely an expected confirmation that the UPS and UPS Monitor software are operating correctly.</b>
541	MESSAGE	UPS Monitor system call error: Error status ! (Subsystem # !, Error # !) received from procedure Send_Msg. (UPSERR 0541)
	CAUSE	<b>This is a software-detected error condition that indicates</b>

		<b>an error occurred in a call to the specified MPE/iX Operating System procedure when that procedure was called by the UPS Monitor software.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
542	MESSAGE	UPS Monitor logic error: A UPS I/O reply message was received unexpectedly. The operating state of the UPS Monitor is inappropriate for receiving an I/O completion reply message. (UPSERR 0542)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
543	MESSAGE	UPS Monitor logic error: Processing of a UPS I/O completion message resulted in an unknown/undefined "io_result" variable. (UPSERR 0543)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
544	MESSAGE	UPS Monitor logic error: An invalid message was received by the UPS Monitor at its message port. The message is not recognized as any of the UPS Monitor's message types. (UPSERR 0544)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
545	MESSAGE	UPS Monitor logic error: An event message of invalid type was received by the UPS Monitor. The message is recognized as an event message, but the kind of event is unknown. (UPSERR 0545)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
546	MESSAGE	:UPS Monitor logic error: A timer message of invalid type was received by the UPS Monitor. The message is recognized as a timer message,



		but the kind of timer is unknown. (UPSERR 0546)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
547	MESSAGE	UPS Monitor system call error: Error status ! (Subsystem # !, Error # !) received from procedure Get_Timer. (UPSERR 0547)
	CAUSE	<b>This is a software-detected error condition that indicates an error occurred in a call to the specified MPE/iX Operating System procedure when that procedure was called by the UPS Monitor software.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
548	MESSAGE	UPS Monitor logic error: UPS Monitor attempted to process a timer event message of an invalid type. (UPSERR 0548)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
549	MESSAGE	UPS Monitor logic error: During shutdown processing, while aborting UPS I/O requests, the UPS Monitor detected an "invalid number of UPS's configured" condition in its global table. (UPSERR 0549)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
550	MESSAGE	UPS Monitor logic error: During shutdown processing, while aborting UPS I/O requests, the UPS Monitor detected an "invalid number of UPS's monitored" condition in its global table. (UPSERR 0550)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
551	MESSAGE	UPS Monitor logic error: During shutdown processing, while aborting UPS I/O requests, the UPS Monitor detected a Nil UPS Table

		Pointer condition in its global table. (UPSERR 0551)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
552	MESSAGE	UPS Monitor system call error: Error status ! (Subsystem # !, Error # !) received from procedure Abortio_Request. (UPSERR 0552)
	CAUSE	<b>This is a software-detected error condition that indicates an error occurred in a call to the specified MPE/iX Operating System procedure when that procedure was called by the UPS Monitor software.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
553	MESSAGE	UPS Monitor logic error: During shutdown processing, while aborting UPS I/O requests, the UPS Monitor detected an invalid UPS Table Entry. (UPSERR 0553)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
554	MESSAGE	UPS Monitor logic error: During shutdown processing, while aborting UPS I/O requests, the UPS Monitor detected an invalid count of UPS I/O requests outstanding. (UPSERR 0554)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
555	MESSAGE	UPS Monitor logic error: During shutdown processing, the UPS Monitor found that the UPS Monitor operating state was invalid when the shutdown event message was received. (UPSERR 0555)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
556	MESSAGE	UPS Monitor logic error: During shutdown

		processing, the UPS Monitor found that a shutdown operation was already in progress. (UPSERR 0556)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
557	MESSAGE	UPS Monitor logic error: During shutdown processing, when attempting to start the shutdown limit timer, the UPS Monitor found that a shutdown limit timer was already running. (UPSERR 0557)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
558	MESSAGE	UPS Monitor system call error: Error status ! (Subsystem # !, Error # !) received from procedure Release_Timer. (UPSERR 0558)
	CAUSE	<b>This is a software-detected error condition that indicates an error occurred in a call to the specified MPE/iX Operating System procedure when that procedure was called by the UPS Monitor software.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
559	MESSAGE	UPS Monitor logic error: During UPS I/O completion processing in the "Set Terminal Controls" sequence, an I/O reply message was received that was not of the expected (Terminal Control) type. (UPSERR 0559)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
560	MESSAGE	UPS Monitor logic error: While processing an I/O Write completion, an I/O reply message was received that was not of the expected (Write) type. (UPSERR 0560)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
561	MESSAGE	UPS Monitor logic error: While processing an

		I/O Read completion, an I/O reply message was received that was not of the expected (Read) type. (UPSERR 0561)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
562	MESSAGE	UPS LDEV ! I/O Operation error: The actual Write data transfer length in a UPS Write I/O operation was not the expected (requested) transfer length. (UPSERR 0562)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the I/O software subsystems that the UPS Monitor uses to communicate with UPS devices.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
563	MESSAGE	UPS LDEV ! I/O Operation error: The actual Read data transfer length in a UPS Read I/O operation was too short, less than the minimum required Read transfer length. (UPSERR 0563)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the I/O software subsystems that the UPS Monitor uses to communicate with UPS devices. It could also indicate an I/O interface hardware error, or a UPS hardware error</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
564	MESSAGE	UPS LDEV ! I/O Operation error: The actual Read data transfer length in a UPS Read I/O operation was too long, greater than the maximum requested Read transfer length. (UPSERR 0564)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the I/O software subsystems that the UPS Monitor uses to communicate with UPS devices. It could also indicate an I/O interface error or a UPS hardware error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
565	MESSAGE	UPS Monitor logic error: UPS Monitor found global timer_id of zero, which is invalid, when it attempted to release the shutdown limit timer. (UPSERR 0565)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other</b>

		<b>system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
566	MESSAGE	UPS Monitor logic error: UPS Monitor detected invalid parameters in a call to one of its procedures that inspects UPS Read data for matching to expected UPS input data patterns. (UPSERR 0566)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
567	MESSAGE	UPS LDEV ! I/O operation error: Data supplied by the UPS device in response to a Read I/O request did not match any of the allowable data patterns for that request. The Read will be re-done. (UPSERR 0567)
	CAUSE	<b>Possibly a poor I/O interface cable connection between the system and the UPS. Possibly electrical noise interference induced in the I/O interface cable or hardware. It could also indicate a malfunction of the UPS hardware.</b>
	ACTION	<b>If this error appears only rarely, then no action is needed. If it appears frequently, then call your Hewlett-Packard service representative.</b>
568	MESSAGE	UPS Monitor logic error: Table lookup of what should have been a valid UPS power status character failed to find the character in the lookup table. (UPSERR 0568)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
569	MESSAGE	UPS Monitor logic error: Table lookup of what should have been a valid UPS alarm status character failed to find the character in the lookup table. (UPSERR 0569)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
570	MESSAGE	UPS Monitor logic error: Table lookup of a UPS status character produced inconsistent

		results: The lookup procedure declared that it had found the character, but reported its type as "unknown". (UPSERR 570)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
571	MESSAGE	UPS Monitor logic error: After deciding that a UPS status character was valid, the UPS Monitor then failed to find that status character in its status lookup table. (UPSERR 0571)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
572	MESSAGE	UPS LDEV ! I/O operation error: The I/O completion status reported for the UPS I/O operation had an incorrect, unexpected I/O subsystem number in it. (UPSERR 0572)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the I/O software subsystems that the UPS Monitor uses to communicate with UPS devices.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
573	MESSAGE	UPS LDEV ! initialization error: After trying several times, the UPS Monitor has been unable to complete the initialization sequence of I/O operations for this UPS device. (UPSERR 0573)
	CAUSE	<b>Something is preventing the HP3000 system from communicating with the UPS. Possibly a bad I/O interface cable or bad I/O interface hardware at the system or at the UPS. Possibly a UPS hardware malfunction.</b>
	ACTION	<b>Check the I/O interface cable for correct attachment, and check that the UPS is powered-on. Check that the system I/O configuration is correct. If the problem is not found, then call your Hewlett-Packard service representative.</b>
574	MESSAGE	UPS Monitor system call error: Error status ! (Subsystem # !, Error # !) received from procedure Simple_Create_Process. (UPSERR 0574)
	CAUSE	<b>This is a software-detected error condition that indicates an error occurred in a call to the specified MPE/iX</b>

		<b>Operating System procedure when that procedure was called by the UPS Monitor software.</b>
	ACTION	Call your Hewlett-Packard service representative.
575	MESSAGE	UPS Monitor system call error: Error status ! (Subsystem # !, Error # !) received from procedure Find_Plabel_Info. (UPSERR 0575)
	CAUSE	<b>This is a software-detected error condition that indicates an error occurred in a call to the specified MPE/iX Operating System procedure when that procedure was called by the UPS Monitor software.</b>
	ACTION	Call your Hewlett-Packard service representative
576	MESSAGE	UPS Monitor system call error: Error status ! (Subsystem # !, Error # !) received from procedure HPgetsysplabel. (UPSERR 0576)
	CAUSE	<b>This is a software-detected error condition that indicates an error occurred in a call to the specified MPE/iX Operating System procedure when that procedure was called by the UPS Monitor software.</b>
	ACTION	Call your Hewlett-Packard service representative.
577	MESSAGE	UPS Monitor warning: Too many UPS devices have been configured in the system I/O configuration files. The UPS Monitor can not monitor all of them; it will monitor as many as it can. (UPSWRN 0577)
	CAUSE	<b>Incorrect system I/O configuration. The system I/O configuration, generated by SYSGEN and NMMGR configurators, contains more than 128 UPS devices, which is the maximum number that the UPS monitor can handle simultaneously.</b>
	ACTION	<b>Review and correct the system I/O configuration, reducing the number of UPS devices specified in the configuration to an acceptable number.</b>
578	MESSAGE	UPS Monitor system call error: Error status ! (Subsystem # !, Error # !) received from procedure Start_Shut_NM. (UPSERR 0578)
	CAUSE	<b>This is a software-detected error condition that indicates an error occurred in a call to the specified MPE/iX Operating System procedure when that procedure was called by the UPS Monitor software.</b>
	ACTION	Call your Hewlett-Packard service representative.
579	MESSAGE	UPS Monitor logic error: UPS Monitor attempted to create a "zero size" UPS Table.

		(UPSERR 0579)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
580	MESSAGE	UPS Monitor system call error: Error status ! (Subsystem # !, Error # !) received from procedure HPFOPEN. (UPSERR 0580)
	CAUSE	<b>This is a software-detected error condition that indicates an error occurred in a call to the specified MPE/iX Operating System procedure when that procedure was called by the UPS Monitor software.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
581	MESSAGE	UPS Monitor system call error: Error status ! (Subsystem # !, Error # !) received from procedure FCLOSE. (UPSERR 0581)
	CAUSE	<b>This is a software-detected error condition that indicates an error occurred in a call to the specified MPE/iX Operating System procedure when that procedure was called by the UPS Monitor software.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
582	MESSAGE	UPS Monitor system call error: Error status ! (Subsystem # !, Error # !) received from procedure Release_Object. (UPSERR 0582)
	CAUSE	<b>This is a software-detected error condition that indicates an error occurred in a call to the specified MPE/iX Operating System procedure when that procedure was called by the UPS Monitor software.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
583	MESSAGE	UPS Monitor system call error: Error status ! (Subsystem # !, Error # !) received from procedure Create_Object. (UPSERR 0583)
	CAUSE	<b>This is a software-detected error condition that indicates an error occurred in a call to the specified MPE/iX Operating System procedure when that procedure was called by the UPS Monitor software.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
584	MESSAGE	UPS Monitor system call error: Error status ! (Subsystem # !, Error # !) received from procedure Create_Port. (UPSERR 0584)
	CAUSE	<b>This is a software-detected error condition that indicates an error occurred in a call to the specified MPE/iX</b>



		<b>Operating System procedure when that procedure was called by the UPS Monitor software.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
585	MESSAGE	UPS Monitor system call error: Error status ! (Subsystem # !, Error # !) received from procedure Purge_Port. (UPSERR 0585)
	CAUSE	<b>This is a software-detected error condition that indicates an error occurred in a call to the specified MPE/iX Operating System procedure when that procedure was called by the UPS Monitor software.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
586	MESSAGE	UPS Monitor error: UPS Monitor was unable to create its UPS Table object. The UPS Monitor process can not operate without it, and is aborting itself. (UPSERR 0586)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
587	MESSAGE	UPS Monitor UPS error: Unable to start monitoring on UPS Ldev ! due to File System error in finding or opening the device. (UPSWRN 0587)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
588	MESSAGE	UPS Monitor logic error: UPS Monitor has detected that it has declared a UPS device to be "down", but the status that tells the reason for the "down" is invalid/undefined. (UPSERR 0588)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
589	MESSAGE	UPS LDEV ! initialization error: UPS Monitor was unable to allocate (open) this UPS device. This UPS device will not be monitored. (UPSERR 0589)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other</b>

		<b>system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
590	MESSAGE	UPS Monitor error: UPS Monitor process initialization failed due to error in obtaining resources (data object, message port, etc.). (UPSERR 0590)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
591	MESSAGE	UPS Monitor warning: UPS Monitor finds no UPS devices configured in the system I/O configuration files. UPS Monitor is terminating itself. (UPSWRN 0591)
	CAUSE	<b>No UPSs have been configured in the system's I/O configuration files. This is an error if this system is supposed to have UPSs on it. This is not an error if this system is not supposed to have UPS devices on it.</b>
	ACTION	<b>If this system is supposed to have UPS devices on it, then review and correct the system I/O configuration, and then restart the system. If this system is not supposed to have UPS devices on it, then no action is needed.</b>
592	MESSAGE	UPS Monitor system call error: Error status ! (Subsystem # !, Error # !) received from procedure Get_Ups_Devices_Count. (UPSERR 0592)
	CAUSE	<b>This is a software-detected error condition that indicates an error occurred in a call to the specified MPE/iX Operating System procedure when that procedure was called by the UPS Monitor software.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
593	MESSAGE	UPS LDEV ! initialization error: UPS Monitor was unable to locate this UPS LDEV via the File System's "Device Files" facility. (UPSERR 0593)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
594	MESSAGE	UPS Monitor logic error: Attempted to do status character mapping (table lookup) of an unknown/undefined UPS status character.

		(UPSERR 0594)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
595	MESSAGE	UPS Monitor information: UPS Monitor process has been launched by PROGEN and is starting-up its operation. (UPSWRN 0595)
	CAUSE	<b>The system has just been started-up, and the UPS Monitor software subsystem has automatically been started as well.</b>
	ACTION	<b>No action is needed. This is merely an informational message confirming that the UPS Monitor software has been started.</b>
596	MESSAGE	UPS Monitor information: UPS Monitor process has initialized itself successfully, and is ready to start UPS monitoring operations. (UPSWRN 0596)
	CAUSE	<b>After the UPS Monitor process was first started, it successfully initialized itself: it acquired the basic resources it needed to commence operations.</b>
	ACTION	<b>No action is needed. This is merely an informational message that confirms that the UPS Monitor completed its process initialization successfully.</b>
597	MESSAGE	UPS Monitor information: UPS Monitor process is shutting down, due to a normal system shutdown. (UPSWRN 0597)
	CAUSE	<b>The system operator initiated a normal Control-A Shutdown of the MPE/iX system. The UPS Monitor is shutting itself down as part of the overall system shutdown.</b>
	ACTION	<b>No action is needed. This is merely an informational message that confirms that the UPS Monitor is shutting down due to a normal system shutdown.</b>
598	MESSAGE	UPS Monitor system call error: Error status ! (Subsystem # !, Error # !) received from procedure Get_Ups_Devices_List. (UPSERR 0598)
	CAUSE	<b>This is a software-detected error condition that indicates an error occurred in a call to the specified MPE/iX Operating System procedure when that procedure was called by the UPS Monitor software.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>

599	MESSAGE	UPS Monitor warning: UPS Monitor process is shutting down and restarting itself due to an internal error condition. (UPSWRN 0599)
	CAUSE	<b>The UPS Monitor detected an error condition internal to its software, and is attempting to recover by restarting itself from the beginning of its process.</b>
	ACTION	<b>If this warning appears only rarely, then no action is needed. If it appears frequently, then call your Hewlett-Packard service representative.</b>
600	MESSAGE	UPS Monitor error: UPS Monitor process is shutting down, due to an unrecoverable internal error condition. (UPSERR 0600)
	CAUSE	<b>The UPS Monitor software detected an error condition within its processing from which it can not recover. Accordingly, it is shutting itself down, ending the UPS monitoring processing.</b>
	ACTION	<b>This should rarely, if ever, happen in practice. You can re-boot the system to see if the UPS Monitor will run successfully after a new startup of the system. If the problem persists, call your Hewlett-Packard service representative.</b>
601	MESSAGE	UPS Monitor logic error: UPS Monitor process unable to obtain list of UPS LDEVs from HLIO after successfully obtaining number of UPS devices from HLIO. (UPSERR 0601)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>
602	MESSAGE	UPS Monitor information: UPS Monitor process startup of UPS devices failed, due to inability to get UPS devices' allocation information from the system. (UPSERR 0602)
	CAUSE	<b>This is a software-detected error condition that indicates an error in the UPS Monitor software or in some other system software, or a system memory error.</b>
	ACTION	<b>Call your Hewlett-Packard service representative.</b>

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## VolumeManagement

### (Subsystem 163)

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NOTE	This chapter includes HPVOLINFO error messages.	
150	MESSAGE	HPVOLINFO DETECTED AN INVALID ITEM NUMBER. (VLMERR 150)
	CAUSE	One or more of the item numbers passed to HPVOLINFO was not a valid item number for the intrinsic.
	ACTION	Check the item numbers being passed to HPVOLINFO against the numbers in the discussion for HPVOLINFO in the <i>MPE/iX Intrinsic Reference Manual (32650-90028)</i> . Make the call to HPVOLINFO with item numbers that appear in the discussion for HPVOLINFO;
151	MESSAGE	HPVOLINFO DETECTED AN UNPAIRED ITEM NUMBER/ITEM PARAMETER. (VLMERR 151)
	CAUSE	HPVOLINFO was called with either an item number without a corresponding item, or an item without a corresponding item number.
	ACTION	Check the call to HPVOLINFO, making sure the item numbers and items are paired. Note: It is important that an item number be followed immediately by its item.
152	MESSAGE	HPVOLINFO REQUIRES AN ADDITIONAL PARAMETER. (VLMERR 152)
	CAUSE	HPVOLINFO was called with a volume specifier number that was not 0; volume specifier numbers that are not 0 require a volume specifier to be supplied.
	ACTION	Call HPVOLINFO with a volume specifier when the volume specifier number being used is not 0.
153	MESSAGE	HPVOLINFO RECEIVED A PARAMETER WITH AN INVALID ADDRESS. (VLMERR 153)
	CAUSE	Either the status parameter or one (or more) of the item parameters being supplied to HPVOLINFO contains an address that is not accessible by the user.
	ACTION	Make sure that the status parameter and the item parameters are local to the code calling HPVOLINFO.
154	MESSAGE	HPVOLINFO CALLED WHILE IN SPLIT STACK MODE. (VLMERR 154)
	CAUSE	HPVOLINFO was called while the user program was in

		<b>Split Stack mode.</b>
	ACTION	<b>Make the call to HPVOLINFO either before entering or after exiting Split Stack mode.</b>
155	MESSAGE	HPVOLINFO CALLED WITH A VOLUME THAT IS NOT MOUNTED. (VLMERR -155)
	CAUSE	<b>One or more of the volumes passed to HPVOLINFO in the volume specifier is not logically mounted.</b>
	ACTION	<b>Make sure that the volume(s) specified in the volume specifier have all been logically mounted via the VSOPEN command.</b>
156	MESSAGE	HPVOLINFO DETECTED AN INVALID VOLUME SPECIFIER NUMBER. (VLMERR 156)
	CAUSE	<b>The volume specifier number passed to HPVOLINFO is not valid for the intrinsic.</b>
	ACTION	<b>Check the volume specifier number against those listed under the volspecifiernum parameter for HPVOLINFO in the <i>MPE/iX Intrinsic Reference Manual</i>; make the call to HPVOLINFO with a number in that list.</b>
157	MESSAGE	HPVOLINFO DETECTED AN INVALID VOLUME SPECIFIER. (VLMERR 157)
	CAUSE	<b>Either volume specifier does not agree with the volume specifier number being used, the volspecifier does not have valid delimiters or, if specifying an LDEV, the LDEV number is not in the range from 1 to 999.</b>
	ACTION	<b>Make sure the volume specifier agrees with the volume specifier number being used. For a list of volume specifier numbers and the volume specifier they expect, see the description of the volspecifiernum parameter in the <i>MPE/iX Intrinsic Reference Manual</i>. Make sure the name in the volume specifier is properly enclosed in a set of delimiter characters. If sending an LDEV number to HPVOLINFO, make sure that the LDEV number is in the range of 1 to 999.</b>
158	MESSAGE	HPVOLINFO RECEIVED AN LDEV NUMBER THAT WAS NOT A DISC DEVICE. (VLMERR 158)
	CAUSE	<b>The LDEV number in the volume specifier does not map to a disc device.</b>
	ACTION	<b>Use the DSTAT ALL command to list all of the disc devices. One of the items output from DSTAT is LDEV numbers. Use one of the LDEV numbers in the list as the volume specifier.</b>
159	MESSAGE	DEVICE CLASS NOT CONFIGURED FOR

		VOLUMES.(VLMERR 159)
	CAUSE	<b>This error should not be returned by HPVOLINFO running on MPE/iX.</b>
	ACTION	<b>Call your HP Support Representative for assistance.</b>
160	MESSAGE	DEVICE CLASS DOES NOT MAP INTO A VOLUME CLASS.(VLMERR 160)
	CAUSE	<b>On MPE/iX, the device class name is mapped to a volume class name for the system volume set (MPEXL_SYSTEM_VOLUME_SET). The device name in the volume specifier is not a class name for the system volume set.</b>
	ACTION	<b>Run the utility VOLUTIL. Once inside, do SHOWSET on the system volume set. This will return the list of class names associated with the system volume set. Any of the names returned may be used as the device class name.</b>
161	MESSAGE	FREE SPACE RANGE SIZES ARE NOT IN ASCENDING ORDER.(VLMERR 161)
	CAUSE	<b>The range sizes in the input array for items 36, 37, 38 or 39 are not in ascending order.</b>
	ACTION	<b>The first value in the input array for these items is the number of ranges we wish to see; the rest or the numbers are the lower bound values for the buckets and should appear in the array in ascending order. If the range values are in ascending order, then make sure that the array contains the correct number of lower bound values. For example, if you wish to see 6 ranges, the first value in the input array should be 6, and the next 5 values in the array should be lower bounds values for the last five ranges (the lower bound for the first range is assumed to be 0).</b>
162	MESSAGE	INVALID NUMBER OF FREE SPACE RANGES SPECIFIED.(VLMERR 162)
	CAUSE	<b>The first value in the input array for items 36, 37, 38 or 39 is either less than 2 or greater than 16.</b>
	ACTION	<b>Make sure the first value in the input array for items 36, 37, 38 and 39 is in the range from 2 to 16.</b>
163	MESSAGE	VOLUME CLASS CAN NOT BE SPECIFIED FOR THE SYSTEM VOLUME SET.(VLMERR 163)
	CAUSE	<b>This error should not be returned by HPVOLINFO running on MPE/iX.</b>
	ACTION	<b>Call your HP Support Representative for assistance.</b>
164	MESSAGE	HPVOLINFO ENCOUNTERED AN ERROR WHILE SCANNING THE DIRECTORY.(VLMERR 164)

	CAUSE	<b>This error should not be returned by HPVOLINFO running on MPE/iX.</b>
	ACTION	<b>Call your HP Support Representative for assistance.</b>
165	MESSAGE	HPVOLINFO ENCOUNTERED AN UNREADABLE FILE LABEL. (VLMERR 165)
	CAUSE	<b>This error should not be returned by HPVOLINFO running on MPE/iX.</b>
	ACTION	<b>Call your HP Support Representative for assistance.</b>
166	MESSAGE	HPVOLINFO ENCOUNTERED A BAD DISC FREE SPACE MAP. (VLMERR 166)
	CAUSE	<b>This error should not be returned by HPVOLINFO running on MPE/iX.</b>
	ACTION	<b>Call your HP Support Representative for assistance.</b>
167	MESSAGE	ALLOCATION IS DISABLED FOR DISC FREE SPACE MAP. (VLMERR 167)
	CAUSE	<b>This error should not be returned by HPVOLINFO running on MPE/iX.</b>
	ACTION	<b>Call your HP Support Representative for assistance.</b>
168	MESSAGE	THE DEFECTIVE TRACKS TABLE IS UNREADABLE. (VLMERR 168)
	CAUSE	<b>This error should not be returned by HPVOLINFO running on MPE/iX.</b>
	ACTION	<b>Call your HP Support Representative for assistance.</b>
169	MESSAGE	HPVOLINFO ENCOUNTERED A DISC I/O ERROR. (VLMERR 169)
	CAUSE	<b>This error should not be returned by HPVOLINFO running on MPE/iX.</b>
	ACTION	<b>Call your HP Support Representative for assistance.</b>
170	MESSAGE	VIRTUAL MEMORY REQUESTS ARE ONLY VALID FOR SYSTEM VOLUMES. (VLMERR 170)
	CAUSE	<b>This error should not be returned by HPVOLINFO running on MPE/iX.</b>
	ACTION	<b>Call your HP Support Representative for assistance.</b>
171	MESSAGE	DIRECTORY SIZE REQUEST IS NOT VALID FOR THE SPECIFIED VOLUME. (VLMERR 171)
	CAUSE	<b>This error should not be returned by HPVOLINFO running on MPE/iX.</b>
	ACTION	<b>Call your HP Support Representative for assistance.</b>



172	MESSAGE	SPOOL FILE SPACE REQUEST IS ONLY VALID FOR SYSTEM VOLUMES. (VLMERR 172)
	CAUSE	<b>A request for spool file space is being made against a volume or set of volumes that is not part of the system set (MPEXL_SYSTEM_VOLUME_SET).</b>
	ACTION	<b>Make sure the volume specifier indicates a volume or set of volumes that is part of the system set (MPEXL_SYSTEM_VOLUME_SET).</b>
173	MESSAGE	HPVOLINFO RECEIVED AN ITEM NUMBER THAT IS VALID ONLY FOR MPE XL SYSTEMS. (VLMERR 173)
	CAUSE	<b>This error should not be returned by HPVOLINFO running on MPE/iX.</b>
	ACTION	<b>Call your HP Support Representative for assistance.</b>
174	MESSAGE	HPVOLINFO RECEIVED AN ITEM NUMBER THAT IS VALID ONLY FOR MPE V SYSTEMS. (VLMERR 174)
	CAUSE	<b>One of the item numbers passed to HPVOLINFO is valid for MPE V systems.</b>
	ACTION	<b>Make sure that all item numbers being passed to HPVOLINFO are valid item numbers for MPE/iX systems. For a list of valid MPE/iX item numbers, consult the Item Number, Item Summary for HPVOLINFO in the <i>MPE/iX Intrinsic Reference Manual</i>.</b>
175	MESSAGE	HPVOLINFO RECEIVED AN INVALID LIST LENGTH. (VLMERR 175)
	CAUSE	<b>The list length requested in the first 32-bits of the item area for items 3, 5 or 7 is either less than or equal to 0 or too large to let the whole list reside in user space.</b>
	ACTION	<b>The exact number of names returned by these items can be determined by calling HPVOLINFO with the previous item number. For example, item 2, 4 and 6 will give you the number of names that can be returned by item 3, 5 and 7, respectively. Use these numbers to specify the list length.</b>
176	MESSAGE	HPVOLINFO RECEIVED AN ITEM NUMBER THAT IS INVALID FOR THE VOLUME SPECIFIER NUMBER. (VLMERR 176)
	CAUSE	<b>One of the item numbers requested is not valid for the given volume specifier number.</b>
	ACTION	<b>Make sure all item numbers requested are valid for the desired volume specifier number. To see which item</b>

numbers are valid for the various volume specifier numbers, consult the discussion for HPVOLINFO in the *MPE/iX Intrinsic Reference Manual*.

177	MESSAGE	HPVOLINFO RECEIVED AN ITEM NUMBER THAT HAS NOT YET BEEN IMPLEMENTED. (VLMERR 177)
	CAUSE	<b>One of the item numbers passed to HPVOLINFO has not been implemented yet.</b>
	ACTION	<b>Make sure all item numbers passed to HPVOLINFO are implemented. To see which item numbers are implemented, consult the discussion for HPVOLINFO in the <i>MPE/iX Intrinsic Reference Manual</i>.</b>
178	MESSAGE	HPVOLINFO ENCOUNTERED A BAD VOLUME TABLE. (VLMERR 178)
	CAUSE	<b>This error should not be returned by HPVOLINFO running on MPE/iX.</b>
	ACTION	<b>Call your HP Support Representative for assistance.</b>
179	MESSAGE	HPVOLINFO ENCOUNTERED AN UNRECOGNIZED DRIVE TYPE. (VLMERR 179)
	CAUSE	<b>This error should not be returned by HPVOLINFO running on MPE/iX.</b>
	ACTION	<b>Call your HP Support Representative for assistance.</b>
180	MESSAGE	HPVOLINFO ENCOUNTERED A PHYSICAL I/O ERROR. (VLMERR 180)
	CAUSE	<b>The volume specified in the volume specifier was unable to respond with the information requested by HPVOLINFO due to a hardware failure.</b>
	ACTION	<b>Check to see if the volume is on-line, the power cables are conneted and all cables are connected correctly. If the problem persists, call your HP Support Representative for assistance.</b>
181	MESSAGE	HPVOLINFO RECEIVED AN UNEXPECTED ERROR. (VLMERR 181)
	CAUSE	<b>HPVOLINFO received an unexpected error.</b>
	ACTION	<b>Check the error stack for your process to determine the exact error and call your HP Support Representative for assistance.</b>
182	MESSAGE	HPVOLINFO RECEIVED AN ERROR FROM THE LABEL MANAGEMENT SUBSYSTEM. (VLMERR 182)
	CAUSE	<b>An error was detected in the Label Managemant Subsystem.</b>

	ACTION	<b>Check the error stack for your process to determine the exact error and call your HP Support Representative for assistance.</b>
183	MESSAGE	HPVOLINFO RECEIVED A DISC ACCESS ERROR. (VLMERR 183)
	CAUSE	<b>HPVOLINFO received a disc access error.</b>
	ACTION	<b>Check the error stack for your process to determine the exact error and call your HP Support Representative for assistance.</b>
184	MESSAGE	THE VOLUME SPECIFIED HAS A MIRRORED PARTNER THAT HAS BEEN DECLAIRED DISABLED. (VLMERR 184)
	CAUSE	<b>The system is unable to access the specified volume because it has a mirrored pair that is declaired disabled.</b>
	ACTION	<b>Run the VOLUTIL utility. Once inside, repair the mirrored partner of the volume specified. When the mirrored pair is repaired, retry the call to HPVOLINFO.</b>
185	MESSAGE	THE VOLUME SET SPECIFIED IS NOT A VOLUME SET ON THE SYSTEM. (VLMERR 185)
	CAUSE	<b>The volume set in the volume specifier does not exist on the system.</b>
	ACTION	<b>Use the command DSTAT ALL to obtain a list of the volume sets that are in use on the system, then use one of these names in the volume specifier being passed to HPVOLINFO.</b>
186	MESSAGE	THE VOLUME CLASS SPECIFIED DOES NOT EXIST FOR THE GIVEN VOLUME SET. (VLMERR 186)
	CAUSE	<b>The volume class name in the volume specifier does not exist for the given volume set.</b>
	ACTION	<b>Run the VOLUTIL utility. Once inside, do the SHOWSET command, selecting the class information, for the volume set you want to receive information on. Use one of the class names returned by VOLUTIL for the volume class part of the volume specifier.</b>
187	MESSAGE	THE MEMBER VOLUME IS NOT PRESENT IN THE GIVEN VOLUME SET. (VLMERR 187)
	CAUSE	<b>The volume name in the volume specifier is not a member of the given volume set.</b>
	ACTION	<b>Use the command DSTAT ALL to obtain a list of the volume names and the volume sets that they belong to on the system. Use one of these names for the volume name in the volume specifier.</b>

150	MESSAGE	ARRAY PASSED TO HPVOLINFO IS NOT LARGE ENOUGH TO HOLD ALL NAMES. (VLMWARN 150)
	CAUSE	<b>The number in the first 32-bits of the array input to HPVOLINFO for either items 3, 5 or 7 is smaller than the number of names that can be returned by these item numbers; the name list that will be returned will be truncated.</b>
	ACTION	<b>Before calling HPVOLINFO with items 3, 5, or 7, call it with items 2, 4 and 6, respectively. This will give you the exact number of names to expect from items 3, 5, and 7.</b>
151	MESSAGE	HPVOLINFO ENCOUNTERED AN UNREADABLE FILE LABEL. (VLMWARN 151)
	CAUSE	<b>HPVOLINFO encountered an unreadable file label while calculating file space.</b>
	ACTION	<b>Call your HP Support Representative for assistance.</b>
152	MESSAGE	PART OF THE SET OR CLASS IN THE VOLUME SPECIFIER IS NOT MOUNTED. (VLMWARN 152)
	CAUSE	<b>All of the volumes in the volume set or volume class in the volume specifier are not mounted.</b>
	ACTION	<b>For information on the whole set or class, make sure all of the volumes in the set or class are mounted.</b>

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## **VOLUTIL and DISCUTIL**

### **VOLUTIL Messages**

#### **dialog**

1	MESSAGE	*Error: Unexpected error returned from execution of FFILEINFO intrinsic. (dialog 1)
2	MESSAGE	*Error: Unable to close INPUT file. (dialog 2)
3	MESSAGE	*Error: Unable to close OUTPUT file. (dialog 3)
4	MESSAGE	*Error: Unexpected error occurred during INPUT file input/output. (dialog 4)
5	MESSAGE	*Error: Unexpected error occurred during OUTPUT file input/output. (dialog 5)
6	MESSAGE	*Error: Unexpected error occurred during \$STDIN input operation. (dialog 6)
7	MESSAGE	*Error: Unexpected error occurred during \$STDLIST output operation. (dialog 7)
8	MESSAGE	*Error: Unexpected error from FCONTROL intrinsic with INPUT file. (dialog 8)
9	MESSAGE	*Error: Unexpected error from execution of FGETINFO intrinsic. (dialog 9)
10	MESSAGE	*Error: File type not ASCII. (dialog 10)
11	MESSAGE	*Error: Invalid file record size. (dialog 11)
12	MESSAGE	*Error: Unexpected error from execution of PRINTOPREPLY intrinsic. (dialog 12)
13	MESSAGE	*Error: End-of-file encountered on OUTPUT file. (dialog 13)
14	MESSAGE	*Error: End-of-file encountered on INPUT file. (dialog 14)
15	MESSAGE	*Error: End-of-file encountered on \$STDLIST. (dialog 15)
16	MESSAGE	*Error: Unexpected error from FPOINT intrinsic. (dialog 16)

#### **parserr**

15	MESSAGE	*Error: The VNAME parameter is required. (parserr 15)
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CAUSE	When you entered the NEWVOL command, you forgot to specify a name for the volume.
ACTION	Reenter the NEWVOL command and remember to specify a volume name.

### shell

1	MESSAGE	*Error: Incomplete command pending on end-of-file. (shell 1)
2	MESSAGE	*Error: Unable to process command. (shell 2)
3	MESSAGE	*Error: Invalid parameter length. (shell 3)
4	MESSAGE	*Error: Command history stack is empty. (shell 4)
5	MESSAGE	*Error: Command not found in command history stack. (shell 5)
6	MESSAGE	*Error: Invalid parameter length or composition. (shell 6)
7	MESSAGE	*Error: Unrecognized command. (shell 7)
8	MESSAGE	*Error: GET_NAME error. (shell 8)
9	MESSAGE	*Error: This command has no associated functionality. (shell 9)
10	MESSAGE	*Error: Error in accessing message catalog. (shell 10)
11	MESSAGE	*Error: Invalid numeric index into command history stack. (shell 11)
12	MESSAGE	*Error: Command name length exceeds 16 characters. (shell 12)
13	MESSAGE	*Error: Insufficient capabilities to execute this command. (shell 13)
14	MESSAGE	*Error: MiUssing required parameter not specified in command. (shell 14)
15	MESSAGE	*Error: Parameter can consist of numeric characters only. (shell 15)
16	MESSAGE	*Error: Depth of command stack can only be in the range 1 to 100. (shell 16)
17	MESSAGE	*Error: Invalid key option specified for set command. (shell 17)
18	MESSAGE	*Error: Command only valid in interactive mode. (shell 18)
19	MESSAGE	*Error: Subsys !, Info: !. (shell 19)

20	MESSAGE	*Error: Invalid command edit operation. (shell 20)
<b>volutil</b>		
53	MESSAGE	*Error: Volume already exists. (volutil 53)
	CAUSE	<b>When you entered the NEWVOL command, you specified a volume name that already exists.</b>
	ACTION	<b>Use the DSET command to examine the names and characteristics of all the volumes currently on the system. Then reenter the NEWVOL command and specify a volume name that does not exist for the current volume set.</b>
54	MESSAGE	*Error: Volume does not exist. (volutil 54)
	CAUSE	<b>When you entered the INITVOL command, you specified a volume name associated with a particular volume set, but a volume of that name does not exist.</b>
	ACTION	<b>Use the SHOWSET command to examine the names of all volumes in the current volume set. Then reenter the INITVOL command and specify a volume name that does exist in the current volume set.</b>
70	MESSAGE	*Error: Ldev is not a valid disk type for mirroring (volutil 70)
	CAUSE	<b>Mirrored disks are not the correct type (HP7937FL) for volume initialization.</b>
	ACTION	<b>Use correct disk type.</b>
71	MESSAGE	*Error: Mirrored volumes must be specified as a pair. (volutil 71)
	CAUSE	<b>Only one volume was specified in NEWMIRRSET or NEWMIRRVOL.</b>
	ACTION	<b>Specify correct number of disks.</b>
72	MESSAGE	*Error: Mirrored volumes must be unique. (volutil 72)
	CAUSE	<b>LDEV's specified a duplicate number.</b>
	ACTION	<b>Specify a unique LDEV.</b>
73	MESSAGE	*Error: Cannot add mirrored volumes to non-mirrored volume set. (volutil 73)
	CAUSE	<b>Mirrored volumes cannot be added to a non-mirrored volume set.</b>
	ACTION	<b>Specify a mirrored volume set.</b>
74	MESSAGE	*Error: Cannot add non-mirrored volumes to a

		mirrored volume set. (volutil 74)
	CAUSE	<b>Non-mirrored volumes cannot be added to a mirrored volume set.</b>
	ACTION	<b>Specify a mirrored volume.</b>
75	MESSAGE	*Error: Specified volume set is not mirrored. (volutil 75)
	CAUSE	<b>An attempt was made to perform a mirrored operation on a non-mirrored volume set.</b>
	ACTION	<b>Cause indicates appropriate action.</b>
76	MESSAGE	*Error: Specified volume does not exist on specified ldev. (volutil 76)
	CAUSE	<b>Either the wrong volume name or the wrong LDEV was specified.</b>
	ACTION	<b>Cause indicates appropriate action.</b>
77	MESSAGE	*Error: Command only valid for disabled mirrored volumes. (volutil 77)
	CAUSE	<b>REPLALCEMIRRVOL was issued for a non-disabled volume.</b>
	ACTION	<b>Cause indicates appropriate action.</b>
78	MESSAGE	*Error: Illegal replace. Mirrored partner is not available. (volutil 78)
	CAUSE	<b>REPLALCEMIRRVOL was issued but good volume was not mounted as MEMBER or MASTER.</b>
	ACTION	<b>Verify that volume used is good.</b>
79	MESSAGE	*Error: Mirrored volume must be in pending state. (volutil 79)
	CAUSE	<b>The volume specified in the SUSPENDMIRROR command was not in a pending state.</b>
	ACTION	<b>Be sure specified volume is pending before issuing command.</b>
80	MESSAGE	*Error: Command not supported for mirrored volume sets. (volutil 80)
	CAUSE	<b>The COPYSET command is not supported for mirrored volume sets.</b>
	ACTION	<b>Use a different command.</b>
83	MESSAGE	*Error: Illegal replace. MIRROR pair is already in operation. (volutil 83)
	CAUSE	<b>REPLACEMENTMIRRORVOL was issued on an already functioning mirrored pair.</b>



	ACTION	<b>CAUSE indicates appropriate action.</b>
85	MESSAGE	*Error: User volumes incomplete, cannot use as repair source. (volutil 85)
	CAUSE	<b>The JOINMIRRSET command with SOURCE=USER was specified, and one or more user volumes are missing.</b>
	ACTION	<b>CAUSE indicates appropriate action.</b>
86	MESSAGE	*Error: Backup volumes incomplete, cannot use as repair source. (volutil 86)
	CAUSE	<b>The JOINMIRRSET command with SOURCE=BACKUP was specified, and one or more backup volumes are missing.</b>
	ACTION	<b>CAUSE indicates appropriate action.</b>
87	MESSAGE	*Error: Volume set close failed during join. (volutil 87)
	CAUSE	<b>SOURCE=BACKUP was specified for the join and it failed. One of the reasons could be that users are still logged onto the destination volume set. The JOINMIRRSET command with SOURCE=BACKUP was specified, and one or more backup volumes are missing.</b>
	ACTION	<b>Log off all users from the volume set and retry the JOINMIRRSET. If SOURCE=USER was specified and this message is seen, a split-volume backup is taking place on the backup volumes.</b>
88	MESSAGE	*Error: New volumes cannot be added to a split volume set. (volutil 88)
	CAUSE	<b>The NEWVOL command was used to attempt to add volumes to a split-volume set.</b>
	ACTION	<b>CAUSE indicates appropriate action.</b>
89	MESSAGE	*Error: Mirrored partner is already in suspend mirror state. (volutil 89)
	CAUSE	<b>A SUSPENDMIRRVOL command was issued against a volume whose partner is in the SUSPENDMIRR state.</b>
	ACTION	<b>CAUSE indicates appropriate action.</b>
122	MESSAGE	*Error: Volume mounted in invalid state for desiredoperation. (volutil 122)
	CAUSE	<b>When you entered the INITVOL command, you specified a value for the state parameter which is not valid.</b>
	ACTION	<b>CAUSE indicates appropriate action.</b>
130	MESSAGE	*Error: Error encountered while reading first file label. (volutil 130)

131           MESSAGE       \*Error: No tape label on the beginning of  
                                  tape. Cannot recover. (volutil 131)

132           MESSAGE       \*Error: Recover aborted because of tape label  
                                  error. (volutil 132)

133           MESSAGE       \*Error: Recover aborted because of tape  
                                  error. (volutil 133)

134           MESSAGE       \*Error: Recover aborted because of tape  
                                  positioning error. (volutil 134)

135           MESSAGE       \*Error: Recover aborted because of file  
                                  closing error. (volutil 135)

136           MESSAGE       \*Error: Recover aborted by user. (volutil  
                                  136)

137           MESSAGE       \*Error: Recover aborted because of incorrect  
                                  capability. (volutil 137)

              MESSAGE       \*Error: Destination volume on ldev ! not  
                                  mounted in valid state.

              MESSAGE       \*Error: Invalid response. Please answer with  
                                  a `Y', `YES', `N', or `NO'.

              MESSAGE       \*Error: Source volume on ldev ! not a member  
                                  of set being copied.

              MESSAGE       \*FATAL ERROR: OUTER-MOST RECOVER BLOCK  
                                  INVOKED. PROGRAM WILL TERMINATE.

              MESSAGE       Subsys !, Info: !.

### DISCUTIL Messages

MESSAGE       CONFIGURATION INFO FOR LDEV NN CORRECTED

MESSAGE       CONFIGURATION INFO FOR LDEV NN NOT CORRECTED

MESSAGE       DISCUTIL HAS ENCOUNTERED A TAPE ERROR: REWINDING TAPE

MESSAGE       END OF TAPE #NN; PLEASE WAIT

MESSAGE       ENTER "HELP" FOR A LIST OF VALID COMMANDS

MESSAGE       ERROR - CONFIGURATION INFO FOR LDEV NN IS NOT VALID

MESSAGE       ERROR - ENCOUNTERED A MISSING VOLUME; UNABLE TO CONTINUE  
                  SAVING FILE

MESSAGE       ERROR - FOUND UNEXPECTED VOLUME ON LDEV NN; UNABLE TO  
                  CONTINUE SAVING FILE

MESSAGE       ERROR - LABEL TABLE CORRUPTED ON LDEV NN; UNABLE TO  
                  CONTINUE ON THIS LDEV

MESSAGE       ERROR - LABEL TABLE OFFSET MISMATCH IN EXTENT BLOCK ENTRY

MESSAGE ERROR - OFFSET MISMATCH IN FILE LABEL; SKIPPING TO NEXT LABEL

MESSAGE ERROR - UNABLE TO COMPLETE DISK READ ON LDEV NN

MESSAGE ERROR - UNABLE TO COMPLETE TAPE EOF WRITE ON LDEV NN

MESSAGE ERROR - UNABLE TO COMPLETE TAPE WRITE ON LDEV NN

MESSAGE ERROR - UNABLE TO CONVERT LDEV TO PHYSICAL PATH

MESSAGE ERROR - UNABLE TO OBTAIN DEVICE STATUS FROM LDEV NN

MESSAGE ERROR - UNABLE TO READ THE HPE VOLUME LABEL ON LDEV NN

MESSAGE ERROR - UNABLE TO READ THE LABEL TABLE ON LDEV NN; UNABLE TO SAVE FILE

MESSAGE ERROR - UNABLE TO READ THE LABEL TABLE ON LDEV NN

MESSAGE ERROR - UNABLE TO READ THE LABEL TABLE; SKIPPING TO NEXT LABEL

MESSAGE ERROR - UNABLE TO REWIND TAPE ON LDEV NN

MESSAGE ERROR - UNABLE TO SET TAPE DENSITY ON LDEV NN

MESSAGE LAST FILE ON PREVIOUS TAPE WILL BE RESAVED

MESSAGE MOUNT TAPE #NN

MESSAGE PRESS RETURN WHEN THE TAPE IS READY

MESSAGE SAVE FOR LDEV NN HAS BEEN ABORTED

MESSAGE SAVE WILL RESTART WITH TAPE NN; MOUNT A TAPE

MESSAGE TAPE DENSITY SET TO DDDD ON LDEV NN

MESSAGE THE TAPE ON LDEV NN IS READY

MESSAGE WARNING - LDEV NN IS A TAPE DRIVE

MESSAGE WARNING - LDEV NN IS A TERMINAL

MESSAGE WARNING - LDEV NN IS NOT A VALID DISK LDEV

MESSAGE WARNING - LDEV NN IS NOT CONFIGURED

MESSAGE WARNING - "XXXX" IS NOT A VALID DISCUTIL COMMAND

MESSAGE WARNING - "XXXX" IS NOT A VALID DISCUTIL COMMAND; LDEV NN IS A PRINTER

MESSAGE WARNING - LDEV NN IS NOT VALID

MESSAGE WARNING - NO LDEVS HAVE BEEN SELECTED FOR SAVING

MESSAGE WARNING - THE FILE SET ENTERED IS NOT VALID

MESSAGE WARNING - THE MODIFICATION DATE ENTERED IS NOT VALID

MESSAGE WARNING - THE TAPE DRIVE DOOR ON LDEV NN IS OPEN

MESSAGE WARNING - THE TAPE DRIVE ON LDEV NN IS OFFLINE

MESSAGE           WARNING - THE TAPE ON LDEV NN DOES NOT HAVE A WRITE ENABLE  
RING

MESSAGE           WARNING - THE TAPE ON LDEV NN IS NOT AT BOT

MESSAGE           WARNING - THE VOLUME SET NAME ENTERED IS NOT VALID

# **8 System Startup, Shutdown, and Configuration**

This section lists the system messages and error codes received during system reset, startup, and shutdown. For additional error codes, such as those generated from network services or network manager, see the appropriate manual.

## Reading the Message and Code Display

Three types of messages (informational/run time, error, and warning) may occur during the reset, startup, or shutdown process.

- Informational messages indicate which component the self-test is testing at any given time.
- Error messages indicate a hardware failure or operating system error. Class errors are grouped into 14 classes (1-CE). They are hexadecimal messages that appear on the front panel LED display and access port status line. All other errors are considered non-class, and can appear on the panel or on the system console itself.

If a class error is encountered (see Table 8-1. on page 270 for the types of classes), the self-test halts and error messages are displayed.

- Warning messages identify noncritical failures that do not prevent the system from booting or halt the self-test.

Information messages, error codes, and warnings are displayed (in hexadecimal) on the front panel LEDs, the access port status line during bootup, and the system console. English language messages can also appear in addition to or in place of a hexadecimal message at the console.

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**NOTE** Some console messages are also logged to the system log file.

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## Interpreting Class Errors

Fifteen classes of codes comprise the informational, error, and warning messages. The class number is the leftmost hexadecimal value for the singular display and for the second multiplexed (alternating) display. Table 8-1. on page 270 lists the class error number, its hexadecimal code, and the cause of the error. To determine an error's class, check its numeric code in the table. Then locate the subsection in this chapter which addresses that class.

**Table 8-1. Class Error Descriptions**

Err.	Code	Description
1	11xx	Faulty register file.
1	14xx	Execution unit failure.
1	15xx	Instruction unit failure.
2	26xx	Translation look-aside buffer (TLB) failure.
2	27xx	Cache failure.
3	30xx	Faulty system monitor card.
4	42xx	Faulty assist processor.

**Table 8-1. Class Error Descriptions**

Err.	Code	Description
5	5sxx	Bus protocol error.
6		Reserved.
7	7sxx	Faulty memory.
8	8sxx	Faulty I/O card.
9	01xx and 9xxx	Console test error.
A	01xx and Axxx	Boot device error.
B	Bxxx	Operating system software error.
C		Initialization messages.
CA	CAxx	Power fail.
CB	CBxx	Transfer of control.
CE	CExx	ISL messages and error codes.

Categories of "nonclass" errors appear on the following page.

### Interpreting "Nonclass" Errors

Besides class errors, the system console also displays the following types of errors:

- Run-time codes
  - DCC error
  - High priority machine check (HPMC) detailed errors (XXF0-XXFF)
  - Log file errors
  - SYSGEN messages (I/O, MISC, LOG, SYSFILE)
  - Outerblock messages
  - SERVE messages
  - Other messages
  - Scanner messages
  - Boot tape messages
  - LANGINST messages
- \* Multiprocessor errors

These error messages appear after the class errors in this chapter, in the same order shown in the list above. If unlisted errors occur, call your Hewlett-Packard support representative.

## Class Errors

### Class Error 1

#### Class Error 1

Class error 1 is composed of three types of processor failures: register file, execution unit, and instruction unit.

#### Register File Failure

Register file messages take the form:

11xx

where:

xx = detailed error number

00	MESSAGE	No message. System halts. (E)
	CAUSE	Undefined error occurs at the start of the test.
	ACTION	Contact your Hewlett-Packard Support Representative.
01	MESSAGE	No message. System halts. (E)
	CAUSE	Test of the general registers 1, 2, and 31 fails. Second possible cause of the error may be the execution unit. Third possible cause of the error also may be the instruction unit.
	ACTION	Contact your Hewlett-Packard Support Representative.
02	MESSAGE	No message. System halts. (E)
	CAUSE	Test of the general registers fails. Second possible cause of the error may be the execution unit. Third possible cause of the error also may be the instruction unit.
	ACTION	Contact your Hewlett-Packard Support Representative.
03	MESSAGE	No message. System halts. (E)
	CAUSE	Test of the recovery counter or external interrupt enable mask fails. Second possible cause of the error may be the execution unit. Third possible cause of the error also may be the instruction unit.
	ACTION	Contact your Hewlett-Packard Support Representative.
04	MESSAGE	No message. System halts. (E)
	CAUSE	Test of the temporary control registers fails. Second possible cause of the error may be the execution unit. Third possible cause of the error also may be the instruction unit.



	ACTION	Contact your Hewlett-Packard Support Representative.
07	MESSAGE	No message. System halts. (E)
	CAUSE	Cross-talk occurs between general registers.
	ACTION	Contact your Hewlett-Packard Support Representative.
08	MESSAGE	No message. System halts. (E)
	CAUSE	Crosstalk occurs among general registers and temporary registers.
	ACTION	Contact your Hewlett-Packard Support Representative.
0A	MESSAGE	No message. System halts. (E)
	CAUSE	X and B bus bypass testing.
	ACTION	Contact your Hewlett-Packard Support Representative.
0B	MESSAGE	No message. System halts. (E)
	CAUSE	General register 0 bypassed.
	ACTION	Contact your Hewlett-Packard Support Representative.
0C	MESSAGE	No message. System halts. (E)
	CAUSE	General register 0 bypassed on a nullify.
	ACTION	Contact your Hewlett-Packard Support Representative.
0D	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the trap with interval timer fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
10	MESSAGE	No message. System halts. (E)
	CAUSE	Interval timer is not incrementing. Second possible cause of the error may be the execution unit. Third possible cause of the error also may be the instruction unit.
	ACTION	Contact your Hewlett-Packard Support Representative.
11	MESSAGE	No message. System halts. (E)
	CAUSE	Interval timer is not causing a trap. Second possible cause of the error may be the instruction unit. Third possible cause of the error also may be the translation look-aside buffer.
	ACTION	Contact your Hewlett-Packard Support Representative.
12	MESSAGE	No message. System halts. (E)
	CAUSE	Recovery counter is not causing a trap. Second possible cause of the error may be the instruction unit. Third possible cause of the error also may be the translation look-aside buffer.

## Class Errors

	ACTION	Contact your Hewlett-Packard Support Representative.
15	MESSAGE	No message. System halts. (E)
	CAUSE	Load to general register 0 modifies that register.
	ACTION	Contact your Hewlett-Packard Support Representative.
16	MESSAGE	No message. System halts. (E)
	CAUSE	Nullified instruction stored to register file
	ACTION	Contact your Hewlett-Packard Support Representative.
17	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the address calculation for load word and modification (LDWM) fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
18	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the address calculation for load word indexed and modification (LDWX,M) fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
19	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the address calculation for load byte indexed and modification (LDBX,U,M) fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
1A	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the address calculation for load half word indexed and modification (LDHX,U,M) fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
1B	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the address calculation for load halfword indexed and modification (LDWX,U,M) fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
20	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the operation of the register file interlock fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
21	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the address calculation for load word and modification after (LDW,MA) fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
22	MESSAGE	No message. System halts. (E)

	CAUSE	Verification of the address calculation for load word and modification before (LDW,MB) fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
23	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the move to control register (MTCTL) after load word (LDW) operation fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
2A	MESSAGE	No message. System halts. (E)
	CAUSE	Nullified instruction after data trap stored to register file.
	ACTION	Contact your Hewlett-Packard Support Representative.
2B	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the address calculation of the load and modification that caused the data trap fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
2C	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the ripple through recovery counter fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
2D	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot force overflow trap.
	ACTION	Contact your Hewlett-Packard Support Representative.
2E	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the backup on recovery counter fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
2F	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the late nullify on recovery counter fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
31	MESSAGE	No message. System halts. (E)
	CAUSE	Unexpected recovery counter trap occurs. Second possible cause of the error may be the instruction unit. Third possible cause of the error also may be the translation look-aside buffer.
	ACTION	Contact your Hewlett-Packard Support Representative.
32	MESSAGE	No message. System halts. (E)
	CAUSE	Unexpected external interrupt trap occurs. Second possible cause of the error may be the instruction unit. Third possible cause of the error also may be the

		<b>translation look-aside buffer.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
40	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Test of the external interrupt request register with zero fails.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
41	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Verification of the value of general register 1 after ADDIL instruction fails.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
42	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Verification of the calculation of the return address with branch and link instruction fails.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
43	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Register file does not zero unused portion of the target register for LDH instruction.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
44	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Register file does not zero unused portion of the target register for LDB instruction.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
45	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Cannot distinguish between banks of the general registers.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
46	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Verification of the recovery counter operation fails. Counter cannot count up.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
47	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Verification of the recovery counter operation with nullify instruction fails.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
48	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Verification of the recovery counter operation with late</b>

		<b>nullify instruction fails.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
49	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Verification of the recovery counter operation with late nullify instruction caused by data trap fails.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
4A	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Verification of the recovery counter trap fails.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
4B	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Verification of the recovery counter trap operation immediately after data trap fails.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
4C	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Cannot verify external interrupt enable mask.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
4D	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Cannot verify external interrupt request register.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
4E	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Verification of the external interrupt operation fails.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
4F	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Cannot verify current privilege level after execution of the gateway instruction.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
50	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Verification of the timing on board fails.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
51	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Verification of the external interrupt request register with high-priority machine check fails. (EIRR bit gets set with HPMC.)</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>

## Execution Unit Failure

Execution unit messages take the form:

14xx

where:

xx = detailed error number.

00	MESSAGE	No message. System halts. (E)
	CAUSE	Undefined error occurs at the start of the test on this board.
	ACTION	Contact your Hewlett-Packard Support Representative.
01	MESSAGE	No message. System halts. (E)
	CAUSE	Test of the data path through the barrel shifter fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
02	MESSAGE	No message. System halts. (E)
	CAUSE	Shift by bit 0, 1, 2, 4, 6, 8, 16, or 31 fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
03	MESSAGE	No message. System halts. (E)
	CAUSE	Pattern test of the 3/4-bit hardware boundaries fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
04	MESSAGE	No message. System halts. (E)
	CAUSE	Preshift by 0 bit for MOVE fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
05	MESSAGE	No message. System halts. (E)
	CAUSE	Extract sign/unsigned for a bit field fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
06	MESSAGE	No message. System halts. (E)
	CAUSE	Timing critical path of instruction mix MTCTL and VEXTRS fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
07	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the shift amount register fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
0A	MESSAGE	No message. System halts. (E)
	CAUSE	Arithmetic/logical conditions fail.

	ACTION	Contact your Hewlett-Packard Support Representative.
0B	MESSAGE	No message. System halts. (E)
	CAUSE	Test of the unit conditions fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
0C	MESSAGE	No message. System halts. (E)
	CAUSE	Test of the extract/logical conditions fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
0D	MESSAGE	No message. System halts. (E)
	CAUSE	Test of the PSW C/B bit fails. Second cause of the error may be the register file.
	ACTION	Contact your Hewlett-Packard Support Representative.
10	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the shift and add conditions fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
11	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify shift one and add.
	ACTION	Contact your Hewlett-Packard Support Representative.
12	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify shift two and add.
	ACTION	Contact your Hewlett-Packard Support Representative.
13	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify shift three and add.
	ACTION	Contact your Hewlett-Packard Support Representative.
14	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the load byte short with odd index fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
15	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the operation of the PSW's C/B bits with decimal correct (DCOR) instruction fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
16	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the PSW's C/B bits with logical shift operation fails. (C/B gets updated.)
	ACTION	Contact your Hewlett-Packard Support Representative.
17	MESSAGE	No message. System halts. (E)

**Class Errors**

	CAUSE	Cannot verify operation of the logical add.
	ACTION	Contact your Hewlett-Packard Support Representative.
18	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the PSW's C/B bits with logical add operation fails. (C/B gets updated.)
	ACTION	Contact your Hewlett-Packard Support Representative.
19	MESSAGE	No message. System halts. (E)
	CAUSE	Addition of two negative numbers cause overflow trap.
	ACTION	Contact your Hewlett-Packard Support Representative.
1A	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify addition of two negative numbers.
	ACTION	Contact your Hewlett-Packard Support Representative.
20	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the overflow conditions with logical ADD instruction fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
21	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the overflow conditions with EXTRU logical instruction fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
22	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the extract signed instruction operation fails.
	ACTION	Contact your Hewlett-Packard Support Representative.

**Instruction Unit Failure**

Instruction unit messages take the form:

15xx

where:

xx = detailed error number.

00	MESSAGE	No message. System halts. (E)
	CAUSE	Undefined error occurs at the start of the test of this board.
	ACTION	Contact your Hewlett-Packard Support Representative.
01	MESSAGE	No message. System halts. (E)
	CAUSE	Condition branch test fails. Second possible cause of the



		<b>error is the execution unit. Third possible cause also may be the register file unit.</b>
	ACTION	Contact your Hewlett-Packard Support Representative.
02	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Condition add with no overflow fails. Second possible cause of the error is the execution unit Third possible cause also may be the register file unit.</b>
	ACTION	Contact your Hewlett-Packard Support Representative.
03	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Odd condition fails. Second possible cause of the error is the execution unit. Third possible cause also may be the register file unit.</b>
	ACTION	Contact your Hewlett-Packard Support Representative.
04	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Test of the unit true condition fails. Second possible cause of the error is the execution unit. Third possible cause also may be the register file unit.</b>
	ACTION	Contact your Hewlett-Packard Support Representative.
05	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Test of the ext/dep true condition fails. Second possible cause of the error is the execution unit. Third possible cause also may be the register file unit.</b>
	ACTION	Contact your Hewlett-Packard Support Representative.
08	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Branch and link instruction cannot calculate the return address. Second possible cause of the error is the execution unit. Third possible cause also may be the register file unit.</b>
	ACTION	Contact your Hewlett-Packard Support Representative.
09	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Branch and vector instruction cannot return to the given address. Second possible cause of the error is the execution unit. Third possible cause also may be the register file unit.</b>
	ACTION	Contact your Hewlett-Packard Support Representative.
0A	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Verification of the system mask portion of the PSW fails. Second possible cause of the error is the execution unit Third possible cause also may be the register file unit.</b>

## Class Errors

	ACTION	Contact your Hewlett-Packard Support Representative.
0B	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the coprocessor fails. Second possible cause of the error is the execution unit.
	ACTION	Contact your Hewlett-Packard Support Representative.
0C	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the interrupt vector address or PC offset queue fails. Second possible cause of the error is the execution unit.
	ACTION	Contact your Hewlett-Packard Support Representative.
0D	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the interrupt processor status word fails. Second possible cause of the error is the execution unit.
	ACTION	Contact your Hewlett-Packard Support Representative.
0E	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the PC offset queue operation fails. (Cannot verify the functionality of the PSW Q bit.) Second possible cause of the error is the translation look-aside buffer.
	ACTION	Contact your Hewlett-Packard Support Representative.
0F	MESSAGE	No message. System halts. (E)
	CAUSE	Instruction unit cannot force trap. Second possible cause of the error is the register file unit.
	ACTION	Contact your Hewlett-Packard Support Representative.
16	MESSAGE	No message. System halts. (E)
	CAUSE	PC offset queue does not hold the correct address after trap.
	ACTION	Contact your Hewlett-Packard Support Representative.
17	MESSAGE	No message. System halts. (E)
	CAUSE	IPSW does not receive the value of the PSW after trap.
	ACTION	Contact your Hewlett-Packard Support Representative.
18	MESSAGE	No message. System halts. (E)
	CAUSE	Interrupt instruction register does not receive the value of the instruction that causes a trap.
	ACTION	Contact your Hewlett-Packard Support Representative.
19	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the forced break instruction trap fails.

	ACTION	Contact your Hewlett-Packard Support Representative.
20	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the forced illegal instruction trap fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
21	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the forced overflow trap fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
22	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the forced conditional trap fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
23	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify the functionality of the PSW's T bit during a verification of the forced branch taken trap.
	ACTION	Contact your Hewlett-Packard Support Representative.
24	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify the functionality of the PSW's B bit.
	ACTION	Contact your Hewlett-Packard Support Representative.
25	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot enable a high-priority machine check with PSW's M bit.
	ACTION	Contact your Hewlett-Packard Support Representative.
26	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot disable the high-priority machine check with PSW's M bit.
	ACTION	Contact your Hewlett-Packard Support Representative.
27	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify the change of privilege with branch external (BE) instruction.
	ACTION	Contact your Hewlett-Packard Support Representative.
28	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify the change of privilege with branch and link external (BLE) instruction.
	ACTION	Contact your Hewlett-Packard Support Representative.
29	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify the change of privilege with branch vector (BV) instruction.

## Class Errors

	ACTION	Contact your Hewlett-Packard Support Representative.
2A	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify the functionality of the privilege register trap.
	ACTION	Contact your Hewlett-Packard Support Representative.
2B	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify the functionality of the privilege operation trap.
	ACTION	Contact your Hewlett-Packard Support Representative.
2C	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify the functionality of the lower privilege transfer trap.
	ACTION	Contact your Hewlett-Packard Support Representative.
2D	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify the functionality of the higher privilege transfer trap.
	ACTION	Contact your Hewlett-Packard Support Representative.
31	MESSAGE	No message. System halts. (E)
	CAUSE	Unexpected high-priority machine check trap occurs. Second possible cause of the error is the register file. Third possible cause of the error is the translation look-aside buffer (TLB).
	ACTION	Contact your Hewlett-Packard Support Representative.
32	MESSAGE	No message. System halts. (E)
	CAUSE	Unexpected low parity machine check trap occurs. Second possible cause of the error is the register file. Third possible cause of the error is the TLB.
	ACTION	Contact your Hewlett-Packard Support Representative.
33	MESSAGE	No message. System halts. (E)
	CAUSE	Unexpected illegal instruction trap occurs. Second possible cause of the error is the register file. Third possible cause of the error is the TLB.
	ACTION	Contact your Hewlett-Packard Support Representative.
34	MESSAGE	No message. System halts. (E)
	CAUSE	Unexpected break instruction trap occurs. Second possible cause of the error is the register file. Third possible cause of the error is the TLB.
	ACTION	Contact your Hewlett-Packard Support Representative.

35	MESSAGE	No message. System halts. (E)
	CAUSE	Unexpected privileged operation trap occurs. Second possible cause of the error is the register file. Third possible cause of the error is the TLB.
	ACTION	Contact your Hewlett-Packard Support Representative.
36	MESSAGE	No message. System halts. (E)
	CAUSE	Unexpected privileged register trap occurs. Second possible cause of the error is the register file. Third possible cause of the error is the TLB.
	ACTION	Contact your Hewlett-Packard Support Representative.
37	MESSAGE	No message. System halts. (E)
	CAUSE	Unexpected overflow trap occurs. Second possible cause of the error is the register file. Third possible cause of the error is the TLB.
	ACTION	Contact your Hewlett-Packard Support Representative.
38	MESSAGE	No message. System halts. (E)
	CAUSE	Unexpected condition trap occurs. Second possible cause of the error is the register file. Third possible cause of the error is the TLB.
	ACTION	Contact your Hewlett-Packard Support Representative.
39	MESSAGE	No message. System halts. (E)
	CAUSE	Unexpected assist emulation trap occurs. Second possible cause of the error is the register file. Third possible cause of the error is the TLB.
	ACTION	Contact your Hewlett-Packard Support Representative.
3A	MESSAGE	No message. System halts. (E)
	CAUSE	Unexpected privilege transfer trap occurs. Second possible cause of the error is the register file. Third possible cause of the error is the TLB.
	ACTION	Contact your Hewlett-Packard Support Representative.
3B	MESSAGE	No message. System halts. (E)
	CAUSE	Unexpected low-privilege transfer trap occurs. Second possible cause of the error is the register file. Third possible cause of the error is the TLB.
	ACTION	Contact your Hewlett-Packard Support Representative.
3C	MESSAGE	No message. System halts. (E)
	CAUSE	Unexpected taken branch trap occurs. Second possible cause of the error is the register file. Third possible cause of the error is the TLB.

## Class Errors

	ACTION	Contact your Hewlett-Packard Support Representative.
3D	MESSAGE	No message. System halts. (E)
	CAUSE	Unimplemented trap occurs. Second possible cause of the error is the register file. Third possible cause of the error is the TLB.
	ACTION	Contact your Hewlett-Packard Support Representative.
40	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the transfer of control/soft reset fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
41	MESSAGE	No message. System halts. (E)
	CAUSE	Unexpected high-priority machine check is found during forced TOC/soft reset.
	ACTION	Contact your Hewlett-Packard Support Representative.
42	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify PCQ front after RFI with Q bit off.
	ACTION	Contact your Hewlett-Packard Support Representative.
43	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify Assist Emulation trap, or cannot verify bit zero of CCR.
	ACTION	Contact your Hewlett-Packard Support Representative.
44	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify coprocessor configuration register by forcing assist emulation trap.
	ACTION	Contact your Hewlett-Packard Support Representative.
45	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify overflow trap with ADDIO instruction.
	ACTION	Contact your Hewlett-Packard Support Representative.
46	MESSAGE	No message. System halts. (E)
	CAUSE	Unexpected overflow trap occurs.
	ACTION	Contact your Hewlett-Packard Support Representative.
47	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify index other than zero with BLR instruction.
	ACTION	Contact your Hewlett-Packard Support Representative.
48	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify index other than zero with BV instruction.

	ACTION	Contact your Hewlett-Packard Support Representative.
49	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify system mask (of PSW) with MTSM instruction.
	ACTION	Contact your Hewlett-Packard Support Representative.
4E	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify functionality of PSW's N bit. N bit is not set for nullified instruction when taken branch trap is taken.
	ACTION	Contact your Hewlett-Packard Support Representative.
4F	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify functionality of PSW's N bit. When N bit is set RFI target is not nullified.
	ACTION	Contact your Hewlett-Packard Support Representative.
51	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify functionality of PSW's X bit. (Cannot prevent data memory break trap by setting X bit.)
	ACTION	Contact your Hewlett-Packard Support Representative.
52	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of PSW's V bit fails. (Cannot verify the remainder of the divide step.)
	ACTION	Contact your Hewlett-Packard Support Representative.
53	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of PSW's C bit fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
54	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of IPSW in virtual mode fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
55	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of PCQ in high virtual address fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
56	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of small displacement in high virtual address fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
57	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of PSW when HPMC is forced by TLB parity

**Class Errors**

		<b>error fails.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
58	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Cannot force HPMC in virtual mode.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
59	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Verification of IPSW in virtual mode fails.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>



## Class Error 2

Class error 2 is composed of translation look-aside buffer (TLB) and cache failures. These two types of errors are coded 23xx and 27xx.

### Translation Look-Aside Buffer (TLB) Failure

translation look-aside buffer messages take the form:

26xx

where:

xx = detailed error number.

00	MESSAGE	No message. System halts. (E)
	CAUSE	Undefined error occurred at the start of the test of this board.
	ACTION	Contact your Hewlett-Packard Support Representative.
01	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the read and write operation on the space registers through space ID fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
02	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the read and write operation on the space registers through MTSP fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
04	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the read or write access to a page with proper protection and access right fails. Second possible cause of the error is the cache unit.
	ACTION	Contact your Hewlett-Packard Support Representative.
05	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the write disable bit operation fails. Second possible cause of the error is the cache unit.
	ACTION	Contact your Hewlett-Packard Support Representative.
06	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the public access operation fails. Second possible cause of the error is the cache unit.
	ACTION	Contact your Hewlett-Packard Support Representative.
07	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the PSW P Bit operation fails. Second

		<b>possible cause of the error is the cache unit. Third possible cause of the error is the instruction unit.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
08	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Verification of the data TLB MISS trap operation fails. Second possible cause of the error is the instruction unit.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
09	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Verification of the non-access data TLB MISS trap operation fails. Second possible cause of the error is the instruction unit.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
0A	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Verification of the debug trap operation fails. Second possible cause of the error is the instruction unit.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
0B	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Verification of the dirty bit trap operation fails. Second possible cause of the error is the instruction unit.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
0C	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Verification of the virtual I/O trap operation fails. Second possible cause of the error is the instruction unit.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
0D	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Verification of the physical page number RAMs fails.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
10	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Lower privilege trap does not occur. Second possible cause of the error is the instruction unit.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
11	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Verification of the data path through PIDs fails.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
12	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Verification of the data path through PCSQ fails.</b>

	ACTION	Contact your Hewlett-Packard Support Representative.
13	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the I bit functionality fails. Second possible cause of the error is the cache unit.
	ACTION	Contact your Hewlett-Packard Support Representative.
14	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the physical address generation or the physical page number RAM fails. Second possible cause of the error is the cache unit.
	ACTION	Contact your Hewlett-Packard Support Representative.
15	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the read and write with virtual address operation fails. Second possible cause of the error is the cache unit.
	ACTION	Contact your Hewlett-Packard Support Representative.
16	MESSAGE	No message. System halts. (E)
	CAUSE	Gateway instruction does not promote privilege to zero in a real mode. Second possible cause is the instruction unit. Third possible cause is the register file.
	ACTION	Contact your Hewlett-Packard Support Representative.
18	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the privilege level generation with gateway instruction for page types 2 or 3 fails. Second possible cause is the instruction unit. Third possible cause is the register file.
	ACTION	Contact your Hewlett-Packard Support Representative.
19	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the privilege level generation with gateway instruction for page types 4, 5, 6, or 7 fails. Second possible cause is the instruction unit. Third possible cause is the register file.
	ACTION	Contact your Hewlett-Packard Support Representative.
1A	MESSAGE	No message. System halts. (E)
	CAUSE	Gateway instruction does not promote privilege to zero in a virtual mode. Second possible cause is the instruction unit. Third possible cause is the register file.
	ACTION	Contact your Hewlett-Packard Support Representative.
1B	MESSAGE	No message. System halts. (E)

## Class Errors

	CAUSE	Verification of the execution of the gateway instruction in delay slot of the branch fails. (No trap is generated.) Second possible cause is the instruction unit.
	ACTION	Contact your Hewlett-Packard Support Representative.
1C	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the generation of a data memory protection trap fails. Second possible cause is the instruction unit.
	ACTION	Contact your Hewlett-Packard Support Representative.
1D	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the generation of an instruction memory protection trap fails. Second possible cause is the instruction unit.
	ACTION	Contact your Hewlett-Packard Support Representative.
20	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the ISR operation fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
21	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the IOR operation fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
22	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the parity generator and parity checking on the data TLB physical page number RAM fails. Second possible cause is the instruction unit.
	ACTION	Contact your Hewlett-Packard Support Representative.
23	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the parity generator and parity checking on the instruction TLB physical page number RAM fails. Second possible cause is the instruction unit.
	ACTION	Contact your Hewlett-Packard Support Representative.
26	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the memory protection trap with byte access fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
27	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the memory protection trap with half word access fails.
	ACTION	Contact your Hewlett-Packard Support Representative.

28	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the memory protection trap with word access fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
29	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the instruction TLB MISS fault fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
2A	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot force data TLB MISS fault.
	ACTION	Contact your Hewlett-Packard Support Representative.
2B	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify protection ID, access ID.
	ACTION	Contact your Hewlett-Packard Support Representative.
2C	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify public pages.
	ACTION	Contact your Hewlett-Packard Support Representative.
2D	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot distinguish between instruction CA and data CA with the diagnostic register.
	ACTION	Contact your Hewlett-Packard Support Representative.
2E	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the two cycle opcode instruction fails. Cannot verify TLB FREZ.
	ACTION	Contact your Hewlett-Packard Support Representative.
31	MESSAGE	No message. System halts. (E)
	CAUSE	Unexpected instruction TLB MISS fault occurs. Second possible cause of the error is the instruction unit.
	ACTION	Contact your Hewlett-Packard Support Representative.
32	MESSAGE	No message. System halts. (E)
	CAUSE	Unexpected instruction memory protection trap occurs. Second possible cause of the error is the instruction unit.
	ACTION	Contact your Hewlett-Packard Support Representative.
33	MESSAGE	No message. System halts. (E)
	CAUSE	Unexpected TLB MISS trap occurs. Second possible cause of the error is the instruction unit.
	ACTION	contact your Hewlett-Packard Support Representative.

**Class Errors**

34	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Unexpected nonaccess instruction TLB MISS trap occurs. Second possible cause of the error is the instruction unit.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
35	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Unexpected nonaccess instruction TLB MISS trap occurs. Second possible cause of the error is the instruction unit</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
36	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Unexpected data memory protection trap occurs. Second possible cause of the error is the instruction unit.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
37	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Unexpected data memory break trap occurs. Second possible cause of the error is the instruction unit.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
38	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Unexpected TLB dirty bit fault occurs. Second possible cause of the error is the instruction unit.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
39	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Unexpected virtual device reference trap occurs. Second possible cause of the error is the instruction unit.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
40	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Cannot verify the TLB indexing through its RAM.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>

**Cache Failure**

cache messages take the form:

27xx

where:

xx = detailed error number.

00	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Undefined error has occurred at the start of the test of this board.</b>

	ACTION	Contact your Hewlett-Packard Support Representative.
01	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the read/write protocol in the first and last set of data cache RAM fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
03	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the read or write address test operation on data cache fails. Second possible cause of the error is memory. Third possible cause of the error is the TLB.
	ACTION	Contact your Hewlett-Packard Support Representative.
04	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the read or write (data path test operation) on the data cache fails. Second possible cause of the error is memory.
	ACTION	Contact your Hewlett-Packard Support Representative.
05	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the half word or byte operation on the data cache fails. Second possible cause of the error is the register file unit. Third possible cause of the error is memory.
	ACTION	Contact your Hewlett-Packard Support Representative.
06	MESSAGE	No message. System halts. (E)
	CAUSE	data cache cannot set enable interrupt request register (EIRR) bits. Second possible cause of the error is the register file unit.
	ACTION	Contact your Hewlett-Packard Support Representative.
07	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the data cache dirty bit, miss or flush operation fails. Second possible cause of the error is the register file unit. Third possible cause of the error is memory.
	ACTION	Contact your Hewlett-Packard Support Representative.
08	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the data cache load word operation with clean MISS fails. Second possible cause of the error is memory.
	ACTION	Contact your Hewlett-Packard Support Representative.
0A	MESSAGE	No message. System halts. (E)

## Class Errors

	CAUSE	Verification of the parity error generator on byte zero fails. Second possible cause of the error is memory.
	ACTION	Contact your Hewlett-Packard Support Representative.
0B	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the parity error generator on byte one fails. Second possible cause of the error is memory.
	ACTION	Contact your Hewlett-Packard Support Representative.
0C	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the parity error generator on byte two fails. Second possible cause of the error is memory.
	ACTION	Contact your Hewlett-Packard Support Representative.
0D	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the parity error generator on byte three fails. Second possible cause of the error is memory.
	ACTION	Contact your Hewlett-Packard Support Representative.
0F	MESSAGE	No message. System halts. (E)
	CAUSE	cache diagnostic register bit is stuck.
	ACTION	Remove floating-point board, then reboot the system. Contact your Hewlett-Packard Support Representative.
10	MESSAGE	No message. System halts. (E)
	CAUSE	Failure while verifying data path on the instruction cache. Second possible cause of error is the execution unit..
	ACTION	Contact your Hewlett-Packard Support Representative.
15	MESSAGE	No message. System halts. (E)
	CAUSE	Size of I_CA and D_CA do not match (check revision of execution unit.) Second possible cause of the error is the execution unit.
	ACTION	Contact your Hewlett-Packard Support Representative.
16	MESSAGE	No message. System halts. (E)
	CAUSE	Cache line gets updated on data TLB MISS fault.
	ACTION	Contact your Hewlett-Packard Support Representative.
17	MESSAGE	No message. System halts. (E)
	CAUSE	Memory line gets updated on data TLB MISS fault.
	ACTION	Contact your Hewlett-Packard Support Representative.
18	MESSAGE	No message. System halts. (E)
	CAUSE	Failure while verifying byte transaction with data cache



		<b>MISS.</b>
	<b>ACTION</b>	<b>Contact your Hewlett-Packard Support Representative.</b>
19	<b>MESSAGE</b>	No message. System halts. (E)
	<b>CAUSE</b>	<b>Failure while verifying half word transaction with data cache MISS.</b>
	<b>ACTION</b>	<b>Contact your Hewlett-Packard Support Representative.</b>
1A	<b>MESSAGE</b>	No message. System halts. (E)
	<b>CAUSE</b>	<b>Failure while verifying parity checking/generator with EIRR/CMD.</b>
	<b>ACTION</b>	<b>Contact your Hewlett-Packard Support Representative.</b>
1B	<b>MESSAGE</b>	No message. System halts. (E)
	<b>CAUSE</b>	<b>cache line gets updated on TLB data trap.</b>
	<b>ACTION</b>	<b>Contact your Hewlett-Packard Support Representative.</b>
1C	<b>MESSAGE</b>	No message. System halts. (E)
	<b>CAUSE</b>	<b>memory gets updated on TLB data trap.</b>
	<b>ACTION</b>	<b>Contact your Hewlett-Packard Support Representative.</b>
20	<b>MESSAGE</b>	No message. System halts. (E)
	<b>CAUSE</b>	<b>Failure while verifying cache tag parity error.</b>
	<b>ACTION</b>	<b>Contact your Hewlett-Packard Support Representative.</b>
21	<b>MESSAGE</b>	No message. System halts. (E)
	<b>CAUSE</b>	<b>Failure while verifying EIRR/CMD with its address.</b>
	<b>ACTION</b>	<b>Contact your Hewlett-Packard Support Representative.</b>
22	<b>MESSAGE</b>	No message. System halts. (E)
	<b>CAUSE</b>	<b>Failure while verifying soft reset with its address.</b>
	<b>ACTION</b>	<b>Contact your Hewlett-Packard Support Representative.</b>
23	<b>MESSAGE</b>	No message. System halts. (E)
	<b>CAUSE</b>	<b>Failure while verifying operation of LDCWS instruction.</b>
	<b>ACTION</b>	<b>Contact your Hewlett-Packard Support Representative.</b>
24	<b>MESSAGE</b>	No message. System halts. (E)
	<b>CAUSE</b>	<b>Failure while verifying semaphore in load word and clear.</b>
	<b>ACTION</b>	<b>Contact your Hewlett-Packard Support Representative.</b>
25	<b>MESSAGE</b>	No message. System halts. (E)
	<b>CAUSE</b>	<b>Failure while verifying operation of cache MISS.</b>
	<b>ACTION</b>	<b>Contact your Hewlett-Packard Support Representative.</b>

**Class Errors**

26	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Failure while verifying operation of cache FREZ.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
C7	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Macrocode detects possible failure of RAM7 U1301.</b>
	ACTION	<b>Remove Floating-Point board then reboot the system. Contact your Hewlett-Packard Support Representative.</b>
CA	MESSAGE	No message. System halts. (E)
	CAUSE	<b>An error occurs during a series of arbitrary microcode calculations. Areas of possible cause are the mapper PROM or the math chips.</b>
	ACTION	<b>Remove floating-point board then reboot the system. Contact your Hewlett-Packard Support Representative.</b>
CC	MESSAGE	No message. System halts. (E)
	CAUSE	<b>An error occurs which slows the execution of the floating-point unit.</b>
	ACTION	<b>Remove floating-point board, then reboot the system. Contact your Hewlett-Packard Support Representative.</b>

### **Class Error 3: System Monitor Card Failure**

System monitor card messages take the form:

30xx

where:

xx = detailed error number.

00	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Undefined error occurs at the start of the test of this board.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
01	MESSAGE	No message. System halts. (E)
	CAUSE	<b>data error occurs while verifying byte 10c (hex) of nonvolatile memory (NVM).</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
02	MESSAGE	No message. System halts. (E)
	CAUSE	<b>General register 0 is not zero at transfer of control (TOC).</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
03	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Invalid return address received for TOC. Second possible cause of the error is memory.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
07	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Cannot verify processor dependent code (PDC) PROM. No PDC PROM installed.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
08	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Cannot find second part of self-test in PDC PROM. PDC PROM not installed.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
09	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Cannot find PDC code in PDC PROM.</b>
	ACTION	<b>check PDC PROM. Contact your Hewlett-Packard Support Representative.</b>
0A	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Cannot initialize memory with switch 3 open.</b>

**Class Errors**

	ACTION	Try booting with switch 3 in normal position. Contact your Hewlett-Packard Support Representative.
0B	MESSAGE	No message. System halts. (E)
	CAUSE	General register 0 is not found to be zero at TOC or HPMC save state routine.
	ACTION	Contact your Hewlett-Packard Support Representative.
0C	MESSAGE	No message. System halts. (E)
	CAUSE	Undefined error message occurs for HPMC in HPMC save state routine.
	ACTION	Contact your Hewlett-Packard Support Representative.
0D	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify checksum while downloading code from EPROM on system monitor card.
	ACTION	Contact your Hewlett-Packard Support Representative.
0E	MESSAGE	No message. System boots. (W)
	CAUSE	Self-test completes with warning.
	ACTION	check warning message(s). Contact your HP Representative if future problem occurs.
0F	MESSAGE	No message. System boots. (I)
	CAUSE	Self-test completes successfully.
21	MESSAGE	No message. Self-test continues. (W)
	CAUSE	Verification of stable storage fails.
	ACTION	Contact your HP Representative if system halt occurs or future problem encountered.
22	MESSAGE	No message. Self-test continues. (W)
	CAUSE	Failure occurs while reading from stable storage.
	ACTION	Contact your HP Support Representative if system halt occurs or future problem encountered.
28	MESSAGE	No message. Self-test continues. (W)
	CAUSE	Failure occurs while reading from time-of-day clock.
	ACTION	Contact your HP Support Representative if system halt occurs or future problem encountered. check time-of-day entry during START routine.

**Class Error 4: Coprocessor Failure**

Coprocessor messages take the form:

42xx

where:

xx = the last two digits of the hex display.

00	MESSAGE	No message. System halts. (E)
	CAUSE	Error indicates that the coprocessor is frozen.
	ACTION	Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.
02	MESSAGE	No message. System halts. (E)
	CAUSE	Test fails as single load followed by a single store is executed without an intervening I-cache miss.
	ACTION	Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.
03	MESSAGE	No message. System halts. (E)
	CAUSE	Test fails as double load followed by a double store is executed to see that the lower word returns correctly.
	ACTION	Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.
04	MESSAGE	No message. System halts. (E)
	CAUSE	Test fails as floating-point operation is executed and followed by a sufficient number of nonfloating-point instructions to ensure that the FP operation has been completed. A single-precision store performs the check of the result.
	ACTION	Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.
05	MESSAGE	No message. System halts. (E)
	CAUSE	An error occurs as a floating-point compare operation that sets the C bit is executed. An FTEST instruction checks that the C bit has been set.
	ACTION	Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.
06	MESSAGE	No message. System halts. (E)
	CAUSE	An error occurs as a load of the status register is attempted from an I/O address. This should abort.
	ACTION	Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.
07	MESSAGE	No message. System halts. (E)
	CAUSE	An error occurs as a coprocessor load followed by a floating-point operation that uses the load data is executed.

## Class Errors

	ACTION	Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.
08	MESSAGE	No message. System halts. (E)
	CAUSE	An error occurs since a floating-point operation that causes a trapping exception is immediately followed by a coprocessor store with a T-register conflict. This store should have been delayed until the trap completes, reflecting the result of the trap.
	ACTION	Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.
09	MESSAGE	No message. System halts. (E)
	CAUSE	An unanticipated trap occurs, possibly caused by a failure of the r1 comparator or trap logic.
	ACTION	Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.
0A	MESSAGE	No message. System halts. (E)
	CAUSE	Test of conflict comparator fails.
	ACTION	Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.
0B	MESSAGE	No message. System halts. (E)
	CAUSE	An error occurs as coprocessor load of a nonzero number to FPR (0), the status register, is executed and then a floating-point operation that requires zero as an operand is executed. This tests that the FP operation reflects an operand of zero.
	ACTION	Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.
0C	MESSAGE	No message. System halts. (E)
	CAUSE	T-bit of FPR(0) is not set.
	ACTION	Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.
0D	MESSAGE	No message. System halts. (E)
	CAUSE	An error occurs as a floating-point operation with a zero T-field is executed followed by a coprocessor store of the status register. The status register should not have been affected by the FP operation.
	ACTION	Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.
0E	MESSAGE	No message. System halts. (E)
	CAUSE	An error occurs as a coprocessor load to a reserved register

		is attempted. This should cause a reserved operation trap.
	ACTION	Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.
0F	MESSAGE	No message. System halts. (E)
	CAUSE	An error occurs as a coprocessor load from an I/O address is attempted. This load should abort.
	ACTION	Contact your Hewlett-Packard Support Representative.
31	MESSAGE	No message. System halts. (E)
	CAUSE	Test results in an unexpected assist exception trap. This cause can stem from a variety of problems in the system, possibly resulting from a test of the conflict comparator. This test can also reflect a malfunction of one or more of the math chips.
	ACTION	Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.
42	MESSAGE	No message. System halts. (E)
	CAUSE	Test of ALUZERO condition fails.
	ACTION	Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.
43	MESSAGE	No message. System halts. (E)
	CAUSE	Test of ALUZERO condition fails.
	ACTION	Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.
44	MESSAGE	No message. System halts. (E)
	CAUSE	Test of ALUSIGN condition fails.
	ACTION	Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.
45	MESSAGE	No message. System halts. (E)
	CAUSE	Test of XOR in ALU fails.
	ACTION	Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.
46	MESSAGE	No message. System halts. (E)
	CAUSE	Test of AND in ALU fails.
	ACTION	Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.
47	MESSAGE	No message. System halts. (E)
	CAUSE	Test of OR in ALU fails.

## Class Errors

	ACTION	<b>Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.</b>
48	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Test of load to status register fails.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.</b>
49	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Test of instruction register fails.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.</b>
62	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Detect failure of multiply chip U2302.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.</b>
64	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Detect failure of add chip U2104.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.</b>
65	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Detect failure of divide chip U2305.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.</b>
80	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Detect failure in nullify generation circuitry.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.</b>
86	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Microcode detects possible failure of RAM6 U1101.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.</b>
90	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Microcode detects possible failure of RAM7 U1301.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.</b>
91	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Microcode detects possible failure of RAM2 U1302.</b>



	ACTION	<b>Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.</b>
95	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Microcode detects possible failure of RAM5 U1401.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.</b>
96	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Microcode detects possible failure of RAM1 U1402.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.</b>
97	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Microcode detects possible failure of RAM4 U1403.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.</b>
98	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Microcode detects possible failure of RAM0 U1404.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.</b>
C0	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Macrocode detects possible failure of RAM0 U1404.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.</b>
C1	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Macrocode detects possible failure of RAM1 U1402.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.</b>
C2	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Macrocode detects possible failure of RAM2 U1302.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.</b>
C3	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Macrocode detects possible failure of RAM3 U1303.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.</b>
C4	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Macrocode detects possible failure of RAM4 U1403.</b>

**Class Errors**

	ACTION	Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.
C5	MESSAGE	No message. System halts. (E)
	CAUSE	Macrocode detects possible failure of RAM5 U1401.
	ACTION	Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.
C6	MESSAGE	No message. System halts. (E)
	CAUSE	Macrocode detects possible failure of RAM6 U1101.
	ACTION	Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.
C7	MESSAGE	No message. System halts. (E)
	CAUSE	Macrocode detects possible failure of RAM7 U1301.
	ACTION	Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.
CA	MESSAGE	No message. System halts. (E)
	CAUSE	An error occurs during a series of arbitrary microcode calculations. Areas of possible cause are the mapper PROM or the math chips.
	ACTION	Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.
CC	MESSAGE	No message. System halts. (E)
	CAUSE	An error occurs which slows the execution of the floating-point unit.
	ACTION	Contact your Hewlett-Packard Support Representative. Remove the floating-point board, then reboot the system.

**Class Error 5: Bus Protocol Failure**

Bus protocol messages takes the form:

5sxx

where:

s = slot number

xx = detailed error number.

00	MESSAGE	No message. System halts. (E)
	CAUSE	Undefined error occurs at the start of this test.
	ACTION	Contact your Hewlett-Packard Support Representative.

## Class Error 7: Memory Failure

### Class Error 7

memory error messages takes the form:

7sxx

where:

s = slot number

xx = detailed error number.

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NOTE	The memory test takes about 1.5 seconds per MB of memory.	
00	MESSAGE	No message. System halts. (E)
	CAUSE	Undefined error occurs at the start of the test of this board.
	ACTION	Contact your Hewlett-Packard Support Representative.
01	MESSAGE	No message. System halts. (E)
	CAUSE	Either stuck bit occurs in I/O status register or cannot find four contiguous words within the first 256 KB without a single bit error.
	ACTION	Contact your Hewlett-Packard Support Representative.
02	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the memory with its address fails. Second possible cause of the error is the cache unit. Third possible cause of the error is the TLB.
	ACTION	Contact your Hewlett-Packard Support Representative.
03	MESSAGE	No message. System halts. (E)
	CAUSE	Pattern testing memory fails. Second possible cause of the error is the cache unit. Third possible cause of the error is the TLB.
	ACTION	Contact your Hewlett-Packard Support Representative.
04	MESSAGE	No message. System halts. (E)
	CAUSE	Multiple bit error flag is set by single bit error. Second possible cause of the error is the cache unit.
	ACTION	Contact your Hewlett-Packard Support Representative.
05	MESSAGE	No message. System halts. (E)
	CAUSE	Multiple bit error flag is not set by multiple bit error. Second possible cause of the error is the cache unit.
	ACTION	Contact your Hewlett-Packard Support Representative.

## Class Errors

06	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Memory controller cannot calculate the address of the faulty memory. Second possible cause of the error is the cache unit.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
07	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Single bit error is detected. Second possible cause of the error is the cache unit.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
0A	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Parity checking/generator is not working. Second possible cause of the error is the cache unit.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
0B	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Verification of read/write protocol fails. Second possible cause of the error is the cache unit.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
0C	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Verification of read and Clear protocol fails. Second possible cause of the error is the cache unit.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
10	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Undefined type of memory controller is found.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
11	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Error occurs as "hole" in memory is detected.</b>
	ACTION	<b>Install 32 MB memory controller. Contact your Hewlett-Packard Support Representative.</b>
12	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Last memory controller does not have a memory array installed.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative. Install memory array.</b>
13	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Last 8 MB (3 MB MC and 5 MB MA) memory controller does not have a memory array installed.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>

		<b>Install memory array.</b>
2F	MESSAGE	No message. System halts. (E)
	CAUSE	No memory board is found during initialization. Second possible cause of the error is the cache unit.
	ACTION	Contact your Hewlett-Packard Support Representative.

## **Class Error 8: Channel Adapter Test**

Channel adapter test messages take the form:

8sxx

where:

s = slot number

xx = detailed error number.

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**NOTE** The channel adapter test takes about 5 seconds to perform.

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00	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Undefined error occurs at the start of the test of this board.</b>
	ACTION	Contact your Hewlett-Packard Support Representative.
01	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Cannot enable soft physical address. (Cannot set the SSET bit.)</b>
	ACTION	Contact your Hewlett-Packard Support Representative.
02	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Cannot disable soft physical address. (Cannot reset SSET bit to zero.)</b>
	ACTION	Contact your Hewlett-Packard Support Representative.
03	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Cannot verify memory with its address.</b>
	ACTION	Contact your Hewlett-Packard Support Representative.
04	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Cannot verify memory with sliding ones.</b>
	ACTION	Contact your Hewlett-Packard Support Representative.
05	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Cannot verify memory with sliding zeros.</b>
	ACTION	Contact your Hewlett-Packard Support Representative.

**Class Errors**

06	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Cannot verify memory with all zeros.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
07	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Pattern testing of external interrupt enable mask register fails.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
08	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Cannot set interrupt register to zero.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
09	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Pattern testing of interrupt register fails.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
0A	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Pattern testing of chain RAM base register fails.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
0B	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Failure encountered while pattern testing mask register.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
0E	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Pattern testing of reset address register fails.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
0F	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Pattern testing of reset data register fails.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
10	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Reset does not clear soft physical address (SPA).</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
11	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Either a channel I/O card is not installed, or none of the CIO cards pass the self-test and are ready for command.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
12	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Stop command does not set the ready (RDY) bit.</b>

	ACTION	Contact your Hewlett-Packard Support Representative.
13	MESSAGE	No message. System halts. (E)
	CAUSE	Chain command does not clear the RDY bit.
	ACTION	Contact your Hewlett-Packard Support Representative.
14	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot get an interrupt at the end of DMA. (Appropriate bit in submask register not set.)
	ACTION	Contact your Hewlett-Packard Support Representative.
15	MESSAGE	No message. System halts. (E)
	CAUSE	DMA does not transfer data.
	ACTION	Contact your Hewlett-Packard Support Representative.
16	MESSAGE	No message. System halts. (E)
	CAUSE	RDY bit is not set at the end of DMA.
	ACTION	Contact your Hewlett-Packard Support Representative.
17	MESSAGE	No message. System halts. (E)
	CAUSE	CIO card returns wrong status after the subchannel is disconnected.
	ACTION	Contact your Hewlett-Packard Support Representative.
18	MESSAGE	No message. System halts. (E)
	CAUSE	Undefined error occurs with a CIO card. RFC, PST, PRE, or LVI do not match.
	ACTION	Contact your Hewlett-Packard Support Representative.
1A	MESSAGE	No message. System halts. (E)
	CAUSE	Hewlett-Packard IB loopback test reports data write status error.
	ACTION	Contact your Hewlett-Packard Support Representative.
1B	MESSAGE	No message. System halts. (E)
	CAUSE	Hewlett-Packard IB cannot get ready for command.
	ACTION	Contact your Hewlett-Packard Support Representative.
1C	MESSAGE	No message. System halts. (E)
	CAUSE	Hewlett-Packard IB loopback test reports undefined status error.
	ACTION	Contact your Hewlett-Packard Support Representative.
1D	MESSAGE	No message. System halts. (E)
	CAUSE	Hewlett-Packard IB loopback test reports data error.

## Class Errors

	ACTION	Contact your Hewlett-Packard Support Representative.
1E	MESSAGE	No message. System halts. (E)
	CAUSE	Channel does not request attention after disconnecting the subchannel.
	ACTION	Contact your Hewlett-Packard Support Representative.
20	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify link to previous link status block.
	ACTION	Contact your Hewlett-Packard Support Representative.
21	MESSAGE	No message. System halts. (E)
	CAUSE	Status error occurs while verifying link status quad.
	ACTION	Contact your Hewlett-Packard Support Representative.
22	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify link to last data quad.
	ACTION	Contact your Hewlett-Packard Support Representative.
23	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify counter within the DMA chain quad.
	ACTION	Contact your Hewlett-Packard Support Representative.
25	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of channel with semaphore set to zero operation fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
26	MESSAGE	No message. System halts. (E)
	CAUSE	Undefined error occurs. Cannot find any installed memory board.
	ACTION	Contact your Hewlett-Packard Support Representative.
27	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of channel with semaphore fails. Semaphore changes from zero to one.
	ACTION	Contact your Hewlett-Packard Support Representative.
28	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the parity checking operation fails.
	ACTION	Contact your Hewlett-Packard Support Representative.
29	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the ME bit functionality on channel adapter status register for data parity errors fails. Channel does not set ME bit on data parity error.



	ACTION	Contact your Hewlett-Packard Support Representative.
2A	MESSAGE	No message. System halts. (E)
	CAUSE	Channel cannot identify a data parity error. (Wrong MSTAT issued on error.)
	ACTION	Contact your Hewlett-Packard Support Representative.
2B	MESSAGE	No message. System halts. (E)
	CAUSE	Verification of the ME bit functionality on channel adapter status register for address parity errors fails. (Channel does not set ME bit on error.)
	ACTION	Contact your Hewlett-Packard Support Representative.
2C	MESSAGE	No message. System halts. (E)
	CAUSE	Channel cannot identify an address parity error.
	ACTION	Contact your Hewlett-Packard Support Representative.
2F	MESSAGE	No message. System halts. (E)
	CAUSE	A mid-bus I/O card is not found.
	ACTION	Contact your Hewlett-Packard Support Representative.
40	MESSAGE	No message. System halts. (E)
	CAUSE	Channel cannot finish logchannel transaction. There is no interrupt at the end of the transaction.
	ACTION	Contact your Hewlett-Packard Support Representative.
41	MESSAGE	No message. System halts. (E)
	CAUSE	Logchannel status error occurs. The transaction requires the device adapter to be the system controller, and it is not.
	ACTION	Check Hewlett-Packard IB card switch setting. Contact your Hewlett-Packard Support Representative.
42	MESSAGE	No message. System halts. (E)
	CAUSE	Undefined logchannel status error occurs.
	ACTION	Contact your Hewlett-Packard Support Representative.
43	MESSAGE	No message. System halts. (E)
	CAUSE	End of the Hewlett-Packard IB loopback test with logchannel returns a bad status.
	ACTION	Contact your Hewlett-Packard Support Representative.
44	MESSAGE	No message. System halts. (E)
	CAUSE	Subchannel is not readied after the logchannel operation.
	ACTION	Contact your Hewlett-Packard Support Representative.

**Class Errors**

45	MESSAGE	No message. System halts. (E)
	CAUSE	Subchannel is not readied after attention request enable followed by an attention request operation.
	ACTION	Contact your Hewlett-Packard Support Representative.
46	MESSAGE	No message. System halts. (E)
	CAUSE	I/O card returns wrong status after an attention request.
	ACTION	Contact your Hewlett-Packard Support Representative.
47	MESSAGE	No message. System halts. (E)
	CAUSE	Correct bit is not set in the attention request register.
	ACTION	Contact your Hewlett-Packard Support Representative.
48	MESSAGE	No message. System halts. (E)
	CAUSE	Attention request bit set prior to attention request test. (Error unknown.)
	ACTION	Contact your Hewlett-Packard Support Representative.
49	MESSAGE	No message. System halts. (E)
	CAUSE	Subchannel does not request attention after enabling attention request and request attention. (write control of ARE and RQA.)
	ACTION	Contact your Hewlett-Packard Support Representative.
4F	MESSAGE	No message. Self-test continues. (W)
	CAUSE	Channel cannot complete its test without a Hewlett-Packard IB card.
	ACTION	check device adapters. Contact your Hewlett-Packard Support Representative if device problems occur.
50	MESSAGE	No message. System halts. (E)
	CAUSE	Cannot verify I/O test checksum.
	ACTION	Contact your Hewlett-Packard Support Representative.

**Class Error 9: Console Path Test****Class Error 9**

Console path related errors and/or channel I/O errors take the following multiplexed code form:

01wx

9yzz

where:

w = CIO slot number (<> C)

x = Device address (always 0 for the console)

y = CIO mid-bus slot number

zz = IODC driver error code 00 - 7F.

0100	9y80	MESSAGE	None. (I)
		CAUSE	I/O dependent code (IODC) from channel I/O bus (CIO) in console path fails.
		ACTION	None. If problem recurs or is suspected cause of a future system problem or failure, contact your Hewlett Packard Support Representative.
0100	9y88	MESSAGE	No message. System halts. (E)
		CAUSE	No working console is found. Autoboot disabled.
		ACTION	Connect console or replace existing console. Reboot system.
01C0	9yzz	MESSAGE	No message. Self-test continues. (W)
		CAUSE	Access port self-test fails. "zz" = AP self-test code (00-7F).
		ACTION	If AP not functional, reset the system from the front panel. If a soft reset/transfer of control is needed, set switch 3 on the system monitor card to the open position and reset the system from the front panel. If AP is functional and can reset the system, note the error as a possible console path or CIO bus problem should a future problem or system failure occur.
01C0	9yF0	MESSAGE	No message. Self-test continues. (W)
		CAUSE	Access port read of the hexadecimal display fails.
		ACTION	None. Note error should a future system problem occur.
01C0	9yFF	MESSAGE	No message. Self-test continues. (W)
		CAUSE	No access port is found.
		ACTION	If an access port exists and remains functional, note error should the problem cause a future problem or system failure. If AP is disabled or not functioning and you have reset the system from the front panel, ignore warning message.



## **9 System Startup, Shutdown, and Configuration (cont)**

This section lists the system messages and error codes received during system reset, startup, and shutdown. For additional error codes, such as those generated from network services or network manager, see the appropriate manual.

## Class Errors

### Class Error A: Boot Path Test

Boot device related errors and/or channel I/O errors take the following multiplexed code form:

01wx

Ayzz

where:

w = CIO slot number (<> C)

x = Device address (always 0 for the console)

y = CIO mid-bus slot number

zz = IODC driver error code 00 - 7F.

0100	Ay80	MESSAGE	<p>Boot Error: First display.            Boot Error: Second display.            Boot from Primary Path (Y or N)?&gt;</p>
		CAUSE	<b>IODC load from the CIO channel in console path fails.</b>
		ACTION	<b>Check that the tape drive is functional. (Check switch setting if switch selector is used.) Recable new drive. If measures fail, contact your Hewlett-Packard Support Representative and boot from primary path if possible.</b>
0100	AyF0	MESSAGE	<p>Boot Error: First display.            Boot Error: Second display.            Boot from Primary Path (Y or N)?&gt;</p>
		CAUSE	<b>LIF volume label error occurs. The media may have been improperly initialized.</b>
		ACTION	<b>Check that the tape drive is functional. (check switch setting, if switch selector is used.) check that the mounted tape is a boot tape. Recable new drive or replace suspect tape. If measures fail, contact your Hewlett-Packard Support Representative and boot from primary path if possible.</b>
01wx	AyF8	MESSAGE	<p>Boot Error: First display.            Boot Error: Second display.            Boot from Primary Path (Y or N)?&gt;</p>
		CAUSE	<b>IPL checksum fails. The utility (or ISL) being read from tape is possibly corrupted.</b>
		ACTION	<b>Try using the utility from another tape, such as from the master backup. If problem persists, contact your</b>

Hewlett-Packard Support Representative and boot from the system disk.

## **Class Error B: Initialization Messages**

When the system halts, the reason for the halt can be seen on the SPU control panel status display (hex display). The first number is the source of the halt call, and following it are numbers of the form 0nxx where n is a number that starts at 1 and increments. The reason can be interpreted by stringing the xx values together to form a number.

When the monitor is the source of the halt, the first number is B000. System abort uses B007. The following codes relate the cause of the error.

0001	thru	0019	MESSAGE	No message. System halts. (E)
			CAUSE	The break handler (to RDB) was reentered.
			ACTION	Try rebooting the system. If error recurs, contact your Hewlett-Packard Support Representative.
0020			MESSAGE	No message. System halts. (E)
			CAUSE	A break zero (0) instruction is encountered without RDB.
			ACTION	Try rebooting the system. If error recurs, contact your Hewlett-Packard Support Representative.
0021			MESSAGE	No message. System halts. (E)
			CAUSE	An unknown high priority machine check occurs.
			ACTION	Try rebooting the system. If error recurs, contact your Hewlett-Packard Support Representative.
0022			MESSAGE	No message. System halts. (E)
			CAUSE	A nonrecoverable low priority machine check occurs.
			ACTION	Try rebooting the system. If error recurs, contact your Hewlett-Packard Support Representative.
0028			MESSAGE	No message. System halts. (E)
			CAUSE	Reinit_iodc fails to read entry_init.
			ACTION	Contact your Hewlett-Packard Support Representative.
0029			MESSAGE	No message. System halts. (E)
			CAUSE	Reinit_iodc fails to read entry_io.
			ACTION	Try rebooting the system. If error recurs, contact your Hewlett-Packard Support Representative.
0030			MESSAGE	No message. System halts. (E)
			CAUSE	Image does not fit the first memory controller.
			ACTION	Try rebooting the system. If error recurs, contact your Hewlett-Packard Support Representative.

## Class Errors

003E	MESSAGE	No message. System halts. (E)
	CAUSE	<b>A nonrecoverable taken branch or break trap occurs.</b>
	ACTION	<b>Try rebooting the system. If error recurs, contact your Hewlett-Packard Support Representative.</b>
003F	MESSAGE	No message. System halts. (E)
	CAUSE	<b>A bad instruction is received from RDB.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
0040	MESSAGE	No message. System halts. (E)
	CAUSE	<b>A configured module is lost on powerfail.</b>
	ACTION	<b>Try rebooting the system. If error recurs, contact your Hewlett-Packard Support Representative.</b>
0041	MESSAGE	No message. System halts. (E)
	CAUSE	<b>A bus converter is lost on powerfail.</b>
	ACTION	<b>Try rebooting the system. If error recurs, contact your Hewlett-Packard Support Representative.</b>
0042	MESSAGE	No message. System halts. (E)
	CAUSE	<b>A bus converter was added on powerfail.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
0043	MESSAGE	No message. System halts. (E)
	CAUSE	<b>memory was added on powerfail.</b>
	ACTION	<b>Try rebooting the system. If error recurs, contact your Hewlett-Packard Support Representative.</b>
0044	MESSAGE	No message. System halts. (E)
	CAUSE	<b>A module was added on powerfail and it generated an address conflict.</b>
	ACTION	<b>Try rebooting the system. If error recurs, contact your Hewlett-Packard Support Representative.</b>
0045	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Memory self-test fails in map_system_state.</b>
	ACTION	<b>Try rebooting the system. If error recurs, contact your Hewlett-Packard Support Representative.</b>
0046 thru 004E	MESSAGE	No message. System halts. (E)
	CAUSE	<b>Error occurs on call to entry_init in reinit_iocd.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
005B thru 005F	MESSAGE	No message. System halts. (E)
	CAUSE	<b>The parallel card driver (RDB communications)</b>



			encounters an error.
		ACTION	Try rebooting the system. If error recurs, contact your Hewlett-Packard Support Representative.
0066	thru 006E	MESSAGE	No message. System halts. (E)
		CAUSE	Error occurs on call to entry_io in CONSOLE_READ or CONSOLE_WRITE.
		ACTION	Try rebooting the system. If error recurs, contact your Hewlett-Packard Support Representative.
0080	thru 0099	MESSAGE	No message. System halts. (E)
		CAUSE	A trap which neither RDB nor the operating system is prepared for occurs.
		ACTION	Contact your Hewlett-Packard Support Representative.
00F1		MESSAGE	No message. System halts. (E)
		CAUSE	Nonrecoverable instruction TLB error occurs.
		ACTION	Try rebooting the system. If error recurs, contact your Hewlett-Packard Support Representative.
00F2		MESSAGE	No message. System halts. (E)
		CAUSE	Nonrecoverable data TLB error occurs.
		ACTION	Try rebooting the system. If error recurs, contact your Hewlett-Packard Support Representative.
00F3		MESSAGE	No message. System halts. (E)
		CAUSE	Nonrecoverable bus address error occurs.
		ACTION	Try rebooting the system. If error recurs, contact your Hewlett-Packard Support Representative.
00F4		MESSAGE	No message. System halts. (E)
		CAUSE	Nonrecoverable bus error on I/O space occurs.
		ACTION	Contact your Hewlett-Packard Support Representative.
00F5		MESSAGE	No message. System halts. (E)
		CAUSE	Nonrecoverable bus error on memory read or write occurs.
		ACTION	Try rebooting the system. If error recurs, contact your Hewlett-Packard Support Representative.
00F6		MESSAGE	No message. System halts. (E)
		CAUSE	Nonrecoverable bus error I/O space write occurs.
		ACTION	Try rebooting the system. If error recurs, contact your Hewlett-Packard Support Representative.
00F7		MESSAGE	No message. System halts. (E)

## Class Errors

	CAUSE	Nonrecoverable bus error with slave processor occurs.
	ACTION	Try rebooting the system. If error recurs, contact your Hewlett-Packard Support Representative.
00F8	MESSAGE	No message. System halts. (E)
	CAUSE	Nonrecoverable cache tag error occurs.
	ACTION	Contact your Hewlett-Packard Support Representative.
00F9	MESSAGE	No message. System halts. (E)
	CAUSE	Nonrecoverable data cache error occurs.
	ACTION	Try rebooting the system. If error recurs, contact your Hewlett-Packard Support Representative.
00FA	MESSAGE	No message. System halts. (E)
	CAUSE	Nonrecoverable assist (coprocessor) error occurs.
	ACTION	Try rebooting the system. If error recurs, contact your Hewlett-Packard Support Representative.
00FB	MESSAGE	No message. System halts. (E)
	CAUSE	Nonrecoverable instruction cache error occurs.
	ACTION	Try rebooting the system. If error recurs, contact your Hewlett-Packard Support Representative.
0131	MESSAGE	Illegal configuration.
	CAUSE	You may have an illegal configuration, such as trying to run MPE/iX on an 800-series CPU.
	ACTION	CALL your HP service representative. <i>Do not</i> try to INSTALL or UPDATE or the system will halt with a message, B0000 DEAD 0131.

## **Class Error C: Bootstrap Display Codes**

Bootstrap display codes take the form:

Cxxx

where:

xxx = detailed error number.

C20x	MESSAGE	None. (I)
	CAUSE	<b>First memory controller initialized. x = MC mid-bus slot number.</b>
	ACTION	<b>None.</b>
C201	MESSAGE	None. System halts. (E)
	CAUSE	<b>No memory controller is found.</b>
	ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
C40x	MESSAGE	None. (I)
	CAUSE	<b>Primary console path initialized. x = CIO bus slot number.</b>
	ACTION	<b>None.</b>
C54x	MESSAGE	None. (I)
	CAUSE	<b>Primary boot path initialized. x = CIO bus slot number.</b>
	ACTION	<b>None.</b>
C58x	MESSAGE	None. (I)
	CAUSE	<b>Primary boot path I/O. x = CIO bus slot number.</b>
	ACTION	<b>None.</b>
C5FF	MESSAGE	None. (I)
	CAUSE	<b>Launch IPL that has been read from primary boot path. x = CIO bus slot number.</b>
	ACTION	<b>None.</b>
C60x	MESSAGE	None. (I)
	CAUSE	<b>Alternate (hard-wired) console path initialized. x = CIO bus slot number.</b>
	ACTION	<b>None.</b>
C74x	MESSAGE	None. (I)
	CAUSE	<b>Alternate boot path initialized. x = CIO bus slot number.</b>
	ACTION	<b>None.</b>
C78x	MESSAGE	None. (I)

**Class Errors**

	CAUSE	<b>Alternate boot path I/O. x = CIO bus slot number.</b>
	ACTION	<b>None.</b>
C7FF	MESSAGE	None. (I)
	CAUSE	<b>Launch IPL that has been read from alternate boot path.</b>
	ACTION	<b>None.</b>

## Class Error CA: Power Fail

Power fail message take the form:

CAxx

where:

xx = detailed error number.

---

**NOTE** See high-priority machine check detail errors for code CAF0 - CAFE.

---

## Class Error CB: transfer of control

transfer of control messages take the form:

CBxx

where:

xx = detailed error number.

CB01	MESSAGE	None. (I)
	CAUSE	General register 0 is not zero.
	ACTION	None.

## Class Error CE: ISL Messages and Error Codes

ISL sends messages both to the system console and to the four-digit front panel LED display. The codes that can be generated by ISL are listed in table 1-3.

Codes CE00 - CE09 are informative messages only.

Codes CE10 - CE27 indicate an error.

A nonfatal error causes ISL to issue a message. During autoboot, a nonfatal error causes the autoboot to abort and ISL prompts for input, just as if the autoboot had been interrupted through a console request within the first 10 seconds.

A fatal error stops the system and lights the front panel red self-test light. You are required to correct the problem indicated before rebooting the system.

See the note that follows the explanation of the individual codes for more information on particular codes.

CE00	MESSAGE	ISL is executing. (I)
	CAUSE	ISL is launched.
	ACTION	None.
CE01	MESSAGE	ISL is autobooting from the auto-execute file. (I)
	CAUSE	ISL has found and is executing the startup sequence

## Class Errors

		<b>command file.</b>
	ACTION	None.
CE02	MESSAGE	Cannot find auto-execute file. Autoboot aborted. (I)
	CAUSE	<b>An auto-execute file does not exist or the file has not been properly designated through the SYSGEN utility SYSFILE configurator.</b>
	ACTION	<b>Enter boot sequence command and options to the ISL prompt. (If file exists, refer to <i>MPE/iX System Startup, Configuration, and Shutdown Reference Manual</i> for information on how to configure the file as an auto-execute file.)</b>
CE03	MESSAGE	No System console found. ISL can only autoboot. (I)
	CAUSE	<b>A system console does not exist or is disabled. ISL attempts to bring up the system with no operator intervention.</b>
	ACTION	None.
CE05	MESSAGE	Directory of utilities is too big. ISL reads only 2K bytes. (I)
	CAUSE	<b>Directory entries exceed 2 KB.</b>
	ACTION	None.
CE06	MESSAGE	Auto-execute file is inconsistent. Autoboot aborted. (I)
	CAUSE	<b>Commands within the file are in conflict or are invalid for the startup sequence.</b>
	ACTION	<b>Enter the startup sequence command and options at the ISL prompt.</b>
CE07	MESSAGE	Utility file header inconsistent: SOM values invalid. (I)
	CAUSE	<b>ISL cannot read the header information.</b>
	ACTION	None.
CE08	MESSAGE	Auto-execute file input string exceeds 2048 characters. Autoboot aborted. (I)
	CAUSE	<b>A command line string that has more than 2048 characters has been entered as part of the command file.</b>
	ACTION	<b>Enter the startup sequence command and options at the ISL prompt. Edit the auto-execute file and reassign it through the SYSGEN utility for subsequent autoboot.</b>
CE09	MESSAGE	ISL command or utility name exceeds 10

		characters. (I)
	CAUSE	The command or utility entered at the ISL prompt exceeds 10 characters in length.
	ACTION	Reenter the command or utility name.
CE10	MESSAGE	Internal inconsistency: volume label - FATAL! (E)
	CAUSE	ISL cannot read the volume label.
	ACTION	Contact your Hewlett-Packard Support Representative. Boot the system from the alternate path. Initiate tape dump if possible. Update the system from the system boot tape.
CE11	MESSAGE	Internal inconsistency: directory - FATAL! (E)
	CAUSE	ISL cannot read the Directory.
	ACTION	Boot from the alternate path. Update system files from system boot tape. Contact your Hewlett-Packard Support Representative.
CE12	MESSAGE	Error reading auto-execute file. (W)
	CAUSE	ISL cannot read the auto-execute file.
	ACTION	Enter the ISL utility command and options at the ISL prompt.
CE13	MESSAGE	Error reading from the system console - FATAL! (E)
	CAUSE	Firmware, hardware, or device error possible.
	ACTION	enable remote console from the console CM> prompt, if possible. Soft reset the system, initiate DUMP START. Contact your Hewlett-Packard Support Representative.
CE14	MESSAGE	Error writing to the system console - FATAL! (E)
	CAUSE	Firmware, hardware, or device error possible.
	ACTION	enable remote console from the console CM> prompt, if possible. Soft reset the system, initiate DUMP START. Contact your Hewlett-Packard Support Representative.
CE15	MESSAGE	Not an ISL command or utility. (W)
	CAUSE	The entry at the ISL prompt is neither an ISL utility nor command name.
	ACTION	Enter a proper ISL utility or command name.
CE16	MESSAGE	Utility file header inconsistent: Invalid system ID. (W)

## Class Errors

	CAUSE	The system ID in the file header is invalid.
	ACTION	See NOTE at the end of the ISL error messages.
CE17	MESSAGE	Error reading utility file header. (E)
	CAUSE	Firmware, hardware, or device error is possible.
	ACTION	Update the system from the system boot tape. Retry. If failure recurs, contact your Hewlett-Packard Support Representative.
CE18	MESSAGE	Utility file header inconsistent: Bad magic number. (W)
	CAUSE	ISL cannot read file header information.
	ACTION	See NOTE at the end of the ISL error messages.
CE19	MESSAGE	Utility would overlay ISL in memory. (W)
	CAUSE	Utility is too large, load address is too low in memory to be read in without overlaying ISL memory area.
	ACTION	See NOTE at the end of the ISL error messages.
CE1A	MESSAGE	Utility requires more memory than is configured. (W)
	CAUSE	Utility requires more memory than exists and is available for execution.
	ACTION	Add more memory to the system and reboot, or boot a different utility.
CE1B	MESSAGE	Error reading utility into memory. (E)
	CAUSE	Firmware, hardware, or device error is possible.
	ACTION	Contact your Hewlett-Packard Support Representative.
CE1C	MESSAGE	Incorrect checksum - reading utility into memory. (W)
	CAUSE	The utility is corrupted.
	ACTION	Replace the utility from the master backup, or execute a different utility. See NOTE at the end of the ISL error messages.
CE1D	MESSAGE	System console needed - FATAL! (E)
	CAUSE	No system console exists or is enabled for required operation.
	ACTION	Attach a system console or enable a remote console as the master console, and reset the system.
CE21	MESSAGE	Destination memory address of utility is invalid. (E)
	CAUSE	Utility is corrupted.



	ACTION	See NOTE at the end of the ISL error messages.
CE22	MESSAGE	Utility file header inconsistent: pdc_cache entry. (E)
	CAUSE	Firmware error.
	ACTION	Contact CE.
CE23	MESSAGE	Internal inconsistency: iodc_entry_init - FATAL! (E)
	CAUSE	Firmware error.
	ACTION	Contact your Hewlett-Packard Support Representative.
CE24	MESSAGE	Internal inconsistency: iodc_entry_init - console - FATAL! (E)
	CAUSE	Firmware error.
	ACTION	Contact your Hewlett-Packard Support Representative.
CE25	MESSAGE	Internal inconsistency: iodc_entry_init - boot device - FATAL! (E)
	CAUSE	Firmware error.
	ACTION	Contact your Hewlett-Packard Support Representative.
CE26	MESSAGE	Utility file header inconsistent: Bad aux_id. (W)
	CAUSE	ISL cannot read the file header auxiliary ID.
	ACTION	See NOTE at the end of the ISL error messages.
CE27	MESSAGE	Bad utility file type. (W)
	CAUSE	Proper file entry does not exist.
	ACTION	See NOTE at the end of the ISL error messages.

---

**NOTE** Codes CE07, 16, 17, 19, 1C, 21, and 26 indicate an error with the utility. A different utility may be booted. For the same utility to be booted, you must update it from a system master tape set or a system load tape created by the SYSGEN utility. Code CE27 does not necessarily indicate an error. The name typed in may match a name in the directory which is not a bootable file.

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## "Nonclass" Errors

### Run-Time Codes: System Activity Indicator

When the system is up and running, the LED display issues an alternating run-time message code as FxFF, where "x" is a hexadecimal digit from 0-A. The digit represents the percentage of non-idle time.

### DCC Error Codes

Toward the end of system start, the data communication configurator (DCC) executes. This creates the LINK and DTS managers defined in `NMCONFIG.PUB.SYS`. If the DCC completes successfully, the following message is displayed:

```
DCC STARTUP - OK!
```

However, if an error occurs, one of the following error messages is displayed. These messages contain a DCC error number and description.

In the messages below, the P-L number is a DCC procedure number and DCC location number. These values are needed by your local DCC support person when a problem is reported. The SSSSSSSS in some messages is an 8-digit hexadecimal value. MMM and LLL are decimal values. PATH is a NMCONF path or LLIO physical path.

---

**NOTE** Currently, the last message issued to the console during a system startup is DCC STARTUP - ERROR. This is not an actual error. Enter a **Return** and the system prompt `MPE/XL:` is displayed.

---

MESSAGE DCC ERROR P-L, (LLIO status SSSSSSSS).

CAUSE Low-level I/O services reported status SSSSSSSS. DCC employs LLIO services `io_config`, `io_get_frame`, `io_release_frame`, `io_get_timer`, and `io_send`.

ACTION For more information decode SSSSSSSS.

MESSAGE DCC ERROR P-L, (reply status SSSSSSSS, MSG descriptor MMM).

CAUSE Reply message MMM contained reply status SSSSSSSS.

ACTION For more information decode MMM and SSSSSSSS.

MESSAGE DCC ERROR P-L, (NMCONF file error SSSSSSSS).  
NM path: PATH

CAUSE NMCONFIG file may not exist, or it is locked by another entity.

ACTION check to see if `NMCONFIG.PUB.SYS` exists, if it's a NMCONF type file, or if it is locked by another entity.

MESSAGE DCC ERROR P-L, (NMCONF record error SSSSSSSS).  
NM path: PATH

CAUSE           **The DCC surrogate was unable to read an NMCONFIG.PUB.SYS was not validated or is corrupted.**

ACTION          **Validate NMCONFIG.PUB.SYS again (for example, VALIDATE DTS/LINK) and reboot more information decode SSSSSSSS.**

MESSAGE        DCC ERROR P-L, configuration record data was invalid.  
NM path: PATH

CAUSE           **data in NMCONFIG.PUB.SYS was not validated or is corrupted.**

ACTION          **Contact your support personnel. Validate NMCONFIG.PUB.SYS again (for example, validate the DTS/LINK) and reboot.**

MESSAGE        DCC ERROR P-L, (HILO status SSSSSSSS. ldev LLL).

CAUSE           **high-level I/O services reported status SSSSSSSS for logical device number LLL. DCC employs HILO services configure\_hilo\_device, allocate\_device and ldm-port.**

ACTION          **Logical device numbers <99 should not be employed by data comm products.**

MESSAGE        DCC ERROR P-L, (buffer manager status SSSSSSSS).

CAUSE           **data comm buffer manager reported status SSSSSSSS.**

ACTION          **check buffer-size and number-of-buffer fields in NMCONFIG.PUB.SYS. For more information decode SSSSSSSS.**

MESSAGE        DCC ERROR P-L, (External procedure not found).

CAUSE           **Native library did not contain expected data comm manager procedure. Either NMCONFIG.PUB.SYS or the image is corrupted.**

ACTION          **Validate NMCONFIG.PUB.SYS again and reboot.**

MESSAGE        DCC ERROR P-L, (memory management status SSSSSSSS).

CAUSE           **memory management reported status SSSSSSSS. DCC could not acquire memory. This is serious condition and requires the intervention of your Hewlett-Packard Support Representative.**

ACTION          **Contact your Hewlett-Packard Support Representative.**

MESSAGE        DCC ERROR P-L, (Ports status SSSSSSSS).

CAUSE           **Ports reported status SSSSSSSS. DCC employs ports procedures create\_port and extended\_receive.**

ACTION          **For more information, decode SSSSSSSS.**

MESSAGE        DCC ERROR P-L, time out on reply msg, descriptor MMM.

CAUSE           **DCC did not receive reply message MMM in the allotted time.**

ACTION          **Contact your DCC support personnel.**

MESSAGE        DCC ERROR P-L, too many DTCs configured.

CAUSE           **NMCONFIG.PUB.SYS contains more than the supported ten DTCs.**

**"Nonclass" Errors**

ACTION	<b>Remove excess DTCs and reboot.</b>
MESSAGE	DCC ERROR P-L, link name specified for DTS does not exist.
CAUSE	<b>The link name in DTS.DTC screen was not found. The name may be incorrect in either the LINK screen or the DTC screen or the NMCONFIG.PUB.SYS file may contain more than the supported two links.</b>
ACTION	<b>Remove excess links and reboot.</b>
MESSAGE	DCC ERROR P-L, link name for specified DTS is not available.
CAUSE	<b>Some error occurred during link configuration.</b>
ACTION	<b>Usually the error is hardware related; the card is not in the configured slot, the card is not connected to the LAN, and so on. There should be another DCC error message displayed that relates to the link configuration error. Check additional error messages.</b>
MESSAGE	DCC ERROR P-L, TOO MANY LINKS CONFIGURED.
CAUSE	<b>NMCONFIG.PUB.SYS contains more than the supported two links.</b>
ACTION	<b>Remove excess links and reboot.</b>
MESSAGE	DCC ERROR P-L, message received on wrong subqueue.
CAUSE	<b>Valid message received on wrong subqueue: the message was rejected.</b>
ACTION	<b>None.</b>
MESSAGE	DCC ERROR P-L, unrecognized message received. All junk mail will be rejected.
CAUSE	<b>Unrecognized message received.</b>
ACTION	<b>None.</b>
MESSAGE	DCC ERROR P-L, internal DCC logic error
CAUSE	<b>Unknown.</b>
ACTION	<b>Contact your local DCC support person.</b>
MESSAGE	DCC ERROR P-L, (DAM error status SSSSSSSS). LLIO path: PATH
CAUSE	<b>IEEE802.3 DAM (for example, the link) reported an error during configuration. Usually the error is hardware related; for example, the card is not in the configured slot or the card is not connected to the LAN.</b>
ACTION	<b>Fix and reboot the system.</b>
MESSAGE	DCC warning PL, add ldev to class failure (HILO status SSSSSSSS, ldev LLL).
CAUSE	<b>Classes are not supported.</b>
ACTION	<b>Remove class from all profiles and reboot.</b>

MESSAGE DCC ERROR P-L, (External procedure not found).

CAUSE **This error is printed during each system startup. It does not affect the startup however, and the startup is successful even though the message is printed.**

ACTION None.

## High-Priority Machine Check (HPMC) Errors

High-priority machine check messages take the form:

XXF0 - XXFF

F1	MESSAGE	No message. System halts. (E)
	CAUSE	instruction TLB parity error occurs.
	ACTION	Contact your Hewlett-Packard Support Representative.
F2	MESSAGE	No message. System halts. (E)
	CAUSE	data TLB parity error occurs. instruction Unit.
	ACTION	Contact your Hewlett-Packard Support Representative.
F3	MESSAGE	No message. System halts. (E)
	CAUSE	Mid-bus address parity error occurs, or no slave response.
	ACTION	Contact your Hewlett-Packard Support Representative.
F4	MESSAGE	No message. System halts. (E)
	CAUSE	Mid-bus read data parity error occurs. The cache (master) performs a read transaction and detects bad parity from the slave.
	ACTION	Contact your Hewlett-Packard Support Representative.
F5	MESSAGE	No message. System halts. (E)
	CAUSE	Multiple bit read error occurs.
	ACTION	Contact your Hewlett-Packard Support Representative.
F6	MESSAGE	No message. System halts. (E)
	CAUSE	Mid bus write data parity error occurs.
	ACTION	Contact your Hewlett-Packard Support Representative.
F7	MESSAGE	No message. System halts. (E)
	CAUSE	Mid-bus CMD or external interrupt request register data parity error occurs, or a mid-bus timeout occurs.
	ACTION	Contact your Hewlett-Packard Support Representative.
F8	MESSAGE	No message. System halts. (E)
	CAUSE	cache tag parity error occurs.
	ACTION	Contact your Hewlett-Packard Support Representative.
F9	MESSAGE	No message. System halts. (E)
	CAUSE	Data cache read parity error occurs.
	ACTION	Contact your Hewlett-Packard Support Representative.

FA	MESSAGE	No message. System halts. (E)
	CAUSE	Floating-point high priority machine check.
	ACTION	Contact your Hewlett-Packard Support Representative.
FB	MESSAGE	No message. System halts. (E)
	CAUSE	Instruction parity error occurs.
	ACTION	Contact your Hewlett-Packard Support Representative.

---

**NOTE** HPMC codes FC through FF are currently undefined. If more than one error occurs, only the error with the smallest error code is displayed. For example, if both errors F4 and F7 occur, only F4 is displayed.

---

### Console Messages for Log File Errors

Log file errors are reported in one of the following messages. Refer to Table 9-1. on page 335 for a summary of log file error numbers, their meaning, and whether they are recoverable or irrecoverable errors.

LOG FILE NUMBER xxxxx ERROR #nn. LOGGING STOPPED indicates that an irrecoverable error occurred. System logging is disabled until the next system startup.

LOG FILE NUMBER xxxxx ERROR #nn. LOGGING SUSPENDED indicates that a recoverable error occurred. A recoverable error temporarily suspends logging until the RESUMELOG command is issued.

**Table 9-1. Log File Errors**

ERROR NO.	ERROR	RECOVERABLE?
1	Input/output error in accessing the system disk.	No
2	Input/output error in accessing disk log file.	No
21	data parity error.	No
26	Transmission error.	No
27	Input/output timeout.	No
28	data overrun.	No
29	SIO failure.	No
30	Unit failure.	No
46	Insufficient disk space to create log file.	Yes

**Table 9-2. Log File Errors (Continued)**

ERROR NO.	ERROR	RECOVERABLE?
47	Input/output error on file label.	No

**Table 9-2. Log File Errors (Continued)**

ERROR NO.	ERROR	RECOVERABLE?
57	Virtual memory not sufficient.	No
61	Group (PUB) disk space exceeded in creating log file.	Yes
62	Account (SYS) disk space exceeded in creating log file.	Yes
63	Group disk space exceeded in allocating new extent to the log file.	Yes
64	Account disk space exceeded in allocating new extent to the log file.	Yes
100	A file of the same name as the current log file already exists in the system file directory.	Yes
102	Directory input/output error.	No
103	System directory overflow.	No
105	Illegal variable block structure.	No

## Interpreting SYSGEN Messages and Error Codes

Three types of messages (informational, error, and warning) may occur during SYSGEN operations.

Informational messages indicate something out of the ordinary has happened. Do not take any action. SYSGEN continues normally.

Warnings are more serious. They indicate SYSGEN has encountered difficulties, but can handle the problem. Determine if any action should be taken. SYSGEN continues normally. Warnings follow the string, **\*\*warning\*\***.

Errors fall into two categories: fatal and nonfatal. Fatal errors make it impossible for SYSGEN to continue. In the case of a fatal error, the job control word (JCW) is set to SYSTEM.

Nonfatal errors are caused by user mistakes.

Both fatal and nonfatal errors follow the string **\*\*error\*\***. The "!" is replaced with actual information when you encounter the error.

### Input/Output (I/O) Configurator Messages

```
0375      MESSAGE      **note** Class !'s mode is now !
          ACTION
0401      MESSAGE      **warning** language localized string "NMMGR"
          CAUSE         too long
                   When this catalog was language localized, the string
                   "NMMGR" in message 350 was replaced with a string that
```



		is to long to fit into SYSGEN's I/O display format.
	ACTION	Contact your software representative responsible for maintaining system files.
0402	MESSAGE	<b>**warning**</b> Class ! is already associated with device !
	CAUSE	User is trying to add a class to a device more than once.
	ACTION	Use another class name or leave unchanged.
0403	MESSAGE	<b>**warning**</b> can't get NMMGR info for file !.
	CAUSE	Cross-validation error SYSGEN and NMMGR does not occur. This occurs when there is a problem with the remote configuration file, usually when set by the SYSDIR RDCC command. The file is missing elements, such as proper path information. Also, this message can be displayed when there is no remote configuration file. Related messages should appear.
	ACTION	It is possible you have entered the wrong file name or a configuration file that is no longer valid. Use the RDCC command in SYSDIR to designate the file with the proper remote configuration information. If you feel you have the proper file, recheck your remote configuration through NMMGR and cross-validate the file again with SYSGEN.
0404	MESSAGE	<b>**warning**</b> path doesn't exist
	CAUSE	The path that the user referenced doesn't exist.
	ACTION	If you think the path does exist, use the LPATH command to verify existing paths. If you are certain that the path you gave should exist, exit the I/O Configurator and use the Main Menu SHOW command to verify you are in the proper configuration. Enter a valid iopath.
0405	MESSAGE	<b>**warning**</b> class ! doesn't exist
	CAUSE	The class that the user referenced doesn't exist.
	ACTION	Enter the LCLASS command to display a list of current class names and the LDEVs assigned to each. Enter a valid class name.
0406	MESSAGE	<b>**warning**</b> no volumes left to list
	CAUSE	You have entered a volume name in the LVOL command that does not exist. SYSGEN has searched the list of volume names and has come to the end of the list.
	ACTION	Enter the LVOL command without the volume name parameter.
0407	MESSAGE	<b>**warning**</b> volume name does not exist
	CAUSE	This message appears with the preceding message when

**"Nonclass" Errors**

		<p>an LVOL is made for a volume name that does not exist. This message appears when you use the DVOL or MVOL command to delete or modify a volume and specify a volume name that does not exist.</p>
	ACTION	<p>Enter the LVOL command to see a list of existing volumes. Usually, the error occurs when the volume name is misspelled. If you are certain the volume name you entered should exist and doesn't, exit the I/O configurator and use the SHOW command to check that you are in the proper configuration group. Verify that the name hasn't been previously modified.</p>
0408	MESSAGE	<p><b>**warning**</b> Can't open offline list device--online used</p>
	CAUSE	<p>Usually, this error message appears when the printer has not been spooled out. The offline device, also, may be powered off or has been disconnected.</p>
	ACTION	<p>Inform your operations personnel that the offline device that you were attempting to use is unavailable. If the device has not been spooled, they are able to start spooling for you.</p>
0410	MESSAGE	<p><b>**warning**</b> class ! degraded to mode !</p>
	CAUSE	<p>The combination of devices that you have placed into the given class force all devices in that class to operate in a less than optimal manner. This is caused by combining unlike devices (for example, a tape drive and a printer) into the same class.</p>
	ACTION	<p>Although the devices still operate in the degraded mode, it is best to only put devices of a similar type into the same class. Review the named class and separate it into two classes.</p>
0411	MESSAGE	<p><b>**warning**</b> class ! is of mode !--user mode ignored</p>
	CAUSE	<p>Although the user requested a specific class mode for the given class, the devices in the class do not allow that mode. Instead, the mode displayed in the message is used.</p>
	ACTION	<p>If you feel that the class should accept the given mode, use the LCLASS command to determine that devices are in the class -- a device of a different type would cause the class to reject your chosen mode. Remove any such devices from the class.</p>
0414	MESSAGE	<p><b>**warning**</b> Not enough room for dcc devices in class !</p>
	CAUSE	<p>Each class may only contain a finite number of devices. For</p>

first release, this is 256. The total number of devices requested for the class by both SYSGEN and NMMGR is more than this number. When the system is rebooted, some or all of the DCC devices fail to be configured, rendering them unusable.

	ACTION	Change either the class name, or the number of devices in the class. This must be done in SYSGEN for local devices (those configured in SYSGEN), and in NMMGR for DCC devices (those configured in NMMGR).
0415	MESSAGE	<b>**warning**</b> docc devices in class ! degraded to mode !
	CAUSE	Attempting to share a class with NMMGR has caused the mode requested by NMMGR to be degraded to the given mode.
	ACTION	If you feel the class should accept NMMGR's mode, use the LCLASS command to determine that devices are in the class -- a device of a different type would cause the class to reject NMMGR's mode. Remove any such devices from the class, or change the class name that NMMGR is using by running NMMGR.
0416	MESSAGE	<b>**warning**</b> class ! won't accept dcc's mode of ! anymore
	CAUSE	In determining the mode of a class, devices configured by SYSGEN always take precedence. If a device is added to a class that is shared with NMMGR, and the new device causes the class to become incompatible with the DCC devices, the mode of the DCC devices is rejected. The DCC devices with the given class are not configured when the system is rebooted, rendering them inoperable.
	ACTION	Either remove the device that caused the incompatibility, or change the class name of the DCC device in NMMGR.
0417	MESSAGE	<b>**warning**</b> dcc devices degrade class ! to mode !
	CAUSE	Although the doc devices are able to share this class with SYSGEN, their presence degrades access to SYSGEN's devices.
	ACTION	Either change the class name of the DCC devices in NMMGR, or else remove any local devices from the class whose mode is not compatible with the DCC devices.
0418	MESSAGE	<b>**warning**</b> language localized string "USER" too long
	CAUSE	When this catalog was language localized, the string "USER" in message 351 was replaced with a string that is

**"Nonclass" Errors**

		<b>too long to fit into SYSGEN's I/O display format.</b>
	ACTION	<b>Contact your software personnel responsible for maintaining system files.</b>
0419	MESSAGE	<b>**warning** Class ! already exists</b>
	CAUSE	<b>User is trying to add class !, and it already exists.</b>
	ACTION	<b>To modify an existing class, use the MCLASS command.</b>
0420	MESSAGE	<b>**warning** Class ! already exists--class mode ignored</b>
	CAUSE	<b>When adding a device with ADEV, the mode of the class(es) specified may be given with the CMODE parameter; however, it is ignored if the class already exists.</b>
	ACTION	<b>Enter the LCLASS command to verify that the class exists and to verify that LDEVs are associated with the class name.</b>
0421	MESSAGE	<b>**warning** level parameter ignored--path parameter used instead.</b>
	CAUSE	<b>If both the LEVEL= and PATH= parameters are given in the LPATH command, only the PATH= parameter is used to determine that path to list.</b>
	ACTION	<b>None required.</b>
0422	MESSAGE	<b>**warning** mgrname parameter ignored--path parameter used instead.</b>
	CAUSE	<b>If both the MGR= and PATH= parameters are given in the LPATH command, only the PATH= parameter is used to determine that path to list.</b>
	ACTION	<b>None required.</b>
0425	MESSAGE	<b>**warning** The correct delimiter at this level is a "!"</b>
	CAUSE	<b>In specifying a path, all bus converters must be followed by a "/", while all other devices and adapters must be followed with a ".". SYSGEN knows what the appropriate delimiter is, and warns the user.</b>
	ACTION	<b>None required. SYSGEN replaces the incorrect delimiter.</b>
0426	MESSAGE	<b>Path (up to this level) changed to !</b>
	CAUSE	<b>Issued with previous to indicate what the correct path is.</b>
	ACTION	<b>None required. SYSGEN has replaced the incorrect delimiter.</b>
0430	MESSAGE	<b>**warning** iopath ! (from DCC) does not exist</b>

	CAUSE	The channel adapter (and possibly the bus converter(s) for the path given by NMMGR for either the DCC device adapter or the NM device adapter has not been defined in SYSGEN. This causes the configuration of the DCC devices to fail. This message also occurs when SYSGEN is being used to create a configuration for a system with devices at different addresses (for example, running SYSGEN on a 935 to create a 950 configuration).
	ACTION	If the configuration is intended for the current machine, add the appropriate channel adapter(s) and bus converter(s). If the configuration is intended for another machine, make sure that the channel adapters and bus converters are set up correctly for that machine. If you are also creating an NMMGR configuration for the target machine, SYSGEN can be told to use that configuration for validation purpose by issuing the RDCC command in the SYSGEN configurator.
0431	MESSAGE	<b>**warning**</b> path ! (from DCC) has a bad component (too large, or non-numeric)
	CAUSE	The path specified in NMMGR for either the DCC devices or the NS devices is invalid. It might be either too large, or nonnumeric.
	ACTION	Change the path from within NMMGR to be valid.
0432	MESSAGE	<b>**warning**</b> path name (from DCC) too long
	CAUSE	It is possible, though unlikely, that the path specified from within NMMGR is too long to fit into SYSGEN's data structures.
	ACTION	Shorten the path from within NMMGR.
0440	MESSAGE	<b>**warning**</b> OUTDEV must equal LDEV: Correct value used
	CAUSE	The output device must equal the input device for all terminal devices. The LDEV number entered on the ADEV or MDEV command is considered the input device for terminals.
	ACTION	None required. SYSGEN has used the correct value.
0441	MESSAGE	<b>**warning**</b> OUTDEV must be zero (0): Correct value used
	CAUSE	All devices except for terminals and the streams device(s) must have an output device of zero.
	ACTION	None required. SYSGEN has used the correct value.
1000	MESSAGE	<b>**error**</b> class ! already exists
	CAUSE	The class name you have entered already exists.

**"Nonclass" Errors**

	ACTION	Enter the <code>LCLASS</code> command to verify that the class exists and to verify that <code>LDEVs</code> are associated with the class name. If you were adding a class prior to adding a device, use the <code>ADEV</code> command to add the device and enter a name in the <code>CLASS=</code> parameter to associate the device with a class name (other than the system default).
1001	MESSAGE	<b>**error**</b> classname does not exist
	CAUSE	You are trying to delete or modify a class name that does not exist.
	ACTION	Use the <code>LCLASS</code> command to display existing class names and associated devices.
1002	MESSAGE	<b>**error**</b> new volume name already exists
	CAUSE	The volume name you are adding through the <code>AVOL</code> command or the name you designate as the new volume name through the <code>MVOL</code> command already exists.
	ACTION	Use the <code>LVOL</code> command to view existing volume names. Choose an unused volume name.
1003	MESSAGE	<b>**error**</b> can't read I/O volume configuration file
	CAUSE	<code>SYSGEN</code> cannot read the configuration data file <code>IOVOLP</code> . The program terminates.
	ACTION	Refer to the file system error for action to take.
1004	MESSAGE	<b>**error**</b> can't modify I/O volume configuration
	CAUSE	<code>SYSGEN</code> cannot read the configuration data file <code>IOVOLP</code> . The program terminates.
	ACTION	Refer to the file system error for action to take.
1005	MESSAGE	<b>**error**</b> volume name does not exist
	CAUSE	The volume name you try to list, modify or delete as the name designed in the volume parameter of the <code>LVOL</code> , <code>MVOL</code> , or <code>DVOL</code> command does not exist.
	ACTION	Use the <code>LVOL</code> command without a parameter to display all existing volume names. Choose an existing name for the modify or delete operation.
1006	MESSAGE	<b>**error**</b> can't add volume to I/O configuration
	CAUSE	<code>SYSGEN</code> cannot write the configuration data file <code>IOVOLP</code> . The program terminates.
	ACTION	Refer to the file system error for action to take.
1007	MESSAGE	<b>**error**</b> ldev ! is reserved for system

		console
	CAUSE	<b>The LDEV you chose to add through the ADEV or AVOL command or use as a new device number in the MDEV or MVOL command is the LDEV reserved for the system console.</b>
	ACTION	<b>Chose another unassigned LDEV for adding or modifying a local device or volume.</b>
1008	MESSAGE	**error** ldev is already assigned to configured volume
	CAUSE	<b>The LDEV you chose to add through the AVOL command or use as a new device in the MVOL command is already assigned to a configured volume.</b>
	ACTION	<b>Chose another unassigned LDEV for the new or modified volume.</b>
1009	MESSAGE	**error** can't read Ioldev configuration file
	CAUSE	<b>SYSGEN cannot read the configuration data file IOLDEVP. The program terminates.</b>
	ACTION	<b>Refer to the file system error for action to take.</b>
1010	MESSAGE	**error** can't read Ioclass configuration file
	CAUSE	<b>SYSGEN cannot read the configuration data file IOCLASSP. The program terminates.</b>
	ACTION	<b>Refer to the file system error for action to take.</b>
1011	MESSAGE	**error** can't reset Ioldev file
1012	MESSAGE	**error** can't reset Ioclass file
1013	MESSAGE	**error** can't reset Iovolume file
1015	MESSAGE	**error** A device can only have ! volume classes.
	CAUSE	<b>Too many volume classes have been assigned to a volume through the CLASS= parameter.</b>
	ACTION	<b>Limit the number of volume classes to the number that appears in the message.</b>
1016	MESSAGE	**error** A device can only have ! classes.
	CAUSE	<b>Too many classes have been assigned to an LDEV through the CLASS= parameter.</b>
	ACTION	<b>Limit the number of classes to the number that appears in the message.</b>
1017	MESSAGE	**error** can't write to Ioldev configuration

**"Nonclass" Errors**

		file
1018	MESSAGE	<b>**error**</b> unknown device type
	CAUSE	<b>The device type entered in the TYPE= parameter is unsupported, or incorrectly specified.</b>
	ACTION	<b>Verify the type has been entered correctly, and is an HP-supported device. The file IODFAULT.PUB.SYS contains all currently supported devices. If your device is not in IODFAULT, you must add it as a USER device. Hewlett-Packard only supports devices in the IODFAULT file.</b>
1019	MESSAGE	<b>**error**</b> device mode too long
1020	MESSAGE	<b>**error**</b> illegal device mode for this device
	CAUSE	<b>The device mode entered in the MODE= parameter is not appropriate for this particular device.</b>
	ACTION	<b>Enter an appropriate mode. If necessary, check the IODFAULT file for permissible modes.</b>
1021	MESSAGE	<b>**error**</b> This device is not supported.
	CAUSE	<b>You have entered a product identification that does not exist in IODFAULT.PUB.SYS. Usually, the error is a simple entry mistake.</b>
	ACTION	<b>Enter the proper Hewlett-Packard product IDs. If necessary, check for supported product IDs.</b>
1022	MESSAGE	<b>**error**</b> iopath level mismatch
	CAUSE	<b>In specifying the MADDRESS command, the paths of the FROM= and TO= parameters have different levels, for example, MA 8.4.8 4.2. Usually, an entry mistake.</b>
	ACTION	<b>Correct the path entry</b>
1023	MESSAGE	<b>**error**</b> can't find record in Ioldev configuration file
	CAUSE	<b>SYSGEN cannot find a particular record in the configuration data file. The program terminates.</b>
	ACTION	<b>Refer to the file system error for action to take.</b>
1024	MESSAGE	<b>**error**</b> # new devices must watch # old devices
1025	MESSAGE	<b>**error**</b> can't update record in Ioldev configuration file
1026	MESSAGE	<b>**error**</b> can't open I/O default file
1027	MESSAGE	<b>**error**</b> iopath already exists
1029	MESSAGE	<b>**error**</b> missing physical file for physical



```
manager
1030 MESSAGE **error** missing physical manager for
physical file
1031 MESSAGE **error** missing logical file for logical
manager
1032 MESSAGE **error** missing logical manager for logical
file
1034 MESSAGE **error** iopath does not exist
1037 MESSAGE **error** manage ! is not in the
configuration
1038 MESSAGE **error** physical manager does not exist.
1039 MESSAGE **error** logical manager does not exist
1040 MESSAGE **error** can't write to Iopath configuration
file
1041 MESSAGE **error** can't delete I/O path.
1042 MESSAGE **error** can't find record in Iopath
configuration file
1043 MESSAGE **error** can't update Iopath configuration
file
1044 MESSAGE **error** can't read from Iopath
configuration file
1045 MESSAGE **error** can't open I/O default file
1046 MESSAGE **error** I/O default file does not exist
1047 MESSAGE **warning** ldev ! already has ! classnames.
1048 MESSAGE class '!' cannot be added to it.
1049 MESSAGE **error** iopath must be added in an
hierarchical order
1050 MESSAGE I/O path specified has pending devices.
1051 MESSAGE Want to delete all of them (yes/no) ?
1052 MESSAGE ** no iopath is deleted **
1053 MESSAGE **error** this iopath has no logical device
manager
1054 MESSAGE **error** manager '!' currently used.
1055 MESSAGE it cannot be deleted
1056 MESSAGE **error** ldev is not yet configured
1057 MESSAGE **error** ldev is not a disc
1058 MESSAGE **error** ldev ! is configured as a system
```

**"Nonclass" Errors**

		volume.
1059	MESSAGE	it cannot be deleted
1060	MESSAGE	<b>**error**</b> ldev ! already exists
1061	MESSAGE	<b>**warning**</b> ldev ! does not exist
1062	MESSAGE	it must be replaced with a disc type device
1063	MESSAGE	<b>**error**</b> iopath is currently referenced by a configured ldev
1064	MESSAGE	it cannot be deleted
1065	MESSAGE	<b>**error**</b> iopath ! is currently referenced by a configured ldev
1066	MESSAGE	<b>**error**</b> ldev ! must be the system disc
1067	MESSAGE	<b>**error**</b> ldev ! must be the system console
1069	MESSAGE	<b>**error**</b> invalid mode parameter
1071	MESSAGE	<b>**error**</b> iopath is already assigned
1072	MESSAGE	<b>**error**</b> please specify an associated manager
1076	MESSAGE	<b>**error**</b> iopath ! does not exist
1077	MESSAGE	<b>**error**</b> can't delete system console
1078	MESSAGE	<b>**error**</b> can't delete system disc
	CAUSE	<b>You are attempting to delete the system disk through the DDEV command by referencing its LDEV number, product identification, or class. The system volume (MASTER) cannot be deleted from the configuration.</b>
	ACTION	<b>Reenter the command, if you want to delete a device other than the system disk or another system volume (MEMBERx), without referencing a configured disc's LDEV, product identification, or class.</b>
1079	MESSAGE	<b>**error**</b> can't delete system tape drive
	CAUSE	<b>You are attempting to delete the system tape drive through DDEV command by referencing its LDEV number, product identification, or class.</b>
	ACTION	<b>Reenter the command, if you want to delete a device other than the system tape drive.</b>
1080	MESSAGE	<b>**error**</b> must specify volume member name
	CAUSE	<b>The VNAME parameter is omitted from the DVOL, MVOL, or AVOL command.</b>
	ACTION	<b>Specify a volume name.</b>

1081	MESSAGE	<b>**error**</b> ldev ! is already configured as the system master volume
	CAUSE	<b>You are attempting to add a device with an LDEV that has already been configured as the system master volume.</b>
	ACTION	<b>Assign the device to another LDEV.</b>
1082	MESSAGE	<b>**error**</b> can't delete the system master volume
	CAUSE	<b>You are attempting to delete the system master volume that is not allowed.</b>
	ACTION	<b>Reenter the command, if you want to delete a device other than the system master volume or any other system member volume (MEMBERx), without referencing a configured system's LDEV, product identification, or class.</b>
1083	MESSAGE	<b>**error**</b> can't modify this parameter of the system master volume
	CAUSE	<b>You are attempting to modify a parameter of the system master volume's identification and control elements that is fixed and protected by the system.</b>
	ACTION	<b>Reenter the command if you wish to modify a nonprotected parameter.</b>
1087	MESSAGE	<b>**error**</b> this path has an associated ldev
	CAUSE	<b>This message occurs when the iopath you attempt to delete or modify has a configured device or a sublevel contains a device that would be deleted.</b>
	ACTION	<b>Use the LPATH command and LEVEL= parameter to list paths and associated devices. Base your action on the information.</b>
1188	MESSAGE	<b>**error**</b> Can't read from default file
	CAUSE	<b>SYSGEN, for whatever reason, cannot read the default configuration file IODFAULT.PUB.SYS. Program dies.</b>
	ACTION	<b>Refer to the file system error for action to take.</b>
1090	MESSAGE	<b>**error**</b> outdev is too long
	CAUSE	<b>This message appears when you enter a value that is too long for the OUTDEV= parameter, or one that has been added to IODFAULT.PUB.SYS.</b>
	ACTION	<b>Enter a new value of acceptable length. Contact the software personnel responsible for maintaining the system file.</b>
1091	MESSAGE	<b>**error**</b> manager name is too long

**"Nonclass" Errors**

	CAUSE	The manager name that you entered exceeds the acceptable number of characters for the string.
	ACTION	Enter a shorter name for your manager name.
1092	MESSAGE	<b>**error**</b> bad default file
	CAUSE	There is a problem with the default configuration file IODFAULT.PUB.SYS. The file has been edited and an error has occurred. SYSGEN does not accept the device operation.
	ACTION	Contact the software personnel responsible for updating and maintaining this file.
1093	MESSAGE	<b>**error**</b> default file records too long
	CAUSE	A device has been added to the IODFAULT.PUB.SYS file, and the entry of one or more records exceeds the acceptable maximum. SYSGEN does not accept the device operation.
	ACTION	Contact the software personnel responsible for updating and maintaining this file.
1094	MESSAGE	<b>**error**</b> name too long in default file
	CAUSE	The device name, manager, or mode entry added to IODFAULT.PUB.SYS is too long. SYSGEN does not accept the device operation.
	ACTION	Contact the software personnel responsible for updating and maintaining this file.
1095	MESSAGE	<b>**error**</b> invalid integer in default file
	CAUSE	An invalid numeric value has been added to IODFAULT.PUB.SYS. SYSGEN does not accept the device operation.
	ACTION	Contact the software personnel responsible for updating and maintaining this file.
1096	MESSAGE	<b>**error**</b> couldn't write to internal default file
	CAUSE	For whatever reason, SYSGEN cannot write the device information to the internal default file. Program dies.
	ACTION	See the file system error for the action to take.
1097	MESSAGE	<b>**error**</b> nonexistent volume: !
	CAUSE	The volume name entered is not recognized by the system. (Misspelled?)
	ACTION	Correct and reenter the command.
1100	MESSAGE	<b>**error**</b> path ! has no periods in it

	CAUSE	The referenced path has been improperly entered. SYSGEN requires periods as separators in the path definition to be able to check the components in the path.
	ACTION	Reenter the path specification.
1101	MESSAGE	**error** path ! ends in a period
	CAUSE	The referenced path is incomplete and ends in a period, or has an extra period.
	ACTION	Reenter the path for the operation.
1102	MESSAGE	**error** path ! has a bad component (too large, or non-numeric)
	CAUSE	The iopath that you entered contains an alphabetic or special symbol, a number that is too large, or some other entry that cannot be recognized.
	ACTION	Reenter the path.
1103	MESSAGE	**error** path name too long
	CAUSE	The path you have entered has too many levels.
	ACTION	Reenter the path.
1104	MESSAGE	**error** path ! already exists.
	CAUSE	You are trying to add a path or device that already exists.
	ACTION	Use the LPATH command and necessary level to list the existing paths. If necessary, use the LDEV command to list associated devices.
1105	MESSAGE	**error** mode 'NONE' can't be used with other modes
	CAUSE	The device mode NONE cannot be used with other modes when more than one mode is assigned to a device.
	ACTION	Either add or modify the device and assign NONE as the only mode or enter the proper modes.
1106	MESSAGE	**error** % permanent + % transient must be at least 100 percent
	CAUSE	The total amount of permanent and transient space assigned to a volume must be at least 100 percent.
	ACTION	Increase either the transient or permanent percentage until the sum is 100 percent.
1107	MESSAGE	**error** Class name ! is too long.
	CAUSE	The class name entered exceeds either characters.
	ACTION	Reduce the number of characters in the class name.
1109	MESSAGE	**warning** SYSGEN and NMMGR configuration

**"Nonclass" Errors**

		conflict!
	CAUSE	<b>There is a conflict between SYSGEN's local configuration and NMMGR's remote configuration. This can occur over LDEVs, classes, and iopaths. SYSGEN displays a subsequent message as to the specific problem.</b>
	ACTION	<b>If the conflicts are not resolved through either the local or remote configuration, the conflicting NMMGR devices, classes, or paths are discarded. In this case, several devices can be removed from the network configuration. Resolve the conflicts either through SYSGEN or NMMGR.</b>
1115	MESSAGE	keep configuration anyway (yes/no)?
	CAUSE	<b>Some error has occurred, but SYSGEN is giving you the option to either save the work you have done or discard the changes and start over.</b>
	ACTION	<b>Enter YES if you wish to save, or NO if not.</b>
1116	MESSAGE	<b>**error** can't delete NMMGR devices from SYSGEN</b>
	CAUSE	<b>You are attempting to delete a device assigned by NMMGR. SYSGEN cannot add, delete, or modify NMMGR devices.</b>
	ACTION	<b>Delete the device through NMMGR.</b>
1118	MESSAGE	<b>**error** can't update iovol file</b>
	CAUSE	<b>For whatever reason, SYSGEN cannot update the IPVOLP configuration data file. Program dies.</b>
	ACTION	<b>Refer to the file system error for the action to take.</b>
1121	MESSAGE	<b>**error** Bad device number (!) in ioldev file</b>
	CAUSE	<b>The LDEV number found in the file does not fit into a 16-bit integer field.</b>
	ACTION	<b>Return to a known good set of configuration files.</b>
1122	MESSAGE	<b>**error** can't delete NMMGR classes from SYSGEN</b>
	CAUSE	<b>Classes with the type NMMGR are displayed for reference only and cannot be changed or deleted through SYSGEN.</b>
	ACTION	<b>Run NMMGR to remove the class.</b>
1123	MESSAGE	<b>**error** can't write ioclass file</b>
	CAUSE	<b>FWRITE failed to write to IOCLASSP file.</b>
	ACTION	<b>Refer to file system message, also returned.</b>
1124	MESSAGE	<b>**error** SYSGEN and NMMGR are both using</b>

		class !
1125	MESSAGE	<b>**error**</b> SYSGEN and NMMGR are both using ldev !
	CAUSE	There is an LDEV conflict between SYSGEN's local configuration and NMMGR's remote configuration. SYSGEN displays a subsequent message as to the specific problem. For example, SYSGEN and NMMGR are both using LDEV 38.
	ACTION	Change the LDEV for either the SYSGEN device through the I/O configurator or the NMMGR device. If the LDEV is not changed, SYSGEN's device is used, and the remote device is logically removed from the overall configuration.
1126	MESSAGE	<b>**error**</b> SYSGEN and NMMGR are both using path !
	CAUSE	There is a path conflict between SYSGEN's local configuration and NMMGR's remote configuration. SYSGEN displays a subsequent message as to the specific problem. For example, SYSGEN and NMMGR are both using LDEV 38.
	ACTION	Change the path for either the SYSGEN device through the I/O configurator or NMMGR. If the path is not changed, SYSGEN's device is used and the remote device is logically removed from the overall configuration.
1127	MESSAGE	<b>**error**</b> FFIND failed on iopath file
	CAUSE	SYSGEN has encountered an internal system error in attempting to initialize the processing of the iopath configuration file.
	ACTION	Contact the software personnel responsible for updating and maintaining these files.
1130	MESSAGE	<b>**error**</b> can't change path ! to !
	CAUSE	The iopath you are modifying as the TO= parameter already exists and has an assigned device, or does not exist and needs to be added in hierarchical order. The iopaths entered as FROM= and TO= are in conflict.
	ACTION	As this normally occurs from an entry mistake, reenter the proper path(s); otherwise, use the APATH command to add the iopath structure.
1131	MESSAGE	<b>**warning**</b> path not changed for ldev !
	CAUSE	The iopath for the device referenced cannot be changed to the new path, for whatever reason.
	ACTION	Enter a new iopath that exists and does not have an assigned device or use the APATH command to add the

**"Nonclass" Errors**

		<b>iopath structure in proper level sequence.</b>
1133	MESSAGE	<b>**error**</b> can't delete NMMGR paths from SYSGEN
	CAUSE	An NMMGR path, once defined through NMMGR and set through the SYSGEN RDCC command, cannot be deleted through the I/O configurator DPATH command.
	ACTION	None.
1134	MESSAGE	<b>**error**</b> can't change NMMGR paths from SYSGEN
	CAUSE	An NMMGR path, once defined through NMMGR and set through the SYSGEN RDCC command, cannot be modified through the I/O configurator MPATH command.
	ACTION	None.
1135	MESSAGE	NMMGR path ! is incomplete
	CAUSE	Usually, this is caused by setting an improper file as the remote configuration file through the SYSGEN configurator RDCC command. Currently, the message reads NMMGR path 9.0 is incomplete.
	ACTION	Through RDCC, designate a valid remote configuration file.
1136	MESSAGE	<b>**error**</b> Volume configuration is corrupted!
	CAUSE	The permanent configuration data file IOVOLP contains an error as displayed. The error occurs from the previous configuration KEEP or through an improper addition to IODFAULT.PUB.SYS. Specific details are in subsequent messages.
	ACTION	Contact the software personnel responsible for updating and maintaining these files.
1137	MESSAGE	ldev ! is invalid
	CAUSE	This message furnishes the LDEV identity of the previous volume configuration corruption message.
	ACTION	See the volume configuration corruption message.
1138	MESSAGE	!% transient is invalid
	CAUSE	This message gives the transient percentage of the previous volume configuration corruption message.
	ACTION	See the volume configuration corruption message.
1139	MESSAGE	!% permanent is invalid
	CAUSE	This message gives the permanent percentage of the previous volume configuration corruption message.



	ACTION	See the volume configuration corruption message.
1140	MESSAGE	<b>**error**</b> Ldev configuration is corrupted!
	CAUSE	The permanent configuration data file IOLDEV is corrupted. The problem is the record size, that was probably assigned through the previous configuration change or through an improper addition to IODFAULT.PUB.SYS.
	ACTION	Contact the software personnel responsible for updating and maintaining these files.
1141	MESSAGE	rsize ! is invalid
	CAUSE	This message, following the LDEV configuration corruption gives the record size in question.
	ACTION	Go back to a known good configuration. If the problem recurs, contact SE.
1142	MESSAGE	<b>**error**</b> Path configuration is corrupted!
	CAUSE	The permanent configuration data file IOPATH contains an error as displayed. The error occurs from the previous configuration KEEP or through an improper addition to IODFAULT.PUB.SYS. Specific details are in additional messages.
	ACTION	Contact the software personnel responsible for updating and maintaining these files.
1143	MESSAGE	physical manager priority of ! is invalid
	CAUSE	This message gives the physical manager's priority, that is being questioned.
	ACTION	See the path configuration corruption message above.
1144	MESSAGE	! max. expected concurrent I/Os is invalid
	CAUSE	This message gives the maximum number of concurrent I/Os, that is being questioned.
	ACTION	See the path configuration corruption message above.
1145	MESSAGE	<b>**error**</b> Class configuration is corrupted!
	CAUSE	The number of DCC devices field has been corrupted in IOCLASSP.
	ACTION	Go back to a known good configuration. If problem recurs, contact SE.
1146	MESSAGE	<b>**error**</b> USER device requires all parameters!
	CAUSE	You have omitted one or more parameters.
	ACTION	Reenter command with all parameters.

**"Nonclass" Errors**

1147	MESSAGE	<b>**error**</b> Can't change to id=!
	CAUSE	<b>You cannot change the ID to this value. Most often USER.</b>
	ACTION	<b>Reenter command with proper ID= parameter.</b>
1150	MESSAGE	<b>**error**</b> Can't seek to beginning of ioclass file
	CAUSE	<b>SYSGEN encountered an internal system error in attempting to initialize the ioclass configuration file for processing.</b>
	ACTION	<b>Contact the software personnel responsible for updating and maintaining these files.</b>
1153	MESSAGE	<b>**error**</b> Couldn't determine appropriate class mode for ldev !
	CAUSE	<b>SYSGEN has encountered an internal system error in attempting to obtain the class and mode from the ioclass configuration file.</b>
	ACTION	<b>Contact the software personnel responsible for updating and maintaining these files.</b>
1154	MESSAGE	<b>**error**</b> Class ! can't accept ldev !--incompatible modes
	CAUSE	<b>You have attempted to include a device whose mode is incompatible with the other devices in this class.</b>
	ACTION	<b>Reenter the command without the device under question.</b>
1155	MESSAGE	<b>**error**</b> Class ! can't accept mode !
	CAUSE	<b>You have attempted to add a mode that is incompatible with some or all the devices in this class.</b>
	ACTION	<b>Review the conflict and reenter the command with the proper MODE= parameter.</b>
1156	MESSAGE	<b>**error**</b> Too many devices in class !--device not added
	CAUSE	<b>A device class can only hold so many devices--currently 255.</b>
	ACTION	<b>Remove other devices from class, or create a new class.</b>
1157	MESSAGE	<b>**error**</b> class info is corrupt (class !)
	CAUSE	<b>The records of the IOCLASS configuration file, that contains the information for this LDEV, is corrupted.</b>
	ACTION	<b>Contact the software personnel responsible for updating and maintaining these files.</b>
1158	MESSAGE	<b>**error**</b> Class VTERM is reserved
	CAUSE	<b>You cannot assign this name to a class. The system has</b>

		reserved its usage for a special purpose.
	ACTION	Reenter the command with another name for the class.
1159	MESSAGE	<b>**error**</b> Class ! is reserved and cannot be deleted
	CAUSE	You have attempted to delete a class that the system has reserved for its special purpose.
	ACTION	None.
1160	MESSAGE	<b>**error**</b> Class ! is reserved and cannot be changed
	CAUSE	You have attempted to modify a class that the system has reserved for its own special purpose.
	ACTION	None.
1161	MESSAGE	<b>**error**</b> Can't create class ! with mode !--class not added
	CAUSE	You have attempted to create a class with an inconsistent mode. SYSGEN does not accept the class operation.
	ACTION	Review the conflict and reenter the command with the proper mode.
1162	MESSAGE	<b>**error**</b> ldev ! does not exist
	CAUSE	You have attempted to add an LDEV to this class that does not exist.
	ACTION	Reenter command with a proper LDEV number.
1163	MESSAGE	<b>**error**</b> class file or DCC mode bad--mode is !
	CAUSE	SYSGEN's class file is in conflict with NMMGR's configuration file. The displayed mode is in question.
	ACTION	Contact software personnel responsible for updating and maintaining these configuration files.
1164	MESSAGE	<b>**error**</b> Can't remove class ! from device !
	CAUSE	You are attempting to delete a class from a device, that could cause the system not to be able properly determine its function.
	ACTION	Contact software personnel responsible for updating and maintaining this file.
1165	MESSAGE	<b>**error**</b> mpe type only configurable for USER devices
	CAUSE	These device types are only associated with the 'classic' 16-bit HP 3000 systems and are honored only to support those programs ported over from those systems. Therefore,

**"Nonclass" Errors**

		<b>they are restricted to USER devices.</b>
	ACTION	<b>Assigned to USER devices or contact software personnel who is responsible for maintaining these file for advice.</b>
1166	MESSAGE	<b>**error** mpe subtype only configurable for USER devices</b>
	CAUSE	<b>These device subtypes are only associated with the 'classic' 16-bit HP 3000 systems and are honored only to support those programs ported over from those systems. Therefore, they are restricted to USER devices.</b>
	ACTION	<b>Assigned to USER devices or contact software personnel who is responsible for maintaining these file for advice.</b>
1167	MESSAGE	<b>**error** MODE=NLIO not configurable for this device</b>
	CAUSE	<b>Setting MODE equal to NLIO is allowed only for printers and terminals. You probably set it for a different device.</b>
	ACTION	<b>Check the configuration and specify an appropriate device.</b>
1170	MESSAGE	<b>**error** Use the adev command to add devices</b>
	CAUSE	<b>You have attempted to add a device that has not been defined through the parameters to this command.</b>
	ACTION	<b>Add the device prior to using this command.</b>
1171	MESSAGE	<b>**error** Can't change this path to be a device</b>
	CAUSE	<b>You have attempted to change a path designation to be a device. SYSGEN does not accept the operation.</b>
	ACTION	<b>None.</b>
1172	MESSAGE	<b>**error** Can't change ldevs to paths or paths to ldevs</b>
	CAUSE	<b>You have attempted to interchange LDEVs and paths. SYSGEN does not accept the operation.</b>
	ACTION	<b>Reenter the command with the proper parameters.</b>
1173	MESSAGE	<b>**error** Use the mdev command to modify devices</b>
	CAUSE	<b>You have attempted to change some of the device configuration elements within this command. SYSGEN does not accept the operation.</b>
	ACTION	<b>None.</b>
1180	MESSAGE	<b>**error** OUTDEV invalid</b>
	CAUSE	<b>You have attempted to designate a device that is incompatible with OUTDEV requirements. SYSGEN does</b>

not accept the operation.

ACTION Reenter the command with the proper device.

### Miscellaneous (MISC) Configurator Messages

0500	MESSAGE	**warning** # of rins must be at least !--misc value changed.
	CAUSE	<b>You have requested a number of RINs that is below the minimum.</b>
	ACTION	<b>Reenter the command with the minimum value.</b>
0501	MESSAGE	**warning** # of global rins must be at least !--misc value changed.
	CAUSE	<b>You have requested a number global RINs that is less than the minimum.</b>
	ACTION	<b>Reenter the command with the minimum value.</b>
0502	MESSAGE	**warning** rin ! does not exist
	CAUSE	<b>You have entered a RIN that the system does not recognize.</b>
	ACTION	<b>Reenter the command with the proper RIN.</b>
0503	MESSAGE	**warning** Unless you've made a tape, any rins
	CAUSE	<b>This warning is to let you know that the deleted RINs only disappear upon a system update.</b>
	ACTION	<b>Create boot tape and update the system.</b>
0504	MESSAGE	you've deleted will no longer be deleted.
	CAUSE	<b>This is the second half of message above.</b>
	ACTION	<b>None.</b>
0510	MESSAGE	**warning** default NM stack size cannot be greater than maximum.
	CAUSE	<b>You have requested a default native mode stack size that is greater than the specified maximum value.</b>
	ACTION	<b>Either reenter the command with a valid stack size or set to the maximum.</b>
0511	MESSAGE	**warning** default CM stack size cannot be greater than maximum.
	CAUSE	<b>You have requested a default compatibility mode stack size that is greater than the specified maximum value.</b>
	ACTION	<b>Either reenter the command with a valid stack size or set to the maximum.</b>

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0512	MESSAGE	<b>**warning**</b> default HEAP size cannot be greater than maximum.
	CAUSE	<b>You have requested a default heap size greater than the specified maximum value.</b>
	ACTION	<b>Either reenter the command with a valid heap size or set to the maximum.</b>
0514	MESSAGE	fault reduced to !
	CAUSE	<b>This message displays resulting default for message above.</b>
	ACTION	<b>None.</b>
0523	MESSAGE	<b>**warning**</b> DEFAULT NM STACK must be a multiple of 4096. New value is !.
	CAUSE	<b>The nm parameter must be a multiple of 4096 (page_size).</b>
	ACTION	<b>SYSGEN has rounded DEFAULT NM STACK up to next multiple of 4096. No further action required.</b>
0524	MESSAGE	<b>**warning**</b> MAXIMUM NM STACK must be a multiple 4096. New value is !.
	CAUSE	<b>The maxnm parameter must be a multiple of 4096 (page_size).</b>
	ACTION	<b>SYSGEN has rounded MAXIMUM NM STACK up to next multiple of 4096. No further action required.</b>
0525	MESSAGE	<b>**warning**</b> DEFAULT HEAP must be a multiple of 4096. New value is !.
	CAUSE	<b>The heap parameter must be a multiple of 4096 (page_size).</b>
	ACTION	<b>SYSGEN has rounded DEFAULT HEAP up to next multiple of 4096. No further action required.</b>
0526	MESSAGE	<b>**warning**</b> MAXIMUM NM HEAP must be a multiple of 4096. New value is !.
	CAUSE	<b>The maxheap parameter must be a multiple of 4096 (page_size).</b>
	ACTION	<b>SYSGEN has rounded MAXIMUM NM HEAP up to next multiple of 4096. No further action required.</b>
1000	MESSAGE	<b>**error**</b> can't read MISC configuration data
	CAUSE	<b>SYSGEN encountered an error in trying to read the miscellaneous configuration data file.</b>
	ACTION	<b>Refer to the file system error.</b>
1001	MESSAGE	<b>**error**</b> system ID too long
	CAUSE	<b>You have entered a system ID that has too many</b>

		characters. The limit is eight.
	ACTION	Reenter the command with the proper system ID value.
1005	MESSAGE	**error** can't display parameter ! in misc display table
	CAUSE	<b>SYSGEN has encountered an error in trying to display this parameter from the miscellaneous configuration data file.</b>
	ACTION	Contact software personnel responsible for updating and maintaining these files.
1007	MESSAGE	**error** prompt too long
	CAUSE	<b>You have requested a string for the prompt that has too many characters for the configuration file entry.</b>
	ACTION	Reenter the command with a shorter string.
1008	MESSAGE	**error** Can't get an extra data segment for rin table
	CAUSE	Same as message.
	ACTION	Refer to system error message for action.
1009	MESSAGE	**error** Can't initialize extra data segment for rin table
	CAUSE	<b>SYSGEN has encountered an internal system error in attempting to initialize the new space granted for RIN table expansion.</b>
	ACTION	Refer to system or file system error for action.
1010	MESSAGE	**error** Can't list rins
	CAUSE	<b>SYSGEN has encountered a system error in trying to list the RINs as requested.</b>
	ACTION	Refer to system error or file system error message for the action to undertake.
1011	MESSAGE	**error** Can't alter extra data segment for rin table
	CAUSE	<b>SYSGEN has encountered an internal system error in trying to make changes in the new area of the RIN table.</b>
	ACTION	Refer to system error message for the action.
1012	MESSAGE	**error** Can't read from extra data segment for rin table
	CAUSE	<b>SYSGEN has encountered a system error in trying to read the RIN table in trying to process your command.</b>
	ACTION	Refer to the system or file system error for the action.

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1013	MESSAGE	<b>**error**</b> Can't free extra data segment for rin table
	CAUSE	<b>SYSGEN has encountered a system error in trying to release a portion of the RIN table in trying to process your command.</b>
	ACTION	<b>Refer to the system error for the action.</b>
1014	MESSAGE	<b>**error**</b> Can't get rin table size from extra data segment
	CAUSE	<b>SYSGEN has encountered as error in trying to obtain the RIN table size while processing your command.</b>
	ACTION	<b>Refer to the system error for action.</b>
1020	MESSAGE	<b>**error**</b> can't write MISC configuration data
	CAUSE	<b>SYSGEN has encountered an error while trying to write to the miscellaneous configuration data file.</b>
	ACTION	<b>Refer to the system or file systems error for action.</b>
1021	MESSAGE	<b>**error**</b> Only the factory can change this.
	CAUSE	<b>You have attempted to change an item in the miscellaneous configuration data that is reserved for factory maintenance.</b>
	ACTION	<b>None.</b>
1025	MESSAGE	<b>**error**</b> sysprompt string in MISC configuration corrupt!
	CAUSE	<b>SYSGEN has encountered an error in trying to obtain the system prompt string value.</b>
	ACTION	<b>Contact software personnel responsible for updating and maintaining these files.</b>
1026	MESSAGE	<b>**error**</b> ciprompt string in MISC configuration corrupt!
1030	MESSAGE	<b>**error**</b> configuration files incompatible with this version of SYSGEN
1031	MESSAGE	SYSGEN version = ! Config files version = !

**Logging (LOG) Configurator Messages**

0500	MESSAGE	<b>**warning**</b> of logging processes is smaller than LID table.
	CAUSE	<b>Reducing the value of <i>nlogprocs</i> below what is currently used the LID table to be rebuilt from scratch, losing any current logging IDs (only effect if UPDATE CONFIG or INSTALL done with tape made from this config).</b>
	ACTION	<b>If you want logging IDs preserved, raise the value.</b>



Otherwise, ignore it.

0501	MESSAGE	LID table on tape will be empty!
1000	MESSAGE	<b>**error**</b> can't read LOG configuration data
	CAUSE	<b>SYSGEN</b> cannot read the configuration data file LOGP for whatever reason. Program dies.
	ACTION	Refer to the file system error for action to take.
1001	MESSAGE	<b>**error**</b> can't write LOG configuration data
	CAUSE	<b>SYSGEN</b> cannot write the configuration data file LOGP for whatever reason. Program dies.
	ACTION	Refer to the file system error for action to take.

### **System File (SYSFILE) Configurator Messages**

0201	MESSAGE	<b>**warning**</b> boot image ! not deleted
	CAUSE	The boot image cannot be replaced or deleted.
	ACTION	None for system manager normally. Should be handled by personnel with programming or SYSFILEP file maintenance responsibilities.
0202	MESSAGE	<b>**warning**</b> File not an IPL file. Include anyway?
0204	MESSAGE	<b>**warning**</b> no NMCONFIG file in this configuration
	CAUSE	A remote configuration file has not been designated through the SYSFILE RDCC command. SYSGEN uses the default NMCONFIG.PUB.SYS file if it exists.
	ACTION	Enter a remote configuration file name through RDCC in the SYSFILE Configurator. If a remote configuration does not exist, create one through NMMGR.
0205	MESSAGE	<b>**warning**</b> ! is now the NMCONFIG file
	CAUSE	This message is issued with the prior message, indicating the default remote configuration file that is used. Usually, NMCONFIG.PUB.SYS is now the NMCONFIG file appears.
	ACTION	If you want a different remote configuration file used, designate the file through the SYSFILE configurator RDCC command.
1000	MESSAGE	<b>**error**</b> can't create temporary segment file
1001	MESSAGE	<b>**error**</b> can't initialize temporary segment file
1002	MESSAGE	<b>**error**</b> can't write to temporary segment file

**"Nonclass" Errors**

1003	MESSAGE	<b>**error**</b> You must specify a CM SL first
1004	MESSAGE	<b>**error**</b> can't find system program file
	CAUSE	<b>Nonexistent file, misspelled name, and so on.</b>
1005	MESSAGE	<b>**error**</b> segment name already exists
1006	MESSAGE	<b>**error**</b> can't create temporary CM SL
1007	MESSAGE	<b>**error**</b> can't open system SL
1008	MESSAGE	<b>**error**</b> can't update system file configuration
	CAUSE	<b>SYSGEN cannot update the SYSFILE for whatever reason. The program dies.</b>
	ACTION	<b>Refer to the file system error for action to take.</b>
1009	MESSAGE	<b>**error**</b> can't read from system SL
1010	MESSAGE	<b>**error**</b> can't write to temporary SL
1011	MESSAGE	<b>**error**</b> can't delete system file
1012	MESSAGE	<b>**error**</b> can't find system file --!
	CAUSE	<b>Nonexistent file, misspelled, and so on.</b>
1013	MESSAGE	<b>**error**</b> can't add record to system file configuration
	CAUSE	<b>SYSGEN cannot add record to SYSFILE for whatever reason. The program dies.</b>
1014	MESSAGE	<b>**error**</b> can't add segment "!" to temporary SL
1015	MESSAGE	<b>**error**</b> command rejected by segmenter
1016	MESSAGE	<b>**error**</b> command conditionally accepted by segmenter
1017	MESSAGE	<b>**error**</b> illegal calling sequence in segmenter
1018	MESSAGE	<b>**error**</b> unable to create segmenter process
1019	MESSAGE	<b>**error**</b> unable to activate segmenter process
1020	MESSAGE	<b>**error**</b> unable to send mail to segmenter process
1021	MESSAGE	<b>**error**</b> unable to receive mail from segmenter process
1022	MESSAGE	<b>**error**</b> segmenter process aborted
1023	MESSAGE	<b>**error**</b> can't delete segment "!" from temporary SL

1024	MESSAGE	<b>**error**</b> can't find system catalog
	CAUSE	<b>Nonexistent system catalog, misspelled, and so on.</b>
1025	MESSAGE	<b>**error**</b> can't read from Sysfile configuration file
	CAUSE	<b>SYSGEN cannot read from SYSFILEP for whatever reason. The program dies.</b>
	ACTION	<b>Refer to the file system error for action to take.</b>
1026	MESSAGE	<b>**error**</b> file ! does not exists
	CAUSE	<b>Nonexistent file.</b>
	ACTION	<b>Check file spelling. Use name of file that exists.</b>
1027	MESSAGE	<b>**error**</b> system program already exists
	CAUSE	<b>Trying to add program file that has already been added, (possibly as a boot file, or other type).</b>
	ACTION	<b>Do a SHOW SYSFILE to determine what it is.</b>
1028	MESSAGE	<b>**error**</b> NM library already exists
1029	MESSAGE	<b>**error**</b> CM SL is not switched
1030	MESSAGE	CM SL has pending changes, want to ignore them (yes/no)?
1031	MESSAGE	<b>**CM SL is not switched**</b>
1032	MESSAGE	<b>**error**</b> temporary CM SL prep fails
1033	MESSAGE	<b>**error**</b> can't find boot images
1034	MESSAGE	<b>**error**</b> file already exists in SYSFILE configuration
1035	MESSAGE	<b>**error**</b> file not found, or of different type: !
	CAUSE	<b>Deleted system program, or doesn't exist.</b>
	ACTION	<b>Use correct delete, or check name.</b>
1036	MESSAGE	<b>**error**</b> image already exists in SYSFILE configuration
	CAUSE	<b>Each image must be unique across all types.</b>
1037	MESSAGE	<b>**error**</b> image doesn't exist in SYSFILE configuration
	CAUSE	<b>Can't delete if not there.</b>
1042	MESSAGE	<b>**error**</b> The version parm is only valid with disc boot files
1043	MESSAGE	<b>**error**</b> start version ! is already in use

**"Nonclass" Errors**

1044	MESSAGE	<b>**error**</b> all start versions are in use
1045	MESSAGE	<b>**error**</b> nmlib version ! is already in use
1050	MESSAGE	<b>**error**</b> parameter name is too long
1051	MESSAGE	<b>**error**</b> Can't delete !. Delete the boot file instead.
1052	MESSAGE	<b>**error**</b> Can't find start's library (shouldn't happen!)
1053	MESSAGE	<b>**error**</b> The image you replace must be an IPL image
1054	MESSAGE	<b>**error**</b> There's already a ! file
	CAUSE	<b>Can only have one.</b>
1055	MESSAGE	<b>**error**</b> Only ! tape boot files are allowed.
	CAUSE	<b>Only ! fits in directory ISL uses.</b>
1056	MESSAGE	<b>**error**</b> Only ! disc boot files are allowed.
	CAUSE	<b>Only ! fits in directory ISL uses.</b>
1058	MESSAGE	<b>**error**</b> Only ! system files are allowed.
1060	MESSAGE	<b>**error**</b> Only the factory can ABOUT IPL files.
1061	MESSAGE	<b>**error**</b> Couldn't find any files of mode !

**Outerblock Messages**

0080	MESSAGE	<b>** configuration files not saved **</b>
	CAUSE	<b>This message occurs when you abort a KEEP by not purging previous files, when an error occurs that does not allow SYSGEN to save the new configuration information, or when a TAPE generation fails.</b>
	ACTION	<b>None. Information only.</b>
0081	MESSAGE	<b>** configuration files successfully saved **</b>
	CAUSE	<b>This message occurs when a KEEP operation is successful.</b>
	ACTION	<b>None. Information only.</b>
0082	MESSAGE	<b>** successful execution **</b>
	CAUSE	<b>This message occurs when the TAPE command execution is successful.</b>
	ACTION	<b>None. Information only.</b>
0083	MESSAGE	<b>** group "!" is created **</b>
	CAUSE	<b>This message occurs when SYSGEN created a new configuration group (referenced by name) in the SYS</b>

		<b>account.</b>
	ACTION	<b>None. Information only.</b>
0084	MESSAGE	** group "!" is replaced **
0085	MESSAGE	** boottape ! is generated **
0088	MESSAGE	**warning** new configuration group is not yet defined
0092	MESSAGE	** no configurators are modified **
	CAUSE	<b>This information message appears when a global SHOW command is entered and no changes have been made through any of the configurators.</b>
	ACTION	<b>None.</b>
0100	MESSAGE	keeping to group !
	CAUSE	<b>This message occurs when a newgroup is specified and you enter a KEEP without a group name.</b>
	ACTION	<b>None. Information only.</b>
0105	MESSAGE	**note** factory user mode is "ON"
0500	MESSAGE	**warning** group "!" is already the current base
	CAUSE	<b>This message occurs when you attempt to replace the current basegroup through the BASEGROUP command using the same name as the another group name.</b>
	ACTION	<b>Select another group name.</b>
0501	MESSAGE	**warning** You haven't kept your changes yet! These changes
0502	MESSAGE	will be lost. Do you still want to continue (yes/no)?
	CAUSE	<b>This message occurs in all the global and configurator modules when you either try to exit without holding changes or exit SYSGEN without keeping changes.</b>
	ACTION	<b>Respond yes to exit or no to enter the HOLD or KEEP command.</b>
0504	MESSAGE	**warning** control Y not available
0510	MESSAGE	**warning** There are no configuration files in group !
0511	MESSAGE	creating a default set!
1000	MESSAGE	**warning** Current account is not 'SYS'.
1003	MESSAGE	**error** new group name ! is not valid. ! will be used.

**"Nonclass" Errors**

1005	MESSAGE	<b>**error**</b> Unnumbered line found in numbered input.
1016	MESSAGE	<b>**error**</b> couldn't save configuration files! !
	CAUSE	<b>This message occurs when an error prevents KEEP execution from saving the temporary configuration data file information to a permanent file set.</b>
	ACTION	<b>Refer to preceding SYSGEN errors and possibly file system errors for action to take.</b>
1022	MESSAGE	<b>**error**</b> unexpected end of file on default file
1023	MESSAGE	<b>**error**</b> SYSGEN terminates in initialization
	CAUSE	<b>This message occurs when the SYSGEN utility aborts abnormally upon encountering an error in the CI specification or while attempting to access a configurator or execute a configurator command. You are returned to the command interpreter.</b>
	ACTION	<b>Refer to preceding SYSGEN errors and possibly file system errors for the action to take.</b>
1029	MESSAGE	<b>**error**</b> base group not changed!
	CAUSE	<b>This message occurs when SYSGEN, for whatever reason, cannot replace the basegroup with the group you enter in the BASEGROUP command.</b>
	ACTION	<b>Refer to preceding SYSGEN errors and possibly file system errors for the action to take.</b>
1030	MESSAGE	<b>**error**</b> group "!" does not exist
	CAUSE	<b>This message occurs when you reference a basegroup that does not exist, such as when trying to replace the existing basegroup with a group that does not exist in the SYS account.</b>
	ACTION	<b>You have probably misspelled the group name. Reenter the name.</b>
1031	MESSAGE	<b>**error**</b> Couldn't get start group name
	CAUSE	<b>Couldn't get name from OS. Internal error shouldn't happen.</b>
	ACTION	<b>Contact the software personnel responsible for maintaining system files.</b>
1033	MESSAGE	<b>**error**</b> Start group name ! too long for SYSGEN
	CAUSE	<b>The start group name from OS is too long for SYSGEN. Internal error shouldn't happen.</b>

	ACTION	Contact the software personnel responsible for maintaining system files.
1034	MESSAGE	**error** catalog name ! is too long for SYSGEN
	CAUSE	Same as message.
	ACTION	Contact the software personnel responsible for maintaining system files.
1035	MESSAGE	**error** can't open catalog !
	CAUSE	SYSGEN cannot open either the message catalog or CATALOG.PUB.SYS.
	ACTION	Contact the software personnel responsible for maintaining system files.
1036	MESSAGE	**error** output name ! too long
	CAUSE	This message occurs when you enter a name that has too many characters in the OUTPUT parameter of the CI specification. Program dies.
	ACTION	Enter a name of eight or fewer characters.
1037	MESSAGE	**error** input name ! too long
	CAUSE	This message occurs when you enter a name that has too many characters in the INPUT parameter of the CI specification. Program dies.
	ACTION	Enter a name of eight or fewer characters.
1038	MESSAGE	**error** base group name ! too long
	CAUSE	This message occurs when you enter a name that has too many characters in the BASEGROUP parameter of the CI specification.
	ACTION	Enter a name of eight or fewer characters.
1039	MESSAGE	**error** new group name ! too long
	CAUSE	This message occurs when you enter a name that has too many characters in the NEWGROUP parameter of the CI specification.
	ACTION	Enter a name of eight or fewer characters.
1040	MESSAGE	**error** extra characters (!) in info string
	CAUSE	This message occurs when you enter extra characters in the INFO= parameter specification.
	ACTION	Reenter the information. If the problem persists, contact your CE.
1041	MESSAGE	**error** Only ! files will fit in the LIF directory

**"Nonclass" Errors**

	CAUSE	This message occurs when you try to build a tape with too many boot images. Only 63 total files are accepted by the LIF directory.
	ACTION	Delete boot images necessary to generate the tape.
1045	MESSAGE	<b>**error**</b> No tape made due to previous errors
1046	MESSAGE	<b>**error**</b> No keep done due to previous errors

**Service (SERVE) Messages**

0001	MESSAGE	<b>**error**</b> invalid command
	CAUSE	The command you have entered is not valid for the configurator or GLOBAL module, or you have entered parameter values without the command or command abbreviation.
	ACTION	Enter <code>HELP</code> without a parameter to list all configurator or global module commands. check how you have specified your command.
0004	MESSAGE	<b>**error**</b> can't create temporary configuration file --!
	CAUSE	For whatever reason, SYSGEN cannot create the referenced temporary configuration file. Program dies.
	ACTION	If the file is <code>IOLDEVP</code> , it could be the available disk space does not provide enough room for another configuration. check available disk space with the <code>DISCFREE</code> command. Refer to the file system error for other action to take.
0005	MESSAGE	<b>**error**</b> can't open configuration file --!
	CAUSE	For whatever reason, SYSGEN cannot create the referenced configuration file. Program dies.
	ACTION	If the file is <code>IOLDEVP</code> , it could be that the available disk space does not provide enough room for another configuration. check available disk space with the <code>DISCFREE</code> command. Refer to the file system error for other action to take.
0016	MESSAGE	<b>**error**</b> invalid parameter
	CAUSE	The keyword parameter used in the command is not valid.
	ACTION	Use the <code>HELP</code> command to display the command syntax.
0019	MESSAGE	<b>**error**</b> fail to initialize primary configuration file.
0025	MESSAGE	<b>**error**</b> can't update temporary configuration file
	CAUSE	SYSGEN uses temporary files to store current



		<p>configuration changes until they are kept to the permanent configuration data file. Here, SYSGEN cannot update a temporary file. The program dies.</p>
	ACTION	Refer to the file system error for action to take.
0027	MESSAGE	configuration changes are not kept yet!
	CAUSE	<b>You try to exit a configurator without holding or clearing the changes with the HOLD or CLEAR command, or you try to exit the SYSGEN GLOBAL module without keeping the changes. You are given an additional chance to hold or keep the changes.</b>
	ACTION	<b>If in one of the four configurators, answer either no, hold the changes, and then exit, or answer yes and abandon the changes.</b>
0028	MESSAGE	still want to exit (yes/no)?
	CAUSE	<b>Continuation of previous message.</b>
	ACTION	<b>Same as previous message.</b>
0030	MESSAGE	<b>**error** illegal group name</b>
	CAUSE	<b>The group name entered is not valid.</b>
	ACTION	<b>Check the name you have entered and how it is specified. If necessary, use the HELP command to list the command syntax and check the parameter requirement.</b>
0035	MESSAGE	<b>**error** illegal filename</b>
	CAUSE	<b>The file name or fully qualified file name is not valid for the operation.</b>
	ACTION	<b>Enter a valid file for the operation.</b>
0037	MESSAGE	<b>**error** can't create configuration file !</b>
	CAUSE	<b>SYSGEN, for whatever reason, cannot create the specified configuration data file in the specified configuration group.</b>
	ACTION	<b>check permissions, see if the file is being access.</b>
0041	MESSAGE	<b>**error** can't purge configuration file !</b>
	CAUSE	<b>SYSGEN, for whatever reason, cannot purge the specified configuration data file in the specified configuration group.</b>
	ACTION	
0042	MESSAGE	<b>**error** can't save configuration file !</b>
	CAUSE	<b>SYSGEN, for whatever reason, cannot save the specified configuration data file in the specified configuration group.</b>
	ACTION	
0050	MESSAGE	<b>**error** can't find filename</b>

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	CAUSE	<b>SYSGEN cannot find the file name entered for the FILE= parameter. check any additional file system error messages.</b>
	ACTION	<b>As the file name entry is probably misspelled or references a file that does not exist in the group and/or account, reenter a valid file name.</b>
0052	MESSAGE	<b>**error** duplicate filename (sysfile) --!</b>
0053	MESSAGE	<b>**error** duplicate filename (io) --!</b>
0061	MESSAGE	<b>**error** duplicate system filename (sysfile) --!</b>
0062	MESSAGE	<b>**error** duplicate system filename (io) --!</b>
0063	MESSAGE	<b>(CIERR !)</b>
0070	MESSAGE	<b>HOLD is invalid here. Use KEEP to permanently save your changes.</b>
	CAUSE	<b>You have entered a HOLD command as an outer block (main menu) command.</b>
	ACTION	<b>If you want to make additional changes, use a configurator command. If you want to save the changes as is, use the KEEP command.</b>
1000	MESSAGE	<b>**error** missing !</b>
	CAUSE	<b>Usually, missing option. Something required for the command entry is missing.</b>
	ACTION	<b>Refer to the reference for the action to take.</b>
1001	MESSAGE	<b>**error** The first letter of a ! cannot be a number</b>
	CAUSE	<b>Usually, the first letter of an LDEV cannot be a number. Any parameter that requires a character string can generate this message. This is usually caused by specifying a parameter value in the wrong position, or is a trying mistake.</b>
	ACTION	<b>Refer to the reference for the action to take. If necessary, use the HELP command to display the syntax and positional parameters.</b>
1002	MESSAGE	<b>**error** ! too long</b>
	CAUSE	<b>Normally, the entered character string value for the parameter exceeds the maximum number of characters.</b>
	ACTION	<b>Use SHOW to display minimum and maximum values (or characters) for the parameter, or use the HELP command to display the parameter requirements.</b>
1003	MESSAGE	<b>**error** Can't supply a lockword with wild</b>

		characters
	CAUSE	This occurs in the SYSFILE configurator. A lockword cannot be composed of wildcard or "wild" characters, for example, @.
	ACTION	Reenter the command and parameters, supplying a valid lockword without wildcards or "wild" characters.
1004	MESSAGE	**error** Invalid characters in ! name
	CAUSE	Either an invalid character has been entered in a file or group name, or SYSGEN interprets one as being there. For example, MPEXL,; from an INFO= parameter specification.
	ACTION	Reenter the reference file or group name.
1005	MESSAGE	**error** file specification too long. file spec=1
	CAUSE	You have entered a file name or fully qualified file name that is too long.
	ACTION	Enter the required file name specification. Use the HELP command to display the requirement of the parameter.
1010	MESSAGE	**error** Can't create group "!"
	CAUSE	For whatever reason, SYSGEN cannot create the referenced configuration group.
	ACTION	If this occurs while keeping to a NEWGROUP name, try the name a second time and, if the error is returned, save the files to a group of a different name.
1015	MESSAGE	**error** Hold command not valid here
1017	MESSAGE	**error** Error occurred in killing segmenter process
1020	MESSAGE	**error** There are no configuration files in group !
	CAUSE	The group entered as the <i>basegroup</i> for the command line specification (INFO=) or the name entered through the GLOBAL module BASEGROUP command does not contain a permanent file set of configuration data files or the user does not have READ access to the files.
1021	MESSAGE	**error** Missing configuration files ! in group !
	CAUSE	For whatever reason, one or more of the configuration data file sets no longer exists in the group specified as the <i>basegroup</i> .
	ACTION	If the group name is used in the INFO= parameter of the command line specification, SYSGEN terminates. If you

**"Nonclass" Errors**

		<b>specify the group name as the basegroup within the GLOBAL module, SYSGEN issues the message and returns the current basegroup.</b>
1022	MESSAGE	<b>**error**</b> Error attempting to validate group existence
	CAUSE	<b>SYSGEN cannot determine that the group exists.</b>
1024	MESSAGE	<b>**error**</b> Can't access LID table
	CAUSE	<b>SYSGEN cannot access the user logging ID table.</b>
1025	MESSAGE	<b>**error**</b> Can't access LID table--error !
	CAUSE	<b>SYSGEN cannot access the user logging ID table.</b>
1026	MESSAGE	<b>**error**</b> Can't read input
	CAUSE	<b>SYSGEN read the command input file or job stream.</b>
	ACTION	<b>Exit and correct the command input file, or reenter the job stream.</b>
1027	MESSAGE	<b>**error**</b> End of file on input
	CAUSE	<b>Usually the problem occurs from how SYSGEN was executed from the command line, using a designated command input file.</b>
	ACTION	<b>Use the command interpreter REDO command to verify how you have executed SYSGEN from the command line. Use the EDITOR subsystem to display your commands in the input file. check for errors. check that the file is unnumbered. If necessary BUILD the file as a permanent ASCII file.</b>
1028	MESSAGE	<b>**error**</b> Error talking to console--can't continue
1031	MESSAGE	<b>**error**</b> invalid command
1040	MESSAGE	<b>**error**</b> FPOINT failed on a temporary file
1041	MESSAGE	<b>**error**</b> couldn't close temporary file !
1042	MESSAGE	<b>**error**</b> can't read temporary file !
1043	MESSAGE	<b>**error**</b> Can't write temporary file !
1044	MESSAGE	<b>**error**</b> Can't open a temporary file !
1045	MESSAGE	<b>**error**</b> Can't purge a temporary file !
1050	MESSAGE	<b>**error**</b> No closing brace for comment in IODFAULT
1051	MESSAGE	<b>**error**</b> record too long in IODFAULT
1060	MESSAGE	<b>**error**</b> checksum error in file !
1061	MESSAGE	<b>**error**</b> record read from ! file is too

short!  
1070 MESSAGE \*\*error\*\* bad filename--expected period as  
delimiter

### Other Messages

0500 MESSAGE \*\*warning\*\* missing optional parameter

0520 MESSAGE \*\*warning\*\* Information display only mode ! !  
!

CAUSE **The account has insufficient capability to make  
configuration changes. You can view configuration data  
only.**

ACTION **Add SM capability or access an account, if allowed, with  
SM capability.**

0530 MESSAGE \*\*warning\*\* offline list device not currently  
open

CAUSE **This error is caused when the OCLOSE command is entered  
and nothing has yet been sent.**

ACTION **You must have used DEST=OFFLINE at least once since  
beginning SYSGEN or the last OCLOSE.**

0535 MESSAGE \*\*warning\*\* Can't find CM procedure  
doccnmdata!

1000 MESSAGE \*\*error\*\* Can't open file !

CAUSE **SYSGEN cannot open the designated file. Usually, the file  
does not exist.**

ACTION **check that you entered the proper file name.**

1001 MESSAGE \*\*error\*\* FFILEINFO error on file !

CAUSE **The FFILEINFO intrinsic returned an error for file !**

ACTION **Refer to the file system error message, also returned.**

1002 MESSAGE \*\*error\*\* can't open output device

1003 MESSAGE \*\*error\*\* The string ! is too long! (int.  
catalog error)

1004 MESSAGE \*\*error\*\* You must have SM capability to make  
a tape!

CAUSE **The TAPE command has been entered from an account  
that does not have SM capability. Generally, you are in the  
wrong account and you try to generate a tape.**

ACTION **Add SM capability or, if allowed, access an account with  
SM capability.**

1005 MESSAGE subsys=! error=!

**"Nonclass" Errors**

	CAUSE	<b>Continuation of previous message.</b>
	ACTION	<b>Continuation of previous message.</b>
1006	MESSAGE	<b>**error**</b> Can't write to offline list device!
	CAUSE	<b>The offline device is probably connected and active, but the output spooling function is not.</b>
	ACTION	<b>Use the STARTSPOOL command and appropriate device number from the master console to activate the output spooling function.</b>
1007	MESSAGE	<b>**error**</b> Can't closs offline list device!
	CAUSE	<b>For whatever reason, SYSGEN cannot close the list device.</b>
1008	MESSAGE	<b>**error**</b> You must have SM capability to do a KEEP!
1009	MESSAGE	<b>**error**</b> user has insufficient capability. SYSGEN TERMINATES.
	CAUSE	<b>The account has insufficient capability to allow you to change or view SYSGEN data. You are probably trying to access SYSGEN from the wrong account.</b>
	ACTION	<b>Use the SHOWME command to see the current account. Log on to an account with sufficient capability to request the operator to add the capability to your account.</b>
1010	MESSAGE	<b>**error**</b> Catalog is missing a path type message.
1011	MESSAGE	<b>**error**</b> You must have SM capability to make changes
1012	MESSAGE	<b>**error**</b> Can't close a permanent configuration file
	CAUSE	<b>For whatever reason, SYSGEN cannot close the configuration data file from that data was written from one or more temporary files. Program dies.</b>
	ACTION	<b>Refer to the file system error for action.</b>
1013	MESSAGE	<b>**error**</b> Can't read a permanent configuration file
1014	MESSAGE	<b>**error**</b> Can't write a permanent configuration file
1015	MESSAGE	<b>**error**</b> Can't FPOINT a permanent configuration file
1016	MESSAGE	<b>**error**</b> Redo only valid interactively
1018	MESSAGE	<b>**error**</b> language localized devtype name too long.

1020	MESSAGE	**error** switch to alterrin failed. Switch error=!
1021	MESSAGE	**error** switch to compactrin failed. Switch error=!
1022	MESSAGE	**error** switch to deleterin failed. Switch error=!
1023	MESSAGE	**error** switch to initrin failed. Switch error=!
1024	MESSAGE	**error** switch to listrin failed. Switch error=!
1025	MESSAGE	**error** switch to dtermctyp failed. Switch error=!
1026	MESSAGE	**error** switch to segmenter failed. Switch error=!
1027	MESSAGE	**error** switch to dccmdata failed. Switch error=!
1030	MESSAGE	**error** error* Can't find CM procedure dtermctyp!
1035	MESSAGE	**error** set ! (message !) not found in message catalog
	CAUSE	<b>A message set is missing from SYSGEN's message catalog.</b>
1036	MESSAGE	**error** message number ! of set ! not found in message catalog
	CAUSE	<b>A message is missing from SYSGEN's message catalog.</b>

## Scanner Messages

0001	MESSAGE	**error** parameter value out of range
	CAUSE	<b>The number of values, or value range, is more than the parameter can accept. Program can die under certain character string conditions.</b>
	ACTION	<b>Use the SHOW command to check range values. Cross-check IODFAULT.PUB.SYS listings for maximum modes and classes. Enter a value within the permissible range.</b>
0003	MESSAGE	**error** ldev number must be integer
	CAUSE	<b>An alphabetic character has been entered in an LDEV parameter or keyword. Usually happens when a parameter entry is made out of position.</b>
	ACTION	<b>Enter the proper LDEV number, or check the command syntax through the HELP command, and enter the</b>

**"Nonclass" Errors**

		parameter value in the appropriate place.
0004	MESSAGE	<b>**error**</b> parameter name is too long
	CAUSE	The parameter string is too long. Most character strings are limited to eight alphanumeric characters. Exceptions include logical and physical manager names, volume names, and some identification names.
	ACTION	check parameter name limitations under the appropriate command and configurator in this manual and/or against system default values. Enter a parameter name that does not exceed the maximum length.
0005	MESSAGE	<b>**error**</b> too many classnames are specified
	CAUSE	The maximum number of classnames is eight.
	ACTION	Enter no more than eight class names.
0006	MESSAGE	<b>**error**</b> volume name is too long
	CAUSE	The name entered to add a volume or to modify the existing name through the AVOL or MVOL command is too long. The message can also appear as volume too long.
	ACTION	Enter a volume name of up to 32 characters.
0007	MESSAGE	<b>**error**</b> beginning ldev is larger than ending ldev
	CAUSE	The numbers entered in the range command have been reversed or entered incorrectly. The beginning device number is larger than the ending number. For example, LDEV 100/20 instead of LDEV 20/100 or LDEV 10/20 generates this message.
	ACTION	Begin the range entry with the smallest LDEV number or the beginning and ending numbers.
0008	MESSAGE	<b>**error**</b> missing ending ldev
	CAUSE	The ending LDEV number has been omitted from the range specification, for example, LD 10/ or LD (1/,20,22).
	ACTION	Reenter the range specification.
0009	MESSAGE	<b>**error**</b> product ID is too long
	CAUSE	The product identification string for the path or device ID= parameter is too long. Usually an entry mistake.
	ACTION	Reenter the product identification or check the IODFAULT.PUB.SYS listing for the existing product identification string.
0010	MESSAGE	<b>**error**</b> io path is too long
	CAUSE	The iopath entry exceeds the requirement or is of a level



		that cannot exist.
	ACTION	Use the <b>HELP</b> command to check the command syntax and entry the proper path designation.
0011	MESSAGE	<b>**error**</b> io path must start with bus converter number
0012	MESSAGE	(channel adaptor # : min=1, max=3)
0013	MESSAGE	(device adaptor # : min=1, max=6)
0014	MESSAGE	(device # : min=1, max=8)
0015	MESSAGE	<b>**error**</b> logical device adaptor number does not match device adaptor number
0016	MESSAGE	<b>**error**</b> incomplete I/O path specification
	CAUSE	<b>A lower level path for the PATH= parameter than is required. For example, AD 117 8.2 HP7978 generates this message as PATH= looks for ca.da.d#. Also, improper punctuation such as AD 117 8,2,4 HP7978 generates this message.</b>
	ACTION	<b>Enter the required iopath level.</b>
0017	MESSAGE	<b>**error**</b> manager name is too long
	CAUSE	<b>When adding or modifying an iopath or device, particularly when USER path or device is designated, the MANAGER=, PMGR= or LMGR= parameter name exceeds the permissible parameter length.</b>
	ACTION	<b>For a supported device, use the default name from IODFAULT.PUB.SYS. For a user name, enter a name that does not exceed 32 characters.</b>
0018	MESSAGE	<b>**error**</b> invalid file specification
	CAUSE	<b>An invalid file name has been entered in a NAME= parameter that expects a fully qualified file name.</b>
	ACTION	<b>Enter an existing, fully qualified file name.</b>
0019	MESSAGE	<b>**error**</b> filename is too long
	CAUSE	<b>The file name exceeds eight characters. Other messages should appear noting additional problems such as numbers or invalid characters in the file name.</b>
	ACTION	<b>Enter an existing file name of up to eight characters. File names must begin with an alphabetic character and should not contain special characters or punctuation within the name.</b>
0020	MESSAGE	<b>**error**</b> groupname is too long
	CAUSE	<b>The group name exceeds eight characters.</b>

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	ACTION	<b>Enter an account group name up to eight characters in length.</b>
0021	MESSAGE	<b>**error**</b> account name is too long
	CAUSE	<b>The account name exceeds eight characters.</b>
	ACTION	<b>Enter an account name up to eight characters in length.</b>
0023	MESSAGE	<b>**error**</b> file specificaton must start with filename
	CAUSE	<b>An entry other than a file name has been entered as the value for the FILE= parameter. This is usually caused by entering a value out of position.</b>
	ACTION	<b>Use the HELP command to check the command syntax and enter the parameter values in the proper position or by keyword. Enter a fully qualified file name for the FILE= parameter.</b>
0024	MESSAGE	<b>**error**</b> device type is too long
	CAUSE	<b>The TAPE= parameter entry exceeds eight characters.</b>
	ACTION	<b>Enter a device type name that does not exceed eight characters.</b>
0025	MESSAGE	<b>**error**</b> missing '.' before device number
0026	MESSAGE	<b>**error**</b> segment name is too long
	CAUSE	<b>The SEG= parameter name of the ACMSL or RMCSL command exceeds eight characters.</b>
	ACTION	<b>Enter a segment name that does not exceed eight characters.</b>
0027	MESSAGE	<b>**error**</b> sl name is too long
	CAUSE	<b>The SL= parameter name file name entered for the CMSL command exceeds eight characters.</b>
	ACTION	<b>Enter a file name that does not exceed eight characters, or enter a fully qualified file name.</b>
0028	MESSAGE	<b>**error**</b> program name is too long
	CAUSE	<b>The PROG= parameter file name entered for the ASPROG or RSPROG command exceeds eight characters.</b>
	ACTION	<b>Enter a file name that does not exceed eight characters, or enter a fully qualified file name.</b>
0030	MESSAGE	<b>**error**</b> parameter name is too long
	CAUSE	<b>Unspecified parameter name has too many characters, usually occurring with user-specified devices, or too many subparameters given for the parameter value.</b>
0031	MESSAGE	<b>**error**</b> parameter value too long

	CAUSE	The numeric value you enter for the parameter exceeds the maximum permissible value.
	ACTION	Use the SHOW command to display minimum and maximum parameter values. Enter a value within the range.
0032	MESSAGE	**error** parameter value too small
	CAUSE	The numeric value you enter for the parameter is less than the minimum permissible value.
	ACTION	Use the SHOW command to display minimum and maximum parameter values. Enter a value within the range.
0033	MESSAGE	**error** parameter name must start with an alphabetic
	CAUSE	The parameter requires a string value that begins with an alphabetic character. The value starts with a number.
	ACTION	Enter a valid name beginning with an alphabetic character.
0034	MESSAGE	**error** parameter name contains illegal character
0035	MESSAGE	(bus converter # : min=1, max=2)

## Boot Tape Messages

0001	MESSAGE	**error** can't open boottype
	CAUSE	The TAPE command has been issued but SYSGEN cannot generate a boot tape.
	ACTION	Check to see the tape is unlabeled, not specially formatted, and of proper density. check prior file equations for TAPE commands. Check to be sure the tape is not damaged.
0013	MESSAGE	**error** fail to write boottape label
	CAUSE	The tape does not meet SYSGEN requirements; the TAPE command cannot properly format the tape.
	ACTION	Check to see the tape is unlabeled, not specially formatted, and of proper density. check prior file equations for TAPE commands. Check to be sure the tape is not damaged.
0015	MESSAGE	**error** error write file ! onto boottape
	CAUSE	A file designated in SYSFILEP does not exist, is corrupted, or there may be a tape problem.
	ACTION	check system program files through the SYSFILE configurator SHOW command for spelling and duplication. Cross-check suspect files through the command

**"Nonclass" Errors**

		<b>interpreter LISTF command.</b>
0016	MESSAGE	<b>**error** can't read file !</b>
	CAUSE	<b>Usually, a file designated in SYSFILEP does not exist. Program dies.</b>
	ACTION	<b>Verify that the file does not exist. Remove the entry from SYSFILEP through the DSPROG command.</b>
0018	MESSAGE	<b>**error** boot tape was opened incorrectly</b>
	CAUSE	<b>SYSGEN requires a tape of a specific record size and format on reel-to-reel media. The file equation for SYSGTAPE changes something it should not.</b>
	ACTION	<b>Change the file equation for the proper record size and format.</b>
0019	MESSAGE	<b>**error** can't get boot tape information</b>
	CAUSE	<b>SYSGEN cannot determine if the tape was opened correctly.</b>
	ACTION	<b>Change the file equation for the proper record size and format.</b>
0020	MESSAGE	<b>**error** SYSGEN won't write labelled tapes</b>
	CAUSE	<b>A file equation that created a labeled tape has been entered. SYSGEN does not generate labeled tapes.</b>
	ACTION	<b>Change the file equation for the proper format.</b>
0022	MESSAGE	<b>**boot tape is successfully built**</b>
	CAUSE	<b>The boot tape is successfully generated.</b>
	ACTION	<b>None.</b>
0023	MESSAGE	<b>**error** can't create store.pub.sys process</b>
0024	MESSAGE	<b>**error** can't activate Store.pub.sys process</b>
0025	MESSAGE	<b>**error** can't get reply from Store.pub.sys process</b>
0026	MESSAGE	<b>**error** error occurs while storing userfiles</b>
0027	MESSAGE	<b>EOT is encountered. Please mount next reel to continue tape operation. When tape is ready, enter "yes" to continue.</b>
0029	MESSAGE	<b>boottape generation. Otherwise, enter "no". (yes/no)?</b>
0040	MESSAGE	<b>**Boottape generation is aborted**</b>

0041 MESSAGE \*\*error\*\* fail to mark end of tape  
0051 MESSAGE pme = !  
0052 MESSAGE label  
0100 MESSAGE Please mount another tape for SYSGEN. This  
will be reel # !  
0101 MESSAGE Is SYSGEN's tape (reel !) ready (y/n)?  
0105 MESSAGE Do you really want to abort the TAPE  
generation (y/n)?  
0200 MESSAGE ! non-user files will be written to tape  
0201 MESSAGE dumping ! to tape  
0500 MESSAGE \*\*warning\*\* No network configuration dumped!  
!  
CAUSE A valid network configuration does not exist at the time  
SYSGEN generates the boot tape.  
ACTION Usually none. If you require a remote configuration file,  
abort the tape and add a remote configuration file to the  
local configuration through the SYSDIR configurator  
RDCC command.  
0501 MESSAGE \*\*warning\*\* ! will be ! on the tape.  
CAUSE The file name is changed to a new file name on the boot  
tape; for example, the remote configuration file becomes  
NMCONFIG.PUB.SYS.  
ACTION None.  
0502 MESSAGE \*\*warning\*\* illegal file type. File ! dumped  
as system file  
CAUSE A file type created in the SYSDIR configurator is  
corrupted. The file is dumped as a system program type.  
ACTION Either allow the system to use the default configuration  
file(s) or reconfigure the file through the SYSDIR  
configurator and generate a new tape.  
0503 MESSAGE \*\*warning\*\* File ! is empty.  
1000 MESSAGE \*\*error\*\* couldn't find file !  
1001 MESSAGE \*\*error\*\* Error in counting number of diag  
files  
1002 MESSAGE \*\*error\*\* ! is not a bootable image  
CAUSE Through the SYSDIR configurator, you have declared a  
file to be a bootable image. It is not.  
ACTION After tape generation, check your file for errors. Correct it  
and add it to the system through the SYSDIR SBOOT

**"Nonclass" Errors**

		<b>command.</b>
1003	MESSAGE	<b>**error**</b> Can't read file label of file !
	CAUSE	<b>This is caused by an I/O error.</b>
1004	MESSAGE	<b>**error**</b> No disc ipl boot file--Can't make tape.
	CAUSE	<b>Through deletion or modification, no boot image is designated as the ISC IPL file. The system requires that both a disk and a tape IPL file be present.</b>
	ACTION	<b>As the original file should still exist in the proper account, add the image and file name to SYSFILEP through the SYSFILE configurator command ABOUT. Retry the TAPE command.</b>
1005	MESSAGE	<b>**error**</b> No tape ipl boot file--Can't make tape.
	CAUSE	<b>Through deletion or modification, no boot image is designated as the tape IPL file. The system requires that both a disk and a tape IPL file be present.</b>
	ACTION	<b>As the original file should still exist in the proper account, add the image and file name to SYSFILEP through the SYSFILE configurator command ABOUT. Retry the TAPE command.</b>
1006	MESSAGE	<b>**error**</b> records of file ! too long for SYSGEN
	CAUSE	<b>The tape block size is greater than the size required by SYSGEN (currently 16 K).</b>
	ACTION	<b>Decrease the block size in the file.</b>
1007	MESSAGE	<b>**error**</b> The tape boot files must fit on 1 tape.
	CAUSE	<b>All files of type (tapeboot, tapeauto, tapeipl) as well as type both (bothboot, botauto, bothipl) must fit on one reel.</b>
	ACTION	<b>Use a tape of sufficient size, and delete unnecessary or outdated boot files through the SYSFILE configurator DBOOT command.</b>
1008	MESSAGE	Ran out of tape while dumping file: !
	CAUSE	<b>Same as above.</b>
1009	MESSAGE	<b>**error**</b> Couldn't write eof mark on tape
	CAUSE	<b>A hardware failure occurs on the drive.</b>
	ACTION	<b>Check that the tape is good and that it has been mounted properly. Replace the tape if necessary and try again. If failure occurs, the problem is more than likely with the</b>

		<b>tape drive. Try another drive. Contact your CE.</b>
1010	MESSAGE	<b>**error** Can't rewind tape</b>
	CAUSE	<b>A hardware failure occurs on the drive.</b>
	ACTION	<b>Check that you tape is still mounted properly. check that the drive is still functioning. If the problem is not immediately discernible, use another drive for generating your tapes.</b>
1011	MESSAGE	<b>**error** File ! is empty.</b>
1015	MESSAGE	<b>**error** Can't close file !.</b>
1016	MESSAGE	<b>**error** bad diagnostic file name (!) in !</b>
1020	MESSAGE	<b>**error** Can't create temporary LID file</b>
1021	MESSAGE	<b>**error** Can't close temporary LID file</b>
1022	MESSAGE	<b>**error** Can't create temporary DST file</b>
1023	MESSAGE	<b>**error** Can't close temporary DST file</b>
1024	MESSAGE	<b>**error** Can't write to temporary file for !</b>
1030	MESSAGE	<b>**error** Tape command failed SYSGEN tape is NO GOOD</b>
	CAUSE	<b>There is a problem with the tape used, a base system file is corrupted, or the configuration file SYSFILEP contains a file name that is no longer valid.</b>
	ACTION	<b>First, check any associated message that appears, particularly messages that indicate a file cannot be found or is corrupted. SYSDILEP contains a listing of files SYSGEN expects to put out to a boot tape. Check to be sure the base file is still a valid file for your current software release. If it is not, delete the file from SYSFILEP using the DSPROG command in the SYSFILE configurator. If a file is corrupted, restore it from your system backup tape. If there are no accompanying messages, mount a different tape. Check the tape drive.</b>

**LANGINST Messages**

MESSAGE	A nonnumeric graphic character is expected.
CAUSE	An alphabetic or special character (but not numeric) is expected.
ACTION	Enter a valid character.
MESSAGE	Attempting to add too many character sets.
CAUSE	Adding this language would exceed the maximum configurable character sets.
ACTION	Do not configure languages from so many character sets.
MESSAGE	Building and empty langdef.
CAUSE	There was no existing LANGDEF file, so a new, empty file is being built.
ACTION	None. If you have already configured languages, find LANGDEF.PUB.SYS on a backup and restore it. Otherwise, reconfigure the languages with this program.
MESSAGE	Deletion terminated; attempting to delete NATIVE-3000.
CAUSE	The language NATIVE-3000 may not be deleted from the list of configured languages.
ACTION	None.
MESSAGE	Erroneous starting year number. Expected a number from 0 to 99.
CAUSE	The number entered is not valid.
ACTION	Reenter the year's number. It must be a number from 0 to 99.
MESSAGE	Input too long. Please reenter:
CAUSE	The program does not expect so much input.
ACTION	Reenter the data correctly.
MESSAGE	Internal error. Please report.
CAUSE	Internal error.
ACTION	Contact your Hewlett-Packard Support Representative.
MESSAGE	Invalid date format. Expected MM/DD/YY.
CAUSE	The format date is not valid.
ACTION	Enter the date again in the form MM/DD/YY. Example 07/20/91.
MESSAGE	LANGNAME is already configured.
CAUSE	The language selected has already been configured.
ACTION	None.
MESSAGE	LANGNAME is an illegal language name (or number).



CAUSE            **The language name or number entered is not valid.**

ACTION           **Enter the language again, correctly.**

MESSAGE         LANGNAME is an invalid system default language.

CAUSE            **The language selected is not configured on your system.**

ACTION           **Add the language to the list of currently configured languages with this program, or choose a configured language.**

MESSAGE         LANGNAME is not a configured language.

CAUSE            **The language selected is not configured on your system.**

ACTION           **Add the language to the list of currently configured languages with this program.**

MESSAGE         LANGNAME is not configured.

CAUSE            **The language entered is not configured on your system.**

ACTION           **Add the language to the list of currently configured languages with this program.**

MESSAGE         LANGNAME is not in the CHRDEF file.

CAUSE            **One of the CHRDEFXX files is not consistent with the NLSDEF file.**

ACTION           **Restore all CHRDEFXX files and NLSDEF in PUB.SYS from the master backup.**

MESSAGE         NATIVE-3000 is always configured.

CAUSE            **NATIVE-3000 may not be added to the list of configured languages because it is always configured.**

ACTION            None.

MESSAGE         NATIVE-3000 may not be modified.

CAUSE            **The language definition of NATIVE-3000 may not be modified.**

ACTION            None.

MESSAGE         The CHRDEFXX file is missing. The addition has been cancelled.

CAUSE            **The character definition file for the selected language is missing.**

ACTION            **Restore the missing file from PUB.SYS from the master backup.**

MESSAGE         The decimal separator and thousands separator should be different.

CAUSE            **The decimals and thousands separators have been defined to be the same.**

ACTION            **Change the decimal and/or thousands indicator.**

MESSAGE         The expected name should contain alphabetic characters only.

CAUSE            **Only alphabetic characters are allowed in this context.**

**"Nonclass" Errors**

ACTION	<b>Reenter the value, using alphabetic characters only.</b>
MESSAGE	The filecode for CHRDEFXX.PUB.SYS is incorrect.
CAUSE	<b>The character definition file for the selected language has a bad file code. The file is probably corrupted.</b>
ACTION	<b>Restore the missing CHRDEFXX file from the PUB.SYS group of the master backup.</b>
MESSAGE	The filecode for LANGDEF.PUB.SYS is incorrect.
CAUSE	<b>The current language definition file has a bad file code. The file cap is probably corrupted.</b>
ACTION	<b>Restore LANGDEF.PUB.SYS from a backup copy. Or purge it, and re-create it by reconfiguring the desired languages with this program.</b>
MESSAGE	The filecode for NLSDEF.PUB.SYS is incorrect.
CAUSE	<b>The master NLS definition file has a bad file code. The file is probably corrupted.</b>
ACTION	<b>Restore NLSDEF.PUB.SYS from the master backup.</b>
MESSAGE	The lanugage you are attempting to delete is the system default language.
CAUSE	<b>The system default language may not be deleted from the list of configured languages.</b>
ACTION	<b>If you wish to delete this language, you must first change the system default language to another configured language.</b>
MESSAGE	The user should be MANAGER.SYS, running in the PUB group."
CAUSE	<b>The user is not MANAGER.SYS or is not logged on in the PUB group.</b>
ACTION	<b>Log on as MANAGER.SYS in the PUB group, and run the program again.</b>
MESSAGE	There is no more room for additional date periods. Please report.
CAUSE	<b>There is no room for additional entries in the national date table.</b>
ACTION	<b>Contact your Hewlett-Packard Support Representative.</b>
MESSAGE	Too many languages have been configured.
CAUSE	<b>Adding another language would exceed the maximum configurable languages.</b>
ACTION	<b>Do not configure so many languages on one system.</b>
MESSAGE	Unable to rename LANGDEF to LANGDnnn. The existing LANGDEF will be purged.
CAUSE	<b>The old LANGDEF file could not be renamed because all files, LANGD000 through LANGD999, already existed.</b>
ACTION	<b>Purge some or all of the files, LANDG000 to LANGD999, so the most recent changes to LANGDEF can be saved in the future.</b>

MESSAGE       Unknown option. Please reenter.  
CAUSE         **The option selected is not a valid one.**  
ACTION        **Enter the number corresponding to one of the currently valid options.**



# **10 Store/Restore (Native Mode) and TurboSTORE/iX I**

**(S/R)**

1	MESSAGE	(RE)STORE ENCOUNTERED EXCESSIVE REWIND ERRORS ON LDEV !
	CAUSE	<b>Bad media or drive problem caused too many errors.</b>
	ACTION	<b>Physically dismount bad media and mount new one.</b>
6	MESSAGE	READY TO TRY REWIND FOR (RE)STORE on LDEV ! (Y/N)
	CAUSE	<b>Too many rewind errors on previous try.</b>
	ACTION	<b>Mount good media and reply to console query.</b>
11	MESSAGE	STORE/RESTORE ENCOUNTERED UNKNOWN MEDIA ON LDEV !
	CAUSE	<b>Media type is incompatible with store subsystem.</b>
	ACTION	<b>Mount compatible media type or update store.</b>
16	MESSAGE	LABEL READ FAIL ON LDEV !. USE ANYWAY?(Y/N)
	CAUSE	<b>Media read error while trying to read media label.</b>
	ACTION	<b>Check paper label on media and reply to the console query.</b>
17	MESSAGE	LABEL READ FAIL ON LDEV ! FOR MEDIA !. USE IT?(Y/N)
	CAUSE	<b>Media read error on label read with (re)storeset option.</b>
	ACTION	<b>Check paper label on media and reply to console query.</b>
18	MESSAGE	LABEL READ FAIL ON LDEV ! FOR MEDIA !. USE IT?(Y/N)
	CAUSE	<b>Media read error on label read with (re)storeset option.</b>
	ACTION	<b>Check the paper label and reply to the console query.</b>
21	MESSAGE	MOUNT NEXT MEDIA FOR RESTORE ON LDEV !
	CAUSE	<b>Restore finished the current mounted media.</b>
	ACTION	<b>Mount next media to be restored.</b>
22	MESSAGE	MOUNT MEDIA ! FOR RESTORE ON LDEV !
	CAUSE	<b>Restore with restoreset option finished the currently mounted media.</b>
	ACTION	<b>Mount next media on specified ldev.</b>
23	MESSAGE	MOUNT MEDIA ! OF SET ! FOR RESTORE ON LDEV !
	CAUSE	<b>Restore with restoreset finished a media from parallel set store.</b>

	ACTION	<b>Mount next media of the specified set on requesting ldev.</b>
26	MESSAGE	DISMOUNT CURRENT MEDIA FOR RESTORE ON LDEV !
	CAUSE	<b>A wrong media was mounted for restore on specified ldev.</b>
	ACTION	<b>Dismount wrong media and mount a correct one.</b>
27	MESSAGE	DISMOUNT MEDIA ! FOR RESTORE ON LDEV !
	CAUSE	<b>An out of order media was mounted.</b>
	ACTION	<b>Dismount this media and mount a correct one.</b>
28	MESSAGE	DISMOUNT MEDIA ! OF SET ! FOR RESTORE ON LDEV !
	CAUSE	<b>An out of order media was mounted for restore.</b>
	ACTION	<b>Dismount wrong media and mount the correct one.</b>
30	MESSAGE	MEDIA LEADER TOO SHORT. DISMOUNT CURRENT MEDIA ON LDEV !
	CAUSE	<b>Media error encountered due to insufficient media leader.</b>
	ACTION	<b>Mount media with long enough media leader.</b>
31	MESSAGE	MEDIA ON LDEV ! IS NOT A STORE MEDIA
	CAUSE	<b>A non-store media is mounted for restore.</b>
	ACTION	<b>Only store media can be read by NM restore.</b>
36	MESSAGE	MEDIA ON LDEV ! IS PREVIOUS TO REQUESTED MEDIA
	CAUSE	<b>An out of order media was mounted for restore.</b>
	ACTION	<b>Dismount this media and mount the correct one.</b>
37	MESSAGE	MEDIA ! ON LDEV ! IS PREVIOUS TO REQUESTED MEDIA
	CAUSE	<b>An out of order media was mounted for restore with restoreset option.</b>
	ACTION	<b>Dismount this media and mount the correct one.</b>
38	MESSAGE	MEDIA ! OF SET ! ON LDEV ! IS PREVIOUS TO REQUESTED MEDIA
	CAUSE	<b>An out of order media from a parallel storeset was mounted for restore.</b>
	ACTION	<b>Dismount this media and mount the correct one.</b>
41	MESSAGE	INCORRECT MEDIA DISMOUNTED BY RESTORE ON LDEV !
	CAUSE	<b>An incorrect media was placed offline by restore.</b>
	ACTION	<b>Unload this media and mount the correct one.</b>

46           MESSAGE        MEDIA ON LDEV ! IS NOT FROM THIS STORE SET  
              CAUSE        **The mounted media is not from the set being restored on  
                              this ldev.**  
              ACTION      **Dismount the incorrect media and mount the correct one.**

47           MESSAGE        MEDIA ON LDEV ! WAS MOUNTED BUT NEVER WRITTEN  
              CAUSE        **Although the media on the specified ldev was mounted  
                              (most likely for a serial store), no data was written to it.**  
              ACTION      **Do not include this media as part of the backup, since it  
                              contains no data.**

51           MESSAGE        MEDIA ON LDEV ! WAS NOT REQUESTED. USE IT?  
                              (Y/N)  
              CAUSE        **Media later than requested was mounted on ldev.**  
              ACTION      **Reply Y if you want to skip media otherwise reply n and  
                              mount correct media.**

52           MESSAGE        MEDIA ! ON LDEV ! WAS NOT REQUESTED. USE IT?  
                              (Y/N)  
              CAUSE        **Media later than requested was mounted along with  
                              restoreset option.**  
              ACTION      **Reply Y if want to skip media or else reply N and mount  
                              the correct media.**

53           MESSAGE        MEDIA ! OF SET ! ON LDEV ! IS WRONG. USE IT?  
                              (Y/N)  
              CAUSE        **Media from later set than requested was mounted.**  
              ACTION      **Reply Y if want to skip media else reply y and mount  
                              correct media.**

56           MESSAGE        MOUNT NEXT MEDIA FOR STORE ON LDEV !  
              CAUSE        **Store finished writing the current media .**  
              ACTION      **Unload current media and mount a new one.**

57           MESSAGE        MOUNT MEDIA ! FOR STORE ON LDEV !  
              CAUSE        **Store with storeset option finished writing a media.**  
              ACTION      **Unload the current media and mount a new one.**

58           MESSAGE        MOUNT MEDIA ! OF SET ! FOR STORE ON LDEV !  
              CAUSE        **Store with storeset option finished writing a media.**  
              ACTION      **Unload the current media and mount a new one.**

61           MESSAGE        STORE IS STARTING TO WRITE NEXT MEDIA ON LDEV  
                              !  
              CAUSE        **Store accepted the newly mounted media.**



	ACTION	None.
62	MESSAGE	STORE IS STARTING TO WRITE MEDIA ! ON LDEV !
	CAUSE	<b>Store with storeset option accepted the newly mounted media.</b>
	ACTION	None.
63	MESSAGE	STORE IS STARTING TO WRITE MEDIA ! OF SET ! ON LDEV !
	CAUSE	<b>Store with storeset option accepted the newly mounted media.</b>
	ACTION	None.
66	MESSAGE	MEDIA ON LDEV ! IS PART OF CURRENT STORE SET
	CAUSE	<b>Media of the current store command was remounted to be overwritten.</b>
	ACTION	<b>Save this media and mount a blank one instead.</b>
67	MESSAGE	MEDIA ! ON LDEV ! IS PART OF CURRENT STORE SET
	CAUSE	<b>Media from current store with storeset option was mounted to be overwritten.</b>
	ACTION	<b>Save this media and mount a blank one.</b>
68	MESSAGE	MEDIA ! OF SET ! ON LDEV ! IS PART OF CURRENT STORE SET
	CAUSE	<b>Media of current store with storeset option was mounted to be overwritten.</b>
	ACTION	<b>Save this media and mount a blank one.</b>
71	MESSAGE	MEDIA ON LDEV ! IS BAD. CONTINUE ANYWAY?(Y/N)
	CAUSE	<b>The media just mounted gave write errors at some time before this.</b>
	ACTION	<b>Reply Y if you want to retry the media or else reply N and mount a good media.</b>
76	MESSAGE	STORE IS MARKING MEDIA BAD ON LDEV !
	CAUSE	<b>Store came accross a write error on this media.</b>
	ACTION	<b>Dismount this media and mount a good one.</b>
77	MESSAGE	STORE IS MARKING MEDIA ! BAD ON LDEV !
	CAUSE	<b>Store with storeset option had a write error on specified ldev.</b>
	ACTION	<b>Dismount bad media and mount a good one.</b>
78	MESSAGE	STORE IS MARKING MEDIA ! OF SET ! BAD ON LDEV !

CAUSE **Store with storeset option had a write error on the specified ldev.**

ACTION **Dismount bad media and mount a good one.**

81 MESSAGE RESTORE IS ASSUMING THAT NEXT MEDIA IS ON LDEV !

CAUSE **Media was mounted on ldev out of sequence with restoreset order.**

ACTION **None.**

82 MESSAGE RESTORE IS ASSUMING THAT MEDIA ! IS ON LDEV !

CAUSE **Media was mounted on an ldev out of sequence from restoreset order.**

ACTION **None.**

83 MESSAGE RESTORE IS ASSUMING THAT MEDIA ! OF SET ! IS ON LDEV !

CAUSE **Media was mounted on ldev out of sequence with the restoreset option order.**

ACTION **None.**

86 MESSAGE USE DAMAGED TAPE AS NEXT MEDIA ON LDEV !(Y/N)

CAUSE **The media directory on this media was damaged.**

ACTION **Reply Y if this indeed is the correct media or else reply N and mount the correct one.**

87 MESSAGE USE DAMAGED TAPE AS MEDIA ! ON LDEV !(Y/N)

CAUSE **The media directory on this media was found to be damaged.**

ACTION **Reply Y to console query if this indeed is the correct media or else reply N.**

88 MESSAGE USE DAMAGED TAPE AS MEDIA ! OF SET ! ON LDEV !(Y/N)

CAUSE **The media directory on this media was damaged.**

ACTION **Reply Y to the console query if this indeed is the correct media or else reply N.**

91 MESSAGE FILES LOCKED BY ONLINE STORE ARE NOW FREE FOR READ/WRITE/PURGE

CAUSE **The files specified for an online store have been attached to the logging mechanism.**

ACTION **These files may now been opened for read or write access, or may be purged.**

92 MESSAGE THE MEDIA ON LDEV ! IS ALLOCATED TO SOME

		OTHER DRIVE
	CAUSE	The media that has been mounted belongs to a parallel restoreset that is already being restored on another device.
	ACTION	Dismount this media and mount a piece of media that does not belong to an already allocated restoreset.
93	MESSAGE	MEDIA ! ON LDEV ! IS ALLOCATED TO SOME OTHER DRIVE
	CAUSE	The media that has been mounted belongs to a parallel restoreset that is already being restored on another device.
	ACTION	Dismount this tape and mount a piece of media that does not belong to an already allocated restoreset.
94	MESSAGE	MEDIA ! OF SET ! ON LDEV ! IS ALLOCATED TO SOME OTHER DRIVE
	CAUSE	The media that has been mounted belongs to a parallel restoreset that is already being restored on another device.
	ACTION	Dismount this tape and mount a piece of media that does not belong to an already allocated restoreset.
96	MESSAGE	FILES OF STORE SET ! WILL BE RESTORED WHEN A DRIVE BECOMES FREE
	CAUSE	There are more parallel restoresets to restore than there are devices, so the specified set will be restored once a backup device becomes available.
	ACTION	Information only. When a drive becomes free, this set can be mounted and restored.
99	MESSAGE	STARTING TO RESTORE THE FILES OF STORE SET ! ON LDEV !
	CAUSE	The files of the specified store set are now being restored from the specified ldev.
	ACTION	Information only.
102	MESSAGE	LDEV ! SPECIFIED IN THE RESTORESET OPTION IS RELEASED
	CAUSE	There are no files to restore from this device, so it is being closed.
	ACTION	Information only.
114	MESSAGE	LABELED VOLUME MOUNTED FOR UNLABELED STORE ON LDEV !.
	CAUSE	Labeled volumes can not be used for unlabeled stores.
	ACTION	Dismount this volume and mount an unlabeled media.
115	MESSAGE	DISMOUNT VOLUME OF VOLSET ! FOR RESTORE ON

LDEV !

CAUSE           **The specified labeled volume is no longer needed by restore.**

ACTION           **Dismount the volume from the specified ldev.**

116           MESSAGE       DISMOUNT MEDIA ! OF VOLSET ! FOR RESTORE ON LDEV !

CAUSE           **The specified labeled volume is no longer needed by restore.**

ACTION           **Dismount the volume from the specified ldev.**

117           MESSAGE       DISMOUNT VOL ! OF VOLSET ! FOR RESTORE ON LDEV !

CAUSE           **The specified labeled volume is no longer needed by restore.**

ACTION           **Dismount the volume from the specified ldev.**

118           MESSAGE       FILES OF VOLSET ! WILL BE RESTORED WHEN A DRIVE BECOMES FREE

CAUSE           **There are more parallel restoresets to restore than there are devices, so the specified volume set will be restored once a backup device becomes available.**

ACTION           **Information only. When a drive becomes free, this set can be mounted and restored.**

121           MESSAGE       STARTING TO RESTORE FILES OF VOLSET ! ON LDEV !

CAUSE           **The files of the specified volume set are now being restored from the specified ldev.**

ACTION           **Information only.**

124           MESSAGE       RESTORE ASSUMES THAT NEXT VOL OF VOLSET ! IS ON LDEV !

CAUSE           **Even though an error was encountered while reading the label of this volume, the user has instructed that it be used anyway, and restore assumes it is the specified volume.**

ACTION           **Information only.**

125           MESSAGE       RESTORE ASSUMES THAT MEDIA ! OF VOLSET ! IS ON LDEV !

CAUSE           **Even though an error was encountered while reading the label of this volume, the user has instructed that it be used anyway, and restore assumes it is the specified volume.**

ACTION           **Information only.**

126           MESSAGE       RESTORE ASSUMES THAT VOL ! OF VOLSET ! IS ON

		LDEV !
	CAUSE	Even though an error was encountered while reading the label of this volume, the user has instructed that it be used anyway, and restore assumes it is the specified volume.
	ACTION	Information only.
127	MESSAGE	USE DAMAGED MEDIA AS NEXT VOLUME OF SET ! ON LDEV ! (Y/N)
	CAUSE	An error was encountered while reading the label of this volume.
	ACTION	Reply Yes to the console request if this volume should be used anyway. Reply No to cause this volume to be dismantled.
128	MESSAGE	USE DAMAGED MEDIA AS MEDIA ! OF SET ! ON LDEV ! (Y/N)
	CAUSE	An error was encountered while reading the label of this volume.
	ACTION	Reply Yes to the console request if this volume should be used anyway. Reply No to cause this volume to be dismantled.
129	MESSAGE	USE DAMAGED MEDIA AS VOL ! OF SET ! ON LDEV ! (Y/N)
	CAUSE	An error was encountered while reading the label of this volume.
	ACTION	Reply Yes to the console request if this volume should be used anyway. Reply No to cause this volume to be dismantled.
130	MESSAGE	MOUNT NEXT MEMBER OF VOLSET ! FOR RESTORE ON LDEV !
	CAUSE	Restore needs the next member of the specified volume set.
	ACTION	Find and mount the next member of the specified volume set on the specified ldev.
131	MESSAGE	MOUNT MEDIA ! OF VOLSET ! FOR RESTORE ON LDEV !
	CAUSE	Restore needs a specific member of the specified volume set.
	ACTION	Find and mount the requested media on the specified ldev.
132	MESSAGE	MOUNT VOL ! OF VOLSET ! FOR RESTORE ON LDEV !
	CAUSE	Restore needs a specific volume from a specific volume set.
	ACTION	Find and mount the requested volume on the specified

		<b>ldev.</b>
133	MESSAGE	VOLUME OF SET ! ON LDEV ! INCORRECT. USE IT? (Y/N)
	CAUSE	<b>An unexpected labeled volume was mounted for restore.</b>
	ACTION	<b>Reply Yes to the console message to have restore use this volume. All files that were on unmounted volumes previous to this one will not be restore. Reply No to cause this volume to be dismantled.</b>
134	MESSAGE	MEDIA ! OF SET ! ON LDEV ! INCORRECT. USE IT? (Y/N)
	CAUSE	<b>An unexpected labeled volume was mounted for restore.</b>
	ACTION	<b>Reply Yes to the console message to have restore use this volume. All files that were on unmounted volumes previous to this one will not be restore. Reply No to cause this volume to be dismantled.</b>
135	MESSAGE	VOL ! OF SET ! ON LDEV ! INCORRECT. USE IT? (Y/N)
	CAUSE	<b>An unexpected labeled volume was mounted for restore.</b>
	ACTION	<b>Reply Yes to the console message to have restore use this volume. All files that were on unmounted volumes previous to this one will not be restore. Reply No to cause this volume to be dismantled.</b>
136	MESSAGE	MEMBER OF VOLSET ! ON LDEV ! IS NOT A STORE MEDIA
	CAUSE	<b>A non-store labeled volume was mounted for restore.</b>
	ACTION	<b>Only store media can be read by NM Restore.</b>
137	MESSAGE	MEDIA ! OF VOLSET ! ON LDEV ! IS NOT A STORE MEDIA
	CAUSE	<b>A non-store labeled volume was mounted for restore.</b>
	ACTION	<b>Only store media can be read by NM Restore.</b>
138	MESSAGE	VOL ! OF VOLSET ! ON LDEV ! IS NOT A STORE MEDIA
	CAUSE	<b>A non-store labeled volume was mounted for restore.</b>
	ACTION	<b>Only store media can be read by NM Restore.</b>
139	MESSAGE	VOLUME OF VOLSET ! ON LDEV ! IS ALLOCATED TO ANOTHER DRIVE
	CAUSE	<b>The volume that has been mounted belongs to a parallel restoreset that is already being restored on another device.</b>
	ACTION	<b>Dismount this volume and mount a volume that does not</b>

		<b>belong to an already allocated restoreset.</b>
140	MESSAGE	MEDIA ! OF VOLSET ! ON LDEV ! IS ALLOCATED TO ANOTHER DRIVE
	CAUSE	<b>The volume that has been mounted belongs to a parallel restoreset that is already being restored on another device.</b>
	ACTION	<b>Dismount this volume and mount a volume that does not belong to an already allocated restoreset.</b>
141	MESSAGE	VOL ! OF VOLSET ! ON LDEV ! IS ALLOCATED TO ANOTHER DRIVE
	CAUSE	<b>The volume that has been mounted belongs to a parallel restoreset that is already being restored on another device.</b>
	ACTION	<b>Dismount this volume and mount a volume that does not belong to an already allocated restoreset.</b>
142	MESSAGE	VOLUME NOT MEMBER OF VOLSET ! ; DISMOUNTED BY RESTORE ON LDEV !
	CAUSE	<b>The wrong labeled volume has been mounted for this restore.</b>
	ACTION	<b>This volume is being dismounted. The next console message will specify which volume should be mounted.</b>
143	MESSAGE	VOLUME NOT MEMBER OF VOLSET ! ; DISMOUNTED BY RESTORE ON LDEV !
	CAUSE	<b>The wrong labeled volume has been mounted for this restore.</b>
	ACTION	<b>This volume is being dismounted. The next console message will specify which volume should be mounted.</b>
144	MESSAGE	VOLUME NOT MEMBER OF VOLSET ! ; DISMOUNTED BY RESTORE ON LDEV !
	CAUSE	<b>The wrong labeled volume has been mounted for this restore.</b>
	ACTION	<b>This volume is being dismounted. The next console message will specify which volume should be mounted.</b>
145	MESSAGE	MEMBER OF VOLSET ! ON LDEV ! IS PRIOR TO THAT REQUESTED
	CAUSE	<b>A volume which has already be restored from, or which is no longer needed, has been mounted.</b>
	ACTION	<b>Dismount this volume and mount the previously requested volume.</b>
146	MESSAGE	MEDIA ! OF VOLSET ! ON LDEV ! IS PRIOR TO THAT REQUESTED
	CAUSE	<b>A volume which has already be restored from, or which is</b>

**no longer needed, has been mounted.**

ACTION            **Dismount this volume and mount the previously requested volume.**

147            MESSAGE            VOL ! OF VOLSET ! ON LDEV ! IS PRIOR TO THAT REQUESTED

CAUSE            **A volume which has already be restored from, or which is no longer needed, has been mounted.**

ACTION            **Dismount this volume and mount the previously requested volume.**

148            MESSAGE            VOL ID GIVEN FOR MEMBER OF VOLSET ! ON LDEV ! IS INVALID

CAUSE            **The volume id of this volume is incorrect.**

ACTION            **Dismount this volume and mount a volume from the specified volume set.**

152            MESSAGE            LABEL TYPE CLASH BETWEEN VOLSET ! AND VOLUME ON LDEV !

CAUSE            **Either an ANSI labeled volume was mounted when an IBM label was expected, or vice versa.**

ACTION            **Mount a type-compatible labeled volume.**

153            MESSAGE            LABEL TYPE CLASH BETWEEN VOLSET ! AND VOLUME ON LDEV !

CAUSE            **Either an ANSI labeled volume was mounted when an IBM label was expected, or vice versa.**

ACTION            **Mount a type-compatible labeled volume.**

154            MESSAGE            LABEL TYPE CLASH BETWEEN VOLSET ! AND VOLUME ON LDEV !

CAUSE            **Either an ANSI labeled volume was mounted when an IBM label was expected, or vice versa.**

ACTION            **Mount a type-compatible labeled volume.**

155            MESSAGE            REPLY WITH VOL ID FOR MEMBER OF VOLSET !

CAUSE            **A new labeled volume needs a volume id.**

ACTION            **Reply to the console message with the new volume id for this volume.**

156            MESSAGE            REPLY WITH VOL ID FOR MEDIA ! OF VOLSET !

CAUSE            **A new labeled volume needs a volume id.**

ACTION            **Reply to the console message with the new volume id for this volume.**

157            MESSAGE            VOLUME OF VOLSET ! ON LDEV ! IS BEING MARKED



		BAD
	CAUSE	<b>A media error occurred while writing to this volume. The volume will be marked bad to indicate there was an error while writing to it.</b>
	ACTION	<b>After store has marked this volume bad, dismount it and mount a new volume.</b>
158	MESSAGE	MEDIA ! OF VOLSET ! ON LDEV ! IS BEING MARKED BAD
	CAUSE	<b>A media error occurred while writing to this volume. The volume will be marked bad to indicate there was an error while writing to it.</b>
	ACTION	<b>After store has marked this volume bad, dismount it and mount a new volume.</b>
159	MESSAGE	VOL ! OF VOLSET ! ON LDEV ! IS BEING MARKED BAD
	CAUSE	<b>A media error occurred while writing to this volume. The volume will be marked bad to indicate there was an error while writing to it.</b>
	ACTION	<b>After store has marked this volume bad, dismount it and mount a new volume.</b>
160	MESSAGE	MOUNT NEXT MEMBER FOR VOLSET ! FOR STORE ON LDEV !
	CAUSE	<b>Store has finished writing to the current volume and needs the next volume.</b>
	ACTION	<b>Dismount the current volume and mount the next volume for the volume set on the specified ldev.</b>
161	MESSAGE	MOUNT MEDIA ! FOR VOLSET ! FOR STORE ON LDEV !
	CAUSE	<b>Store has finished writing to the current volume and needs the next volume.</b>
	ACTION	<b>Dismount the current volume and mount the next media for the volume set on the specified ldev.</b>
162	MESSAGE	MOUNT VOL ! FOR VOLSET ! FOR STORE ON LDEV !
	CAUSE	<b>Store has finished writing to the current volume and needs the next volume.</b>
	ACTION	<b>Dismount the current volume and mount the specified volume for the volume set on the specified ldev.</b>
163	MESSAGE	STARTING TO WRITE TO MEMBER OF VOLSET ! ON LDEV !
	CAUSE	<b>Store is being to write to a member of the specified volume set.</b>

	ACTION	<b>Information only.</b>
164	MESSAGE	STARTING TO WRITE TO MEDIA ! OF VOLSET ! ON LDEV !
	CAUSE	<b>Store is being to write to a member of the specified volume set.</b>
	ACTION	<b>Information only.</b>
165	MESSAGE	STARTING TO WRITE TO VOL ! OF VOLSET ! ON LDEV !
	CAUSE	<b>Store is being to write to a member of the specified volume set.</b>
	ACTION	<b>Information only.</b>
166	MESSAGE	MEMBER OF VOLSET ! ON LDEV ! IS PART OF CURRENT STORE SET
	CAUSE	<b>A volume that has already been written to as part of this backup was re-mounted.</b>
	ACTION	<b>Dismount this volume and mount a volume that has not yet been written to as part of this store.</b>
167	MESSAGE	MEDIA ! OF VOLSET ! ON LDEV ! IS PART OF CURRENT STORE SET
	CAUSE	<b>A volume that has already been written to as part of this backup was re-mounted.</b>
	ACTION	<b>Dismount this volume and mount a volume that has not yet been written to as part of this store.</b>
168	MESSAGE	VOL ! OF VOLSET ! ON LDEV ! IS PART OF CURRENT STORE SET
	CAUSE	<b>A volume that has already been written to as part of this backup was re-mounted.</b>
	ACTION	<b>Dismount this volume and mount a volume that has not yet been written to as part of this store.</b>
169	MESSAGE	OK TO RE-LABEL EXPIRED VOLUME ! (Y/N)
	CAUSE	<b>An expired volume with a different volume set id has been mounted for a store.</b>
	ACTION	<b>Reply Yes if it is ok to relabel this volume. Reply No if this volume should not be overwritten.</b>
170	MESSAGE	OK TO RE-LABEL EXPIRED VOLUME ! AS ! (Y/N)
	CAUSE	<b>An expired volume with a different volume set id has been mounted for a store.</b>
	ACTION	<b>Reply Yes if it is ok to relabel this volume. Reply No if this volume should not be overwritten.</b>

171	MESSAGE	OK TO RE-LABEL EXPIRED VOLUME ! AS ! (Y/N)
	CAUSE	<b>An expired volume with a different volume set id has been mounted for a store.</b>
	ACTION	<b>Reply Yes if it is ok to relabel this volume. Reply No if this volume should not be overwritten.</b>
172	MESSAGE	STORE CANNOT OVERWRITE UNEXPIRED VOLUME ! ON LDEV# \
	CAUSE	<b>An unexpired volume was mounted for a store.</b>
	ACTION	<b>Dismount this volume and mount a volume that has expired.</b>
173	MESSAGE	STORE CANNOT OVERWRITE UNEXPIRED VOLUME ! ON LDEV# \
	CAUSE	<b>An unexpired volume was mounted for a store.</b>
	ACTION	<b>Dismount this volume and mount a volume that has expired.</b>
174	MESSAGE	STORE CANNOT OVERWRITE UNEXPIRED VOLUME ! ON LDEV# \
	CAUSE	<b>An unexpired volume was mounted for a store.</b>
	ACTION	<b>Dismount this volume and mount a volume that has expired.</b>
175	MESSAGE	MEMBER OF VOLSET ! ON LDEV ! HAS INCORRECT HDR LABELS
	CAUSE	<b>A volume mounted for restore has incorrect HDR1 labels.</b>
	ACTION	<b>Mount a valid volume of the specified volume set.</b>
176	MESSAGE	MEDIA ! OF VOLSET ! ON LDEV ! HAS INCORRECT HDR LABELS
	CAUSE	<b>A volume mounted for restore has incorrect HDR1 labels.</b>
	ACTION	<b>Mount a valid volume of the specified volume set.</b>
177	MESSAGE	VOL ! OF VOLSET ! ON LDEV ! HAS INCORRECT HDR LABELS
	CAUSE	<b>An unexpired volume was mounted for a store.</b>
	ACTION	<b>Dismount this volume and mount a volume that has expired.</b>
185	MESSAGE	MAKE UNLABELED MEDIA ON LDEV ! PART OF LABELED SET (Y/N)
	CAUSE	<b>An unlabeled media has been mounted for a labeled store.</b>
	ACTION	<b>Reply Yes to the console request if this unlabeled media should be converted to a labeled volume.</b>

186	MESSAGE	MAKE UNLABELED MEDIA ON LDEV ! PART OF LABELED SET (Y/N)
	CAUSE	<b>An unlabeled media has been mounted for a labeled store.</b>
	ACTION	<b>Reply Yes to the console request if this unlabeled media should be converted to a labeled volume.</b>
187	MESSAGE	MAKE UNLABELED MEDIA ON LDEV ! PART OF LABELED SET (Y/N)
	CAUSE	<b>An unlabeled media has been mounted for a labeled store.</b>
	ACTION	<b>Reply Yes to the console request if this unlabeled media should be converted to a labeled volume.</b>
188	MESSAGE	VOLUME MOUNTED ON LDEV ! WAS NOT REQUESTED
	CAUSE	<b>A different labeled volume than the one requested was mounted for a store.</b>
	ACTION	<b>Dismount this volume and mount the requested volume.</b>
189	MESSAGE	VOLUME MOUNTED ON LDEV ! WAS NOT REQUESTED
	CAUSE	<b>A different labeled volume than the one requested was mounted for a store.</b>
	ACTION	<b>Dismount this volume and mount the requested volume.</b>
190	MESSAGE	VOLUME MOUNTED ON LDEV ! WAS NOT REQUESTED
	CAUSE	<b>A different labeled volume than the one requested was mounted for a store.</b>
	ACTION	<b>Dismount this volume and mount the requested volume.</b>
191	MESSAGE	RESTORE SKIPPING SLT IN PROGRESS ON LDEV !
	CAUSE	<b>Restore is skipping over the SLT portion of combined SLT/Store.</b>
	ACTION	<b>Information only.</b>
198	MESSAGE	OK TO RESTORE FILES OF SET ! ON LDEV ! (Y/N)
	CAUSE	<b>Restore needs verification that the specified restoreset should be restored from the MO at the specified ldev.</b>
	ACTION	<b>Reply "Yes" to the console message if this is the set that should be restored. Reply "No" otherwise.</b>
203	MESSAGE	ARE ALL FILES AND DATABASES QUIESCED FOR ONLINE BACKUP #! ? (Y/N)
	CAUSE	<b>You have specified the ASK parameter to the ONLINE option, requesting that TurboSTORE notify via a console request when the True-Online sync point is about to occur.</b>
	ACTION	<b>Make sure that all non-HP databases and other files are ready for the sync point. Then, reply Y to this request if</b>

you want the sync point to occur. If you want to cancel this backup, reply N.

206           MESSAGE       DO YOU WANT TO ABORT THE BACKUP? (Y/N)  
              CAUSE        You have replied "N" to the ASK request during a True-Online backup.  
              ACTION       If you reply "Y" to this message, the backup will abort and will be invalid. If you reply "N" to this message, you will be asked if all files and databases are quiesced for an online backup.

209           MESSAGE       ONLINE BACKUP SYNC POINT STARTING  
              CAUSE        TurboSTORE is starting to quiesce all databases specified for a True-Online backup.  
              ACTION       None required, information only. You may notice a pause in database access during the online sync point for all databases being stored by a 7x24 online backup.

212           MESSAGE       ONLINE BACKUP SYNC POINT FINISHED  
              CAUSE        TurboSTORE has completed the 7x24 online sync point and has unquiesced all databases.  
              ACTION       None required, information only. Users should be able to access quiesced databases now.

215           MESSAGE       ALL NON-STANDARD DATABASES CAN BE UNQUIESCED NOW  
              CAUSE        The 7x24 online sync point has completed.  
              ACTION       If you had to manually quiesce any non-HP databases, they can now be unquiesced.

218           MESSAGE       MOUNT LAST MEDIA FOR RESTORE ON LDEV \  
              CAUSE        RESTORE needs to read the final media directory from the last media of the backup.  
              ACTION       Mount the last media of the backup.

221           MESSAGE       MOUNT LAST MEMBER OF VOLSET ! FOR RESTORE ON LDEV \  
              CAUSE        RESTORE needs to read the final media directory from the last media of the backup.  
              ACTION       Mount the last volume of the specified volume set.

224           MESSAGE       STORE/RESTORE ENCOUNTERED A POWERFAIL ON LDEV !  
              CAUSE        A powerfail or bus reset occurred on the specified LDEV  
              ACTION       If this was reported from STORE, STORE will automatically rewind the current media and rewrite the

		<b>data. If this is reported by RESTORE, the RESTORE will abort, since RESTORE cannot recover from a device powerfail.</b>
225	MESSAGE	STORE/RESTORE ENCOUNTERED A POWERFAIL ON REMOTE DEVICE FILE "!"
	CAUSE	<b>A powerfail or bus reset occurred on the specified remove device</b>
	ACTION	<b>If this was reported from STORE, STORE will automatically rewind the current media and rewrite the data. If this is reported by RESTORE, the RESTORE will abort, since RESTORE cannot recover from a device powerfail.</b>
227	MESSAGE	STORE/RESTORE LOST TAPE TENSION ON LDEV !
	CAUSE	<b>While accessing a device, a tape tension lost condition was reported.</b>
	ACTION	<b>STORE try to recover from this situation by rewinding the current media and rewriting the reel. RESTORE cannot recover from such a situation and will abort. Make sure your tape devices are clean.</b>
228	MESSAGE	STORE/RESTORE LOST TAPE TENSION ON REMOTE DEVICE FILE "!"
	CAUSE	<b>While accessing a remote device, a tape tension lost condition was reported.</b>
	ACTION	<b>STORE try to recover from this situation by rewinding the current media and rewriting the reel. RESTORE cannot recover from such a situation and will abort. Make sure your tape devices are clean.</b>
301	MESSAGE	WARNING: 'FILES' OPTION HAS BEEN REDUNDANTLY SPECIFIED (S/R 301)
	CAUSE	<b>The FILES option was entered more than once.</b>
	ACTION	<b>Information only.</b>
302	MESSAGE	EXPECTED '= {maxfiles}' AFTER 'FILES' OPTION. SYNTAX
		'FILES={maxfiles}' (S/R 302)
	CAUSE	<b>You did not type the files parameter correctly.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
303	MESSAGE	SPECIFIED MAXFILES VALUE FOR 'FILES={maxfiles}' EXCEEDS THE MAXIMUM ALLOWED. (S/R 303)
	CAUSE	<b>The maximum files limit of the files parameter has been</b>

		<b>exceeded.</b>
	ACTION	<b>Information only.</b>
304	MESSAGE	EXPECTED 'FILES={maxfiles}' WHERE {maxfiles} IS A POSITIVE INTEGER. (S/R 304)
	CAUSE	<b>You have specified a negative 'maxfiles' number.</b>
	ACTION	<b>Information only.</b>
305	MESSAGE	'FILES' OPTION CANNOT BE USED WITH THE 'LISTDIR' OPTION. (S/R 305)
	CAUSE	<b>The files and listdir options are not allowed on the same command line.</b>
	ACTION	<b>Delete either the files or the listdir options.</b>
311	MESSAGE	'RESTORESET' OPTION HAS BEEN REDUNDANTLY SPECIFIED. (S/R 311)
	CAUSE	<b>You entered RESTORESET twice in the command.</b>
	ACTION	<b>Remove one of the RESTORESET options and retype the command.</b>
312	MESSAGE	'RESTORESET' OPTION MAY NOT BE SPECIFIED IN CONJUNCTION WITH A POSITIONAL DEVICE FILE. Ex. 'RESTORE *t;...;RESTORESET=(*t1,*t2)' IS INVALID. (S/R 312)
	CAUSE	<b>Restoreset and device file options are not allowed on the same command line.</b>
	ACTION	<b>Delete either restoreset or device file options and retype the command.</b>
313	MESSAGE	EXPECTED '=(device[,...])[(device[,...])]' AFTER 'RESTORESET' OPTION. SYNTAX  'RESTORESET=(device[,...])[(device[,...])]' (S/R 313)
	CAUSE	<b>You did not type the restoreset parameter correctly.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
314	MESSAGE	EXPECTED A '(' TO START A RESTORESET. Ex. 'RESTORESET=(*ta,*tb). SYNTAX  'RESTORE-SET=(device[,...])[device[,...]]' (S/R 314)
	CAUSE	<b>You did not include a left parenthesis.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
315	MESSAGE	MAXIMUM NUMBER OF PARALLEL SETS EXCEEDED FOR 'RESTORESET' OPTION. Ex,

		<code>'RESTORESET&gt;(*ta),(*tb)' IS TWO PARALLEL SETS. (S/R 315)</code>
	CAUSE	<b>You specified too many parallel sets. The maximum is 8.</b>
	ACTION	<b>Specify 8 or fewer parallel sets.</b>
316	MESSAGE	EXPECTED 'device' FILE EQUATION IN RESTORESET. Ex. RESTORESET>(*t SYNTAX  <code>'RESTORESET=(device[,...])[(device[,...])]'.</code> (S/R 316)
	CAUSE	<b>You did not include a file equation to name the backup device.</b>
	ACTION	<b>Specify a file equation.</b>
317	MESSAGE	MAXIMUM NUMBER OF 'device" FILE EQUATIONS EXCEEDED FOR A SERIAL SET. Ex. RESTORESET = (*t1, *t2,..., *tn) EXCEEDS THE MAXIMUM OF 8. (S/R 317)
	CAUSE	<b>You specified too many serial file equations. The maximum is 8.</b>
	ACTION	<b>Specify 8 or fewer serial file equation.</b>
318	MESSAGE	EXPECTED A ')' TO TERMINATE A SERIAL THE 'RESTORESET' OPTION. SYNTAX  <code>'RESTORESET=(device[,...])[device[,...]]'</code> (S/R 318)
	CAUSE	<b>You did not include a right parenthesis.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
319	MESSAGE	'RESTORESET' OPTION CANNOT BE USED WITH THE 'LISTDIR' OPTION. (S/R 319)
	CAUSE	<b>Restoreset and listdir options are not allowed on the same command line.</b>
	ACTION	<b>Delete either restoreset or listdir option and retype the command.</b>
320	MESSAGE	'RESTORESET' OPTION NOT ALLOWED FOR A SLT/STORE SET (S/R 320)
	CAUSE	<b>The restoreset option cannot be used with a combined SLT/ store set tape.</b>
	ACTION	<b>Redo the restore command, using only one backup device, and not specifying the restoreset option.</b>
321	MESSAGE	WARNING: 'PROGRESS' OPTION HAS BEEN REDUNDANTLY SPECIFIED. (S/R 321)



	CAUSE	<b>The PROGRESS option was entered more than once.</b>
	ACTION	<b>Information only.</b>
322	MESSAGE	EXPECTED {#minutes} BETWEEN 1 AND 60. SYNTAX  PROGRESS[={#minutes}] (S/R 322)
	CAUSE	<b>You did not specify a number within the range.</b>
	ACTION	<b>Specify a number between 1 and 60.</b>
323	MESSAGE	EXPECTED 'PROGRESS={#minutes}' WHERE {#minutes} IS A POSITIVE INTEGER. (S/R 323)
	CAUSE	<b>The progress parameter must be greater than zero.</b>
	ACTION	<b>Check your syntax and retype the command.</b>
324	MESSAGE	EXPTECTED '={#minutes}' AFTER 'PROGRESS' OPTION. (S/R 324)
	CAUSE	<b>You did not type the progress parameter correctly.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
331	MESSAGE	'STORESET' OPTION CANNOT BE USED WITH 'TRANSPORT' TO MPEv. (S/R 331)
	CAUSE	<b>You cannot specify the storeset and transport parameters on the same command line.</b>
	ACTION	<b>Delete either the storeset or the transport parameter from the command line.</b>
332	MESSAGE	'STORESET' OPTION HAS BEEN REDUNDANTLY SPECIFIED. (S/R 332)
	CAUSE	<b>You entered STORESET twice in the command.</b>
	ACTION	<b>Delete one of the STORESET options and retype the command.</b>
333	MESSAGE	'STORESET' OPTION MAY NOT BE SPECIFIED IN CONJUNCTION WITH A POSITIONAL DEVICE FILE. EG 'STORE...;*t;STORESET=(*t1,*t2)' IS VALID. (S/R 333)
	CAUSE	<b>You mistyped the storeset parameter.</b>
	ACTION	<b>Check the syntax of the storeset parameter and retype the command.</b>
334	MESSAGE	EXPECTED '=(device[,...])[,(device[,...])]' AFTER 'STORESET' OPTION. SYNTAX  'STORESET=(device[,...])[,(device[,...])]' (S/R 334)
	CAUSE	<b>You did not type the storeset parameter correctly.</b>

	ACTION	<b>Check the syntax and retype the command.</b>
335	MESSAGE	EXPECTED A '(' TO START A STORESET. Ex. 'STORESET>(*ta,*tb). SYNTAX  'STORESET=(device[,...][,(device[,...])]' (S/R 336)
	CAUSE	<b>You did not include the left parenthesis in your command.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
336	MESSAGE	EXPECTED 'device' FILE EQUATION IN STORESET. Ex. STORESET>(*ta,*tb SYNTAX  'STORESET=(device[,...][,(device[,...])]' (S/R 336)
	CAUSE	<b>You did not specify a file equation to name the backup device.</b>
	ACTION	<b>Specify the file equation.</b>
337	MESSAGE	MAXIMUM NUMBER OF 'device' FILE EQUATIONS EXCEEDED FOR A SERIAL SET. Ex. STORESET(*t1,*t2,...*tn) EXCEEDS THE MAXIMUM OF 8. (S/R 337)
	CAUSE	<b>You specify too many serial file equations. the maximum is 8.</b>
	ACTION	<b>Specify 8 or fewer serial file equations.</b>
338	MESSAGE	EXPECTED A ')' TO TERMINATE A SERIAL THE 'STORESET' OPTION. SYNTAX  'STORESET=(device[,...])(device[,...])' (S/R 338)
	CAUSE	<b>You did not include a right parenthesis.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
339	MESSAGE	'STORESET' OPTION NOT ALLOWED IN SYSGEN/STORE. (S/R 339)
	CAUSE	<b>A combined SLT/store set cannot be created by sysgen with the storeset option.</b>
	ACTION	<b>Retype the command without the storeset option, specifying only one backup device.</b>
351	MESSAGE	WARNING: 'TRANSPORT' OPTION HAS BEEN REDUNDANTLY SPECIFIED. (S/R 351)
	CAUSE	<b>The TRANSPORT option was entered more than once.</b>
	ACTION	<b>Information only.</b>

352	MESSAGE	'TRANSPORT' OPTION NOT ALLOWED IN SYSGEN/STORE. (S/R 352)
	CAUSE	<b>Sysgen cannot created a CMStore format tape.</b>
	ACTION	<b>Remove the transport option from the store options and redo the command.</b>
354	MESSAGE	INVALID TARGET SYSTEM ID FOR 'TRANSPORT' KEYWORD. ONLY ID CURRENTLY VALID IS "MPEXL". IF NO TARGET ID IS SPECIFIED THEN THE TARGET SYSTEM DEFAULTS TO MPEv. SYNTAX: TRANSPORT[=MPEXL] (S/R 354)
	CAUSE	<b>An invalid transport id was specified.</b>
	ACTION	<b>Specify a legal transport option and redo the command.</b>
361	MESSAGE	WARNING: 'DIRECTORY' OPTION HAS BEEN REDUNDANTLY SPECIFIED. (S/R 361)
	CAUSE	<b>The DIRECTORY option was entered more than once.</b>
	ACTION	<b>Information only.</b>
362	MESSAGE	'DIRECTORY' OPTION CANNOT BE USED WITH THE 'TRANSPORT' OPTION. (S/R 362)
	CAUSE	<b>Directory and transport options are not allowed on the same command line.</b>
	ACTION	<b>Delete either directory or transport option and retype the command.</b>
363	MESSAGE	USE OF THE 'DIRECTORY' OPTION REQUIRES (SM) OR (OP) CAPABILITY. (S/R 363)
	CAUSE	<b>You do not have system manager (SM) capability or system operator (OP) capability.</b>
	ACTION	<b>Log on to an account with SM or AM, or have your system manager perform the tasks.</b>
371	MESSAGE	'ONVS' OPTION CANNOT BE USED WITH 'TRANSPORT' TO MPEv. (S/R 371)
	CAUSE	<b>ONVS and TRANSPORT options are not allowed on the same command line.</b>
	ACTION	<b>Delete either the ONVS or TRANSPORT option and retype the command.</b>
372	MESSAGE	WARNING: 'ONVS' OPTION HAS BEEN REDUNDANTLY SPECIFIED. (S/R 372)
	CAUSE	<b>The ONVS option was entered more than once.</b>
	ACTION	<b>Information only.</b>
373	MESSAGE	EXPECTED '=volumesetname[,volumesetname... ]'

AFTER 'ONVS' OPTION. (S/R 373)

CAUSE **You did not type the onvs parameter correctly.**

ACTION **Check the syntax and retype the command.**

374 MESSAGE INVALID VOLUMESSET NAME SPECIFIED FOR 'ONVS' OPTION. VOLUMESSET NAME MUST START WITH AN ALPHA "A - Z" AND CONTAIN ONLY ALPHANUMERIC "A-Z, 0-9", "\_" AND "." SYNTAX

'ONVS=volumesetname[,volumesetname...]' .  
(S/R 374)

CAUSE **Volumeset name misspelled or not recognized on the system.**

ACTION **Enter a system recognized volumeset name.**

375 MESSAGE VOLUMESSET NAME SPECIFIED FOR 'ONVS' OPTION EXCEEDED THE MAXIMUM ALLOWABLE LENGTH OF 32 CHARACTERS. SYNTAX

'ONVS=volumesetname[,volumesetname...]' .  
(S/R 375)

CAUSE **You entered a volumeset name that was more than 32 characters.**

ACTION **Enter a volumeset name that has 32 characters or less.**

376 MESSAGE EXPECTED 'volumesetname[,volumesetname...]' AFTER 'ONVS=' WHERE volumesetname IS THE NAME OF THE VOLUME SET THAT IS CURRENTLY ON YOUR SYSTEM. SYNTAX

'ONVS=volumesetname[,volumesetname...]' .  
(S/R 376)

CAUSE **You did not type onvs parameter correctly.**

ACTION **Check the syntax and retype the command.**

377 MESSAGE STORE/RESTORE DOES NOT ALLOW MORE THAN TWENTY (20) "volumesetnames" TO BE SPECIFIED FOR THE 'ONVS' OPTION. (S/R 377)

CAUSE **You specify too many volumeset name with the onvs option. the maximum is 20.**

ACTION **Specify 20 or fewer volumesets.**

378 MESSAGE "volumesetname" SPECIFIED DOES NOT EXIST (IS NOT MOUNTED) ON THIS SYSTEM. (S/R 378)

CAUSE **You entered a volumeset name which is not on the system.**

ACTION **Enter a correct volumeset name.**

381 MESSAGE 'VOLSET' OPTION HAS BEEN REDUNDANTLY  
SPECIFIED. (S/R 381)  
CAUSE **The VOLSET option was entered more than once.**  
ACTION **Information only.**

382 MESSAGE 'VOLSET' OPTION CANNOT BE USED WITH THE 'DEV'  
OPTION. (S/R 382)  
CAUSE **Volset and dev options are not allowed on the same  
command line.**  
ACTION **Delete either volset or dev option and retype the  
command.**

383 MESSAGE EXPECTED '=volumesetname' AFTER 'VOLSET'  
OPTION. SYNTAX  
  
'VOLSET=volumesetname'. (S/R 383)  
CAUSE **You did not enter the volset parameter correctly.**  
ACTION **Check the syntax and retype the command.**

384 MESSAGE INVALID VOLUMESET NAME SPECIFIED FOR 'VOLSET'  
OPTION. VOLUMESET NAME MUST START WITH AN  
ALPHA "A-Z" AND CONTAIN ONLY ALPHANUMERIC  
"A-Z, 0-9", "\_" OR "." SYNTAX  
  
'VOLSET=volumesetname'. (S/R 384)  
CAUSE **Volumeset name misspelled or not recognized on the  
system.**  
ACTION **Enter a system recognized volumeset name.**

385 MESSAGE VOLUMESET NAME SPECIFIED FOR 'VOLSET' OPTION  
EXCEEDED THE MAXIMUM ALLOWABLE LENGTH OF 32  
CHARACTERS. SYNTAX  
  
'VOLSET=volumesetname' (S/R 385)  
CAUSE **You entered a volumeset name that was more than 32  
characters.**  
ACTION **Enter a volumeset name that has 32 characters or less.**

386 MESSAGE EXPECTED 'volumesetname' AFTER 'VOLSET='  
WHERE volumesetname IS THE NAME OF A VOLUME  
SET THAT IS CURRENTLY MOUNTED ON YOUR SYSTEM.  
SYNTAX  
  
'VOLSET=volumesetname' (S/R 386)  
CAUSE **You did not type the volset parameter correctly.**  
ACTION **Check the syntax and retype the command.**

387	MESSAGE	'VOLSET' OPTION CANNOT BE USED WITH THE 'LISTDIR' OPTION. (S/R 387)
	CAUSE	<b>Volset and listdir options are not allowed on the same command line.</b>
	ACTION	<b>Delete either volset or listdir option and retype the command.</b>
391	MESSAGE	'VOLCLASS' OPTION CANNOT BE USED WITH THE 'VOL' OPTION. (S/R 391)
	CAUSE	<b>Volclass and vol options are not allowed on the same command line.</b>
	ACTION	<b>Delete either volclass or vol option and retype the command.</b>
392	MESSAGE	'VOLCLASS' OPTION CANNOT BE USED WITH THE 'DEV' OPTION. (S/R 392)
	CAUSE	<b>Volclass and dev options are not allowed on the same command line.</b>
	ACTION	<b>Delete either volclass or dev option and retype the command.</b>
393	MESSAGE	'VOLCLASS' OPTION HAS BEEN REDUNDANTLY SPECIFIED. (S/R 393)
	CAUSE	<b>The VOLCLASS option was entered more than once.</b>
	ACTION	<b>Information only.</b>
394	MESSAGE	EXPECTED '=volumeclassname' AFTER 'VOLCLASS' OPTION. SYNTAX
		'VOLCLASS=volumeclassname' (S/R 394)
	CAUSE	<b>You did not type the volclass parameter correctly.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
395	MESSAGE	INVALID VOLUMECLASS NAME SPECIFIED FOR 'VOLCLASS' OPTION. VOLUMECLASS NAME MUST START WITH AN ALPHA "A-Z" AND CONTAIN ONLY ALPHANUMERIC "A-Z, 0-9", OR "_". SYNTAX
		'VOLCLASS=volumeclassname'. (S/R 395)
	CAUSE	<b>Volumeclass name misspelled or not recognized on the system.</b>
	ACTION	<b>Enter a system recognized volumeclass name.</b>
396	MESSAGE	VOLUMECLASS NAME SPECIFIED FOR 'VOLCLASS' OPTION EXCEEDED THE MAXIMUM ALLOWABLE LENGTH OF 16 CHARACTERS. SYNTAX

		'VOLCLASS=volumeclassname' (S/R 396)
	CAUSE	<b>You entered a volumeclass name that was more than 16 characters.</b>
	ACTION	<b>Enter a volumeclass name that has 16 characters or less.</b>
397	MESSAGE	EXPECTED 'volumeclassname' AFTER 'VOLCLASS=' WHERE volumeclassname IS THE NAME OF A VOLUME CLASS THAT IS ON A VOLUME SET CURRENTLY MOUNTED ON YOUR SYSTEM. SYNTAX
		'VOLCLASS=volumeclassname' (S/R 397)
	CAUSE	<b>You did not specify a volumeclass name.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
398	MESSAGE	'VOLCLASS' OPTION CANNOT BE USED WITH THE 'LISTDIR' OPTION. (S/R 398)
	CAUSE	<b>Volclass and listdir options are not allowed on the same command line.</b>
	ACTION	<b>Delete either volclass or listdir option and retype the command.</b>
401	MESSAGE	'VOL' OPTION CANNOT BE USED WITH THE 'VOLCLASS' OPTION (S/R 401)
	CAUSE	<b>Vol and volclass options are not allowed on the same command line.</b>
	ACTION	<b>Delete either vol or volclass option and retype the command.</b>
402	MESSAGE	'VOL' OPTION CANNOT BE USED WITH THE 'DEV' OPTION (S/R 402)
	CAUSE	<b>Vol and dev options are not allowed on the same command line.</b>
	ACTION	<b>Delete either vol or dev option and retype the command.</b>
403	MESSAGE	'VOL' OPTION HAS BEEN REDUNDANTLY SPECIFIED (S/R 403)
	CAUSE	<b>The VOL option was entered more than once.</b>
	ACTION	<b>Information only.</b>
404	MESSAGE	EXPECTED '=volumename' AFTER 'VOL' OPTION. SYNTAX
		'VOL=volumename' (S/R 404)
	CAUSE	<b>You did not type vol parameter correctly.</b>
	ACTION	<b>Check the syntax and retype the command.</b>

405	MESSAGE	INVALID VOLUME NAME SPECIFIED FOR 'VOL' OPTION. VOLUME NAME MUST START WITH AN ALPHA "A-Z" AND CONTAIN ONLY ALPHANUMERIC "A-Z, 0-9", OR "_". SYNTAX  'VOL=volumename' (S/R 405)
	CAUSE	<b>Volume name misspelled or unrecognizable volume name was entered.</b>
	ACTION	<b>Enter the correct volume name.</b>
406	MESSAGE	VOLUME NAME SPECIFIED FOR 'VOL' OPTION EXCEEDED THE MAXIMUM ALLOWABLE LENGTH OF 16 CHARACTERS. SYNTAX  'VOL=volumename' (S/R 406)
	CAUSE	<b>The volume name you specified is too long. The maximum number of characters is 16.</b>
	ACTION	<b>Specify a volume name with 16 or fewer characters.</b>
407	MESSAGE	EXPECTED 'volumename' AFTER 'VOL=' WHERE volumename IS THE NAME OF A VOLUME (DISC) THAT IS CURRENTLY MOUNTED ON YOUR SYSTEM. SYNTAX  'VOLSET=volumesetname' (S/R 407)
	CAUSE	<b>You did not enter the volumename.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
408	MESSAGE	'VOL' OPTION CANNOT BE USED WITH THE 'LISTDIR' OPTION (S/R 408)
	CAUSE	<b>Vol and listdir options are not allowed on the same command line.</b>
	ACTION	<b>Delete either vol or listdir option and retype the command.</b>
411	MESSAGE	WARNING: 'HIGH' OPTION HAS BEEN REDUNDANTLY SPECIFIED (S/R 411)
	CAUSE	<b>The HIGH option was entered more than once.</b>
	ACTION	<b>Information only.</b>
412	MESSAGE	EXPECTED '= {datasetnumber}' AFTER 'HIGH' OPTION. SYNTAX  'HIGH={datasetnumber}' (S/R 412)
	CAUSE	<b>You did not specify datasetnumber.</b>
	ACTION	<b>Check the syntax and retype the command.</b>



413	MESSAGE	EXPECTED 'HIGH={datasetnumber}' WHERE {datasetnumber} IS A POSITIVE INTEGER DENOTING A DATA SET BETWEEN 0 AND 199. SYNTAX  'HIGH={datasetnumber}' (S/R 413)
	CAUSE	<b>You did not type the high parameter correctly.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
414	MESSAGE	EXPECTED {datasetnumber} BETWEEN 0 AND 199. SYNTAX  'HIGH={datasetnumber}' (S/R 414)
	CAUSE	<b>You did not specify a number within the range.</b>
	ACTION	<b>Specify a number between 1 and 199.</b>
415	MESSAGE	{datasetnumber} SPECIFIED FOR 'HIGH' OPTION MUST BE GREATER THAN OR EQUAL TO THE VALUE SPECIFIED FOR THE 'LOW' OPTION. SYNTAX  'HIGH={datasetnumber}' (S/R 415)
	CAUSE	<b>The high parameter is too small.</b>
	ACTION	<b>Specify a larger number for the high parameter.</b>
421	MESSAGE	WARNING: 'LOW' OPTION HAS BEEN REDUNDANTLY SPECIFIED (S/R 421)
	CAUSE	<b>The LOW option was entered more than once.</b>
	ACTION	<b>Information only.</b>
422	MESSAGE	EXPECTED '={datasetnumber}' AFTER 'LOW' OPTION. SYNTAX  'LOW={datasetnumber}' (S/R 422)
	CAUSE	<b>You did not specify datasetnumber.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
423	MESSAGE	EXPECTED 'LOW={datasetnumber}' WHERE {datasetnumber} IS A POSITIVE INTEGER DENOTING A DATA SET BETWEEN 0 AND 199. SYNTAX  'LOW={datasetnumber}' (S/R 423)
	CAUSE	<b>You did not specify a number within the range.</b>
	ACTION	<b>Specify a number between 1 and 199.</b>
424	MESSAGE	{datasetnumber} SPECIFIED FOR 'LOW' OPTION MUST BE LESS THAN OR EQUAL TO THE VALUE SPECIFIED FOR THE 'HIGH' OPTION. SYNTAX

		'LOW={datasetnumber}' (S/R 424)
	CAUSE	<b>The low parameter is too large.</b>
	ACTION	<b>Specify a smaller number for low parameter.</b>
425	MESSAGE	EXPECTED {datasetnumber} BETWEEN 0 AND 199. SYNTAX
		'LOW={datasetnumber}' (S/R 425)
	CAUSE	<b>You did not specify a number within the range.</b>
	ACTION	<b>Specify a number between 1 and 199.</b>
431	MESSAGE	'FCRANGE' OPTION CANNOT BE USED WITH 'TRANSPORT' to MPEv (S/R 431)
	CAUSE	<b>Fcrange and transport options are not allowed on the same command line.</b>
	ACTION	<b>Delete either fcrange or transport option and retype the command.</b>
432	MESSAGE	WARNING: 'FCRANGE' OPTION HAS BEEN REDUNDANTLY SPECIFIED. (S/R 432)
	CAUSE	<b>The FCRANGE option was entered more than once.</b>
	ACTION	<b>Information only.</b>
433	MESSAGE	EXPECTED '=filecode/filecode[,filecode/filecode...]' AFTER 'FCRANGE' OPTION. SYNTAX
		'FCRANGE=filecode/filecode[,filecode/filecode ...]' (S/R 433)
	CAUSE	<b>You typed the fcrange parameter incorrectly.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
434	MESSAGE	EXPECTED filecode IN FIRST PART OF filecode/filecode OF 'FCRANGE' OPTION TO BE AN INTEGER BETWEEN -32768 AND 32767. SYNTAX
		'FCRANGE=filecode/filecode[,filecode/filecode ...]' (S/R 434)
	CAUSE	<b>You typed the fcrange parameter incorrectly.</b>

	ACTION	<b>Check the syntax and retype the command.</b>
435	MESSAGE	SPECIFIED filecode OF 'FCRANGE' OPTION MUST BE AN INTEGER BETWEEN -32768 AND 32767. SYNTAX  'FCRANGE=filecode/filecode[,filecode/filecode...]' (S/R 435)
	CAUSE	<b>You did not enter a valid file code range.</b>
	ACTION	<b>Enter a valid file code range.</b>
436	MESSAGE	EXPECTED A "/" TO SEPARATE filecode RANGES FOR THE 'FCRANGE' OPTION. SYNTAX  'FCRANGE=filecode/filecode[,filecode/filecode...]' (S/R 436)
	CAUSE	<b>You typed the fcrange parameter incorrectly.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
437	MESSAGE	EXPECTED filecode IN SECOND HALF OF filecode/filecode OF 'FCRANGE' OPTION TO BE AN INTEGER BETWEEN -32768 AND 32767. SYNTAX  'FCRANGE=filecode/filecode[,filecode/filecode...]' (S/R 437)
	CAUSE	<b>You typed the fcrange parameter incorrectly.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
438	MESSAGE	SECOND filecode OF A filecode/filecode PAIR IN THE 'FCRANGE' OPTION MUST BE GREATER THAN THE FIRST, Ex. 'FCRANGE=1030/1061'. SYNTAX  'FCRANGE=filecode/filecode[,filecode/filecode...]' (S/R 438)
	CAUSE	<b>The second file code that you specified was lower than the first.</b>
	ACTION	<b>Retype the command so that the second file code is higher than the first.</b>
439	MESSAGE	MAXIMUM NUMBER OF filecode RANGES (8) EXCEEDED FOR THE FCRANGE OPTION (S/R 439)
	CAUSE	<b>You specified too many file code ranges. The maximum number is 8.</b>
	ACTION	<b>Specify 8 or fewer file code ranges.</b>

- 440           MESSAGE        'FCRANGE' OPTION CANNOT BE USED WITH THE  
                              'LISTDIR' OPTION (S/R 440)
- CAUSE        **Fcrange and listdir options are not allowed on the same  
command line. .**
- ACTION       **Delete either fcrange or listdir option and retype the  
command.**
- 441           MESSAGE        WARNING: 'ONERROR' OPTION HAS BEEN  
                              REDUNDANTLY SPECIFIED  
                              (S/R 441)
- CAUSE        **The ONERROR option was entered more than once.**
- ACTION       **Information only.**
- 442           MESSAGE        EXPECTED '= {error-param}' AFTER 'ONERROR'  
                              OPTION WHERE error-param IS ONE OF 'QUIT' OR  
                              'SKIP'. SYNTAX
- 'ONERR[OR]={QUIT} OR {SKIP}' (S/R 442)
- CAUSE        **You typed the onerror parameter incorrectly.**
- ACTION       **Check the syntax and retype the command.**
- 443           MESSAGE        THE 'FULL' PARAMETER OF THE 'ONERROR' OPTION  
                              REQUIRES (PM) CAPABILITY (S/R 443)
- CAUSE        **You do not have PM capability.**
- ACTION       **Log on to an account with PM capability.**
- 444           MESSAGE        UNKNOWN PARAMETER SPECIFIED FOR THE 'ONERROR'  
                              OPTION. EXPECTED ONE OF 'QUIT' OR 'SKIP'.  
                              SYNTAX
- 'ONERR[OR]={QUIT} OR {SKIP}' (S/R 444)
- CAUSE        **You did not specify a valid onerror option.**
- ACTION       **Retype the command and specify a valid onerror option.**
- 445           MESSAGE        EXPECTED recovery type FOR THE 'ONERROR'  
                              OPTION. EXPECTED  
                              ONE OF 'QUIT' OR 'SKIPFULL'. SYNTAX  
                              'ONERR[OR]={QUIT} OR {SKIP}' (S/R 445)"
- CAUSE        **You typed the onerror parameter incorrectly.**
- ACTION       **Check the syntax and retype the command.**
- 446           MESSAGE        'ONERROR' OPTION CANNOT BE USED WITH THE  
                              'LISTDIR' OPTION  
                              (S/R 446)
- CAUSE        **Onerror and listdir options are not allowed on the same  
command line.**

	ACTION	<b>Delete either onerror or listdir option and retype the command.</b>
447	MESSAGE	'ONERROR=FULL' FUNCTION NOT IMPLEMENTED (S/R 447)
	CAUSE	<b>Onerror=full will be supported in the future release.</b>
	ACTION	<b>Information only.</b>
451	MESSAGE	WARNING: 'SHOW' OPTION HAS BEEN REDUNDANTLY SPECIFIED (S/R 451)
	CAUSE	<b>The SHOW option was entered more than once.</b>
	ACTION	<b>Information only.</b>
452	MESSAGE	EXPECTED '=showparm[,showparm..]' AFTER 'SHOW' OPTION WHERE showparm IS ONE OF 'SHORT', 'LONG', 'DATES', 'OFFLINE', OR 'SECURITY'. SYNTAX
		'SHOW=showparm[,showparm....]' (S/R 452)
	CAUSE	<b>You typed the show parameter incorrectly.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
453	MESSAGE	'SHORT' AND 'LONG' PARAMETERS OF THE 'SHOW' OPTION HAVE BEEN MERGED. THE FIRST SPECIFIED (LONG) WILL BE USED (S/R 453)
	CAUSE	<b>Show=long will be used.</b>
	ACTION	<b>Information only.</b>
454	MESSAGE	'SHORT' AND 'LONG' PARAMETERS OF THE 'SHOW' OPTION HAVE BEEN MERGED. THE FIRST SPECIFIED (SHORT) WILL BE USED (S/R 454)
	CAUSE	<b>Show=short will be used.</b>
	ACTION	<b>Information only.</b>
455	MESSAGE	UNKNOWN PARAMETER SPECIFIED FOR THE 'SHOW' OPTION. EXPECTED ONE OF 'SHORT', 'LONG', 'DATES', 'OFFLINE', 'PATH', OR 'SECURITY'. SYNTAX
		'SHOW=showparm[,showparm....]' (S/R 455)
	CAUSE	<b>You did not type a valid show parameters.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
456	MESSAGE	EXPECTED showparm FOR THE 'SHOW' OPTION. EXPECTED ONE OF 'SHORT', 'LONG', 'DATES', 'OFFLINE', 'PATH', OR 'SECURITY'. SYNTAX

		'SHOW=showparm[ ,showparm....]' (S/R 456)
	CAUSE	<b>You type the show parameters incorrectly.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
457	MESSAGE	'SHOW' OPTION CANNOT BE USED WITH THE 'LISTDIR' OPTION. (S/R 457)
	CAUSE	<b>Show and listdir options are not allowed on the same command line.</b>
	ACTION	<b>Delete either show or listdir option and retype the command.</b>
458	MESSAGE	'SHORT' OPTION CANNOT BE USED WITH THE 'NAMESONLY' OPTION (S/R 458)
	CAUSE	<b>The namesonly and short suboptions to SHOW cannot be used together.</b>
	ACTION	<b>Retype the command, specifying only one of short or namesonly.</b>
459	MESSAGE	'LONG' OPTION CANNOT BE USED WITH THE 'NAMESONLY' OPTION (S/R 459)
	CAUSE	<b>The namesonly and long suboptions to SHOW cannot be used together.</b>
	ACTION	<b>Retype the command, specifying only one of long or namesonly.</b>
461	MESSAGE	WARNING: 'DEV' OPTION HAS BEEN REDUNDANTLY SPECIFIED. LAST SPECIFIED 'DEV' WILL BE USED. (S/R 461)
	CAUSE	<b>The DEV option was entered more than once.</b>
	ACTION	<b>Information only.</b>
462	MESSAGE	'DEV' OPTION CANNOT BE USED WITH THE 'VOL' OPTION. (S/R 462)
	CAUSE	<b>Dev and vol options are not allowed on the same command line.</b>
	ACTION	<b>Delete either dev or vol option and retype the command.</b>
463	MESSAGE	'DEV' OPTION CANNOT BE USED WITH THE 'VOLCLASS' OPTION. (S/R 463)
	CAUSE	<b>Dev and volclass options are not allowed on the same command line.</b>
	ACTION	<b>Delete either dev or volclass option and retype the command.</b>
464	MESSAGE	'DEV' OPTION CANNOT BE USED WITH THE 'VOLSET' OPTION. (S/R 464)

	CAUSE	<b>Dev and volset options are not allowed on the same command line.</b>
	ACTION	<b>Delete either dev or volset option and retype the command.</b>
465	MESSAGE	EXPECTED '=ldn' OR '=deviceclass' AFTER 'DEV' OPTION, WHERE ldn IS A LOGICAL DEVICE NUMBER OF A MOUNTED DISC VOLUME AND deviceclass IS THE NAME OF A VOLUME CLASS THAT IS ON A VOLUME SET CURRENTLY MOUNTED ON YOUR SYSTEM. SYNTAX  'DEV=device' WHERE device IS AN ldn OR A deviceclass. (S/R 465)
	CAUSE	<b>You did not include a ldn or deviceclass after the dev option.</b>
	ACTION	<b>Retype the command and include ldn or deviceclass.</b>
466	MESSAGE	THE SPECIFIED ldn (LOGICAL DEVICE NUMBER) DOES NOT CORRESPOND TO THE DISC VOLUME THAT IS CURRENTLY MOUNTED ON THE SYSTEM. TO BE MOUNTED, THE VOLUME MUST BE A MEMBER OF AN "OPENED" VOLUME SET (S/R 466)
	CAUSE	<b>The system does not recognize ldev number specified.</b>
	ACTION	<b>Enter the correct ldev number and try again.</b>
467	MESSAGE	INVALID DEVICECLASS NAME SPECIFIED FOR 'DEV' OPTION. A DEVICECLASS NAME MUST START WITH AN ALPHA "A-Z" AND CONTAIN ONLY ALPHANUMERIC "A-Z, 0-9", OR "_". SYNTAX  'DEV=device' WHERE device IS AN ldn OR A deviceclass (S/R 467)
	CAUSE	<b>The deviceclass name is misspelled or not recognized by the system.</b>
	ACTION	<b>Retype the command using a valid name.</b>
468	MESSAGE	DEVICECLASS NAME SPECIFIED FOR 'DEV' OPTION EXCEEDED THE MAXIMUM ALLOWABLE LENGTH OF 16 CHARACTERS. SYNTAX  'DEV=device' WHERE device IS AN ldn OR A deviceclass. (S/R 468)
	CAUSE	<b>You entered deviceclass name that was more than 16 characters.</b>
	ACTION	<b>Enter a deviceclass name that has 16 characters or less.</b>

- 469           MESSAGE           EXPECTED 'ldn' OR 'deviceclass' AFTER 'DEV='  
IN 'DEV' OPTION. WHERE ldn is A LOGICAL  
DEVICE NUMBER OF A MOUNTED DISC VOLUME AND  
deviceclass IS THE NAME OF A VOLUME CLASS  
THAT IS ON A VOLUME SET CURRENTLY MOUNTED ON  
YOUR SYSTEM. A DEVICECLASS NAME MUST START  
WITH AN ALPHA "A-Z" AND CONTAIN ONLY  
ALPHANUMERIC "A-Z, 0-9", OR "\_". SYNTAX
- 'DEV=device' WHERE device IS AN ldn OR A  
deviceclass (S/R 469)
- CAUSE           **You type the dev parameter incorrectly.**
- ACTION          **Check the syntax and retype the command.**
- 470           MESSAGE           'DEV' OPTION CANNOT BE USED WITH THE  
'LISTDIR' OPTION (S/R 470)
- CAUSE           **Dev and listdir options are not allowed on the same  
command line.**
- ACTION          **Delete either dev or listdir option and retype the  
command.**
- 471           MESSAGE           'GROUP' OPTION HAS BEEN REDUNDANTLY SPECIFIED  
(S/R 471)
- CAUSE           **The GROUP option was entered more than once.**
- ACTION          **Information only.**
- 472           MESSAGE           'GROUP' OPTION CANNOT BE USED IN CONJUNCTION  
WITH THE 'LOCAL'  
OPTION (S/R 472)
- CAUSE           **Group and local options are not allowed on the same  
command line.**
- ACTION          **Delete either group or local option and retype the  
command.**
- 473           MESSAGE           EXPECTED '=groupname' AFTER 'GROUP' OPTION  
WHERE groupname IS THE NAME OF "GROUP" WHERE  
THE SPECIFIED SET OF FILES IS TO BE RESTORED.  
SYNTAX
- 'GROUP=groupname' (S/R 473)
- CAUSE           **You typed the group parameter incorrectly.**
- ACTION          **Check the syntax and retype the command.**
- 474           MESSAGE           EXPECTED 'groupname' TO BE SPECIFIED FOR  
'GROUP' OPTION. A groupname NAME MUST START  
WITH AN ALPHA "A-Z" AND CONTAIN ONLY  
ALPHANUMERIC "A-Z, 0-9" NOT EXCEEDING 8



CHARACTERS IN LENGTH. SYNTAX

'GROUP=groupname' (S/R 474)

475 CAUSE **You did not include the groupname for group option.**  
ACTION **Check the syntax and retype the command.**  
MESSAGE 'GROUP' OPTION CANNOT BE USED WITH THE  
'LISTDIR' OPTION (S/R 475)

CAUSE **Group and listdir options are not allowed on the same  
command line.**

ACTION **Delete either group or listdir option and retype the  
command.**

481 MESSAGE 'ACCOUNT' OPTION HAS BEEN REDUNDANTLY  
SPECIFIED (S/R 481)

CAUSE **The ACCOUNT option was entered more than once.**

ACTION **Information only.**

482 MESSAGE 'ACCOUNT' OPTION CANNOT BE USED IN  
CONJUNCTION WITH THE 'LOCAL' & OPTION (S/R  
482)

CAUSE **Account and local options are not allowed on the same  
command line.**

ACTION **Delete either account or local option and retype the  
command.**

483 MESSAGE EXPECTED '=accountname' AFTER 'ACCOUNT'  
OPTION WHERE accountname IS THE NAME OF  
"ACCOUNT" WHERE THE SPECIFIED SET OF FILES IS  
TO BE RESTORED. SYNTAX

'ACC[OUN]T=accountname' (S/R 483)

CAUSE **You did not type the account parameter correctly.**

ACTION **Check the syntax and retype the command.**

484 MESSAGE EXPECTED 'accountname' TO BE SPECIFIED FOR  
'ACCOUNT' OPTION. A accountname NAME MUST  
START WITH AN ALPHA "A-Z" AND CONTAIN ONLY  
ALPHANUMERIC "A-Z, 0-9" NOT EXCEEDING 8  
CHARACTERS IN LENGTH. SYNTAX

'ACC[OUN]T=accountname' (S/R 484)

CAUSE **You did not include the accountname for account option.**

ACTION **Check the syntax and retype the command.**

485 MESSAGE 'ACCOUNT' OPTION CANNOT BE USED WITH THE  
'LISTDIR' OPTION (S/R 485)

	CAUSE	<b>Account and listdir options are not allowed on the same command line.</b>
	ACTION	<b>Delete either account or listdir option and retype the command.</b>
501	MESSAGE	WARNING: 'CREATE' OPTION HAS BEEN REDUNDANTLY SPECIFIED (S/R 501)
	CAUSE	<b>The CREATE option was entered more than once.</b>
	ACTION	<b>Information only.</b>
502	MESSAGE	'CREATE' OPTION DEFAULTING TO 'CREATE=ACCOUNT,GROUP,CREATOR' BASED ON YOUR CAPABILITIES. (S/R 502)
	CAUSE	<b>Default parameters are used.</b>
	ACTION	<b>Information only.</b>
503	MESSAGE	'CREATE' OPTION DEFAULTING TO 'CREATE=GROUP,CREATOR' BASED ON YOUR CAPABILITIES. NOTE: ONLY GROUPS AND USERS IN YOUR ACCOUNT WILL BE CREATED. (S/R 503)
	CAUSE	<b>Create only creating groups and users in your account.</b>
	ACTION	<b>Information only.</b>
504	MESSAGE	'CREATE' OPTION REQUIRES (SM) CAPABILITY FOR 'ACCOUNT' PARAMETER AND (SM) AND/OR (AM) CAPABILITY FOR 'GROUP' AND 'CREATOR' PARAMETERS. (S/R 504)
	CAUSE	<b>You do not have system manager (SM) capability.</b>
	ACTION	<b>Log on to an account with SM or have your system manager perform the tasks.</b>
505	MESSAGE	'GROUP' PARAMETER OF THE 'CREATE' OPTION REQUIRES (SM) AND/OR (AM) CAPABILITY. NOTE: (AM) CAPABILITY WILL ONLY ALLOW YOU TO CREATE GROUPS IN YOUR HOME ACCOUNT (S/R 505)
	CAUSE	<b>You do not have system manager (SM) capability or account manager (AM) capabilities for this account.</b>
	ACTION	<b>Log on to an account with system manager (SM) capability or have your system manager perform the tasks.</b>
506	MESSAGE	NOTE: WITH (AM) CAPABILITY 'GROUP' PARAMETER OF THE 'CREATE' OPTION WILL ONLY ALLOW YOU TO CREATE GROUPS IN YOUR HOME ACCOUNT. (S/R 506)
	CAUSE	<b>You may only create groups in your home account.</b>

	ACTION	<b>Information only.</b>
507	MESSAGE	'USER' PARAMETER OF THE 'CREATE' OPTION REQUIRES (SM) AND/OR (AM) CAPABILITY. NOTE: (AM) CAPABILITY WILL ONLY ALLOW YOU TO CREATE USERS IN YOUR HOME ACCOUNT (S/R 507)
	CAUSE	<b>You do not have system manager capability or account manager capability.</b>
	ACTION	<b>Log on to an account with SM or have your system manager perform the tasks.</b>
508	MESSAGE	'ACCOUNT' PARAMETER OF THE 'CREATE' OPTION REQUIRES (SM) CAPABILITY (S/R 508)
	CAUSE	<b>Same as message content.</b>
	ACTION	<b>Include account parameter for the create option.</b>
509	MESSAGE	NOTE: WITH (AM) CAPABILITY 'USER' PARAMETER OF THE 'CREATE' OPTION WILL ONLY ALLOW YOU TO CREATE USER IN YOUR HOME ACCOUNT (S/R 509)
	CAUSE	<b>You may only create users in your home account.</b>
	ACTION	<b>Information only.</b>
510	MESSAGE	UNKNOWN PARAMETER SPECIFIED FOR THE 'CREATE' OPTION. EXPECTED ONE OF 'ACCOUNT', 'GROUP', OR 'CREATOR'. SYNTAX 'CREATE[=createparm[,createparm...]]' WHERE createparm IS ONE OF 'ACCOUNT', 'GROUP', OR 'CREATOR' (S/R 510)
	CAUSE	<b>You did not specify a valid create parameter.</b>
	ACTION	<b>Retype the command and include a valid create parameter.</b>
511	MESSAGE	EXPECTED createparm FOR THE 'CREATE' OPTION. EXPECTED ONE OF 'ACCOUNT', 'GROUP', OR 'CREATOR'. SYNTAX  'CREATE[=createparm[,createparm...]]' WHERE createparm IS ONE OF 'ACCOUNT', 'GROUP', OR 'CREATOR'. (S/R 511)
	CAUSE	<b>You did not include the create parameter.</b>
	ACTION	<b>Retype the command and include a create parameter.</b>
512	MESSAGE	'CREATE' OPTION CANNOT BE USED WITH THE 'LISTDIR' OPTION (S/R 512)
	CAUSE	<b>Create and listdir options are not allowed on the same command line.</b>
	ACTION	<b>Delete either create or listdir option and retype the</b>

		<b>command.</b>
513	MESSAGE	'CREATE' OPTION DEFAULTING TO 'CREATE=PATH' BASED ON YOUR CAPABILITIES. NOTE: ONLY PATHS ALLOWED BY SECURITY RULES WILL BE CREATED (S/R 513)
	CAUSE	<b>Since no suboptions were given to CREATE, the default suboption is PATH, based on the user's capabilities.</b>
	ACTION	<b>Information only.</b>
521	MESSAGE	'CREATOR' OPTION HAS BEEN REDUNDANTLY SPECIFIED (S/R 521)
	CAUSE	<b>The CREATOR option was entered more than once.</b>
	ACTION	<b>Information only.</b>
522	MESSAGE	EXPECTED '=username' AFTER 'CREATOR' OPTION WHERE username IS THE NAME OF "USER" WHO EXISTS IN THE ACCOUNT WHERE THE SPECIFIED SET OF FILES IS TO BE RESTORED SUCH THAT THE SPECIFIED USER IS TO BE THE NEW "CREATOR" OF THE FILES. SYNTAX  'CREATOR[=username]' WHERE 'CREATOR' WITH NO "username" SPECIFIED DEFAULTS TO THE ORIGINAL CREATOR OF THE FILE. (S/R 522)
	CAUSE	<b>You did not specify a valid creator parameter.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
523	MESSAGE	EXPECTED 'username' TO BE SPECIFIED FOR 'CREATOR' OPTION. A username NAME MUST START WITH AN ALPHA "A-Z" AND CONTAIN ONLY ALPHANUMERIC "A-Z, 0-9" NOT EXCEEDING 8 CHARACTERS IN LENGTH. SYNTAX  'CREATOR[=username]' WHERE 'CREATOR' WITH NO "username" SPECIFIED DEFAULTS TO THE ORIGINAL CREATOR OF THE FILE. (S/R 523)
	CAUSE	<b>You did not specify the username for the creator option.</b>
	ACTION	<b>Retype the command and include the username.</b>
524	MESSAGE	'CREATOR' OPTION CANNOT BE USED WITH THE 'LISTDIR' OPTION (S/R 524)
	CAUSE	<b>Creator and listdir options are not allowed on the same command line.</b>
	ACTION	<b>Delete either creator or listdir option and retype the command.</b>
525	MESSAGE	! NOT RESTORED: FILE CREATOR REQUIRES (ND)

		CAPABILITY (S/R 525)
	CAUSE	<b>You can not restore this file because you need to have non-sharable device capability.</b>
	ACTION	<b>As the system manager or operator to restore this file for you.</b>
526	MESSAGE	EXPECTED 'acctname' TO BE SPECIFIED FOR 'CREATOR' OPTION. AN acctname NAME MUST START WITH AN ALPHA "A-Z" AND CONTAIN ONLY ALPHANUMERIC "A-Z, 0-9" NOT EXCEEDING 8 CHARACTERS IN LENGTH. SYNTAX 'CREATOR[=username[.acctname]]' WHERE 'CREATOR' WITH NO "username" AND "acctname" SPECIFIED DEFAULTS TO THE ORIGINAL CREATOR OF THE FILE (S/R 526)
	CAUSE	<b>The acctname suboption was missing from the creator option.</b>
	ACTION	<b>Check the syntax of the creator option and retype the command.</b>
527	MESSAGE	EXPECTED '.' TO BE SPECIFIED AFTER username FOR 'CREATOR' OPTION. SYNTAX 'CREATOR[=username[.acctname]]' WHERE 'CREATOR' WITH NO "username" AND "acctname" SPECIFIED DEFAULTS TO THE ORIGINAL CREATOR OF THE FILE (S/R 527)
	CAUSE	<b>The acctname part of the creator option was not specified correctly.</b>
	ACTION	<b>Check the syntax of the acctname part of creator and retype the command.</b>
531	MESSAGE	WARNING: 'LOCAL' OPTION HAS BEEN REDUNDANTLY SPECIFIED (S/R 531)
	CAUSE	<b>The LOCAL option was entered more than once.</b>
	ACTION	<b>Information only.</b>
532	MESSAGE	'LOCAL' OPTION CANNOT BE USED IN CONJUNCTION WITH THE 'GROUP' OPTION (S/R 532)
	CAUSE	<b>Local and group options are not allowed on the same command line.</b>
	ACTION	<b>Delete either local or group option and retype the command.</b>
533	MESSAGE	'LOCAL' OPTION CANNOT BE USED IN CONJUNCTION WITH THE 'ACCOUNT' OPTION (S/R 533)
	CAUSE	<b>Local and account options are not allowed on the same command line.</b>

	ACTION	<b>Delete either local or account option and retype the command.</b>
534	MESSAGE	'LOCAL' OPTION CANNOT BE USED WITH THE 'LISTDIR' OPTION (S/R 534)
	CAUSE	<b>Local and listdir options are not allowed on the same command line.</b>
	ACTION	<b>Delete either local or listdir option and retype the command.</b>
541	MESSAGE	WARNING: 'KEEP' OPTION HAS BEEN REDUNDANTLY SPECIFIED. (S/R 541)
	CAUSE	<b>The KEEP option was entered more than once.</b>
	ACTION	<b>Information only.</b>
542	MESSAGE	'KEEP' OPTION CANNOT BE USED IN CONJUNCTION WITH THE 'NOKEEP' OPTION. (S/R 542)
	CAUSE	<b>Keep and nokeep options are not allowed on the same command line.</b>
	ACTION	<b>Delete either keep or nokeep option and retype the command.</b>
543	MESSAGE	'KEEP' OPTION CANNOT BE USED WITH THE 'LISTDIR' OPTION. (S/R 543)
	CAUSE	<b>Keep and listdir options are not allowed on the same command line.</b>
	ACTION	<b>Delete either keep or listdir option and retype the command.</b>
551	MESSAGE	WARNING: 'NOKEEP' OPTION HAS BEEN REDUNDANTLY SPECIFIED. (S/R 551)
	CAUSE	<b>The NOKEEP option was entered more than once.</b>
	ACTION	<b>Information only.</b>
552	MESSAGE	'NOKEEP' OPTION CANNOT BE USED IN CONJUNCTION WITH THE 'KEEP' OPTION. (S/R 552)
	CAUSE	<b>Nokeep and keep options are not allowed on the same command line.</b>
	ACTION	<b>Delete either nokeep or keep option and retype the command.</b>
553	MESSAGE	'NOKEEP' OPTION CANNOT BE USED WITH THE 'LISTDIR' OPTION. (S/R 553)
	CAUSE	<b>Nokeep and listdir options are not allowed on the same command line.</b>
	ACTION	<b>Delete either nokeep or listdir option and retype the</b>

		<b>command.</b>
561	MESSAGE	WARNING: 'OLDDATE' OPTION HAS BEEN REDUNDANTLY SPECIFIED. (S/R 561)
	CAUSE	<b>The OLDDATE option was entered more than once.</b>
	ACTION	<b>Information only.</b>
562	MESSAGE	'OLDDATE' OPTION CANNOT BE USED IN CONJUNCTION WITH THE 'NEWDATE' OPTION. (S/R 562)
	CAUSE	<b>Olddate and newdate options are not allowed on the same command line.</b>
	ACTION	<b>Delete either olddate or newdate option and retype the command.</b>
563	MESSAGE	'OLDDATE' OPTION CANNOT BE USED WITH THE 'LISTDIR' OPTION. (S/R 563)
	CAUSE	<b>Olddate and listdir options are not allowed on the same command line.</b>
	ACTION	<b>Delete either olddate or listdir option and retype the command.</b>
571	MESSAGE	WARNING: 'NEWDATE' OPTION HAS BEEN REDUNDANTLY SPECIFIED. (S/R 571)
	CAUSE	<b>The NEWDATE option was entered more than once.</b>
	ACTION	<b>Information only.</b>
572	MESSAGE	'NEWDATE' OPTION CANNOT BE USED IN CONJUNCTION WITH THE 'OLDDATE' OPTION. (S/R 572)
	CAUSE	<b>Newdate and olddate options are not allowed on the same command line. .</b>
	ACTION	<b>Delete either newdate or olddate option and retype the command.</b>
573	MESSAGE	'NEWDATE' OPTION CANNOT BE USED WITH THE 'LISTDIR' OPTION. (S/R 573)
	CAUSE	<b>Newdate and listdir options are not allowed on the same command line. .</b>
	ACTION	<b>Delete either newdate or listdir option and retype the command.</b>
581	MESSAGE	'LISTDIR' OPTION CANNOT BE USED IN CONJUNCTION WITH ANY OTHER OPTION ASIDE FROM THE 'DIRECTORY' OPTION. (S/R 581)
	CAUSE	<b>Same as the message content.</b>

	ACTION	<b>Information only.</b>
591	MESSAGE	WARNING: 'DATE' OPTION HAS BEEN REDUNDANTLY SPECIFIED. (S/R 591)
	CAUSE	<b>The DATE option was entered more than once.</b>
	ACTION	<b>Information only.</b>
592	MESSAGE	EXPECTED '<=accddate' OR '>=moddate' AFTER 'DATE' OPTION WHERE '<=' PRIOR TO OR THE SAME AS THAT DATE WILL BE SELECTED FOR STORE, AND '>=moddate' SPECIFIES A DATE SUCH THAT FILES MODIFIED AFTER OR ON THAT DATE WILL BE SELECTED FOR STORE. SYNTAX  'DATE>=moddate' OR 'DATE<=accddate'. (S/R 592)
	CAUSE	<b>You did not type the date parameter correctly.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
593	MESSAGE	THE MONTH PORTION OF SPECIFIED DATE MUST BE BETWEEN 1 AND 12. DATE SYNTAX  'mm/dd/yy[yy]' (S/R 593)
	CAUSE	<b>You did not specify a valid number for the month parameter.</b>
	ACTION	<b>Check the syntax and enter a valid number.</b>
594	MESSAGE	A SLASH "/" WAS EXPECTED TO SEPARATE THE MONTH (mm) FROM THE DAY (dd) IN THE SPECIFIED DATE. SYNTAX  'mm/dd/yy[yy]' (S/R 594)
	CAUSE	<b>You did not include a slash.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
595	MESSAGE	DAY PORTION OF DATE IS INVALID. IT MUST BE BETWEEN 1 AND 28, 29, 30, OR 31 BASED ON THE SPECIFIED DATE. SYNTAX  'mm/dd/yy[yy]' (S/R 595)
	CAUSE	<b>You did not include a valid number for day parameter.</b>
	ACTION	<b>Check the syntax and enter a valid number for day parameter.</b>
596	MESSAGE	A SLASH "/" WAS EXPECTED TO SEPARATE THE MONTH (dd) FROM THE YEAR (yy[yy]) IN THE SPECIFIED DATE. SYNTAX



		'mm/dd/yy[yy]' (S/R 596)
	CAUSE	<b>You did not include a slash.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
597	MESSAGE	YEAR PORTION OF DATE IS INVALID. IT MUST BE GREATER THAN 1970 (70) AND LESS THAN 2127 OR 99 FOR 1999. DATE SYNTAX
		'mm/dd/yy[yy]' (S/R 597)
	CAUSE	<b>You did not include a valid number for the year parameter.</b>
	ACTION	<b>Check the syntax and enter a valid number for the year parameter.</b>
598	MESSAGE	EXPECTED MONTH (mm) PORTION OF DATE. SPECIFIED MONTH VALUE MUST BE BETWEEN 1 AND 12. DATE SYNTAX
		'mm/dd/yy[yy]' (S/R 598)
	CAUSE	<b>You did not include month parameter for date option.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
599	MESSAGE	EXPECTED DAY (dd) PORTION OF DATE. SPECIFIED DAY VALUE MUST BE BETWEEN 1 AND 28, 29, 30, OR 31 BASED ON THE SPECIFIED MONTH. DATE SYNTAX
		'mm/dd/yy[yy]' (S/R 599)
	CAUSE	<b>You did not include day parameter for date option.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
600	MESSAGE	EXPECTED YEAR (yy[yy]) PORTION OF DATE. SPECIFIED YEAR VALUE MUST BE GREATER THAN 1970 (70) AND LESS THAN 2127 OR 99 FOR 1999. DATE SYNTAX
		'mm/dd/yy[yy]' (S/R 600)
	CAUSE	<b>You did not include year parameter for date option.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
601	MESSAGE	'DATE' OPTION CANNOT BE USED WITH THE 'LISTDIR' OPTION (S/R 601)
	CAUSE	<b>Date and listdir options are not allowed on the same command line.</b>
	ACTION	<b>Delete either date or listdir option and retype the command.</b>
611	MESSAGE	WARNING: 'PURGE' OPTION HAS BEEN REDUNDANTLY

		SPECIFIED (S/R 611)
	CAUSE	<b>The PURGE option was entered more than once.</b>
	ACTION	<b>Information only.</b>
631	MESSAGE	WARNING: 'ONERROR' OPTION HAS BEEN REDUNDANTLY SPECIFIED. (S/R 631)
	CAUSE	<b>The ONERROR option was entered more than once.</b>
	ACTION	<b>Information only.</b>
632	MESSAGE	EXPECTED '=error-param' AFTER 'ONERROR' OPTION WHERE error-param IS EITHER 'QUIT' OR 'REDO'. SYNTAX
		'ONERR[OR]={QUIT}, OR {REDO} (S/R 632)
	CAUSE	<b>You did not type the onerror parameter correctly.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
633	MESSAGE	UNKNOWN PARAMETER SPECIFIED FOR THE 'ONERROR' OPTION. EXPECTED EITHER 'QUIT' OR 'REDO'. SYNTAX
		'ONERR[OR]={QUIT}, OR {REDO} (S/R 633)
	CAUSE	<b>You typed a invalid onerror parameter.</b>
	ACTION	<b>Retype the command and include a valid onerror parameter.</b>
641	MESSAGE	EXPECTED '=(read cnt),(queued writes),(outstanding writes)' AFTER 'TUNE' OPTION. SYNTAX
		'TUNE=(read cnt),(queued writes),(outstanding writes)' (S/R 641)
	CAUSE	<b>You did not type the tune parameter correctly.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
642	MESSAGE	EXPECTED '(read cnt),(queued writes),(outstanding writes)' AFTER 'TUNE=' IN 'TUNE' OPTION. SYNTAX
		'TUNE=(read cnt), (queued writes), (outstanding writes)' (S/R 642)
	CAUSE	<b>You did not specify a valid tune parameter.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
643	MESSAGE	EXPECTED (read cnt) OF 'TUNE' OPTION TO BE BETWEEN 1 and 12. SYNTAX

		'TUNE=(read cnt),(queued writes),(outstanding writes)' (S/R 642)
	CAUSE	<b>The read cnt parameter is not in the correct range.</b>
	ACTION	<b>Retype the command and include a valid number.</b>
644	MESSAGE	EXPECTED '(queued writes),(outstanding writes)' AFTER 'TUNE=(read cnt)' IN 'TUNE' OPTION. SYNTAX
		'TUNE=(read cnt),(queued writes),(outstanding writes)' (S/R 644)
	CAUSE	<b>You did not type the tune parameter correctly.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
645	MESSAGE	EXPECTED (queued writes) OF 'TUNE' OPTION TO BE BETWEEN 1 and 16. SYNTAX
		'TUNE=(read cnt),(queued writes),(outstanding writes)' (S/R 645)
	CAUSE	<b>The queued writes parameter is not in the range.</b>
	ACTION	<b>Retype the command and include a valid number.</b>
646	MESSAGE	EXPECTED ',' TO SEPARATE PARAMETERS FOR THE 'TUNE' OPTION. SYNTAX
		'TUNE=(read cnt),(queued writes),(outstanding writes)' (S/R 646)
	CAUSE	<b>You did not include a comma.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
647	MESSAGE	EXPECTED '(outstanding writes)' AFTER 'TUNE=(read cnt),(queued writes)' IN 'TUNE' OPTION. SYNTAX
		'TUNE=(read cnt),(queued writes),(outstanding writes)' (S/R 647)
	CAUSE	<b>You did not type the tune parameter correctly.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
648	MESSAGE	EXPECTED (outstanding writes) OF 'TUNE' OPTION TO BE BETWEEN 1 and 4. SYNTAX
		'TUNE=(read cnt),(queued writes),(outstanding writes)' (S/R 648)
	CAUSE	<b>The outstanding writes parameter is not in the range.</b>
	ACTION	<b>Retype the command and include a valid number.</b>

670	MESSAGE	WARNING: 'LISTDIR' OPTION HAS BEEN REDUNDANTLY SPECIFIED. (S/R 670)
	CAUSE	<b>The LISTDIR option was entered more than once.</b>
	ACTION	<b>Information only.</b>
675	MESSAGE	'MAXTAPEBUF' OPTION HAS BEEN REDUNDANTLY SPECIFIED. (S/R 675)
	CAUSE	<b>The MAXTAPEBUF option was entered more than once.</b>
	ACTION	<b>Information only.</b>
676	MESSAGE	'MAXTAPEBUF' OPTION CANNOT BE USED WITH 'TRANSPORT' TO MPEv. (S/R 676)
	CAUSE	<b>Maxtapebuf and transport options are not allowed on the same command line.</b>
	ACTION	<b>Delete either maxtapebuf or transport option and retype the command.</b>
681	MESSAGE	'INTER' OPTION CANNOT BE USED WITH 'TRANSPORT' TO MPEv. (S/R 681)
	CAUSE	<b>Inter and transport options are not allowed on the same command line.</b>
	ACTION	<b>Delete either inter or transport option and retype the command.</b>
682	MESSAGE	WARNING: 'INTER' OPTION HAS BEEN REDUNDANTLY SPECIFIED (S/R 682)
	CAUSE	<b>The INTER option was entered more than once.</b>
	ACTION	<b>Information only.</b>
691	MESSAGE	'COMPRESS' OPTION CANNOT BE USED WITH 'TRANSPORT' TO MPEv. (S/R 691)
	CAUSE	<b>COMPRESS and TRANSPORT options are not allowed on the same command line.</b>
	ACTION	<b>CMSTORE and V/E cannot handle COMPRESS. Delete either COMPRESS or TRANSPORT option and retype the command.</b>
692	MESSAGE	'COMPRESS' OPTION REDUNDANTLY SPECIFIED (S/R 692)
	CAUSE	<b>COMPRESS was entered twice on the same command line.</b>
	ACTION	<b>Delete one of the COMPRESS options and retype the command.</b>
693	MESSAGE	EXPECTED '=compressionparm[,compressionparm..]' AFTER

		'COMPRESS' OPTION WHERE compressionparm IS ONE OF 'HIGH' OR 'LOW'. SYNTAX 'COMPRESS=compressionparm[,compressionparm...]' (S/R 693)
	CAUSE	<b>You left out the '=' sign after the COMPRESS option.</b>
	ACTION	<b>Retype the command and include the '=' sign after the COMPRESS option.</b>
694	MESSAGE	EXPECTED 'compressionparm[,compressionparm...]' AFTER 'COMPRESS=' OPTION WHERE compressionparm IS ONE OF 'HIGH' OR 'LOW'. SYNTAX 'COMPRESS=compressionparm[,compressionparm...]' (S/R 694)
	CAUSE	<b>You typed an invalid parameter for COMPRESS option.</b>
	ACTION	<b>Retype the command and include a valid parameter for COMPRESS option.</b>
695	MESSAGE	'HIGH' AND 'LOW' PARAMETERS OF THE 'COMPRESS' OPTION CANNOT BE SPECIFIED TOGETHER (S/R 695)
	CAUSE	<b>HIGH and LOW parameters are not allowed on the same command line.</b>
	ACTION	<b>Delete either LOW or HIGH parameter and retype the command.</b>
696	MESSAGE	'LOW' PARAMETER OF 'COMPRESS' OPTION CANNOT BE REDUNDANTLY SPECIFIED (S/R 696)
	CAUSE	<b>The parameter LOW was specified twice.</b>
	ACTION	<b>Delete one of the LOW parameters and retype the command.</b>
697	MESSAGE	'HIGH' PARAMETER OF 'COMPRESS' OPTION CANNOT BE REDUNDANTLY SPECIFIED (S/R 697)
	CAUSE	<b>The parameter HIGH was specified twice.</b>
	ACTION	<b>Delete one of the HIGH parameters and retype the command.</b>
699	MESSAGE	COMPRESSION OPTION IS NOT AVAILABLE ON YOUR VERSION OF STORE (S/R 699)
	CAUSE	<b>This option is available only if TurboSTORE XL is installed on you system.</b>
	ACTION	<b>TurboSTORE XL is not part of the fundamental operating system but may be purchased separately.</b>
701	MESSAGE	'SPLITVS' OPTION CANNOT BE USED WITH THE 'TRANSPORT' TO MPEv (S/R 701)

	CAUSE	<b>SPLITVS and TRANSPORT options are not allowed on the same command line.</b>
	ACTION	<b>Delete SPLITVS or TRANSPORT option and retype the command.</b>
702	MESSAGE	WARNING: 'SPLITVS' OPTION HAS BEEN REDUNDANTLY SPECIFIED (S/R 702)
	CAUSE	<b>The SPLITVS option was entered more than once.</b>
	ACTION	<b>Information only.</b>
703	MESSAGE	EXPECTED '=volumesetname[,volumesetname...]' AFTER 'SPLITVS' OPTION SYNTAX 'SPLITVS=volumesetname[,volumesetname...]' (S/R 703)
	CAUSE	<b>The '=' sign was left out after the SPLITVS option.</b>
	ACTION	<b>Retype the command and include the '=' sign after the SPLITVS option.</b>
704	MESSAGE	INVALID VOLUMESSET NAME SPECIFIED FOR 'SPLITVS' OPTION. VOLUMESSET NAME MUST START WITH AN ALPHA "A-Z" AND CONTAIN ONLY ALPHANUMERIC "A-Z, 0-9", "_" AND "." SYNTAX 'SPLITVS=volumesetname[,volumesetname...]' (S/R 704)
	CAUSE	<b>The volumeset name specified for SPLITVS is invalid.</b>
	ACTION	<b>Retype the command and include a valid volumeset name.</b>
705	MESSAGE	VOLUMESSET NAME SPECIFIED FOR 'SPLITVS' OPTION EXCEEDED THE MAXIMUM ALLOWABLE LENGTH OF 32 CHARACTERS. SYNTAX 'SPLITVS=volumesetname[,volumesetname...]' (S/R 705)
	CAUSE	<b>The volumeset name specified for SPLITVS option includes more than 32 characters.</b>
	ACTION	<b>Retype the command and make sure the volumeset name includes 32 characters or less.</b>
706	MESSAGE	EXPECTED 'volumesetname[,volumesetname...]' AFTER 'SPLITVS=' WHERE volumesetname IS THE NAME OF A VOLUME SET THAT IS CURRENTLY MOUNTED IN A SPLIT STATE ON YOUR SYSTEM. SYNTAX 'SPLITVS=volumesetname[,volumesetname...]' (S/R 706)
	CAUSE	<b>You have not entered a mounted volumesetname for SPLITVS option.</b>
	ACTION	<b>Retype the command and include a mounted</b>

**volumesetname** with your command.





# **11 Store/Restore (Native Mode) and TurboSTORE/iX II**

**(S/R) cont.**

707	MESSAGE	STORE/RESTORE DOES NOT ALLOW MORE THAN TWENTY (20) "volumesetnames" TO BE SPECIFIED FOR THE 'SPLITVS' OPTION (S/R 707)
	CAUSE	<b>You have included more than 20 volumesetnames on the same command line.</b>
	ACTION	<b>Retype the command and make sure not to exceed 20 volumesetnames.</b>
708	MESSAGE	"volumesetname" SPECIFIED DOES NOT EXIST (IS NOT MOUNTED) ON THIS SYSTEM IN SPLIT STATE (S/R 708)
	CAUSE	<b>The specified volumesetname does not exist in the system or it is not mounted.</b>
	ACTION	<b>Retype the command and make sure you typed the volumesetname correctly and it is mounted.</b>
709	MESSAGE	A "volumesetname" IS SPECIFIED FOR ONVS AS WELL AS SPLITVS OPTION (S/R 709)
	CAUSE	<b>A volumesetname included for the ONVS option cannot be specified for the SPLITVS option and vice versa.</b>
	ACTION	<b>Use different volumesetnames and retype the command.</b>
710	MESSAGE	'SPLITVS' OPTION CANNOT BE USED WITH THE 'PURGE' OPTION (S/R 710)
	CAUSE	<b>SPLITVS and PURGE options are not allowed on the same command line.</b>
	ACTION	<b>Delete PURGE option and retype the command.</b>
711	MESSAGE	'SPLITVS' OPTION CANNOT BE USED WITH THE 'PURGE' OPTION (S/R 711)
	CAUSE	<b>SPLITVS and PURGE options are not allowed in the same command line.</b>
	ACTION	<b>Delete either SPLITVS or PURGE option and retype the command.</b>
712	MESSAGE	'SPLITVS' OPTION CANNOT BE USED WITH THE 'ONLINE' OPTION (S/R 712)
	CAUSE	<b>SPLITVS and ONLINE options are not allowed in the same command line.</b>
	ACTION	<b>Delete either SPLITVS or ONLINE option and retype the command.</b>
713	MESSAGE	'SPLITVS' OPTION CANNOT BE USED WITH THE

		'DYNAMIC' OPTION (S/R 713)
	CAUSE	<b>SPLITVS and DYNAMIC options are not allowed on the same command line.</b>
	ACTION	<b>Delete either SPLITVS or DYNAMIC option and retype the command.</b>
721	MESSAGE	'MOSET' OPTION CANNOT BE USED WITH THE 'TRANSPORT' TO MPEv (S/R 721)
	CAUSE	<b>MOSET and TRANSPORT options are not allowed on the same command line.</b>
	ACTION	<b>CMSTORE and V/E cannot handle MOSET option. Delete either MOSET or TRANSPORT option and retype the command.</b>
722	MESSAGE	'MOSET' OPTION HAS BEEN REDUNDANTLY SPECIFIED (S/R 722)
	CAUSE	<b>You specified MOSET option twice.</b>
	ACTION	<b>Delete one of the MOSET options and retype the command.</b>
723	MESSAGE	'MOSET' OPTION MAY NOT BE SPECIFIED IN CONJUNCTION WITH A POSITIONAL DEVICE FILE. Ex. 'STORE . . . ; *MO; MOSET=(MO1,MO2)' IS INVALID (S/R 723)
	CAUSE	<b>The name of the device in the form of *MO should not be specified when using MOSET option.</b>
	ACTION	<b>Delete *MO from your command line and retype the command.</b>
724	MESSAGE	EXPECTED '=(device[,...])[,(device[,...])]' AFTER 'MOSET' OPTION WHERE device IS A VALID LDEV NUMBER OR A DEVICE NAME. SYNTAX 'MOSET=(device[,...])[,(device[,...])]' (S/R 724)
	CAUSE	<b>You did not include a '=' sign after the MOSET option.</b>
	ACTION	<b>Retype the command line and include a '=' sign after the MOSET option.</b>
725	MESSAGE	EXPECTED A '(' TO START A MOSET. Ex. 'MOSET=(MO1,MO2). SYNTAX 'MOSET=(device[,...])[,(device[,...])]' (S/R 725)
	CAUSE	<b>You did not include a '(' to start a moreset after the MOSET option.</b>
	ACTION	<b>Retype the command and include a '(' in your command line.</b>

726	MESSAGE	EXPECTED 'device' FILE SPECIFICATION IN MOSET. Ex. MOSET=(MO1,MO2). SYNTAX 'MOSET=(device[,...])[,(device[,...])]' (S/R 726)
	CAUSE	<b>Your MOSET includes invalid device names or ldev numbers.</b>
	ACTION	<b>Retype the command and include valid device names or ldev numbers.</b>
727	MESSAGE	MAXIMUM NUMBER OF 'device" SPECIFICATION EXCEEDED FOR A SERIAL MOSET. Ex. MOSET=(MO1,MO2,...Mon) EXCEEDS THE MAXIMUM OF 8 (S/R 727)
	CAUSE	<b>You have included more than 8 devices for MOSET option.</b>
	ACTION	<b>Retype the command and type valid number of devices with MOSET option.</b>
728	MESSAGE	EXPECTED A ')' TO TERMINATE A SERIAL THE 'MOSET' OPTION. SYNTAX 'MOSET=(device[,...])[,(device[,...])]' (S/R 728)
	CAUSE	<b>You have not included a ')' to terminate your moset list after the MOSET option.</b>
	ACTION	<b>Retype the command and include a ')' to terminate your moset list.</b>
729	MESSAGE	EXPECTED A NAME AS 'device' FILE SPECIFICATION IN MOSET. NAME AND NUMERIC DEVICE SPECIFICATIONS CAN NOT BE SPECIFIED TOGETHER FOR THE MOSET OPTION (S/R 729)
	CAUSE	<b>Mixing device names and ldev numbers are not allowed with MOSET option.</b>
	ACTION	<b>Either use all device names or ldev numbers with the MOSET option.</b>
730	MESSAGE	EXPECTED A NUMBER AS 'device' FILE SPECIFICATION IN MOSET. NAME AND NUMERIC DEVICE SPECIFICATIONS CAN NOT BE SPECIFIED TOGETHER FOR THE MOSET OPTION (S/R 730)
	CAUSE	<b>Mixing device name and ldev numbers with MOSET option is not allowed.</b>
	ACTION	<b>Either use all device names or ldev numbers with the MOSET option.</b>
731	MESSAGE	'MOSET' OPTION NOT ALLOWED IN SYSGEN/STORE. (S/R 731)
	CAUSE	<b>MOSET option is not allowed when STORE command is</b>

		<b>called inside SYSGEN.</b>
	ACTION	<b>Do not use MOSET option with STORE command from SYSGEN.</b>
735	MESSAGE	'NAME' OPTION HAS BEEN REDUNDANTLY SPECIFIED (S/R 735)
	CAUSE	<b>The NAME option was entered twice.</b>
	ACTION	<b>Delete one of the NAME options and retype the command.</b>
736	MESSAGE	EXPECTED '=fname' AFTER 'NAME' OPTION WHERE fname IS THE NAME OF THE BACKUP YOU WANT TO USE FOR THIS OPERATION. SYNTAX 'NAME=fname[.gname[.aname]]' (S/R 736).
	CAUSE	<b>You have not included an '=' sign after the NAME option.</b>
	ACTION	<b>Include an '=' sign after the NAME option and retype the command.</b>
737	MESSAGE	EXPECTED 'fname' TO BE SPECIFIED FOR 'NAME' OPTION. A fname NAME MUST START WITH AN ALPHA "A-Z" AND CONTAIN ONLY ALPHANUMERIC "A-Z, 0-9" NOT EXCEEDING 8 CHARACTERS IN LENGTH. SYNTAX 'NAME=fname[.gname[.aname]]' (S/R 737).
	CAUSE	<b>You have entered an invalid filename for the NAME option.</b>
	ACTION	<b>Retype the command and include a valid filename for NAME option.</b>
738	MESSAGE	EXPECTED '.gname' AFTER 'NAME' OPTION WHERE gname QUALIFIES NAME OF THE BACKUP YOU WANT TO USE FOR THIS OPERATION. SYNTAX 'NAME=fname[.gname[.aname]]' (S/R 738).
	CAUSE	<b>You have not included a '.' between fname and gname in your command line.</b>
	ACTION	<b>Include a '.' between fname and gname and retype the command.</b>
739	MESSAGE	EXPECTED 'gname' TO BE SPECIFIED FOR 'NAME' OPTION. A gname NAME MUST START WITH AN ALPHA "A-Z" AND CONTAIN ONLY ALPHANUMERIC "A-Z, 0-9" NOT EXCEEDING 8 CHARACTERS IN LENGTH. SYNTAX 'NAME=fname[.gname[.aname]]' (S/R 739).
	CAUSE	<b>You have entered an invalid gname on your command line.</b>
	ACTION	<b>Retype the command and include a valid gname.</b>
740	MESSAGE	EXPECTED '.aname' AFTER 'NAME' OPTION WHERE

		aname QUALIFIES NAME OF THE BACKUP YOU WANT TO USE FOR THIS OPERATION. SYNTAX 'NAME=fname[.gname[.aname]]' (S/R 740).
	CAUSE	<b>You have not included a '.' between gname and aname on your command line.</b>
	ACTION	<b>Retype the command and include a '.' between gname and aname.</b>
741	MESSAGE	EXPECTED 'aname' TO BE SPECIFIED FOR 'NAME' OPTION. A aname NAME MUST START WITH AN ALPHA "A-Z" AND CONTAIN ONLY ALPHANUMERIC "A-Z, 0-9" NOT EXCEEDING 8 CHARACTERS IN LENGTH. SYNTAX 'NAME=fname[.gname[.aname]]' (S/R 741).
	CAUSE	<b>You have entered an invalid account name with your command line.</b>
	ACTION	<b>Retype the command and include a valid account name.</b>
743	MESSAGE	MOSET OPTION IS REQUIRED WITH NAME OPTION FOR (RE)STORE TO MO. (S/R 743)
	CAUSE	<b>MOSET option is a required parameter when you include NAME option on your command line.</b>
	ACTION	<b>Retype the command and include MOSET option.</b>
744	MESSAGE	NAME OPTION IS REQUIRED WITH MOSET OPTION FOR RESTORE FROM MO. (S/R 744)
	CAUSE	<b>NAME option is a required parameter along with MOSET option during restore from magneto-optical.</b>
	ACTION	<b>Retype the command and include NAME option.</b>
745	MESSAGE	THE BACKUP FILE ON LDEV ! IS TOO SMALL FOR STORE TO MO. (S/R 745)
	CAUSE	<b>The size of a file to be stored is too large for the magneto-optical media, probably because of defective optical media.</b>
	ACTION	<b>Retry with known good media.</b>
746	MESSAGE	INVALID FUNCTION ATTEMPTED ON LDEV ! FOR (RE)STORE TO MO. (S/R 746)
	CAUSE	<b>An invalid function request was specified for the magneto-optical device.</b>
	ACTION	<b>Contact your HP Support Representative.</b>
747	MESSAGE	ATTEMPT TO OPEN THE BACKUP FILE NAMED ! ON LDEV ! ENCOUNTERED ERROR (S/R 747)
	CAUSE	<b>Unable to open the specified backup media due to internal</b>

		<b>error.</b>
	ACTION	<b>Contact your HP Support representative for further assistance.</b>
748	MESSAGE	STORE/RESTORE ENCOUNTERED ERROR WHILE ATTEMPTING TO GET THE BYTE ADDRESS OF THE BACKUP FILE ON LDEV ! (S/R 748).
	CAUSE	<b>Internal error occurred while storing to a magneto-optical device.</b>
	ACTION	<b>Contact your HP Support representative for further assistance.</b>
749	MESSAGE	THE BACKUP FILE ON LDEV ! CONTAINS MORE THAN 1 EXTENT. STORE CAN NOT HANDLE MULTIPLE EXTENT FILES FOR BACKUP TO DISC (S/R 749).
	CAUSE	<b>A magneto-optical file has more than 1 extent.</b>
	ACTION	<b>Contact your HP Support Representative.</b>
750	MESSAGE	STORE WAS UNABLE TO ALLOCATE SPACE FOR 'MOSET' OPTION BUFFERS AND CONTROL BLOCKS. (S/R 750)
	CAUSE	<b>Internal error occurred while storing to MOSET.</b>
	ACTION	<b>Contact your HP Support representative.</b>
753	MESSAGE	THE NAME OPTION IS NOT ALLOWED WITH THE TRANSPORT OPTION (S/R 753)
	CAUSE	<b>NAME and TRANSPORT options are not allowed on the same command line.</b>
	ACTION	<b>TRANSPORT option is not valid with Magneto-optical devices. Check the syntax and retype your command.</b>
760	MESSAGE	WARNING: 'COPYACD' OPTION HAS BEEN REDUNDANTLY SPECIFIED (S/R 760)
	CAUSE	<b>The COPYACD option was entered more than once.</b>
	ACTION	<b>Information only.</b>
761	MESSAGE	'COPYACD' AND 'NOACD' CANNOT BE USED TOGETHER (S/R 761)
	CAUSE	<b>COPYACD and NOACD are not allowed on the same command line.</b>
	ACTION	<b>Delete either COPYACD or NOACD and retype the command.</b>
765	MESSAGE	WARNING: 'NOACD' OPTION HAS BEEN REDUNDANTLY SPECIFIED (S/R 765)
	CAUSE	<b>The NOACD option was entered more than once.</b>

	ACTION	<b>Information only.</b>
767	MESSAGE	WARNING: 'LDEV' OPTION HAS BEEN REDUNDANTLY SPECIFIED. SYSGEN/STORE INTERFACE ERROR. (S/R 767)
	CAUSE	<b>The LDEV option was entered more than once.</b>
	ACTION	<b>Information only.</b>
768	MESSAGE	'LDEV' OPTION CANNOT BE USED WITH THE 'TRANSPORT' TO MPEv. SYSGEN/STORE INTERFACE ERROR. (S/R 768)
	CAUSE	<b>LDEV and TRANSPORT options are not allowed on the same command line.</b>
	ACTION	<b>TRANSPORT is not a valid option with STORE command from SYSGEN. Check your syntax and retype the command.</b>
769	MESSAGE	EXPECTED '=ldev' AFTER 'LDEV' OPTION.SYSGEN/STORE INTERFACE ERROR. (S/R 769)
	CAUSE	<b>You did not enter a '=' sign after the LDEV option in your command line.</b>
	ACTION	<b>Retype the command and include '=' sign after the LDEV option.</b>
770	MESSAGE	EXPECTED 'LDEV=ldev' WHERE ldev IS A POSITIVE INTEGER. SYSGEN/STORE INTERFACE ERROR. (S/R 770)
	CAUSE	<b>You have not entered a ldev number for LDEV option in your command.</b>
	ACTION	<b>Retype the command and include a ldev number.</b>
771	MESSAGE	EXPECTED 'ldev TO BE WITHIN THE RANGE OF A POSITIVE INTEGER. SYSGEN/STORE INTERFACE ERROR. (S/R 771)
	CAUSE	<b>You have entered an invalid number for LDEV option.</b>
	ACTION	<b>Retype the command and include a valid ldev number.</b>
773	MESSAGE	WARNING: 'REELNUM' OPTION HAS BEEN REDUNDANTLY SPECIFIED. SYSGEN/STORE INTERFACE ERROR. (S/R 773)
	CAUSE	<b>The REELNUM option was entered more than once.</b>
	ACTION	<b>Information only.</b>
774	MESSAGE	'REELNUM' OPTION CANNOT BE USED WITH THE 'TRANSPORT' TO MPEv. SYSGEN/STORE INTERFACE ERROR. (S/R 774)



	CAUSE	<b>REELNUM and TRANSPORT options are not allowed with the same command line.</b>
	ACTION	<b>TRANSPORT option is not valid with STORE command from SYSGEN. Check the syntax and retype the command.</b>
775	MESSAGE	EXPECTED '=reelnum' AFTER 'REELNUM' OPTION. SYSGEN/STORE INTERFACE ERROR. (S/R 775)
	CAUSE	<b>You have not entered a '=' sign after the REELNUM option in your command.</b>
	ACTION	<b>Retype the command and include '=' sign with your command.</b>
776	MESSAGE	EXPECTED 'REELNUM=reelnum' WHERE reelnum IS A POSITIVE INTEGER. SYSGEN/STORE INTERFACE ERROR. (S/R 776)
	CAUSE	<b>You have not entered any value for REELNUM option in your command.</b>
	ACTION	<b>Retype the command and include a number for REELNUM option.</b>
777	MESSAGE	EXPECTED reelnum TO BE WITHIN THE RANGE OF A POSITIVE INTEGER. SYSGEN/STORE INTERFACE ERROR. (S/R 777)
	CAUSE	<b>You have entered an invalid number for REELNUM option in your comma nd.</b>
	ACTION	<b>Retype the command and include a valid number for REELNUM option.</b>
779	MESSAGE	WARNING: 'SLTDATE' OPTION HAS BEEN REDUNDANTLY SPECIFIED. SYSGEN/STORE INTERFACE ERROR. (S/R 779)
	CAUSE	<b>The SLTDATE option was entered more than once.</b>
	ACTION	<b>Information only.</b>
780	MESSAGE	'SLTDATE' OPTION CANNOT BE USED WITH THE 'TRANSPORT' TO MPEv. SYSGEN/STORE INTERFACE ERROR. (S/R 780)
	CAUSE	<b>SLTDATE and TRANSPORT options are not allowed on the same command line.</b>
	ACTION	<b>TRANSPORT option is invalid when a combined SLT/Store set is created. Delete the TRANSPORT option from your command line.</b>
781	MESSAGE	EXPECTED '=date' AFTER 'SLTDATE' OPTION. SYSGEN/STORE INTERFACE ERROR. (S/R 781)
	CAUSE	<b>You did not include a '=' sign for SLTDATE option.</b>

	ACTION	<b>Retype the command and include a '=' sign for SLTDATE option.</b>
782	MESSAGE	EXPECTED 'SLTDATE=date' WHERE date IS A POSITIVE INTEGER. SYSGEN/STORE INTERFACE ERROR. (S/R 782)
	CAUSE	<b>You did not include a valid number for SLTDATE option.</b>
	ACTION	<b>Check the syntax and include a valid number for SLTDATE option.</b>
783	MESSAGE	EXPECTED date TO BE WITHIN THE RANGE OF A POSITIVE INTEGER. SYSGEN/STORE INTERFACE ERROR. (S/R 783)
	CAUSE	<b>You did not include a valid number for DATE option.</b>
	ACTION	<b>Check the syntax and include a valid number for DATE option.</b>
785	MESSAGE	WARNING: 'TIME' OPTION HAS BEEN REDUNDANTLY SPECIFIED. SYSGEN/STORE INTERFACE ERROR. (S/R 785)
	CAUSE	<b>The TIME option was entered more than once.</b>
	ACTION	<b>Information only.</b>
786	MESSAGE	'TIME' OPTION CANNOT BE USED WITH THE 'TRANSPORT' TO MPEv. SYSGEN/STORE INTERFACE ERROR. (S/R 786)
	CAUSE	<b>TIME and TRANSPORT options are not allowed on the same command line.</b>
	ACTION	<b>TRANSPORT option is invalid when combined SLT/Store Set is created. Check your syntax and retype the command.</b>
787	MESSAGE	EXPECTED '=time' AFTER 'TIME' OPTION. SYSGEN/STORE INTERFACE ERROR. (S/R 787)
	CAUSE	<b>You did not include a '=' sign after the TIME option in your command line.</b>
	ACTION	<b>Retype the command and include '=' sign after the TIME option.</b>
788	MESSAGE	EXPECTED 'TIME=time' WHERE time IS A POSITIVE INTEGER. SYSGEN/STORE INTERFACE ERROR. (S/R 788)
	CAUSE	<b>You have not entered a valid number for TIME parameter.</b>
	ACTION	<b>Retype the command and include a valid number for TIME parameter.</b>
789	MESSAGE	EXPECTED time TO BE WITHIN THE RANGE OF A

		POSITIVE INTEGER. SYSGEN/STORE INTERFACE ERROR. (S/R 789)
	CAUSE	<b>You did not include a valid number for the TIME option.</b>
	ACTION	<b>Check the syntax and enter a valid number for TIME option.</b>
791	MESSAGE	WARNING: 'SYNTAX' OPTION HAS BEEN REDUNDANTLY SPECIFIED. SYSGEN/STORE INTERFACE ERROR. (S/R 791)
	CAUSE	<b>The SYNTAX option was entered more than once.</b>
	ACTION	<b>Information only.</b>
792	MESSAGE	'SYNTAX' OPTION CANNOT BE USED WITH THE 'TRANSPORT' TO MPEv. SYSGEN/STORE INTERFACE ERROR. (S/R 792)
	CAUSE	<b>SYNTAX and TRANSPORT options are not allowed on the same command line.</b>
	ACTION	<b>TRANSPORT is not valid when creating combined SLT/Store Set tape. Delete TRANSPORT option and retype the command.</b>
793	MESSAGE	WARNING: 'NOLOCK' OPTION HAS BEEN REDUNDANTLY SPECIFIED. SYSGEN/STORE INTERFACE ERROR. (S/R 793)
	CAUSE	<b>The NOLOCK option was entered more than once.</b>
	ACTION	<b>Information only, no action required.</b>
794	MESSAGE	'NOLOCK' OPTION CANNOT BE USED WITH THE 'TRANSPORT' TO MPEv. SYSGEN/STORE INTERFACE ERROR. (S/R 794)
	CAUSE	<b>NOLOCK and TRANSPORT options are not allowed on the same command line.</b>
	ACTION	<b>Delete either NOLOCK or TRANSPORT option and retype the command.</b>
795	MESSAGE	'NOLOCK' OPTION CANNOT BE USED WITH THE 'ONLINE' OPTION. SYSGEN/STORE INTERFACE ERROR. (S/R 795)
	CAUSE	<b>NOLOCK and ONLINE options are not allowed on the same command line.</b>
	ACTION	<b>Delete either NOLOCK or ONLINE option and retype the command.</b>
796	MESSAGE	'NOLOCK' OPTION CANNOT BE USED WITH THE 'SPLITVS' OPTION. SYSGEN/STORE INTERFACE ERROR. (S/R 796)

	CAUSE	<b>NOLOCK and SPLITVS options are not allowed on the same command line.</b>
	ACTION	<b>Delete either NOLOCK or SPLITVS option and retype the command.</b>
797	MESSAGE	WARNING: 'RENAME' OPTION HAS BEEN REDUNDANTLY SPECIFIED. (S/R 797)
	CAUSE	<b>The RENAME option was entered more than once.</b>
	ACTION	<b>Information only.</b>
798	MESSAGE	'RENAME' OPTION CANNOT BE USED WITH 'TRANSPORT' TO MPEv. (S/R 798)
	CAUSE	<b>Specification of RENAME;TRANSPORT; as options to STORE.</b>
	ACTION	<b>Do not use TRANSPORT with RENAME or vice versa. RENAME is only supported on MPE/iX.</b>
799	MESSAGE	'RENAME' OPTION CANNOT BE USED WITH THE 'SPLITVS' OPTION. (S/R 799)
	CAUSE	<b>Specification of RENAME;SPLITVS as options to STORE.</b>
	ACTION	<b>Do not use them together. RENAME is not supported for SPLITVS.</b>
800	MESSAGE	'RENAME' OPTION CANNOT BE USED WITH THE 'PURGE' OPTION. (S/R 800)
	CAUSE	<b>RENAME and PURGE options are not allowed on the same command line.</b>
	ACTION	<b>Delete either RENAME or PURGE option and retype the command.</b>
801	MESSAGE	SPECIFIED FUNCTION (OPTION) IS NOT IMPLEMENTED ON THIS RELEASE. (S/R 801)
	CAUSE	<b>Same as message content.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
802	MESSAGE	MAXIMUM ALLOWABLE NUMBER OF DEVICE FILE EQUATIONS HAS BEEN EXCEEDED. (S/R 802)
	CAUSE	<b>You specified too many device file equations.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
803	MESSAGE	DEVICE FILE EQUATION NAME EXCEEDS THE MAXIMUM ALLOWED LENGTH. (S/R 803)
	CAUSE	<b>Same as the message content.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
804	MESSAGE	EXPECTED ONE OF: SHOW, ONERROR, LOCAL, GROUP,

ACCOUNT, CREATE, CREATOR, GID, KEEP, NOKEEP,  
OLDDATE, NEWDATE, LISTDIR, DIRECTORY,  
FCRANGE, FILES, DEV, VOL, VOLCLASS, VOLSET,  
COPYACD, NOACD, TREE, NOTREE. TURBOSTORE ONLY  
OPTIONS: RESTORESET, MOSET, NAME. (S/R 804)

CAUSE **You did not enter a valid option.**

ACTION **Retype the command with valid options.**

805 MESSAGE EXPECTED ONE OF: SHOW, ONERROR, DATES, PURGE,  
PROGRESS, DIRECTORY, FILES, TRANSPORT,  
COPYACD, NOACD, MAXTAPEBUF, FCRANGE, NOTIFY,  
ONVS, SPLITVS, RENAME, TREE, NOTREE.  
TURBOSTORE ONLY OPTIONS: INTER, ONLINE,  
STORESET, COMPRESS, MOSET, NAME. (S/R 805)

CAUSE **You did not enter a valid option.**

ACTION **Retype the command with valid options.**

806 MESSAGE EXPECTED A SEMICOLON ";" TO SEPARATE OPTIONS.  
(S/R 806)

CAUSE **You did not include a semicolon in-between the options.**

ACTION **Check the syntax and retype the command.**

807 MESSAGE EXPECTED A SEMICOLON ";" TO SEPARATE THE  
DEVICE FILE EQUATION (restorefile) AND THE  
filesetlist. SYNTAX

```
'RESTORE [restorefile] [:[filesetlist]
[:option[;..]]]'
```

(S/R 807)

CAUSE **You did not include a semicolon in-between device file  
equations.**

ACTION **Check the syntax and retype the command.**

808 MESSAGE EXPECTED DEVICE FILE EQUATION (restorefile)  
TO FOLLOW RESTORE COMMAND WHERE THE DEVICE  
FILE EQUATION SPECIFIES THE SOURCE DEVICE  
FROM WHICH THE FILES WILL BE RESTORED. SYNTAX

```
'RESTORE [restorefile] [:[filesetlist]
[:option[;..]]]'
```

(S/R 808)

CAUSE **You did not specify device file equation.**

ACTION **Check the syntax and retype the command.**

809 MESSAGE EXPECTED A SEMICOLON ";" TO SEPARATE THE  
filesetlist FROM THE DEVICE FILE EQUATION  
(storefile). SYNTAX

		<pre>'STORE [filesetlist] [;[storefile] [;option[;...]]]' (S/R 809)</pre>
	CAUSE	<b>You did not include a semicolon in between filesetlists.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
810	MESSAGE	EXPECTED A SEMICOLON ";" TO SEPARATE THE DEVICE FILE EQUATION (storefile) FROM THE STORE OPTIONS. SYNTAX
		<pre>'STORE [filesetlist] [;[storefile] [;option[;...]]]' (S/R 810)</pre>
	CAUSE	<b>You did not include a semicolon in between device file equations.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
811	MESSAGE	EXPECTED DEVICE FILE EQUATION (storefile) TO FOLLOW filesetlist SPECIFICATION, WHERE THE DEVICE FILE EQUATION SPECIFIES THE DESTINATION DEVICE ONTO WHICH THE FILES WILL BE STORED. SYNTAX
		<pre>'STORE [filesetlist] [;[storefile] [;option[;...]]]' (S/R 811)</pre>
	CAUSE	<b>You did not include a device file equation.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
812	MESSAGE	EXPECTED 'STORE' 'VSTORE' OR 'RESTORE' COMMAND TO BE SPECIFIED. SYNTAX 'STORE [filesetlist] [;storefile] [;option [; ]]' SYNTAX
		<pre>'RESTORE [restorefile] [;[filesetlist] [;option[;...]]]' SYNTAX</pre>
		<pre>'VSTORE [vstorefile] [;[filesetlist] [;option[;...]]]' (S/R 812)</pre>
	CAUSE	<b>You did not type a valid command.</b>
	ACTION	<b>Retype the command.</b>
813	MESSAGE	ERROR PARSING INDIRECT FILE "!" AT LINE #! (S/R 813)
	CAUSE	<b>Same as message content.</b>
	ACTION	<b>Check you indirect file.</b>
814	MESSAGE	'GROUP' PARAMETER OF THE 'CREATE' OPTION

		REQUIRES (SM) AND/OR (CV) CAPABILITY TO CREATE GROUPS ON USER VOLUMES. (S/R 814)
	CAUSE	<b>You do not have SM or CV capability.</b>
	ACTION	<b>Log on to an account with either SM or CV capability.</b>
815	MESSAGE	'LDEV' OPTION CANNOT BE USED IN AN INDIRECT FILE. SYSGEN/STORE INTERFACE ERROR. (S/R 815)
	CAUSE	<b>LDEV option is not allowed with STORE command from SYSGEN in an indirect file.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
816	MESSAGE	'REELNUM' OPTION CANNOT BE USED IN AN INDIRECT FILE. SYSGEN/STORE INTERFACE ERROR. (S/R 816)
	CAUSE	<b>REELNUM option is not allowed with the STORE command from SYSGEN in an indirect file.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
817	MESSAGE	'SLTDATE' OPTION CANNOT BE USED IN AN INDIRECT FILE. SYSGEN/STORE INTERFACE ERROR. (S/R 817)
	CAUSE	<b>SLTDATE with STORE command from sysgen in an indirect file.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
818	MESSAGE	'TIME' OPTION CANNOT BE USED IN AN INDIRECT FILE. SYSGEN/STORE INTERFACE ERROR. (S/R 818)
	CAUSE	<b>The option TIME is not allowed with the store command from sysgen in an indirect file.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
819	MESSAGE	'SYNTAX' OPTION CANNOT BE USED IN AN INDIRECT FILE. SYSGEN/STORE INTERFACE ERROR. (S/R 819)
	CAUSE	<b>SYNTAX option is not allowed with store command from SYSGEN in an indirect file.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
820	MESSAGE	SYSGEN OPTIONS NOT ALL SPECIFIED. SYSGEN/STORE INTERFACE ERROR. (S/R 820)
	CAUSE	<b>The options passed by SYSGEN to store command are incomplete.</b>
	ACTION	<b>Internal error.</b>
821	MESSAGE	MAXIMUM NUMBER OF PARALLEL SETS EXCEEDED FOR 'STORESET' OPTION. Ex., 'STORESET =(*ta),( *tb)' IS TWO PARALLEL SETS (S/R 821)

	CAUSE	<b>You have exceeded the maximum number of parallel set allowed for STORESET option, which is 16.</b>
	ACTION	<b>Retype the command and make sure not to exceed 16 parallel sets.</b>
822	MESSAGE	STORING TO A DISK FILE IS NOT AVAILABLE ON YOUR VERSION OF STORE .
	CAUSE	<b>Storing to disc is not available on this version of STORE.</b>
	ACTION	<b>You must purchase TurboSTORE/iX 7x24 True-Online Backup to get this functionality.</b>
901	MESSAGE	WARNING: 'ONLINE' OPTION HAS BEEN REDUNDANTLY SPECIFIED (S/R 901)
	CAUSE	<b>The ONLINE option was entered more than once.</b>
	ACTION	<b>Information only.</b>
902	MESSAGE	'ONLINE' OPTION CANNOT BE USED WITH THE 'SPLITVS' OPTION (S/R 902)
	CAUSE	<b>ONLINE and SPLITVS options are not allowed on the same command line.</b>
	ACTION	<b>Delete either ONLINE or SPLITVS option and retype the command.</b>
903	MESSAGE	'ONLINE' OPTION CANNOT BE USED WITH THE 'DYNAMIC' OPTION (S/R 903)
	CAUSE	<b>ONLINE and DYNAMIC options are not allowed on the same command line.</b>
	ACTION	<b>Delete either ONLINE or DYNAMIC option and retype the command.</b>
904	MESSAGE	'ONLINE' OPTION CANNOT BE USED WITH THE 'TRANSPORT' TO MPEv (S/R 904)
	CAUSE	<b>ONLINE and TRANSPORT options are not allowed on the same command line.</b>
	ACTION	<b>CMSTORE and V/E cannot handle ONLINE option. Delete either ONLINE or TRANSPORT option and retype the command.</b>
905	MESSAGE	SHADOW SUBSYSTEM ERROR: TOO MANY ENVIRONMENTS (S/R 905)
	CAUSE	<b>You have exceeded the maximum ONLINE store operation allowed per system which is 16.</b>
	ACTION	<b>Do not run more than 16 store operations with ONLINE option.</b>
906	MESSAGE	SHADOW SUBSYSTEM ERROR: OUT OF DISC SPACE FOR



		LOG (S/R 906)
	CAUSE	<b>There is not enough disk space to create log files for ONLINE store operation.</b>
	ACTION	<b>Delete some unwanted files in the system and restart the store operation.</b>
907	MESSAGE	SHADOW SUBSYSTEM ERROR: UNEXPECTED ENVIRONMENT ERROR (S/R 907)
	CAUSE	<b>Internal error from ONLINE STORE.</b>
	ACTION	<b>Contact your HP Support representative for further assistance.</b>
908	MESSAGE	SHADOW SUBSYSTEM ERROR: UNEXPECTED TRAP ON ENVIRONMENT (S/R 908)
	CAUSE	<b>Internal error from ONLINE STORE.</b>
	ACTION	<b>Contact your HP Support representative for further assistance.</b>
909	MESSAGE	SHADOW SUBSYSTEM ERROR: OUT OF TRANSIENT DISC SPACE (S/R 909)
	CAUSE	<b>Internal error occurred due to system running out of transient disc space.</b>
	ACTION	<b>Reconfigure the transient disc space using VOLUTIL and retype the command.</b>
910	MESSAGE	SHADOW SUBSYSTEM ERROR: COULD NOT FIND ENVIRONMENT (S/R 910)
	CAUSE	<b>Internal error from ONLINE STORE.</b>
	ACTION	<b>Contact your HP Support representative for further assistance.</b>
911	MESSAGE	SHADOW SUBSYSTEM ERROR: UNKNOWN ERROR ENCOUNTERED (S/R 911)
	CAUSE	<b>Internal error from ONLINE STORE.</b>
	ACTION	<b>Contact your HP Support representative for further assistance.</b>
912	MESSAGE	! NOT STORED: TOO MANY FILES ATTACHED TO SHADOW
	CAUSE	<b>There are too many files attached to this environment. Maximum allowed is 431250.</b>
	ACTION	<b>Delete some files from the list and retype the command.</b>
913	MESSAGE	! NOT STORED: FILE OPEN FOR WRITE AT ATTACH
	CAUSE	<b>This particular file is not stored because it is open for write during store operation.</b>

	ACTION	<b>Close the file and restart the store operation.</b>
914	MESSAGE	<b>! NOT STORED: OPEN AT ATTACH TIME FAILED</b>
	CAUSE	<b>Internal error from online STORE.</b>
	ACTION	<b>Contact your HP Support representative for further information.</b>
915	MESSAGE	<b>! NOT STORED: FILE ALREADY ATTACHED BY A STORE</b>
	CAUSE	<b>This file was not stored because it was already attached by another shadow environment.</b>
	ACTION	<b>Retry the command at a later time.</b>
916	MESSAGE	<b>! NOT STORED: UNEXPECTED SHADOW TRAP ON FILE</b>
	CAUSE	<b>Internal error from online STORE.</b>
	ACTION	<b>Contact your HP Support representative for further information.</b>
917	MESSAGE	<b>! NOT STORED: SHADOW OUT OF DISC LOG SPACE</b>
	CAUSE	<b>This file is not stored because the system did not have enough disc space when logging for this file.</b>
	ACTION	<b>Purge some unwanted files and retype the command again.</b>
918	MESSAGE	<b>! NOT STORED: UNEXPECTED SHADOW ERROR ON FILE</b>
	CAUSE	<b>Internal error from online STORE.</b>
	ACTION	<b>Contact your HP Support representative for further information.</b>
919	MESSAGE	<b>! NOT STORED: OUT OF TRANSIENT DISC SPACE</b>
	CAUSE	<b>This particular file was not stored because the system ran out of transient disc space.</b>
	ACTION	<b>Reconfigure the transient space using VOLUTIL and retype the command.</b>
920	MESSAGE	<b>! NOT STORED: UNEXPECTED TRAP ON ENVIRONMENT</b>
	CAUSE	<b>Internal error during online STORE operation.</b>
	ACTION	<b>Contact your HP Support representative for further assistance.</b>
921	MESSAGE	<b>! NOT STORED: CANT LOCATE SHADOW ENVIRONMENT</b>
	CAUSE	<b>Internal error during online STORE operation.</b>
	ACTION	<b>Contact your HP Support representative for further assistance.</b>
922	MESSAGE	<b>! NOT STORED: UNEXPECTED ERROR ON ENVIRONMENT</b>

	CAUSE	<b>Internal error occured during onlone STORE of this particular file.</b>
	ACTION	<b>Contact your HP Support representative for further information.</b>
923	MESSAGE	! NOT STORED: UNKNOWN SHADOW ERROR ENCOUNTERED
	CAUSE	<b>Internal error occured during online STORE of this particular file.</b>
	ACTION	<b>Contact your HP Support representative for further information.</b>
924	MESSAGE	SHADOW ATTACH ROUTINE ENCOUNTERED ERROR (S/R 924)
	CAUSE	<b>Internal error from online STORE operation.</b>
	ACTION	<b>Contact your HP Support representative for further assistance.</b>
925	MESSAGE	SHADOW DETACH ROUTINE ENCOUNTERED ERROR (S/R 925)
	CAUSE	<b>Internal error occured during online STORE.</b>
	ACTION	<b>Contact your HP Support representative for further assistance.</b>
926	MESSAGE	SHADOW CREATE ROUTINE ENCOUNTERED ERROR (S/R 926)
	CAUSE	<b>Internal error occured during online STORE operation.</b>
	ACTION	<b>Contact your HP Support representative for further assistance.</b>
927	MESSAGE	SHADOW RELEASE ROUTINE ENCOUNTERED ERROR (S/R 927)
	CAUSE	<b>Internal error occurred during online STORE operation.</b>
	ACTION	<b>Contact your HP Support representative for further assistance.</b>
928	MESSAGE	SHADOW GET FILE INFO ROUTINE ENCOUNTERED ERROR (S/R 928)
	CAUSE	<b>Internal error occurred during online STORE opertion.</b>
	ACTION	<b>Contact your HP Support representative for further assistance.</b>
929	MESSAGE	SHADOW GET FILE LOG INFO ROUTINE ENCOUNTERED ERROR (S/R 929)
	CAUSE	<b>Internal error occurred during online STORE.</b>
	ACTION	<b>Contact your HP Support representative for further</b>

		<b>assistance.</b>
930	MESSAGE	SHADOW GET LOG BLOCK INFO ROUTINE ENCOUNTERED ERROR (S/R 930)
	CAUSE	<b>Internal error occurred during online STORE.</b>
	ACTION	<b>Contact your HP Support representative for further assistance.</b>
931	MESSAGE	SHADOW GET CHANGED UFID ROUTINE ENCOUNTERED ERROR (S/R 931)
	CAUSE	<b>Internal error occurred during online STORE.</b>
	ACTION	<b>Contact your HP Support representative for further assistance.</b>
932	MESSAGE	SHADOW LINKED TO SPOOLING QUEUE ROUTINE ENCOUNTERED ERROR (S/R 932)
	CAUSE	<b>Internal error occurred during online STORE.</b>
	ACTION	<b>Contact your HP Support representative for further assistnace.</b>
933	MESSAGE	SHADOW GET FLABX LENGTH ROUTINE ENCOUNTERED ERROR (S/R 933)
	CAUSE	<b>Internal error occurred during online STORE.</b>
	ACTION	<b>Contact your HP Support representative for further assistance.</b>
934	MESSAGE	SHADOW FLABX READ ROUTINE ENCOUNTERED ERROR (S/R 934)
	CAUSE	<b>Internal error occurred during online STORE.</b>
	ACTION	<b>Contact your HP Support representative for further assistance.</b>
935	MESSAGE	SHADOW UNKNOWN ROUTINE ENCOUNTERED ERROR (S/R 935)
	CAUSE	<b>Internal error occurred during online STORE.</b>
	ACTION	<b>Contact your HP Support representative for further assistance.</b>
936	MESSAGE	SHADOW RETURNED BAD STATUS FROM SUBSYSTEM !, ERROR ! (S/R 936)
	CAUSE	<b>Internal error occurred during online Store.</b>
	ACTION	<b>Contact your HP Support representative.</b>
938	MESSAGE	SQL ONLINE STORE ABORTED BECAUSE OF A REJECTED FILE (S/R 938)
	CAUSE	<b>STORE determined that some of the files specified for the</b>

		<b>SQL online store would not be able to be stored.</b>
	ACTION	<b>Check the input fileset specification to SQL online store and retype the STORE command.</b>
939	MESSAGE	SQL ONLINE STORE ABORTED BECAUSE OF A FAILED FILE (S/R 939)
	CAUSE	<b>Internal error occurred during SQL Online Store.</b>
	ACTION	<b>Contact your HP Support Representative further assistance.</b>
940	MESSAGE	SQL ONLINE STORE ENCOUNTERED SENDMAIL ERROR ! (S/R 940)
	CAUSE	<b>Internal error occurred during the SQL Online Store.</b>
	ACTION	<b>Contact your HP Support Representative for further assistance.</b>
941	MESSAGE	SHADOW LOG SPACE SUMMARY ROUTINE ENCOUNTERED ERROR (S/R 941)
	CAUSE	<b>Unable to display shadow summary information of the log space due to internal error.</b>
	ACTION	<b>Call your HP Support representative for further assistance.</b>
942	MESSAGE	ONLINE BACKUP UTILIZED DISC SPACE FOR LOG ON THE FOLLOWING VOLSETS:
	CAUSE	<b>Displays the disc space utilized by log file during online backup.</b>
	ACTION	<b>Information only.</b>
951	MESSAGE	'TREE' OPTION CANNOT BE USED WITH THE 'TRANSPORT' TO MPEv. (S/R 951)
	CAUSE	<b>The 'TREE' and 'TRANSPORT' options were specified for a single STORE command. CMSTORE and MPE V cannot handle HFS directories.</b>
	ACTION	<b>Remove either the 'TREE' option or the 'TRANSPORT' option from theSTORE command.</b>
952	MESSAGE	WARNING: 'TREE' OPTION HAS BEEN REDUNDANTLY SPECIFIED (S/R 952)
	CAUSE	<b>The TREE option was entered more than once.</b>
	ACTION	<b>Information only.</b>
953	MESSAGE	'NOTREE' OPTION CANNOT BE USED WITH THE 'TRANSPORT' TO MPEv. (S/R 953)
	CAUSE	<b>NOTREE and TRANSPORT options are not allowed on the same command line.</b>

	ACTION	<b>CMSTORE and MPE V/E cannot handle HFS directories. Delete NOTREE or TRANSPORT option and retype the command</b>
954	MESSAGE	WARNING: 'NOTREE' OPTION HAS BEEN REDUNDANTLY SPECIFIED (S/R 954)
	CAUSE	<b>The NOTREE option was entered more than once.</b>
	ACTION	<b>Information only.</b>
955	MESSAGE	'TREE' OPTION CANNOT BE USED IN CONJUNCTION WITH THE 'NOTREE' OPTION (S/R 955)
	CAUSE	<b>TREE and NOTREE options are not allowed on the same command line.</b>
	ACTION	<b>Delete either TREE or NOTREE option and retype the command.</b>
957	MESSAGE	'NOTIFY' OPTION CANNOT BE USED WITH 'TRANSPORT' TO MPEv. (S/R 957)
	CAUSE	<b>The NOTIFY option cannot be used when creating an MPE/V compatible tape.</b>
	ACTION	<b>Remove either NOTIFY or TRANSPORT from the Store command line and retype your command.</b>
958	MESSAGE	WARNING: 'NOTIFY' OPTION HAS BEEN REDUNDANTLY SPECIFIED (S/R 958)
	CAUSE	<b>You have specified the NOTIFY option more than once on the Store command line.</b>
	ACTION	<b>Information only, but you should remove the extra occurrences of the option.</b>
961	MESSAGE	'PARTIALDB' OPTION CANNOT BE USED WITH 'TRANSPORT' TO MPEv. (S/R 961)
	CAUSE	<b>The PARTIALDB option cannot be used to create MPEv media.</b>
	ACTION	<b>Delete one of the two options and re-run the command.</b>
962	MESSAGE	'PARTIALDB' OPTION CANNOT BE USED WITH 'LISTDIR' OPTION (S/R 962)
	CAUSE	<b>The PARTIALDB and the LISTDIR option cannot be specified for the same RESTORE.</b>
	ACTION	<b>Delete one of the two options from the RESTORE command line.</b>
963	MESSAGE	WARNING: 'PARTIALDB' OPTION HAS BEEN REDUNDANTLY SPECIFIED (S/R 963)

	CAUSE	<b>The PARTIALDB command was specified more than once on the command line.</b>
	ACTION	<b>Information only.</b>
964	MESSAGE	WARNING: 'NOSTOREDIRECTORY' OPTION HAS BEEN REDUNDANTLY SPECIFIED (S/R 964)
	CAUSE	<b>The NOSTOREDIRECTORY command was specified more than once on the command line.</b>
	ACTION	<b>Information only.</b>
965	MESSAGE	'GID' OPTION HAS BEEN REDUNDANTLY SPECIFIED (S/R 965)
	CAUSE	<b>The GID option was entered more than once.</b>
	ACTION	<b>Information only.</b>
966	MESSAGE	EXPECTED '=fgroup' AFTER 'GID' OPTION WHERE fgroup IS THE NAME OF "FILE GROUP" WHICH SHARES THIS FILE. THE FILES WILL BE RESTORED SUCH THAT THE SPECIFIED FILE GROUP WILL BE THE NEW FILE SHARING ATTRIBUTE OF THE FILES. SYNTAX: 'GID[=fgroup]' WHERE 'GID' WITH NO "=fgroup" SPECIFIED DEFAULTS TO PRESERVING THE ORIGINAL GID OF THE FILE (S/R 966)
	CAUSE	<b>You have not included a '=' sign after GID option in your command line.</b>
	ACTION	<b>Retype the command and include a '=' sign after the GID option.</b>
967	MESSAGE	EXPECTED 'fgroup' TO BE SPECIFIED FOR 'GID' OPTION. A fgroup NAME MUST START WITH AN ALPHA "A-Z" AND CONTAIN ONLY ALPHANUMERIC "A-Z, 0-9" NOT EXCEEDING 8 CHARACTERS IN LENGTH. SYNTAX: 'GID[=fgroup]' WHERE 'GID' WITH NO "=fgroup" SPECIFIED DEFAULTS TO PRESERVING THE ORIGINAL GID OF THE FILE (S/R 967)
	CAUSE	<b>You have specified an invalid 'fgroup' for GID option in your command line.</b>
	ACTION	<b>Retype the command and include a valid 'fgroup' name for GID option.</b>
968	MESSAGE	'GID' OPTION CANNOT BE USED WITH THE 'LISTDIR' OPTION (S/R 968)
	CAUSE	<b>GID and LISTDIR options are not allowed on the same command line.</b>
	ACTION	<b>Delete either LISTDIR or GID option and retype the</b>

		<b>command.</b>
969	MESSAGE	WARNING: 'HFSWARN' OPTION IS NO LONGER SUPPORTED. PLEASE REMOVE THIS OPTION FROM BACKUP PROCEDURES. OPTION IGNORED. (S/R 969)
	CAUSE	<b>You are specifying the HFSWARN option to store. This option is no longer supported or needed.</b>
	ACTION	<b>Remove the HFSWARN option from any STORE job streams.</b>
970	MESSAGE	WARNING: 'NOHFSWARN' OPTION IS NO LONGER SUPPORTED. PLEASE REMOVE THIS OPTION FROM BACKUP PROCEDURES. OPTION IGNORED. (S/R 970)
	CAUSE	<b>You are specifying the NOHFSWARN option to store. This option is no longer supported or needed.</b>
	ACTION	<b>Remove the NOHFSWARN option from any STORE job streams.</b>
971	MESSAGE	'TRANSPORT' OPTION CANNOT BE USED WITH THE 'TRANSPORT=MPEXL' OPTION. (S/R 971)
	CAUSE	<b>TRANSPORT and TRANSPORT=MPEXL options are not allowed on the same command line.</b>
	ACTION	<b>Delete one of the options and retype the command.</b>
972	MESSAGE	'TRANSPORT=MPEXL' OPTION CANNOT BE USED WITH THE 'TRANSPORT' OPTION. (S/R 972)
	CAUSE	<b>TRANSPORT=MPEXL and TRANSPORT options are not allowed on the same command line.</b>
	ACTION	<b>Delete one of the options and retype the command.</b>
973	MESSAGE	WARNING: 'TRANSPORT=MPEXL' OPTION HAS BEEN REDUNDANDLY SPECIFIED (S/R 973)
	CAUSE	<b>You have entered TRANSPORT=MPEXL twice.</b>
	ACTION	<b>Information only, no action required.</b>
974	MESSAGE	'NOHFSWARN' OPTION CANNOT BE USED WITH THE 'HFSWARN' OPTION (S/R 974)
	CAUSE	<b>The NOHFSWARN and HFSWARN options cannot be used together. However, neither option is supported any more.</b>
	ACTION	<b>Remove any NOHFSWARN or HFSWARN options from your STORE commands.</b>
976	MESSAGE	EXPECTED 'onlineparm[,onlineparm..]' AFTER 'ONLINE=' option where "onlineparm IS 'START' OR 'END', OPTIONALLY BE FOLLOWED BY time (hh:mm:ss) or A SK (S/R 976)"



	CAUSE	<b>'ONLINE =' option must be followed by START or END options.</b>
	ACTION	<b>Check your command line and specify START or END for 'ONLINE=' option.</b>
977	MESSAGE	'ONLINE=END' OPTION CANNOT BE USED WITH 'ONLINE' OPTION (S/R 977)
	CAUSE	<b>You cannot specify both ONLINE and ONLINE=END.</b>
	ACTION	<b>Decide what type of online backup you want to perform, then specify either ONLINE or ONLINE=END.</b>
978	MESSAGE	'ONLINE=END' OPTION CANNOT BE USED WITH 'ONLINE=START' OPTION (S/R 978)
	CAUSE	<b>You cannot specify both START and END sync points.</b>
	ACTION	<b>Remove one of the ONLINE options and re-run the command.</b>
979	MESSAGE	WARNING: 'ONLINE=END' OPTION HAS BEEN REDUNDANTLY SPECIFIED (S/R979)
	CAUSE	<b>You have specified the ONLINE=END option more than once.</b>
	ACTION	<b>Information only.</b>
980	MESSAGE	'ONLINE=START' OPTION CANNOT BE USED WITH 'ONLINE' OPTION (S/R 980)
	CAUSE	<b>You cannot use the ONLINE option with the ONLINE=START option.</b>
	ACTION	<b>Remove one of the ONLINE options and re-run the command.</b>
981	MESSAGE	WARNING: 'ONLINE=START' OPTION HAS BEEN REDUNDANTLY SPECIFIED (S/R 981)
	CAUSE	<b>You have specified the ONLINE=START option more than once.</b>
	ACTION	<b>Information only.</b>
982	MESSAGE	SYNC TIME MUST BE USED WITH 'START' OR 'END' PARAMETERS (S/R 982)
	CAUSE	<b>You must specify ONLINE=START or ONLINE=END if you specify a time parameter to ONLINE.</b>
	ACTION	<b>Either remove the time specification or add START or END to the ONLINE option.</b>
983	MESSAGE	'ONLINE=time' OPTION CANNOT BE USED WITH 'ONLINE' OPTION (S/R 983)

	CAUSE	<b>You cannot specify ONLINE=time and ONLINE in the same command.</b>
	ACTION	<b>Remove one of the ONLINE options and re-run the command.</b>
984	MESSAGE	MULTIPLE SYNC TIMES CAN NOT BE SPECIFIED (S/R 984)
	CAUSE	<b>Only one time can be specified for the online sync point.</b>
	ACTION	<b>Remove all but one of the times and re-run the command.</b>
985	MESSAGE	INVALID TIME SPECIFIED, MUST BE SPECIFIED AS HH:MM[:SS] (e.g. 14:30:30) (S/R 985)
	CAUSE	<b>You specified the online sync time incorrectly.</b>
	ACTION	<b>Specify the time as HH:MM[:SS] and re-run the command.</b>
986	MESSAGE	'STOREDIRECTORY' OPTION CANNOT BE USED WITH 'TRANSPORT' TO MPEv. (S/R 986)
	CAUSE	<b>The STOREDIRECTORY option cannot be used to create MPEv media.</b>
	ACTION	<b>Delete one of the two options and re-run the command.</b>
987	MESSAGE	'STOREDIRECTORY' OPTION CANNOT BE USED WITH 'NOSTOREDIRECTORY' OPTION (S/R 987)
	CAUSE	<b>You cannot specify both STOREDIRECTORY and NOSTOREDIRECTORY.</b>
	ACTION	<b>Remove one of the options and re-run the command.</b>
988	MESSAGE	WARNING: 'STOREDIRECTORY' OPTION HAS BEEN REDUNDANTLY SPECIFIED (S/R 988)
	CAUSE	<b>You have specified the STOREDIRECTORY option more than once.</b>
	ACTION	<b>Information only.</b>
989	MESSAGE	EXPECTED '=directoryname' AFTER 'STOREDIRECTORY' OPTION. SYNTAX 'STOREDIR[ECTORY]=directoryname' (S/R 989)
	CAUSE	<b>No filename was specified after the STOREDIRECTORY option.</b>
	ACTION	<b>Specify a valid MPE or HFS-style file name of the file that contains the store disk directory for this backup and re-run the command.</b>
990	MESSAGE	INVALID FILENAME FOR STOREDIRECTORY (S/R 990)

	CAUSE	<b>An invalid name was specified for the STOREDIRECTORY option.</b>
	ACTION	<b>Specify a valid MPE or HFS filename.</b>
991	MESSAGE	'LOGVOLSET' OPTION CANNOT BE USED WITH 'TRANSPORT' TO MPEv. (S/R991)
	CAUSE	<b>The LOGVOLSET option cannot be used to create MPEv media.</b>
	ACTION	<b>Remove one of the options and re-run the command.</b>
992	MESSAGE	WARNING: 'LOGVOLSET' OPTION HAS BEEN REDUNDANTLY SPECIFIED (S/R 992)
	CAUSE	<b>The LOGVOLSET option was specified more than once.</b>
	ACTION	<b>Information only.</b>
993	MESSAGE	EXPECTED '=volumesetname' AFTER 'LOGVOLSET' OPTION. SYNTAX 'LOGVOLSET=volumesetname' (S/R 993)
	CAUSE	<b>The name of a valid volume set was not specified after the LOGVOLSET option.</b>
	ACTION	<b>Check your command line and specify a valid volume set for the LOGVOLSET option.</b>
994	MESSAGE	'NOSTOREDIRECTORY' OPTION CANNOT BE USED WITH 'TRANSPORT' TO MPEv. (S/R 994)
	CAUSE	<b>The NOSTOREDIRECTORY option cannot be used to create MPEv media.</b>
	ACTION	<b>Remove one of the options and re-run the command.</b>
998	MESSAGE	STORE DIRECTORY FILENAMES MAY NOT BE HFS DIRECTORIES (S/R 998)
	CAUSE	<b>The file specified for the STOREDIRECTORY option was an HFS directory.</b>
	ACTION	<b>Specify a non-HFS directory filename for the STOREDIRECTORY option.</b>
999	MESSAGE	INDIRECT FILENAMES MAY NOT BE HFS DIRECTORIES (S/R 999)
	CAUSE	<b>An HFS directory was specified as an indirect file.</b>
	ACTION	<b>Specify a non-HFS directory file for a STORE indirect file.</b>
1000	MESSAGE	STORE DIRECTORY FILENAMES MAY NOT BE WILDCARDED (S/R 1000)
	CAUSE	<b>A wildcard was specified as an indirect file.</b>
	ACTION	<b>Specify one indirect file at a time on the STORE command line.</b>

1001	MESSAGE	INDIRECT FILENAMES MAY NOT BE WILDCARDED. (S/R 1001)
	CAUSE	<b>You cannot include wildcard characters in the indirect filename.</b>
	ACTION	<b>Retype the command and enter a valid filename.</b>
1002	MESSAGE	FILE NAME PART LENGTH TOO LONG. A WILDCARDED NAME PART CANNOT EXCEED 8 LOGICAL CHARACTERS, WHERE A LOGICAL CHARACTER IS ONE OF @, #, ?, a-z, 0-9, OR A CHARACTER SET '[']' (S/R 1002)
	CAUSE	<b>You included an invalid filename.</b>
	ACTION	<b>Retype the command and enter a valid filename.</b>
1003	MESSAGE	FILE NAME PART LENGTH TOO LONG. A NAME PART CANNOT EXCEED 8 CHARACTERS IN LENGTH (S/R 1003)
	CAUSE	<b>Same as message content.</b>
	ACTION	<b>Retype the command and include a valid file name.</b>
1004	MESSAGE	EXPECTED A ',' OR ';' TO DELIMIT A FILESET. FILESET NAMES MAY BE COMPOSED OF A MAXIMUM OF THREE PARTS, FILENAME.GROUPNAME.ACCOUNTNAME. (S/R 1004)
	CAUSE	<b>You did not include a comma or semicolon.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
1005	MESSAGE	NEGATIVE FILESETS (FILE EXCLUSION) CANNOT BE USED WITH INDIRECT FILES. (S/R 1005)
	CAUSE	<b>Same as message content.</b>
	ACTION	<b>Retype the command with valid files.</b>
1007	MESSAGE	IF NEGATIVE (EXCLUSION) FILESETS ARE BEING USED, THE FIRST (PRIMARY) FILESET MUST BE WILDCARDED OR RECURSIVE. (S/R 1007)
	CAUSE	<b>You must include a wildcard character in your file set to exclude a file set.</b>
	ACTION	<b>Retype the command using a wildcard character in your file set.</b>
1008	MESSAGE	SLASH "/" TO SPECIFY A LOCKWORD MAY ONLY BE SUPPLIED AFTER THE FILE NAME PART OF A FILESET NAME. SYNTAX  OF A LOCKWORDed FILE: 'FNAME/LOCKWORD[.GNAME[.ANAME]]' (S/R 1008)

	CAUSE	<b>You did not type the lockword correctly.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
1009	MESSAGE	INVALID CHARACTER(S) IN LOCKWORD. LOCKWORD MUST BE ALPHANUMERIC BEGINNING WITH 'A-Z' AND BE NO MORE THAN 8 CHARACTERS IN LENGTH. (S/R 1009)
	CAUSE	<b>You did not enter a valid lockword.</b>
	ACTION	<b>Retype the command with a valid lockword.</b>
1010	MESSAGE	UNMATCHED OPEN BRACKET '[' ENCOUNTERED IN WILDCARED FILE NAME. BRACKETS ARE USED FOR CHARACTER SET WILDCARDING. THEY MAY NOT BE NESTED. (S/R 1010)
	CAUSE	<b>You entered the bracket incorrectly.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
1011	MESSAGE	UNMATCHED CLOSED BRACKET ']' ENCOUNTERED IN WILDCARED FILE NAME. BRACKETS ARE USED FOR CHARACTER SET WILDCARDING. THEY MAY NOT BE NESTED. (S/R 1011)
	CAUSE	<b>You entered the bracket incorrectly.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
1012	MESSAGE	EXPECTED A '.', '/', ',', OR ';' TO FOLLOW THE FILE NAME PART OF A FILESET. '.' SPECIFIES A GROUP NAME PART IS TO FOLLOW, '/' SPECIFIES A LOCKWORD IS TO FOLLOW, ',' SEPARATES THIS FILESET FROM THE NEXT, AND ';' SPECIFIES THE END OF THE FILESETLIST. SYNTAX  'fname[/lockword][.gname[.aname]]' (S/R 1012)
	CAUSE	<b>You entered the file name syntax incorrectly.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
1013	MESSAGE	EXPECTED A '.', ',', OR ';' TO FOLLOW THE GROUP NAME PART OF A FILESET. '.' SPECIFIES A GROUP NAME PART IS TO FOLLOW, ',' SEPARATES THIS FILESET FROM THE NEXT, AND ';' SPECIFIES THE END OF THE FILESETLIST. SYNTAX  'fname[/lockword][.gname[.aname]]' (S/R 1013)
	CAUSE	<b>You did not include a '.', ',', or ';' after the group name.</b>
	ACTION	<b>Check the syntax and retype the command.</b>

1014           MESSAGE           EXPECTED A ', ', OR ';' TO FOLLOW THE ACCOUNT  
NAME PART OF A FILESET. ', ' SEPARATES THIS  
FILESET FROM THE NEXT, AND ';' SPECIFIES THE  
END OF THE FILESETLIST. SYNTAX

                  'fname[/lockword][.gname[.aname]]' (S/R  
1014)

          CAUSE           **You did not include a ', ' or ';' after account name.**

          ACTION         **Check the syntax and retype the command.**

1015           MESSAGE           EXPECTED A FILE NAME PART NOT A "-". A "-" IS  
USED TO SPECIFY  
NEGATIVE (EXCLUSION) FILESETS.  
SYNTAX

                  'fname[/lockword][.gname[.aname]]' (S/R  
1015)

          CAUSE           **You did not type the file name.**

          ACTION         **Enter a valid file name.**

1016           MESSAGE           EXPECTED A GROUP NAME PART TO FOLLOW  
'fname[/lockword].' INSTEAD OF A  
"-". A "-" IS USED TO SPECIFY NEGATIVE  
(EXCLUSION) FILESETS.  
SYNTAX

                  'fname[/lockword][.gname[.aname]]' (S/R  
1016)

          CAUSE           **You did not type the group name.**

          ACTION         **Enter a valid group name.**

1017           MESSAGE           EXPECTED AN ACCOUNT NAME PART TO FOLLOW  
'fname[/lockword].gname.', NOT A "-". A "-"  
IS USED TO SPECIFY NEGATIVE (EXCLUSION)  
FILESETS.  
SYNTAX

                  'fname[/lockword][.gname[.aname]]' (S/R  
1017)

          CAUSE           **You did not type the account name.**

          ACTION         **Enter a valid account name.**

1018           MESSAGE           EXPECTED A FILE NAME PART NOT A "/". A "/" IS  
USED TO  
SPECIFY A LOCKWORD AFTER THE FILE NAME PART.  
SYNTAX

		'fname[/lockword][.gname[.aname]]' (S/R 1018)
	CAUSE	<b>You did not type the file name.</b>
	ACTION	<b>Enter a valid file name.</b>
1019	MESSAGE	EXPECTED A GROUP NAME PART TO FOLLOW 'fname[/lockword].' NOT A "/". A "/" IS USED TO SPECIFY A LOCKWORD AFTER THE FILE NAME PART. SYNTAX
		'fname[/lockword][.gname[.aname]]' (S/R 1019)
	CAUSE	<b>You did not type the group name.</b>
	ACTION	<b>Enter a valid group name.</b>
1020	MESSAGE	EXPECTED AN ACCOUNT NAME PART TO FOLLOW 'fname[/lockword].gname', NOT A "/". A "/" IS USED TO SPECIFY A LOCKWORD AFTER THE FILE NAME PART. SYNTAX
		'fname[/lockword][.gname[.aname]]' (S/R 1020)
	CAUSE	<b>You did not type the account name.</b>
	ACTION	<b>Enter a valid account name.</b>
1021	MESSAGE	EXPECTED A '.', ',', OR ';' TO FOLLOW THE LOCKWORD PART OF A FILESET. '.' SPECIFIES A GROUP NAME PART IS TO FOLLOW, ',' SEPARATES THIS FILESET FROM THE NEXT, AND ';' SPECIFIES THE END OF THE FILESETLIST. SYNTAX
		'fname[/lockword][.gname[.aname]]' (S/R 1021)
	CAUSE	<b>You did not include a '.', ',', or ';' after lockword.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
1022	MESSAGE	LOCKWORDS ARE NOT ALLOWED IN NEGATIVE (EXCLUSION) FILESETS. SYNTAX
		'fname[.gname[.aname]]' (S/R 1022)
	CAUSE	<b>Same as message content.</b>
	ACTION	<b>Do not use lockwords with negative filesets.</b>
1023	MESSAGE	SPECIFIED LOCKWORD IS TOO LONG. THE MAXIMUM LENGTH OF A LOCKWORD IS 8 CHARACTERS. SYNTAX
		'fname[/lockword][.gname[.aname]]' (S/R

		1023)
	CAUSE	<b>The maximum lockword length has been exceeded.</b>
	ACTION	<b>Enter a lockword with 8 characters or less.</b>
1024	MESSAGE	INDIRECT FILES MAY NOT BE USED IN NEGATIVE (EXCLUSION) FILESETS. SYNTAX  'fname[/lockword][.gname[.aname]][-fname[.gname[.aname]]...'(S/R 1024)
	CAUSE	<b>Same as message content.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
1025	MESSAGE	EXPECTED A FILENAME OF AN INDIRECT FILE TO FOLLOW A '^' OR '!', NOT ANOTHER '^' OR '!'. NOTE: THE CI USES '!' FOR VARIABLE SUBSTITUTION SO USE OF '!' SHOULD BE AVOIDED IN FAVOR OF '^'. SYNTAX  '[^]fname[.gname[.aname]]' (S/R 1025)
	CAUSE	<b>You did not type the indirect file name correctly.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
1026	MESSAGE	EXPECTED A GROUP NAME PART TO FOLLOW 'fname[/lockword].', NOT A '^' OR '!'. A '^' OR '!' IS USED TO SPECIFY AN INDIRECT FILE. SYNTAX  'fname[/lockword][.gname[.aname]]' (S/R 1026)
	CAUSE	<b>'^' or '!' is not accepted after filename.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
1027	MESSAGE	EXPECTED AN ACCOUNT NAME PART TO FOLLOW 'fname[/lockword].gname.', NOT A '^' OR '!'. A '^' OR '!' IS USED TO SPECIFY AN INDIRECT FILE. SYNTAX  'fname[/lockword][.gname[.aname]]' (S/R 1027)
	CAUSE	<b>'^' Or '!' is not accepted after filename.groupname.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
1028	MESSAGE	EXPECTED A FILESET NAME. EMPTY FILESET NAMES ARE NOT ALLOWED UNLESS THEY ARE USED SINGLY TO REQUEST THE DEFAULT FILESET. Ex. 'STORE ;*t;SHOW'. SYNTAX



'fname[.gname[.aname]]' (S/R 1028)

CAUSE **You did not type the fileset name correctly.**

ACTION **Check the syntax and retype the command.**

1029 MESSAGE EXPECTED A GROUP NAME PART TO FOLLOW  
'fname[/lockword].' INSTEAD OF A ",", ";" OR  
END OF DATA. SYNTAX

'fname[/lockword][.gname[.aname]]' (S/R  
1029)

CAUSE **You did not type a valid group name after file name.**

ACTION **Check the syntax and retype the command.**

1030 MESSAGE EXPECTED AN ACCOUNT NAME PART TO FOLLOW  
'fname[/lockword].gname,', NOT A ",", ";" OR  
END OF DATA. SYNTAX

'fname[/lockword][.gname[.aname]]' (S/R  
1030)

CAUSE **You did not type a valid account after the group name.**

ACTION **Check the syntax and retype the command.**

1031 MESSAGE A FILESET NAME PART MUST START WITH A-Z OR  
ANY WILDCARD THAT  
SPECIFIES A SUBSET OF A-Z ('?', '@', OR A  
CHARACTER SET). THE REST OF THE CHARACTERS  
MUST BE ALPHANUMERIC OR WILDCARDS. SYNTAX

'fname[/lockword][.gname[.aname]]' (S/R  
1031)

CAUSE **You probably mistyped the file name.**

ACTION **Retype the command.**

1032 MESSAGE EXPECTED A FILE NAME PART NOT A ".". A "." IS  
USED TO SEPARATE PARTS OF A FILENAME. SYNTAX

'fname[/lockword][.gname[.aname]]' (S/R  
1032)

CAUSE **You did not type the file name correctly.**

ACTION **Check the syntax and retype the command.**

1033 MESSAGE EXPECTED A GROUP NAME PART TO FOLLOW  
'fname[/lockword].' NOT A ".". A "." IS USED  
TO SEPARATE PARTS OF A FILENAME. SYNTAX

'fname[/lockword][.gname[.aname]]' (S/R

		1033)
	CAUSE	<b>You did not type the group name correctly.</b>
	ACTION	<b>Retype the command with a valid group name.</b>
1034	MESSAGE	EXPECTED AN ACCOUNT NAME PART TO FOLLOW 'fname[/lockword].gname', NOT A ".". A "." IS USED TO SEPARATE PARTS OF A FILENAME. SYNTAX  'fname[/lockword][.gname[.aname]]' (S/R 1034)
	CAUSE	<b>You did not type the account name correctly.</b>
	ACTION	<b>Retype the command with a valid account name.</b>
1035	MESSAGE	INVALID CHARACTER IN FILESET NAME PART. A FILESET NAME PART MUST START WITH A-Z OR ANY WILDCARD THAT SPECIFIES A SUBSET OF A-Z ( '?', '@', OR A CHARACTER SET). THE REST OF THE CHARACTERS MUST BE ALPHANUMERIC OR WILDCARDS. SYNTAX  'fname[/lockword][.gname[.aname]]' (S/R 1035)
	CAUSE	<b>You probably mistyped the name of the file set.</b>
	ACTION	<b>Retype the command.</b>
1036	MESSAGE	USER EXCEEDED MAXIMUM INDIRECT FILE NESTING LEVEL. (S/R 1036)
	CAUSE	<b>Same as the message content.</b>
	ACTION	<b>Reduce the indirect file nesting level.</b>
1037	MESSAGE	STORE/RESTORE WAS UNABLE TO OPEN INDIRECT FILE. (S/R 1037)
	CAUSE	<b>Various problems an causes.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1038	MESSAGE	INDIRECT FILE RECORD SIZE IS INVALID. IT MUST BE BETWEEN 8 AND 1024 BYTES. (S/R 1038)
	CAUSE	<b>Same as the message content.</b>
	ACTION	<b>Rebuild the indirect file.</b>
1039	MESSAGE	STORE/RESTORE COULD NOT OBTAIN READ ACCESS TO INDIRECT FILE. (S/R 1039)
	CAUSE	<b>Various problems and causes.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1040	MESSAGE	STORE/RESTORE ENCOUNTERED ERROR REWINDING

		INDIRECT FILE. (S/R 1040)
	CAUSE	<b>Various problems and causes.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1041	MESSAGE	STORE/RESTORE ENCOUNTERED ERROR READING INDIRECT FILE. (S/R 1041)
	CAUSE	<b>Various problems and causes.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1042	MESSAGE	STORE/RESTORE WAS UNABLE TO CLOSE INDIRECT FILE (S/R 1042)
	CAUSE	<b>Various problems and causes.</b>
	ACTION	<b>Call your support representative.</b>
1043	MESSAGE	! NOT STORED: FILE NOT FOUND IN DIRECTORY
	CAUSE	<b>The file does not exist on the system.</b>
	ACTION	<b>Specify another file.</b>
1044	MESSAGE	! NOT STORED: DIRECTORY NODE IN PATH SUFFERED MAP IN FAILURE. NODE PROBABLY HAS EXTENTS ON UNMOUNTED VOLUME
	CAUSE	<b>Various problems and causes.</b>
	ACTION	<b>Call your support representative.</b>
1045	MESSAGE	! NOT STORED: VOLUMESSET SPECIFIED IN DIRECTORY PATH DOES NOT EXIST ON THIS SYSTEM
	CAUSE	<b>Same as the message content.</b>
	ACTION	<b>Specify another volumeset.</b>
1046	MESSAGE	! NOT STORED: SPECIFIED ACCOUNT DOES NOT EXIST
	CAUSE	<b>Same as the message content.</b>
	ACTION	<b>Specify another account.</b>
1047	MESSAGE	! NOT STORED: SPECIFIED GROUP DOES NOT EXIST
	CAUSE	<b>Same as the message content.</b>
	ACTION	<b>Specify another group.</b>
1048	MESSAGE	! NOT STORED: SPECIFIED FILE DOES NOT EXIST
	CAUSE	<b>Same as the message content.</b>
	ACTION	<b>Specify another file.</b>
1049	MESSAGE	! NOT STORED: ACCOUNT DOES NOT EXIST ON VOLUMESSET SPECIFIED IN DIRECTORY PATH
	CAUSE	<b>Same as the message content.</b>

	ACTION	<b>Specify another account.</b>
1050	MESSAGE	! NOT STORED: GROUP DOES NOT EXIST ON VOLUMESET SPECIFIED IN DIRECTORY PATH
	CAUSE	<b>Same as the message content.</b>
	ACTION	<b>Specify another group.</b>
1051	MESSAGE	! NOT STORED: ERROR IN DIRECTORY SEARCH (FIND) ROUTINE.
	CAUSE	<b>Various problems and causes.</b>
	ACTION	<b>Call your support representative.</b>
1052	MESSAGE	CATASTROPHIC DIRECTORY ERROR. ROOT NODE OPEN FAILURE. (S/R 1052)
	CAUSE	<b>Various problems and causes.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1053	MESSAGE	! SEARCH PATH ENCOUNTERED A DIRECTORY NODE THAT SUFFERED MAP IN FAILURE. SOME FILES WILL NOT BE STORED. NODE PROBABLY HAS EXTENTS ON UNMOUNTED VOLUME. (S/R 1053)
	CAUSE	<b>Various problems and causes.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1054	MESSAGE	! SEARCH PATH ENCOUNTERED A DIRECTORY NODE THAT SUFFERED INTERNAL ACCESS ERROR. SOME FILES WILL NOT BE STORED. (S/R 1054)
	CAUSE	<b>Various problems and causes.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1055	MESSAGE	! NOT STORED: NO MATCHING FILES FOUND
	CAUSE	<b>The files do not exist on the system.</b>
	ACTION	<b>Specify other files.</b>
1056	MESSAGE	! NOT RESTORED: FILE NOT FOUND ON MEDIA
	CAUSE	<b>The files do not exist on the tape.</b>
	ACTION	<b>Specify other files.</b>
1057	MESSAGE	! NOT RESTORED: NO MATCHING FILES FOUND ON MEDIA
	CAUSE	<b>The files do not exist on the tape.</b>
	ACTION	<b>Specify other files.</b>
1059	MESSAGE	SPECIFIED DATA BASE ROOT FILE NAME IS TOO LONG. IT MUST BE SIX CHARACTERS OR LESS TO BE A VALID ROOT FILE NAME. (S/R 1059)

	CAUSE	<b>You specified a data base root file name that was more than six characters.</b>
	ACTION	<b>Enter a data base root file name that has six characters or less.</b>
1060	MESSAGE	INVALID SYNTAX IN CHARACTER SET WILDCARDING. (S/R 1060)
	CAUSE	<b>You included some invalid character.</b>
	ACTION	<b>Retype the command.</b>
1061	MESSAGE	EXCLUSION FILESETS MAY NOT BE USED AS PARTS OF REDIRECTION FILESETS. EXCLUSION CAN ONLY BE PART OF THE ORIGINAL FILESET. SYNTAX 'fname[/lockword][.gname[.aname]][-..][=fname[.. ..][:creator]]' (S/R 1061)
	CAUSE	<b>You cannot use exclusion filesets as parts of your target filesets in RENAME option.</b>
	ACTION	<b>Put exclusion fileset before redirection file name and retype the command.</b>
1062	MESSAGE	INDIRECT FILES MAY NOT BE USED AS (REDIRECTION) FILESETS. SYNTAX 'fname[/lockword][.gname[.aname][=fname[.. creator]]' (S/R 1062)
	CAUSE	<b>INdirect files are not allowed in target fileset name in RENAME option.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
1063	MESSAGE	EXPECTED A FILE NAME PART NOT A "=". A "=" IS USED TO INDICATE NAME REDIRECTION. SYNTAX 'fname[/lockword][.gname[.aname]]' (S/R 1063)
	CAUSE	<b>You have not entered a filename before the '=' sign for RENAME option.</b>
	ACTION	<b>Retype the command and include a filename.</b>
1064	MESSAGE	EXPECTED A GROUP NAME PART TO FOLLOW 'fname[/lockword].' NOT A "=". A "=" IS USED TO INDICATE NAME REDIRECTION. SYNTAX 'fname[/lockword][.gname[.aname]]' (S/R 1064)
	CAUSE	<b>You have not entered a group name after the 'fname.' for RENAME option.</b>
	ACTION	<b>Retype the command and enter a group name after 'fname.'</b>
1065	MESSAGE	EXPECTED AN ACCOUNT NAME PART TO FOLLOW 'fname[/lkwd].gname.' "=". A "=" IS USED TO INDICATE NAME REDIRECTION. SYNTAX

		'fname[/lockword][.gname[.aname]]' (S/R 1065)
	CAUSE	<b>You have not entered an account name after 'gname.' for RENAME option.</b>
	ACTION	<b>Retype the command and include a account name after 'gname.'</b>
1066	MESSAGE	REDIRECTION FILESETS (NAME REDIRECTION) CANNOT BE USED WITH INDIRECT FILES (S/R 1066)
	CAUSE	<b>Target fileset cannot be used with indirct files for RENAME option.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
1067	MESSAGE	ONLY ONE REDIRECTION CAN BE SPECIFIED PER FILESET. (S/R 1067)
	CAUSE	<b>You have specified more than one new filename specification for a file, using the = syntax and the RENAME option.</b>
	ACTION	<b>Check the syntax of your command, only specifying one target name per fileset, and redo the store command.</b>
1068	MESSAGE	EXPECTED A FILE NAME PART NOT A ":". A ":" IS USED TO INDICATE CREATOR NAME REDIRECTION. SYNTAX 'fname[/lockword][.gname[.aname]]' (S/R 1068)
	CAUSE	<b>You have not entered a filename for RENAME option.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
1069	MESSAGE	EXPECTED A GROUP NAME PART TO FOLLOW 'fname[/lockword].' NOT A ":". A ":" IS USED TO INDICATE CREATOR NAME REDIRECTION. SYNTAX 'fname[/lockword][.gname[.aname]]' (S/R 1069)
	CAUSE	<b>You have not entered a group name after 'fname.' for RENAME option.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
1070	MESSAGE	EXPECTED AN ACCOUNT NAME PART TO FOLLOW 'fname[/lkwd].gname.' ":". A ":" IS USED TO INDICATE CREATOR NAME REDIRECTION. SYNTAX 'fname[/lockword][.gname[.aname]]' (S/R 1070)
	CAUSE	<b>You have not entered an account name after 'gname.'</b>
	ACTION	<b>Check the syntax and retype the command.</b>
1071	MESSAGE	A ':' IS USED TO INDICATE CREATOR NAME REDIRECTION AND CAN ONLY BE USED IN CONJUNCTION WITH FILE '=' REDIRECTION. SYNTAX 'fname[/lockword][.gname[.aname]][=fname[...][: creator]]

	CAUSE	<b>Misuse of colon.</b>
	ACTION	<b>Only use colon with RENAME to specify a new creator.</b>
1072	MESSAGE	EXPECTED A ',', OR ';' TO FOLLOW THE CREATOR NAME PART OF A FILESET. ',' SEPARATES THIS FILESET FROM THE NEXT, AND ';' SPECIFIES THE END OF THE FILESETLIST. SYNTAX 'fname[/lockword][.gname[.aname][=fname[...]][:creator]] (S/R 1072)
	CAUSE	<b>Invalid character as a seperator following creator name.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
1073	MESSAGE	INVALID CHARACTER(S) IN CREATOR NAME. CREATOR NAME MUST BE ALPHANUMERIC BEGINNING WITH 'A-Z' AND BE NO MORE THAN 8 CHARACTERS IN LENGTH (S/R 1073)
	CAUSE	<b>You have entered an invalid creator name.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
1074	MESSAGE	SPECIFIED CREATOR NAME IS TOO LONG. THE MAXIMUM LENGTH OF A CREATOR NAME IS 8 CHARACTERS. SYNTAX 'fname[/lockword][.gname[.aname][=fname[...]][:creator]] (S/R 1074)
	CAUSE	<b>You have entered an invalid creator name.</b>
	ACTION	<b>Check the syntax and retype the command.</b>
1075	MESSAGE	THE ONLY VALID WILDCARD NAME FOR A REDIRECTION FILE NAME PART IS '@'. E.G. A@.B.C=@.D (S/R 1075)
	CAUSE	<b>Trying to use regular store wildcarding.</b>
	ACTION	<b>RENAME does not allow the mixing of wild cards and alphanumeric characters in a target file name.</b>
1076	MESSAGE	REDIRECTION FILE NAMES CAN NOT CONTAIN LOCKWORDS. SYNTAX 'fname[/lockword][...]=fname[.gname[.accname]][:creator]] (S/R 1076)
	CAUSE	<b>Lockwords are not allowed with the redirection file when a RENAME option is specified.</b>
	ACTION	<b>Delete the lockwork and retype the command.</b>
1079	MESSAGE	A REDIRECTION FILE NAME MAY END IN A SLASH OR HAVE WILDCARDS BUT NOT BOTH E.G. /A/G/F@=/D/E/F/ OR /A/G/F@=/D/@/@ (S/R 1079)
	CAUSE	<b>The redirection file name specified a directory with trailing slash. Directories cannot be wildcarded.</b>

	ACTION	<b>Either remove trailing slash or all wildcards.</b>
1080	MESSAGE	THE ONLY VALID WILDCARD NAME FOR A REDIRECTION CREATOR NAME PART IS '@'. E.G. A@.B.C=@.D:U.@ OR A@.B.C=@.D:@.A (S/R 1080)
	CAUSE	<b>Invalid wildcard specification in creator name.</b>
	ACTION	<b>Use a single '@' in creator name and/or creator account name.</b>
1081	MESSAGE	! NOT STORED: FILE NOT FOUND
	CAUSE	<b>A file that was specified to be stored was not found on the system.</b>
	ACTION	<b>Check your input fileset and retype the STORE command.</b>
1201	MESSAGE	VOLUMESET "!" SPECIFIED IN THE 'VOLSET' OPTION DOES NOT EXIST ON THE SYSTEM. (S/R 1201)
	CAUSE	<b>Same as the message content.</b>
	ACTION	<b>Specify another volumeset.</b>
1202	MESSAGE	VOLUME CLASS "!" SPECIFIED IN THE 'VOLCLASS' OPTION DOES NOT EXIST ON THE SPECIFIED VOLUMESET. "MPEXL_SYSTEM_VOLUME_SET" IS THE DEFAULT VOLUME_SET IF NONE WAS SPECIFIED (S/R 1202)
	CAUSE	<b>Same as the message content.</b>
	ACTION	<b>Specify another volume class.</b>
1203	MESSAGE	VOLUME "!" SPECIFIED IN THE 'VOL' OPTION DOES NOT EXIST ON THE SPECIFIED VOLUME_SET. "MPEXL_SYSTEM_VOLUME_SET" IS THE DEFAULT VOLUME_SET IF NONE WAS SPECIFIED. (S/R 1203)
	CAUSE	<b>Same as the message content.</b>
	ACTION	<b>Specify another volume.</b>
1204	MESSAGE	SPECIFIED LDEV IS NOT MOUNTED AT THIS TIME (S/R 1204)
	CAUSE	<b>You specified a device that is not mounted.</b>
	ACTION	<b>Specify a mounted device.</b>
1205	MESSAGE	VOLUME CLASS "!" SPECIFIED IN THE 'VOLCLASS' OPTION DOES NOT CURRENTLY HAVE ANY MEMBER VOLUMES MOUNTED ON THE SYSTEM. FOR MORE INFORMATION USE THE "DSTAT" COMMAND. (S/R 1205)
	CAUSE	<b>You specified an empty volclass.</b>



	ACTION	<b>Specify a volclass with volume mounted.</b>
1206	MESSAGE	VOLUME "!" SPECIFIED IN THE 'VOL' OPTION IS IN THE PROCESS OF MOUNTING. RESCHEDULE RESTORE WHEN THE MOUNTING IS COMPLETE (S/R 1206)
	CAUSE	<b>Volume is being mount now.</b>
	ACTION	<b>Retype the restore command after volume is mounted.</b>
1207	MESSAGE	RESTORE RECEIVED UNEXPECTED STATUS FROM VOLUME MANAGEMENT. THIS WAS PROBABLY DUE TO HAVING SPECIFIED 'VOL', 'DEV', 'VOLCLASS', OR 'VOLSET' OPTIONS WITH CONFLICTING NAMES. VLM ERROR: !. (S/R 1207)
	CAUSE	<b>Various problems and causes.</b>
	ACTION	<b>Check the syntax and try again or call your Hewlett-Packard Support Representative.</b>
1251	MESSAGE	RESTORE ENCOUNTERED MEDIA READ ERROR ON LDEV !. (S/R 1251)
	CAUSE	<b>Various problems and causes.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1252	MESSAGE	RESTORE ENCOUNTERED MEDIA READ ERROR ON REMOTE DEVICE FILE "!". (S/R 1252)
	CAUSE	<b>Various problems and causes.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1253	MESSAGE	RESTORE ENCOUNTERED MEDIA READ ERROR ON FILE "!". (S/R 1253)
	CAUSE	<b>Various problems and causes.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1254	MESSAGE	RESTORE ENCOUNTERED ERROR POSITIONING PAST DIRECTORY ON LDEV !. (S/R 1254)
	CAUSE	<b>Various problems and causes.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1255	MESSAGE	RESTORE ENCOUNTERED ERROR POSITIONING PAST DIRECTORY ON REMOTE DEVICE FILE "!". (S/R 1255)
	CAUSE	<b>Various problems and causes.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1256	MESSAGE	RESTORE ENCOUNTERED ERROR POSITIONING PAST DIRECTORY ON FILE "!". (S/R 1256)

	CAUSE	<b>Various problems and causes.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1257	MESSAGE	RESTORE ENCOUNTERED UNKNOWN MEDIA ON LDEV ! (S/R 1257)
	CAUSE	<b>The media is not recognized by store process.</b>
	ACTION	<b>Mount another media.</b>
1258	MESSAGE	RESTORE ENCOUNTERED UNKNOWN MEDIA ON REMOTE DEVICE FILE "!". (S/R 1258)
	CAUSE	<b>The media is not recognized by store process.</b>
	ACTION	<b>Mount another media.</b>
1259	MESSAGE	RESTORE ENCOUNTERED UNKNOWN MEDIA ON FILE "!". (S/R 1259)
	CAUSE	<b>The media is not recognized by store process.</b>
	ACTION	<b>Mount another media.</b>
1260	MESSAGE	RESTORE ENCOUNTERED ERROR READING STORE LABEL ON LDEV !. (S/R 1260)
	CAUSE	<b>Various problems and causes.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1261	MESSAGE	RESTORE ENCOUNTERED ERROR READING STORE LABEL ON REMOTE DEVICE FILE "!". (S/R 1261)
	CAUSE	<b>Various problems and causes.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1262	MESSAGE	RESTORE ENCOUNTERED ERROR READING STORE LABEL ON FILE "!". (S/R 1262)
	CAUSE	<b>Various problems and causes.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1263	MESSAGE	ATTEMPTING RESTORE OF MEDIA WITH DAMAGED DIRECTORY ON LDEV !
	CAUSE	<b>Same as the message content.</b>
	ACTION	<b>Information only.</b>
1264	MESSAGE	ATTEMPTING RESTORE OF MEDIA WITH DAMAGED DIRECTORY ON REMOTE DEVICE FILE "!"
	CAUSE	<b>Same as the message content.</b>
	ACTION	<b>Information only.</b>
1265	MESSAGE	ATTEMPTING RESTORE OF MEDIA WITH DAMAGED DIRECTORY ON FILE "!"

	CAUSE	<b>Same as the message content.</b>
	ACTION	<b>Information only.</b>
1266	MESSAGE	ATTEMPTING RESTORE OF MEDIA WITH DAMAGED LABEL ON LDEV !
	CAUSE	<b>Same as the message content.</b>
	ACTION	<b>Information only.</b>
1267	MESSAGE	ATTEMPTING RESTORE OF MEDIA WITH DAMAGED LABEL ON REMOTE DEVICE FILE "!"
	CAUSE	<b>Same as the message content.</b>
	ACTION	<b>Information only.</b>
1268	MESSAGE	ATTEMPTING RESTORE OF MEDIA WITH DAMAGED LABEL ON FILE "!"
	CAUSE	<b>Read error on media label.</b>
	ACTION	<b>Use duplicate store tape.</b>
1269	MESSAGE	RESTORE ENCOUNTERED MEDIA DATA SEQUENCE ERROR ON LDEV !
	CAUSE	<b>Some data blocks on media are missing or corrupted.</b>
	ACTION	<b>Call your support representative.</b>
1270	MESSAGE	RESTORE ENCOUNTERED MEDIA DATA SEQUENCE ERROR ON REMOTE DEVICE FILE "!"
	CAUSE	<b>Some data blocks on media are missing or corrupted.</b>
	ACTION	<b>Call your support representative.</b>
1271	MESSAGE	RESTORE ENCOUNTERED MEDIA DATA SEQUENCE ERROR ON FILE "!"
	CAUSE	<b>Some data blocks on media are missing or corrupted.</b>
	ACTION	<b>Call your support representative.</b>
1272	MESSAGE	RESTORE ENCOUNTERED INCOMPATIBLE MEDIA VERSION ON LDEV !. (S/R 1272)
	CAUSE	<b>Your store subsystem is prior to the tape media version.</b>
	ACTION	<b>Update store subsystem to new media version.</b>
1273	MESSAGE	RESTORE ENCOUNTERED INCOMPATIBLE MEDIA VERSION ON REMOTE DEVICE FILE "!". (S/R 1273)
	CAUSE	<b>Your store subsystem is prior to the tape media version.</b>
	ACTION	<b>Update store subsystem to new media version.</b>
1274	MESSAGE	RESTORE ENCOUNTERED INCOMPATIBLE MEDIA VERSION ON FILE "!". (S/R 1274)

	CAUSE	<b>Your store subsystem is prior to the tape media version.</b>
	ACTION	<b>Update store subsystem to new media version.</b>
1275	MESSAGE	RESTORE RECOVERING MEDIA WITH DAMAGED (UNREADABLE) MEDIA LABEL ON LDEV !
	CAUSE	<b>Media error was encountered while reading the label.</b>
	ACTION	<b>To ensure complete data retrieval use duplicate store tapes.</b>
1276	MESSAGE	RESTORE RECOVERING MEDIA WITH DAMAGED (UNREADABLE) MEDIA LABEL ON REMOTE DEVICE FILE "!"
	CAUSE	<b>Media error was encountered while reading the label.</b>
	ACTION	<b>To ensure complete data retrieval use duplicate store tapes.</b>
1277	MESSAGE	RESTORE RECOVERING MEDIA WITH DAMAGED (UNREADABLE) MEDIA LABEL ON FILE "!"
	CAUSE	<b>Media error was encountered while reading the label.</b>
	ACTION	<b>To ensure complete data retrieval use duplicate store tapes.</b>
1278	MESSAGE	RESTORE ENCOUNTERED ERROR READING MEDIA LABEL ON LDEV !. (S/R 1278)
	CAUSE	<b>Media error was encountered while reading the label.</b>
	ACTION	<b>To ensure complete data retrieval use duplicate store tapes.</b>
1279	MESSAGE	RESTORE ENCOUNTERED ERROR READING MEDIA LABEL ON REMOTE DEVICE FILE "!". (S/R 1279)
	CAUSE	<b>Media error was encountered while reading the label.</b>
	ACTION	<b>To ensure complete data retrieval use duplicate store tapes.</b>
1280	MESSAGE	RESTORE ENCOUNTERED ERROR READING MEDIA LABEL ON FILE "!". (S/R 1280)
	CAUSE	<b>Media error was encountered while reading the label.</b>
	ACTION	<b>To ensure complete data retrieval use duplicate store tapes.</b>
1281	MESSAGE	RESTORE ENCOUNTERED ERROR READING MEDIA DIRECTORY ON LDEV !. (S/R 1281)
	CAUSE	<b>Media error encountered while reading the store set directory.</b>
	ACTION	<b>To ensure complete data retrieval use duplicate store</b>

		<b>tapes.</b>
1282	MESSAGE	RESTORE ENCOUNTERED ERROR READING MEDIA DIRECTORY ON REMOTE DEVICE FILE "!". (S/R 1282)
	CAUSE	<b>Media error encountered while reading the store set directory.</b>
	ACTION	<b>To ensure complete data retrieval use duplicate store tapes.</b>
1283	MESSAGE	RESTORE ENCOUNTERED ERROR READING MEDIA DIRECTORY ON FILE "!". (S/R 1283)
	CAUSE	<b>Media error encountered while reading the store set directory.</b>
	ACTION	<b>To ensure complete data retrieval use duplicate store tapes.</b>
1284	MESSAGE	RESTORE ENCOUNTERED INCOMPLETE BACKUP ON LDEV ! (S/R 1284)
	CAUSE	<b>RESTORE encountered the end of the media on the specified device before all files were restored.</b>
	ACTION	<b>It is possible that the backup was aborted before it was completely stored. Check to see if there are other reels in the backup.</b>
1285	MESSAGE	RESTORE ENCOUNTERED INCOMPLETE BACKUP ON REMOTE LDEV ! (S/R 1285)
	CAUSE	<b>RESTORE encountered the end of the media on the specified remote device before all files were restored.</b>
	ACTION	<b>It is possible that the backup was aborted before it was completely stored. Check to see if there are other reels in the backup.</b>
1286	MESSAGE	RESTORE ENCOUNTERED INCOMPLETE BACKUP ON FILE "!". (S/R 1286)
	CAUSE	<b>RESTORE encountered the end of the media on the specified disk file before all files were restored.</b>
	ACTION	<b>It is possible that the backup was aborted before it was completely stored. Check to see if there are other reels in the backup.</b>
1287	MESSAGE	RESTORE ENCOUNTERED MISSING TAPE MARK AFTER SSM ON LDEV ! (S/R 1287)
	CAUSE	<b>A RESTORE internal sequencing error occurred on the specified drive.</b>
	ACTION	<b>Contact your HP Support Representative.</b>

1288	MESSAGE	RESTORE ENCOUNTERED MISSING TAPE MARK AFTER SSM ON REMOTE LDEV ! (S/R 1288)
	CAUSE	<b>A RESTORE internal sequencing error occurred on the specified remote drive.</b>
	ACTION	<b>Contact your HP Support Representative.</b>
1290	MESSAGE	RESTORE WAS UNABLE TO SKIP TO THE FINAL MEDIA DIRECTORY ON LDEV ! (S/R 1290)
	CAUSE	<b>RESTORE encountered an error while trying to read in the final media directory for a backup created with ONLINE=END on the specified device.</b>
	ACTION	<b>Make sure the correct media were mounted. If the error persists, contact your HP Support Representative.</b>
1291	MESSAGE	RESTORE WAS UNABLE TO SKIP TO THE FINAL MEDIA DIRECTORY ON REMOVE LDEV ! (S/R 1291)
	CAUSE	<b>RESTORE encountered an error while trying to read in the final media directory for a backup created with ONLINE=END on the specified remote device.</b>
	ACTION	<b>Make sure the correct media were mounted. If the error persists, contact your HP Support Representative.</b>
1292	MESSAGE	RESTORE WAS UNABLE TO SKIP TO THE FINAL MEDIA DIRECTORY ON FILE "!" (S/R 1292)
	CAUSE	<b>RESTORE encountered an error while trying to read in the final media directory for a backup created with ONLINE=END on the specified disk file.</b>
	ACTION	<b>Make sure the correct media were mounted. If the error persists, contact your HP Support Representative.</b>
1293	MESSAGE	RESTORE IS UNABLE TO SKIP TO THE NEXT FILE TO BE RESTORED ON LDEV ! DUE TO A BAD SAVE SET MARK SKIP COUNT (S/R 1293)
	CAUSE	<b>RESTORE needed to skip more than the maximum number of save set marks allowed on one DDS tape.</b>
	ACTION	<b>If ONERR=SKIP was specified, then this is just a warning. RESTORE will prompt you to mount the next tape. However, if ONERR=QUIT was specified, then RESTORE will abort. Retry the restore with ONERR=SKIP.</b>
1301	MESSAGE	LABELED VOLUME FREAD OF STORE LABEL FAILED ON LDEV ! (S/R 1301)
	CAUSE	<b>Internal error occurred trying to read the store label from the first reel.</b>
	ACTION	<b>To ensure complete data retrieval use duplicate store tapes and contact your HP Support Representative further</b>

		<b>assistance.</b>
1304	MESSAGE	LDEV ! DOES NOT APPEAR TO BE A STORE BACKUP (S/R 1304)
	CAUSE	<b>The disk file specified for the restore does not contain a Store label.</b>
	ACTION	<b>Check you file equations. Make sure they point to a valid store disk backup. Re-run the command.</b>
1305	MESSAGE	REMOTE LDEV ! DOES NOT APPEAR TO BE A STORE BACKUP (S/R 1305)
	CAUSE	<b>The disk file specified for the restore does not contain a Store label.</b>
	ACTION	<b>Check you file equations. Make sure they point to a valid store disk backup. Re-run the command.</b>
1306	MESSAGE	FILE "!" DOES NOT APPEAR TO BE A STORE BACKUP (S/R 1306)
	CAUSE	<b>The disk file specified for the restore does not contain a Store label.</b>
	ACTION	<b>Check you file equations. Make sure they point to a valid store disk backup. Re-run the command.</b>
1307	MESSAGE	RESTORE ENCOUNTERED UNEXPECTED IO ERROR ON LDEV ! (S/R 1307)
	CAUSE	<b>An unexpected error from the I/O system was encountered by RESTORE on the specified device.</b>
	ACTION	<b>Report the error received to your HP Support Representative.</b>
1308	MESSAGE	RESTORE ENCOUNTERED UNEXPECTED IO ERROR ON REMOTE DEVICE FILE "!" (S/R 1308)
	CAUSE	<b>An unexpected error from the I/O system was encountered by RESTORE on the specified remote device.</b>
	ACTION	<b>Report the error received to your HP Support Representative.</b>
1401	MESSAGE	RESTORE ENCOUNTERED IO ERROR: LDEV ! DOES NOT SUPPORT READ TRANSFER LENGTH OF ! BYTES (S/R 1401)
	CAUSE	<b>Media record length can not be handled by current ldev.</b>
	ACTION	<b>Use device which can handle the media record size.</b>
1451	MESSAGE	STORE ENCOUNTERED MEDIA TOO SMALL TO WRITE DIRECTORY ON LDEV ! (S/R 1451)
	CAUSE	<b>The is too short for directory to fit.</b>

	ACTION	<b>Use longer media.</b>
1452	MESSAGE	STORE ENCOUNTERED MEDIA TOO SMALL TO WRITE DIRECTORY ON REMOTE DEVICE FILE "!" (S/R 1452)
	CAUSE	<b>The is too short for directory to fit.</b>
	ACTION	<b>Use longer media.</b>
1453	MESSAGE	STORE ENCOUNTERED MEDIA TOO SMALL TO WRITE DIRECTORY ON FILE "!". (S/R 1453)
	CAUSE	<b>The is too short for directory to fit.</b>
	ACTION	<b>Use longer media.</b>
1454	MESSAGE	STORE ENCOUNTERED MEDIA WRITE ERROR ON LDEV !. (S/R 1454)
	CAUSE	<b>Bad media was encountered on the store device.</b>
	ACTION	<b>Remount a good media.</b>
1455	MESSAGE	STORE ENCOUNTERED MEDIA WRITE ERROR ON REMOTE DEVICE FILE "!". (S/R 1455)
	CAUSE	<b>Bad media was encountered on the store device.</b>
	ACTION	<b>Remount a good media.</b>
1456	MESSAGE	STORE ENCOUNTERED MEDIA WRITE ERROR ON FILE "!". (S/R 1456)
	CAUSE	<b>Bad media was encountered on the store device.</b>
	ACTION	<b>Remount a good media.</b>
1457	MESSAGE	FWRITE TO LABELED VOLUME FAILED ON LDEV ! (S/R 1457)
	CAUSE	<b>Internal error occurred while writing the tape label.</b>
	ACTION	<b>Contact your HP Support representative for further assistance.</b>
1460	MESSAGE	STORE ENCOUNTERED UNEXPECTED IO ERROR ON LDEV ! (S/R 1460)
	CAUSE	<b>An unexpected error from the I/O system was encountered by STORE on the specified device.</b>
	ACTION	<b>Report the error received to your HP Support Representative.</b>
1461	MESSAGE	STORE ENCOUNTERED UNEXPECTED IO ERROR ON REMOTE DEVICE FILE "!" (S/R 1461)
	CAUSE	<b>An unexpected error from the I/O system was encountered by STORE on the specified device.</b>
	ACTION	<b>Report the error received to your HP Support</b>



**Representative.**

1551	MESSAGE	STORE ENCOUNTERED IO ERROR: LDEV ! DOES NOT SUPPORT SPECIFIED DENSITY OF ! BPI. (S/R 1551)
	CAUSE	<b>The default density or one set by a file equation is not valid.</b>
	ACTION	<b>Set correct density by a file equation (option den= ).</b>
1552	MESSAGE	STORE ENCOUNTERED IO ERROR: EXCESSIVE WRITE RETRIES ON LDEV !. PLEASE CLEAN DRIVE HEADS OR MOUNT NEW MEDIA. (S/R 1552)
	CAUSE	<b>Dirty drive write heads or bad media.</b>
	ACTION	<b>Clean drive heads and use new media.</b>
1553	MESSAGE	STORE ENCOUNTERED IO ERROR: LDEV ! DOES NOT SUPPORT SPECIFIED RECORD SIZE OF ! BYTES. (S/R 1553)
	CAUSE	<b>The default record size or one set by a file equation is not valid.</b>
	ACTION	<b>Set correct record size by a file equation (option rec= ).</b>
1554	MESSAGE	SPECIFICALLY, RESTORE RECEIVED ERROR ! FROM SUBSYS ! (S/R 1554)
	CAUSE	<b>RESTORE experienced an unexpected error while doing I/O.</b>
	ACTION	<b>The error and subsystem shown here should be reported to your HP Support representative.</b>
1555	MESSAGE	SPECIFICALLY, RESTORE RECEIVED ERROR ! FROM THE IO SYSTEM (S/R 1555)
	CAUSE	<b>RESTORE experienced an unexpected I/O system error.</b>
	ACTION	<b>The error shown here should be reported to your HP Support representative.</b>
1556	MESSAGE	SPECIFICALLY, STORE RECEIVED ERROR ! FROM SUBSYS ! (S/R 1556)
	CAUSE	<b>STORE experienced an unexpected error while doing I/O.</b>
	ACTION	<b>The error and subsystem shown here should be reported to your HP Support representative.</b>
1557	MESSAGE	SPECIFICALLY, STORE RECEIVED ERROR ! FROM THE IO SYSTEM (S/R 1557)
	CAUSE	<b>STORE experienced an unexpected I/O system error.</b>
	ACTION	<b>The error shown here should be reported to your HP Support representative.</b>

1601	MESSAGE	! NOT STORED: FILE IS NOT IN SPECIFIED VOLUME SET LIST "ONVS"
	CAUSE	<b>The file does not exist on the volume sets specified by ONVS.</b>
	ACTION	<b>Check the file name and the volume set list for errors.</b>
1602	MESSAGE	! WARNING: THIS FILE IS ALREADY LOCKED BY A STORE PROCESS
	CAUSE	<b>Some other user is storing the file or the file name is repeated in the store command.</b>
	ACTION	<b>Check the store command for repeated names or wait until the file is freed by the other user.</b>
1603	MESSAGE	! NOT STORED: FILE IS OPEN FOR WRITING
	CAUSE	<b>File is open for write and hence can not be stored.</b>
	ACTION	<b>Retry when file is not open for write.</b>
1604	MESSAGE	! NOT STORED: LABEL MANAGEMENT ENCOUNTERED ERROR ACCESSING FILE LABEL
	CAUSE	<b>Store could not get the file label.</b>
	ACTION	<b>Call your support representative.</b>
1605	MESSAGE	! NOT STORED: FILE IS NOT IN SPECIFIED FILE CODE RANGE LIST
	CAUSE	<b>The file code is not within the range specified.</b>
	ACTION	<b>Check the file's name, code and the FCRANGE list.</b>
1606	MESSAGE	! NOT STORED: MODIFICATION DATE IS !
	CAUSE	<b>The file did not satisfy the date<math>\geq</math> criteria.</b>
	ACTION	<b>Check the file's modify date and date option date.</b>
1607	MESSAGE	! NOT STORED: ACCESS DATE IS !
	CAUSE	<b>The file did not satisfy the data<math>\leq</math> criteria.</b>
	ACTION	<b>Check the file's access date and date option date.</b>
1608	MESSAGE	! NOT STORED: READ ACCESS REQUIRES (UV) CAPABILITY
	CAUSE	<b>The user lacks UV capability to access the file.</b>
	ACTION	<b>Ask the account/system manager to store the file.</b>
1609	MESSAGE	! NOT STORED: READ ACCESS REQUIRES USER TO BE FILE'S CREATOR
	CAUSE	<b>Only AM/SM have read access to the file besides its creator.</b>
	ACTION	<b>Ask the account/system manager to store the file.</b>

# **12 Store/Restore (Native Mode) and TurboSTORE/iX III**

**(S/R) cont.**

1610	MESSAGE	! NOT STORED: READ ACCESS REQUIRES USER TO KNOW THE LOCKWORD
	CAUSE	<b>User must know the lockword to access the file.</b>
	ACTION	<b>Ask the account/system manager to store the file.</b>
1611	MESSAGE	! NOT STORED: USER DOES NOT HAVE READ ACCESS
	CAUSE	<b>The operation requires that you have Read Access to the file.</b>
	ACTION	<b>Request your system manager to store the file.</b>
1612	MESSAGE	! NOT STORED: READ ACCESS REQUIRES (AM) CAPABILITY
	CAUSE	<b>User lacks AM capability required to access the file.</b>
	ACTION	<b>Ask the account/system manager to store the file.</b>
1613	MESSAGE	! NOT STORED: READ ACCESS REQUIRES (SM) CAPABILITY
	CAUSE	<b>User lacks SM capability required to access the file.</b>
	ACTION	<b>Ask the system manager to store the file.</b>
1614	MESSAGE	! NOT STORED: READ ACCESS REQUIRES (GL) CAPABILITY
	CAUSE	<b>User lacks GL capability required to access the file.</b>
	ACTION	<b>Ask the account/system manager to store the file.</b>
1615	MESSAGE	! NOT STORED: READ ACCESS REQUIRES USER TO BE A MEMBER OF THE GROUP WHERE THE FILE RESIDES.
	CAUSE	<b>User must be a group member to access the file.</b>
	ACTION	<b>Ask the account/system manager to store the file.</b>
1616	MESSAGE	! NOT STORED: READ ACCESS REQUIRES (AL) CAPABILITY
	CAUSE	<b>User lacks AL capability required to access the file.</b>
	ACTION	<b>Ask the account/system manager to store the file.</b>
1617	MESSAGE	! NOT STORED: READ ACCESS REQUIRES (PM) CAPABILITY
	CAUSE	<b>User lacks PM capability required to access the file.</b>
	ACTION	<b>Ask the account/system manager to store the file</b>
1618	MESSAGE	! COULD NOT BE CLOSED DURING ABNORMAL TERMINATION

	CAUSE	<b>Store could not close this file during abnormal termination.</b>
	ACTION	<b>Call your support representative.</b>
1619	MESSAGE	FILE MAY BE INACCESSIBLE OR BECOME INCONSISTANT IF ACCESSED
	CAUSE	<b>Store could not close the file in a consistent state.</b>
	ACTION	<b>Call your support representative.</b>
1620	MESSAGE	! COULD NOT BE RELEASED FROM STORE EXCLUSIVE ACCESS (LAT)
	CAUSE	<b>The file could not be released from global locking table.</b>
	ACTION	<b>Call your support representative.</b>
1621	MESSAGE	! NOT STORED: ENCOUNTERED OPEN FAILURE ON FILE
	CAUSE	<b>Store locked the file but failed to open it.</b>
	ACTION	<b>Call your support representative.</b>
1622	MESSAGE	! COULD NOT BE CLOSED DURING STORE OPERATION
	CAUSE	<b>Store encountered an error trying to close the file.</b>
	ACTION	<b>Call your support representative.</b>
1623	MESSAGE	! NOT PURGED: STORE COULD NOT GAIN OPEN ACCESS TO THE FILE
	CAUSE	<b>File security violation or file is in use.</b>
	ACTION	<b>Check your capabilities, file security and if file is in use.</b>
1624	MESSAGE	! NOT PURGED: LOCKWORD VIOLATION ENCOUNTERED ON FILE OPEN
	CAUSE	<b>Incorrect lockword was supplied to FOPEN.</b>
	ACTION	<b>Retry with correct lockword.</b>
1625	MESSAGE	! NOT PURGED: FILE IS PROBABLY IN USE SINCE CLOSE FAILED
	CAUSE	<b>File is opened by some other user.</b>
	ACTION	<b>Check if file is in use and retry.</b>
1626	MESSAGE	! NOT FULLY STORED: DISC READ FAILURE
	CAUSE	<b>Data could not be obtained from the disk.</b>
	ACTION	<b>Call your support representative.</b>
1627	MESSAGE	! NOT FULLY STORED: INCOMPLETE DATA ON MEDIA
	CAUSE	<b>Data could not be obtained from the disk.</b>
	ACTION	<b>Call your support representative.</b>

1628	MESSAGE	! NOT PURGED: LABEL MANAGEMENT ENCOUNTERED ERROR ACCESSING FILE LABEL
	CAUSE	<b>Someone purged the file before STORE could try.</b>
	ACTION	<b>Check that the file is purged.</b>
1629	MESSAGE	! NOT STORED: FILE IS NOT IN SPECIFIED SPLIT VOLUME SET LIST "SPLITVS"
	CAUSE	<b>This particular file cannot be stored because it cannot be found in the split volume set.</b>
	ACTION	<b>Verify that the file resides in the specified split volume set and retype the command.</b>
1630	MESSAGE	! NOT STORED: FILE IS NOT IN ANY SPECIFIED VOLUME SET LIST "ONVS OR SPLITVS"
	CAUSE	<b>This particular file is not stored because it cannot be found either on the specified volumeset or the split volumeset.</b>
	ACTION	<b>Make sure the file exists and retype the command.</b>
1631	MESSAGE	! NOT STORED : FILE IS NOT ARCHIVABLE.
	CAUSE	<b>The non-archive bit is on for the specified file, meaning that it cannot be copied by STORE.</b>
	ACTION	<b>Remove these files from your STORE command, or ignore the warnings.</b>
1632	MESSAGE	STORE ENCOUNTERED INTERNAL ERROR ON PREFETCH.
	CAUSE	<b>Internal error occurred during STORE operation.</b>
	ACTION	<b>Contact your HP Support Representative for further assistance.</b>
1633	MESSAGE	! NOT STORED: STATE CHANGE DATE IS !
	CAUSE	<b>The file did not satisfy the date &gt;= criteria.</b>
	ACTION	<b>Check the file's state change date and option date.</b>
1634	MESSAGE	! NOT STORED: ACCESS CHECK ROUTINE TRAPPED
	CAUSE	<b>Internal error occurred during store.</b>
	ACTION	<b>Contact your HP Support representative.</b>
1635	MESSAGE	! NOT STORED: ACCOUNT NAME REDIRECTION REQUIRES (SM,OP) CAPABILITY
	CAUSE	<b>The user does not have the capability to rename all parts of the file specified by '!'. STORE continues without storing this file.</b>
	ACTION	<b>Ask the system administrator or system operator to store the desired redirected files.</b>
1636	MESSAGE	! NOT STORED: CREATOR NAME REDIRECTION

		REQUIRES (SM,OP,AM) CAPABILITY
	CAUSE	<b>The user does not have the capability to rename the creator of the file specified by '!'. STORE continues without storing this file.</b>
	ACTION	<b>Ask the system administrator or system operator to store the desired redirected files.</b>
1637	MESSAGE	! NOT STORED: CREATOR NAME REDIRECTION CANNOT BE DONE TO SPOOL FILES
	CAUSE	<b>No user may rename the creator of a spool file. File, group, and account renaming is acceptable however the user must have the appropriate capabilities in order to do so. STORE continues without storing this file.</b>
	ACTION	<b>Information only. Do not try to rename the creator of spool files in future STORE commands.</b>
1638	MESSAGE	! NOT STORED: FILE NAME REDIRECTION REQUIRES THE USER TO BE FILE CREATOR
	CAUSE	<b>The user does not have the capability to rename the file specified by '!'. STORE continues without storing this file.</b>
	ACTION	<b>Ask the creator of the file to store this file for you. Or, remove the file from your input file list.</b>
1639	MESSAGE	! WILL BE STORED WITH ACD: ACD CANNOT BE DELETED AS INTENDED BY OPTION NOACD.
	CAUSE	<b>ACD is a required component of this file, so the file will be stored with ACD.</b>
	ACTION	<b>Information only, no action required.</b>
1640	MESSAGE	! NOT RESTORED : ACCESS CHECK ROUTINE TRAPPED
	CAUSE	<b>This particular file was not restored due to internal error.</b>
	ACTION	<b>Contact your HP Support Representative for further assistance.</b>
1641	MESSAGE	! NOT RESTORED : ACD DELETION (NOACD) DENIED
	CAUSE	<b>User does not have the proper capability to delete ACD.</b>
	ACTION	<b>Have operator restore file.</b>
1643	MESSAGE	! NOT STORED: SOURCE NAME DOES NOT HAVE COMPONENT FOR SUBSTITUTION
	CAUSE	<b>A wildcard in redirected filename does not have corresponding part in source name.</b>
	ACTION	<b>Ensure that wildcards in redirected pathname has an equivalent component in source pathname.</b>
1644	MESSAGE	! NOT STORED: TARGET NAME IS NOT LEGAL MPE

		FILE NAME
	CAUSE	<b>You have entered an invalid target name for RENAME option.</b>
	ACTION	<b>Retype the command and include a valid target file name.</b>
1701	MESSAGE	STORE OPERATION IS !% COMPLETE (S/R 1701)
	CAUSE	<b>Store progress timer interrupt.</b>
	ACTION	<b>None.</b>
1702	MESSAGE	STORE ENCOUNTERED SYNCHRONIZATION ERROR REWRITING MEDIA. (S/R 1702)
	CAUSE	<b>Store internal errors.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1705	MESSAGE	READ FAILURE STARTED AT BYTE OFFSET ! FOR ! BYTES. (S/R 1705)
	CAUSE	<b>Data could not be obtained from the disk.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1709	MESSAGE	STORE ENCOUNTERED ERROR OBTAINING VOLUMESSET ID OF THE SYSTEM: VOLUME MANAGEMENT ERROR !. (S/R 1709)
	CAUSE	<b>Store got bad system volume set id during directory scan.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1710	MESSAGE	STORE ENCOUNTERED ERROR OBTAINING VOLUMESSET DIRECTORY INFORMATION: VOLUME MANAGEMENT ERROR !. (S/R 1710)
	CAUSE	<b>Store encountered error during directory scan phase.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1711	MESSAGE	STORE ENCOUNTERED ERROR CREATING THE DIRECTORY ACCOUNTING STRUCTURE MAP FOR THE VOLUMESSET "!". (S/R 1711)
	CAUSE	<b>Store failed to create the directory map.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1712	MESSAGE	WARNING AN EMPTY FILESET WAS FOUND, '@' WILL BE ASSUMED. (S/R 1712)
	CAUSE	<b>File set was not specified so default is assumed.</b>
	ACTION	<b>If you do not want the default then abort and retry.</b>
1713	MESSAGE	NO FILES WERE FOUND TO STORE BASED ON THE SELECTION CRITERIA. (S/R 1713)
	CAUSE	<b>No files matched the file set definition.</b>



	ACTION	<b>Check the file set and use listf to see if they exist.</b>
1714	MESSAGE	TOO FEW FILES (!) WERE FOUND TO BE DISTRIBUTED ACROSS ! STORE SETS. (S/R 1714)
	CAUSE	<b>The number of files to be stored is less than number of store sets.</b>
	ACTION	<b>Use lesser number of store sets.</b>
1716	MESSAGE	STORE CANNOT OPEN 'SYSLIST' AS A NEW FILE. ONLY PERMANENT, TEMPORARY, AND LOCAL (AS OPPOSED TO REMOTE) SPOOLFILES MAY BE USED. (S/R 1716)
	CAUSE	<b>A file equation equates syslist to a new file.</b>
	ACTION	<b>Change the file equation to an acceptable format.</b>
1717	MESSAGE	STORE CANNOT OPEN 'SYSLIST' AS A NEW "REMOTE" FILE. ONLY PERMANENT, TEMPORARY, AND LOCAL (AS OPPOSED TO REMOTE) SPOOLFILES MAY BE USED (S/R 1717)
	CAUSE	<b>A file equation equates syslist to a new remote file.</b>
	ACTION	<b>Change the file equation to an acceptable format.</b>
1718	MESSAGE	STORE CANNOT OPEN 'SYSLIST' AS A "REMOTE" SPOOLFILE. ONLY PERMANENT, TEMPORARY, AND LOCAL (AS OPPOSED TO REMOTE) SPOOLFILES MAY BE USED. (S/R 1718)
	CAUSE	<b>A file equation equates syslist to a remote pool file.</b>
	ACTION	<b>Change the file equation to an acceptable format.</b>
1719	MESSAGE	STORE CANNOT OPEN 'SYSLIST' AS A "REMOTE" DEVICE. ONLY PERMANENT, TEMPORARY, AND LOCAL (AS OPPOSED TO REMOTE) SPOOLFILES MAY BE USED (S/R 1719)
	CAUSE	<b>A file equation equates syslist to a remote device.</b>
	ACTION	<b>Change the file equation to an acceptable format.</b>
1720	MESSAGE	STORE CANNOT OPEN 'OFFLINE' AS A NEW FILE. ONLY PERMANENT, TEMPORARY, AND LOCAL (AS OPPOSED TO REMOTE) SPOOLFILES MAY BE USED. (S/R 1720)
	CAUSE	<b>A file equation equates offline to a new file.</b>
	ACTION	<b>Change the file equation to an acceptable format.</b>
1721	MESSAGE	STORE CANNOT OPEN 'OFFLINE' AS A NEW "REMOTE" FILE. ONLY PERMANENT, TEMPORARY, AND LOCAL (AS OPPOSED TO REMOTE) SPOOLFILES MAY BE USED. (S/R 1721)

	CAUSE	<b>A file equation equates offline to a remote file.</b>
	ACTION	<b>Change the file equation to an acceptable format.</b>
1722	MESSAGE	STORE CANNOT OPEN 'OFFLINE' AS A "REMOTE" SPOOLFILE. ONLY PERMANENT, TEMPORARY, AND LOCAL (AS OPPOSED TO REMOTE) SPOOLFILES MAY BE USED. (S/R 1722)
	CAUSE	<b>A file equation equates offline to a remote spool file.</b>
	ACTION	<b>Change the file equation to an acceptable format.</b>
1723	MESSAGE	STORE CANNOT OPEN 'OFFLINE' AS A "REMOTE" DEVICE. ONLY PERMANENT, TEMPORARY, AND LOCAL (AS OPPOSED TO REMOTE) SPOOLFILES MAY BE USED. (S/R 1723)
	CAUSE	<b>A file equation equates offline to a remote device.</b>
	ACTION	<b>Change the file equation to an acceptable format.</b>
1729	MESSAGE	STORE WAS UNABLE TO OBTAIN A TIMER ENTRY FOR THE 'PROGRESS' OPTION. CLOCKS ERROR: !. STORE WILL CONTINUE ANYWAY. (S/R 1729)
	CAUSE	<b>Store could not communicate with the system timer.</b>
	ACTION	<b>Abort and try again if you must have progress messages.</b>
1730	MESSAGE	STORE ENCOUNTERED A SYSTEM SECURITY VIOLATION DURING INITIALIZATION. (S/R 1730)
	CAUSE	<b>Internal security violation.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1731	MESSAGE	MEDIA RECORD SIZE SPECIFIED IS TOO SMALL TO HOUSE STORE'S FILE INFORMATION IN ONE RECORD. MINIMUM SIZE IS !. (S/R 1731)
	CAUSE	<b>The file label etc is not fitting in one media record.</b>
	ACTION	<b>Set a larger media record size by a file equation.</b>
1732	MESSAGE	STORE RAN OUT OF VIRTUAL SPACE CREATING THE MEDIA DIRECTORY OF FILES TO BE STORED. (S/R 1732)
	CAUSE	<b>Virtual space fragmentation caused store to run out of space.</b>
	ACTION	<b>Retry store when the system is less loaded.</b>
1733	MESSAGE	STORE RAN OUT OF DISC SPACE CREATING THE MEDIA DIRECTORY OF FILES TO BE STORED. (S/R 1733)
	CAUSE	<b>Too little disk space on the system.</b>
	ACTION	<b>Create some free disk space.</b>

1734	MESSAGE	STORE WAS UNABLE TO SET THE ACCESS DENSITY IN THE LDT. SHOWDEV MAY REPORT FALSE DENSITY INFORMATION. (S/R 1734)
	CAUSE	<b>Store could not communicate with the logical device table.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1735	MESSAGE	WARNING: FILE 'SYSLIST' RECORD SIZE IS TOO SMALL TO DISPLAY MESSAGES. THE 'SYSLIST' FILE IS REDIRECTED TO \$STDLIST. MINIMUM RECORD SIZE IS 80 BYTES. (S/R 1735)
	CAUSE	<b>The syslist record size is set too small.</b>
	ACTION	<b>Set a larger record size and retry.</b>
1736	MESSAGE	WARNING: FILE 'OFFLINE' RECORD SIZE IS TOO SMALL TO DISPLAY MESSAGES. THE 'OFFLINE' FILE IS REDIRECTED TO \$STDLIST. MINIMUM RECORD SIZE IS 80 BYTES. (S/R 1736)
	CAUSE	<b>The offline record size is set too small.</b>
	ACTION	<b>Set a larger record size and retry.</b>
1737	MESSAGE	STORE ENCOUNTERED INTERNAL PREFETCH ZERO LENGTH ERROR (S/R 1737)
	CAUSE	<b>Internal error occurred during STORE operation.</b>
	ACTION	<b>Contact your HP Support Representative.</b>
1738	MESSAGE	STORE WAS UNABLE TO ALLOCATE SPACE FOR 'COMPRESS' OPTION BUFFERS AND CONTROL BLOCKS: VSM ERROR ! (S/R 1738)
	CAUSE	<b>Store/Restore could not allocate the space needed to do compression.</b>
	ACTION	<b>Remove the COMPRESS option from the STORE command line, or wait until the system has more memory. If the problem persists, contact your HP representative.</b>
1739	MESSAGE	TOTAL MEDIA WRITTEN :
	CAUSE	<b>This is the total number of media written for this STORE.</b>
	ACTION	<b>Information only. Compare to the actual physical media to make sure you have all the media from this backup.</b>
1740	MESSAGE	MEDIA WRITTEN FOR SET ! :
	CAUSE	<b>This is the total number of media written for the specified parallel storeset.</b>
	ACTION	<b>Information only. Compare to the actual physical media to make sure you have all the media from this storeset.</b>
1741	MESSAGE	SENDMAIL TO SYSGEN FROM STORE FAILED. (S/R

		1741)
	CAUSE	<b>Internal error occurred during the creation of combined SLT/Store set.</b>
	ACTION	<b>Contact your HP Support Representative.</b>
1742	MESSAGE	WARNING: STORE WILL OVERRIDE HPCMSTORE VARIABLE. (S/R 1742)
	CAUSE	<b>Although the HPCMSTORE CI variable is set to TRUE, SYSGEN will override it and call NMStore.</b>
	ACTION	<b>Information only.</b>
1743	MESSAGE	REEL WITH BOTH SLT AND STORE FILES CAN NOT BE RECOVERED. (S/R 1743)
	CAUSE	<b>Unable to recover files from combined SLT/Store set due to internal error.</b>
	ACTION	<b>Contact your HP Support Representative.</b>
1744	MESSAGE	STORE ENCOUNTERED ERROR WHILE RETRIEVING ANCESTOR INFORMATION. (S/R 1744)
	CAUSE	<b>Store encountered an error may be because the grandparent process who invoked the store is not either HPINSTAL or AUTOINST.</b>
	ACTION	<b>Verify the grandparent process is either HPINSTAL or AUTOINST.</b>
1766	MESSAGE	STORE ENCOUNTERED DISC FILE TOO SMALL TO WRITE DIRECTORY ON FILE "!" (S/R 1766)
	CAUSE	<b>The disk file specified for a store-to-disk was not large enough to hold the directory information.</b>
	ACTION	<b>Specify a larger file for the backup, or let STORE create the disk file.</b>
1767	MESSAGE	STORE NEEDS DISC FILE TO HAVE AT LEAST ! SECTORS TO FIT ALL DIRECTORY INFORMATION (S/R 1767)
	CAUSE	<b>The disk file specified for a store-to-disk was not large enough to hold the directory information. It should be at least as big as specified in the message.</b>
	ACTION	<b>Specify a larger file for the backup, or let STORE create the disk file.</b>
1801	MESSAGE	! NOT RESTORED: MEDIA READ ERROR ON FILE.
	CAUSE	<b>A read error encountered on the media.</b>
	ACTION	<b>Use onerror=skip or a duplicate tape set.</b>
1802	MESSAGE	! NOT RESTORED: FILE HAD DATA ON A MEDIA THAT

		WAS NOT MOUNTED (SKIPPED)
	CAUSE	<b>Operator forced a media skip.</b>
	ACTION	<b>Redo the restore command if this file is needed.</b>
1803	MESSAGE	! NOT RESTORED: FILE COULD NOT BE FOUND BECAUSE OF DAMAGED MEDIA LABEL RECOVERY
	CAUSE	<b>This particular file can not be restored due to bad media label.</b>
	ACTION	<b>To ensure complete data retrieval use duplicate store set and contact your HP support representative.</b>
1804	MESSAGE	! NOT RESTORED: MEDIA READ ERROR OR FILE COULD NOT BE FOUND BECAUSE OF DAMAGED MEDIA LABEL RECOVERY
	CAUSE	<b>This particular file could not be restored due to either media read error or bad media label.</b>
	ACTION	<b>To ensure complete data retrieval use duplicate store set and contact your HP support representative for further assistance.</b>
1805	MESSAGE	! NOT RESTORED: FILE HAD DATA ON A MEDIA THAT WAS NOT MOUNTED (SKIPPED) OR FILE COULD NOT BE FOUND BECAUSE OF DAMAGED MEDIA LABEL RECOVERY
	CAUSE	<b>Unable to restore this file due to either bad file label or the file not found in the mounted media.</b>
	ACTION	<b>To ensure complete data retrieval use duplicate store set and contact your HP Support representative for further assistance.</b>
1806	MESSAGE	! NOT RESTORED: MEDIA READ ERROR OR FILE HAD DATA ON A MEDIA THAT WAS NOT MOUNTED (SKIPPED)
	CAUSE	<b>Media read error encountered or a media was skipped.</b>
	ACTION	<b>Try onerror=skip or use a duplicate tape set and retry.</b>
1807	MESSAGE	! NOT RESTORED: MEDIA READ ERROR OR FILE HAD DATA ON A MEDIA THAT WAS NOT MOUNTED (SKIPPED) OR FILE COULD NOT BE FOUND BECAUSE OF DAMAGED MEDIA LABEL RECOVERY
	CAUSE	<b>Same as message.</b>
	ACTION	<b>To ensure complete data retrieval use duplicate store set and contact your HP Support Representative.</b>
1808	MESSAGE	! NOT RESTORED: OLD COPY EXISTS: KEEP SPECIFIED

	CAUSE	<b>A disk copy of the file exists.</b>
	ACTION	<b>Exclude keep option if you desire the file to be over written.</b>
1809	MESSAGE	! COULD NOT BE GIVEN SPECIFIED VOLUME RESTRICTIONS
	CAUSE	<b>The file could not be restored to specified volume/volclass/volset.</b>
	ACTION	<b>Check group restrictions and disk space restrictions.</b>
1810	MESSAGE	! COULD NOT BE RESTRICTED TO THE SYSTEM MASTER VOLUME
	CAUSE	<b>Some file data had to be placed on non system master.</b>
	ACTION	<b>Make more free space on system master and retry.</b>
1811	MESSAGE	! NOT RESTORED: HPFOPEN RAW FAILED
	CAUSE	<b>File open with the file information on tape failed.</b>
	ACTION	<b>Call your support representative.</b>
1812	MESSAGE	! NOT RESTORED: MEDIA RECORD HEADER BLOCK CORRUPTED/INVALID
	CAUSE	<b>The header block of a media record is bad.</b>
	ACTION	<b>Call your support representative.</b>
1813	MESSAGE	! NOT RESTORED: STORE OF FILE FAILED DURING MEDIA CREATION
	CAUSE	<b>The file was not stored due to open failure.</b>
	ACTION	<b>None.</b>
1814	MESSAGE	! NOT RESTORED: DISC ALLOCATION FAILURE
	CAUSE	<b>Too little free disk space.</b>
	ACTION	<b>Create more disk space and retry.</b>
1815	MESSAGE	! NOT RESTORED: ENCOUNTERED PRIVILEGE VIOLATION PURGING OLD FILE
	CAUSE	<b>The negative file code on media does not match the one on disk.</b>
	ACTION	<b>First purge the disk copy and then retry.</b>
1816	MESSAGE	! NOT RESTORED: ENCOUNTERED LOCKWORD VIOLATION PURGING OLD FILE
	CAUSE	<b>The lockword on media does not match the one on disk and the user typed an incorrect lockword when prompted.</b>
	ACTION	<b>First purge the disk copy and then retry or type the correct lockword as on disk when prompted.</b>

1817	MESSAGE	! DOES NOT HAVE OLD FILE DATES. MECHANISM TO SET OLDDATE FAILED
	CAUSE	<b>The old file dates on media could not be set.</b>
	ACTION	<b>Call your support representative.</b>
1818	MESSAGE	! NOT RESTORED: FAILED SAVE OF NEW FILE
	CAUSE	<b>RESTORE could not save the newly restored file.</b>
	ACTION	<b>Call your support representative.</b>
1819	MESSAGE	! WAS ONLY PARTIALLY RECOVERED (RESTORED) DUE TO MEDIA READ ERRORS
	CAUSE	<b>The option ONERROR=FULL caused the file to be recovered partially.</b>
	ACTION	<b>Check file consistency and purge if partial recovery is not needed.</b>
1820	MESSAGE	! NOT RESTORED: DISC FILE IN USE, CANNOT PURGE
	CAUSE	<b>Some user has the file open so it can not be restored.</b>
	ACTION	<b>Retry when no one is using the file.</b>
1821	MESSAGE	! NOT RESTORED: NOT ALL OF THE DATA WAS WRITTEN AT STORE TIME
	CAUSE	<b>Disk read error was encountered at store time.</b>
	ACTION	<b>Use media with valid copy of the file.</b>
1822	MESSAGE	! DID NOT HAVE ALL OF ITS DATA WRITTEN TO THE MEDIA AT STORE TIME
	CAUSE	<b>Disc read error was encountered at store time.</b>
	ACTION	<b>Use media with valid copy of the file.</b>
1823	MESSAGE	! NOT RESTORED: CAN'T ACCESS (MAP IN) TARGET DIRECTORY A NODE IN THE PATH MAY HAVE EXTENTS ON UNMOUNTED VOLUMES.
	CAUSE	<b>All the volumes in the set are not mounted.</b>
	ACTION	<b>Mount all volumes.</b>
1824	MESSAGE	! NOT RESTORED: UNKNOWN DIRECTORY ERROR ENCOUNTERED
	CAUSE	<b>STORE internal error.</b>
	ACTION	<b>Call your support representative.</b>
1825	MESSAGE	! NOT RESTORED: USER VOLUME SET THAT GROUP/ACCOUNT ACCESS IS NOT MOUNTED.
	CAUSE	<b>The home volume set is not mounted.</b>

	ACTION	<b>Mount the volume set.</b>
1826	MESSAGE	! NOT RESTORED: ACCOUNT DOES NOT EXIST ON USER VOLUME SET. (I.E. ACCOUNT ON THE SYSTEM VOLUMESET LACKS MIRROR ON USER VS)
	CAUSE	<b>Directory structure discrepancy.</b>
	ACTION	<b>Call your support representative.</b>
1827	MESSAGE	! NOT RESTORED: GROUP DOES NOT EXIST ON USER VOLUME SET. (I.E. GROUP ON THE SYSTEM VOLUMESET LACKS MIRROR ON USER VS)
	CAUSE	<b>Directory structure discrepancy.</b>
	ACTION	<b>Call your support representative.</b>
1828	MESSAGE	! NOT RESTORED: DATA WRITE FAILURE (DISC WRITE FAILED)
	CAUSE	<b>Attempt to move data from media to disk failed.</b>
	ACTION	<b>Call your support representative.</b>
1829	MESSAGE	! ENCOUNTERED AS DATA LOSS DUE TO A MEDIA READ ERROR(S)
	CAUSE	<b>Media read error.</b>
	ACTION	<b>Retry with a duplicate media set.</b>
1830	MESSAGE	! NOT RESTORED: FILE IS NOT IN SPECIFIED FILE CODE RANGE LIST
	CAUSE	<b>The file code is not within the FCRANGE option range.</b>
	ACTION	<b>Check the FCRANGE parameter and file code.</b>
1831	MESSAGE	! NOT RESTORED: READ ACCESS REQUIRES (AM) CAPABILITY
	CAUSE	<b>User lacks AM capability required to read the file.</b>
	ACTION	<b>Ask the account/system manager to restore the file.</b>
1832	MESSAGE	! NOT RESTORED: READ ACCESS REQUIRES (SM) CAPABILITY
	CAUSE	<b>User lacks SM capability required to read the file.</b>
	ACTION	<b>Ask the system manager to restore the file.</b>
1833	MESSAGE	! NOT RESTORED: READ ACCESS REQUIRES (GL) CAPABILITY
	CAUSE	<b>User lacks GL capability required to read the file.</b>
	ACTION	<b>Ask the account/system manager to restore the file.</b>
1834	MESSAGE	! NOT RESTORED: READ ACCESS REQUIRES USER TO BE A MEMBER OF THE



		GROUP WHERE THE FILE RESIDED.
	CAUSE	<b>User should be the group member to read the file.</b>
	ACTION	<b>Ask the account/system manager to restore the file.</b>
1835	MESSAGE	! NOT RESTORED: READ ACCESS REQUIRES (AL) CAPABILITY
	CAUSE	<b>User lacks AL capability required to read the file.</b>
	ACTION	<b>Ask the account/system manager to restore the file.</b>
1836	MESSAGE	! NOT RESTORED: READ ACCESS REQUIRES (PM) CAPABILITY
	CAUSE	<b>User lacks PM capability required to read the file.</b>
	ACTION	<b>Ask the system manager to restore the file.</b>
1837	MESSAGE	! NOT RESTORED: READ ACCESS REQUIRES USER TO BE FILE'S CREATOR
	CAUSE	<b>Users other than the creator need am/sm to read the file.</b>
	ACTION	<b>Ask the account/system manager to restore the file.</b>
1838	MESSAGE	! NOT RESTORED: READ ACCESS REQUIRES (CR) CAPABILITY
	CAUSE	<b>User lacks cr capability required to read the file.</b>
	ACTION	<b>Ask the account/system manager to restore the file.</b>
1839	MESSAGE	! NOT RESTORED: READ ACCESS REQUIRES USER TO KNOW THE LOCKWORD
	CAUSE	<b>User must supply the lockword to read the file.</b>
	ACTION	<b>Supply lockword or ask the account/system manager to restore the file.</b>
1840	MESSAGE	! NOT RESTORED: USER DOES NOT HAVE READ ACCESS
	CAUSE	<b>The operation requires that you have Read Access to the file.</b>
	ACTION	<b>Request your system manager to restore the file.</b>
1841	MESSAGE	! NOT RESTORED: SPECIFIED GROUP DOES NOT EXIST. 'CREATE=GROUP' REQUIRED.
	CAUSE	<b>The file group does not exist in the directory.</b>
	ACTION	<b>Use create=group option.</b>
1842	MESSAGE	! NOT RESTORED: CREATION OF GROUP DIRECTORY NODE FAILED.
	CAUSE	<b>STORE internal error.</b>
	ACTION	<b>Call your support representative.</b>

1843	MESSAGE	! NOT RESTORED: SPECIFIED ACCOUNT DOES NOT EXIST. 'CREATE=ACCOUNT' REQUIRED.
	CAUSE	<b>The file account does not exist in the directory.</b>
	ACTION	<b>Use CREATE=account option.</b>
1844	MESSAGE	! NOT RESTORED: CREATION OF ACCOUNT DIRECTORY NODE FAILED.
	CAUSE	<b>STORE internal error.</b>
	ACTION	<b>Call your support representative.</b>
1845	MESSAGE	! NOT RESTORED: DIRECTORY ERROR ENCOUNTERED ACCESSING GROUP OR ACCOUNT NODE
	CAUSE	<b>STORE directory interface error.</b>
	ACTION	<b>Call your support representative.</b>
1846	MESSAGE	! NOT RESTORED: GROUP OR ACCOUNT DIRECTORY NODE(S) COULD NOT BE ACCESSED. THEY MAY HAVE EXTENTS ON UNMOUNTED VOLUMES.
	CAUSE	<b>Some unmounted volumes in the parent volumest.</b>
	ACTION	<b>Mount all volumes and retry.</b>
1847	MESSAGE	! NOT RESTORED: CREATOR DOES NOT EXIST IN SPECIFIED ACCOUNT. 'CREATE=CREATOR' REQUIRED.
	CAUSE	<b>The file creator does not exist in the directory.</b>
	ACTION	<b>Use CREATE=creator option.</b>
1848	MESSAGE	! NOT RESTORED: CREATION OF USER DIRECTORY NODE FAILED FOR FILE CREATOR.
	CAUSE	<b>STORE internal error.</b>
	ACTION	<b>Call your support representative.</b>
1849	MESSAGE	! NOT RESTORED: ACCOUNT WAS MADE INACCESSIBLE OR PURGED DURING CREATION OF FILE CREATOR.
	CAUSE	<b>STORE internal error.</b>
	ACTION	<b>Call your support representative.</b>
1850	MESSAGE	! NOT RESTORED: USER OR ACCOUNT DIRECTORY NODE(S) COULD NOT BE ACCESSED. THEY MAY HAVE EXTENTS ON UNMOUNTED VOLUMES.
	CAUSE	<b>Some unmounted volumes in the parent volumest.</b>
	ACTION	<b>Mount all volumes and retry.</b>
1851	MESSAGE	! NOT RESTORED: DIRECTORY ERROR ENCOUNTERED ACCESSING USER NODE.

	CAUSE	<b>STORE directory interface error.</b>
	ACTION	<b>Call your support representative.</b>
1852	MESSAGE	! NOT RESTORED: SAVE ACCESS REQUIRES (AM) CAPABILITY
	CAUSE	<b>User lacks am capability required to save the file.</b>
	ACTION	<b>Ask the account/system manager to restore the file.</b>
1853	MESSAGE	! NOT RESTORED: SAVE ACCESS REQUIRES (SM) CAPABILITY
	CAUSE	<b>User lacks SM capability required to save the file.</b>
	ACTION	<b>Ask the system manager to restore the file.</b>
1854	MESSAGE	! NOT RESTORED: SAVE ACCESS REQUIRES (GL) CAPABILITY
	CAUSE	<b>User lacks GL capability required to save the file.</b>
	ACTION	<b>Ask the account/system manager to restore the file.</b>
1855	MESSAGE	! NOT RESTORED: SAVE ACCESS REQUIRES USER TO BE A MEMBER OF THE GROUP WHERE THE FILE WILL RESIDE.
	CAUSE	<b>User must be a group member to save the file.</b>
	ACTION	<b>Ask the account/system manager to restore the file.</b>
1856	MESSAGE	! NOT RESTORED: SAVE ACCESS REQUIRES (AL) CAPABILITY
	CAUSE	<b>User lacks AL capability required to save the file.</b>
	ACTION	<b>Ask the account/system manager to restore the file.</b>
1857	MESSAGE	! NOT RESTORED: GROUP DOES NOT EXIST ON SYSTEM.
	CAUSE	<b>The file group does not exist.</b>
	ACTION	<b>Use create=group option.</b>
1858	MESSAGE	! NOT RESTORED: ACCOUNT DOES NOT EXIST ON SYSTEM.
	CAUSE	<b>The file account does not exist.</b>
	ACTION	<b>Use create=account option.</b>
1859	MESSAGE	! NOT RESTORED: FILE EOF IS GREATER THAN FILE LIMIT.
	CAUSE	<b>File system discrepancy.</b>
	ACTION	<b>Call your support representative.</b>
1860	MESSAGE	! NOT RESTORED : USER DOES NOT HAVE WRITE/PURGE ACCESS.

	CAUSE	User lacks capabilities to purge old file.
	ACTION	Ask the owner of the file, or the system manager or operator to restore this file for you.
1862	MESSAGE	! NOT RESTORED: NOT ALL OF LOG DATA WAS WRITTEN AT STORE TIME
	CAUSE	Due to an error writing out the log data for this file at Store time, Restore was not able to completely recover the file. Therefore, it was not restored at all.
	ACTION	Try restoring the file from a duplicate backup, if possible.
1863	MESSAGE	! DID NOT HAVE ALL OF ITS LOG DATA WRITTEN TO THE MEDIA AT STORE TIME
	CAUSE	Due to an error writing out the log data for this file at Store time, Restore was not able to completely recover the file. Therefore, it was not restored at all.
	ACTION	Try restoring the file from a duplicate backup, if possible.
1864	MESSAGE	! FAILED TO RECOVER PORTIONS OF COMPRESSED DATA
	CAUSE	The system failed to recover portions of compressed data for this file due to internal error.
	ACTION	Contact your HP Support representative for further assistance.
1868	MESSAGE	! NOT RESTORED: GROUP WAS MADE INACCESSIBLE OR PURGED DURING CREATION OF THE PATH.
	CAUSE	Unable to resolve the path name for this particular file because the group is either purged or inaccessible.
	ACTION	Check the syntax and retype the command.
1869	MESSAGE	! NOT RESTORED: ACCOUNT WAS MADE INACCESSIBLE OR PURGED DURING CREATION OF THE PATH.
	CAUSE	Unable to resolve the path name for this particular file because the account is either purged or inaccessible.
	ACTION	Check the syntax and retype the command.
1871	MESSAGE	! NOT RESTORED: ACCOUNT PART OF THE CREATOR NAME DOES NOT EXIST. OPTION 'CREATE=ACCOUNT' REQUIRED.
	CAUSE	This particular file is not stored because the account does not exist in the system.
	ACTION	Make sure either the account where the file needs to be stored exists or specify create=account in your command.
1872	MESSAGE	! NOT RESTORED: LACK CREATE ACCESS IN DIRECTORY

	CAUSE	<b>This file is not stored because you do not have the proper capabilities.</b>
	ACTION	<b>To store any directory you require SM or OP capability.</b>
1873	MESSAGE	! NOT RESTORED: LACK TRAVERSE ACCESS ON DIRECTORY
	CAUSE	<b>User does not have traverse access of a directory in the path of file to be restored.</b>
	ACTION	<b>Have operator restore file for user.</b>
1874	MESSAGE	! NOT RESTORED: LACK SAVE ACCESS ON DIRECTORY
	CAUSE	<b>Attempted to insert an entry in a hierarchical directory without Create Directory Entry (CD) permission.</b>
	ACTION	<b>Have operation performed by user with SM or AM capabilities, or have directory owner or system manager ALTSEC the directory to allow this operation.</b>
1875	MESSAGE	! NOT RESTORED: FILE WAS PURGED DURING STORE
	CAUSE	<b>The file specified was purged before the sync point when it was stored during a 7x24 True-Online backup.</b>
	ACTION	<b>Information only.</b>
1876	MESSAGE	! NOT RESTORED: FAILED TO SET AI LAT BIT BECAUSE THE FILE IS BEING RESTORED BY ANOTHER PROCESS.
	CAUSE	<b>The file specified is being restored by another RESTORE.</b>
	ACTION	<b>Wait until the other restore is complete, then restore the file again.</b>
1877	MESSAGE	! NOT RESTORED: FAILED TO SET AI LAT BIT DURING RESTORE. ENCOUNTERED ERROR ! FROM LAT SUBSYSTEM.
	CAUSE	<b>RESTORE was unable to set the after image LAT bit for this file.</b>
	ACTION	<b>Contact your HP support representative with the error reported.</b>
1878	MESSAGE	! NOT RESTORED: ACCOUNT NOT SPECIFIED FOR CREATOR NAME OF HFS FILE.
	CAUSE	<b>The account portion of the CREATE= option was not specified for an HFS file.</b>
	ACTION	<b>If you want to change the creator of an HFS file, the full username.accountname must be specified.</b>
1901	MESSAGE	RESTORE IS UNABLE TO RELOAD DIRECTORY ACCOUNTING STRUCTURES. REQUESTED NUMBER OF VOLUMESET DIRECTORY ACCOUNTING STRUCTURES TO

		RELOAD EXCEEDS THE MAXIMUM NUMBER OF MOUNTABLE VOLUMESETS FOR THIS SYSTEM (S/R 1901)
	CAUSE	<b>The number of directory structures to be restored exceeds the maximum allowed on your system.</b>
	ACTION	<b>Restore only maximum allowed volume set structures.</b>
1902	MESSAGE	WARNING: RESTORE ENCOUNTERED UNNECESSARY MEDIA SWITCH. CHECK YOUR SYSLIST AND SUMMARY TO VERIFY RESTORE (S/R 1902)
	CAUSE	<b>Unnecessary media switch after last file.</b>
	ACTION	<b>Discard redundant last media.</b>
1903	MESSAGE	RESTORE CAN'T TRANSLATE VERSION OF FILE LABEL ON THIS SYSTEM. RUN WITH 'LISTDIR' OPTION AND OBTAIN STORE "MEDIA VERSION" (S/R 1903)
	CAUSE	<b>The store subsystem is incompatible with the file label on media.</b>
	ACTION	<b>Update store subsystem.</b>
1904	MESSAGE	! VOLUME SET'S ACCOUNTING STRUCTURE COULD NOT BE REBUILT. (S/R 1904)
	CAUSE	<b>Directory services failure.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1905	MESSAGE	! BYTES COULD NOT BE RESTORED FOR PRECEEDING FILE
	CAUSE	<b>Data loss for a file being restored.</b>
	ACTION	<b>Use duplicate mdia set and retry.</b>
1906	MESSAGE	ADDRESS RANGE NOT STORED STARTS AT OFFSET ! FOR ! BYTES
	CAUSE	<b>Disk read error at store time.</b>
	ACTION	<b>Use a media set with valid copy of the file.</b>
1907	MESSAGE	RESTORESET OPTION CANNOT BE USED TO READ MPEv TAPES (S/R 1907)
	CAUSE	<b>Option RESTORESET is used with MPE V tapes.</b>
	ACTION	<b>Exclude RESTORESET option and retry.</b>
1908	MESSAGE	INVOKING CMSTORE TO READ MPE V TAPE
	CAUSE	<b>Store detected a compatibility mode tape and is calling CMSTORE to read it.</b>
	ACTION	<b>Information only.</b>
1909	MESSAGE	MEDIA ON SPECIFIED STORESETS ARE NOT FROM THE

		SAME STORE. (S/R 1909)
	CAUSE	<b>The tapes mounted for parallel storeset option were not created by the same store command. If you used a sequential storeset option to create the set of tapes then there is a possibility that some of the tapes were never written and, hence, have a time stamp that does not match the rest of the tapes.</b>
	ACTION	<b>Check that you have a consistent set of store tapes and exclude restoreset, if redundant.</b>
1911	MESSAGE	WARNING: YOUR DEFAULT FILESET BECOMES '@.@.@' SINCE YOU HAVE OP OR SM CAPABILITY. (S/R 1911)
	CAUSE	<b>File set specification was excluded.</b>
	ACTION	<b>Abort and use explicit file set if you do not want the default.</b>
1912	MESSAGE	WARNING: YOUR DEFAULT FILESET BECOMES '@.@' SINCE YOU HAVE AM CAPABILITY. (S/R 1912)
	CAUSE	<b>File set specification was excluded.</b>
	ACTION	<b>Abort and use explicit file set if you do not want the default.</b>
1913	MESSAGE	WARNING: YOUR DEFAULT FILESET BECOMES '@' SINCE YOU HAVE NONE OF OP, AM, OR SM CAPABILITY. (S/R 1913)
	CAUSE	<b>File set specification was excluded.</b>
	ACTION	<b>Abort and use explicit file set if you dont want the default.</b>
1937	MESSAGE	RESTORE FAILED
	CAUSE	<b>RESTORE encountered fatal error.</b>
	ACTION	<b>Check the error message beore this one.</b>
1938	MESSAGE	RESTORE FAILED TO CREATE TRANSIENT DATA SPACE TO DUMP MEDIA DIRECTORY: VSM ERROR !. (S/R 1938)
	CAUSE	<b>Restore could not get virtual space for its structures.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1939	MESSAGE	RESTORE FAILED TO RELEASE TRANSIENT DATA SPACE FOR MEDIA DIRECTORY: VSM ERROR !. (S/R 1939)
	CAUSE	<b>Restore failed to release its work space.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1940	MESSAGE	RESTORE FAILED TO CREATE TRANSIENT DATA SPACE

		FOR CANDIDATE FILE: VSM ERROR !. (S/R 1940)
	CAUSE	<b>Restore failed to allocate space for a candidate file.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1941	MESSAGE	MEDIA CONTAINS NO MPE VOLUME SET DIRECTORIES, 'DIRECTORY' OPTION CAN NOT RELOAD SYSTEM DIRECTORY
	CAUSE	<b>DIRECTORY option specified but no directories on tape.</b>
	ACTION	<b>Check the media set.</b>
1942	MESSAGE	RESTORE IS ASSUMING CURRENT MEDIA IS MEDIA ! FROM SET !
	CAUSE	<b>Reel and set number are unknown due to media label error.</b>
	ACTION	<b>Use a duplicate tape set with good labels.</b>
1943	MESSAGE	RESTORE IS ASSUMING CURRENT MEDIA IS MEDIA !
	CAUSE	<b>Reel number is unknown due to media label error.</b>
	ACTION	<b>Use a duplicate tape set with good labels.</b>
1944	MESSAGE	RESTORE ENCOUNTERED ERROR GETTING PROCESS LOCAL FILE DESCRIPTOR ADDRESS (PLFD). ERROR: !. (S/R 1944)
	CAUSE	<b>RESTORE internal error.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1945	MESSAGE	RESTORE ENCOUNTERED ERROR ALLOCATING SECONDARY STORAGE: SSM ERROR: !. (S/R 1945)
	CAUSE	<b>RESTORE internal error.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1946	MESSAGE	AREA OF DATA LOSS LIES BETWEEN BYTE OFFSET ! AND BYTE OFFSET !
	CAUSE	<b>Media read error caused some data loss.</b>
	ACTION	<b>Use duplicate tape set with good media.</b>
1948	MESSAGE	MPE DIRECTORIES FAILED TO RESTORE :
	CAUSE	<b>Some directories not restored.</b>
	ACTION	<b>Check previous error message about directory not restored.</b>
1950	MESSAGE	FILES FAILED TO RESTORE :
	CAUSE	<b>Some files were not restored.</b>
	ACTION	<b>Check the restore listing to see which files did not restore, and any error messages associated with those files.</b>



1951	MESSAGE	FILES NOT ON MEDIA :
	CAUSE	<b>Some files found no match on tape.</b>
	ACTION	<b>Use the tape set which has these files.</b>
1957	MESSAGE	RESTORE WAS UNABLE TO CREATE USER "!" IN ACCOUNT "!". CIERROR !. (S/R 1957)
	CAUSE	<b>Newuser command issued by store failed.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1958	MESSAGE	RESTORE WAS UNABLE TO CREATE ACCOUNT "!" . CIERROR !. (S/R 1958)
	CAUSE	<b>Newaccount command issued by store failed.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1959	MESSAGE	RESTORE WAS UNABLE TO CREATE GROUP "!" IN ACCOUNT "!".CIERROR !. (S/R 1959)
	CAUSE	<b>Newgroup command issued by store failed.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1960	MESSAGE	RESTORE CREATED ACCOUNT "!"
	CAUSE	<b>As part of the CREATE option, restore created the specified account. This account has default capabilities.</b>
	ACTION	<b>Information only.</b>
1961	MESSAGE	RESTORE CREATED GROUP "!" IN ACCOUNT "!"
	CAUSE	<b>As part of the CREATE option, restore created the specified group. This group has default capabilities.</b>
	ACTION	<b>Information only.</b>
1962	MESSAGE	RESTORE CREATED USER "!" IN ACCOUNT "!"
	CAUSE	<b>As part of the CREATE option, restore created the specified user. This user has default capabilities.</b>
	ACTION	<b>Information only.</b>
1963	MESSAGE	RESTORE CREATED ACCOUNT "!" ON VOLUMESET "!"
	CAUSE	<b>As part of the CREATE option, restore created the specified account on the specified volume set. This account has default capabilities.</b>
	ACTION	<b>Information only.</b>
1964	MESSAGE	RESTORE WAS UNABLE TO CREATE ACCOUNT "!" . ON VOLUMESET "!" CIERROR ! (S/R 1964)
	CAUSE	<b>Restore failed to create an account on user volset for create option.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>

1965	MESSAGE	RESTORE CREATED GROUP "!" IN ACCOUNT "!" ON VOLUMESET "!"
	CAUSE	<b>As part of the CREATE option, restore created the specified group on the specified volume set. This account has default capabilities.</b>
	ACTION	<b>Information only.</b>
1966	MESSAGE	RESTORE WAS UNABLE TO CREATE GROUP "!" IN ACCOUNT "!". ON VOLUMESET "!". CIERROR !. (S/R 1966)
	CAUSE	<b>Restore failed to create a group on user volset for create option.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1967	MESSAGE	RESTORE CREATED GROUP "!" MIRROR IN ACCOUNT "!" FOR VOLUMESET "!"
	CAUSE	<b>As part of the CREATE option, restore created the specified group on the specified mirrored volume set. This account has default capabilities.</b>
	ACTION	<b>Information only.</b>
1968	MESSAGE	RESTORE WAS UNABLE TO CREATE GROUP "!" IN ACCOUNT "!" MIRROR FOR VOLUMESET "!". CIERROR !. (S/R 1968)
	CAUSE	<b>Restore failed to create a group mirror on user volset for create option.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1969	MESSAGE	WARNING: RESTORE WAS UNABLE TO CREATE GROUP "!" IN ACCOUNT "!" MIRROR FOR VOLUMESET "!". CIERROR !. (S/R 1969)
	CAUSE	<b>Restore failed to create a group mirror on user volset for create option.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1970	MESSAGE	RESTORE CREATED ACCOUNT "!" MIRROR FOR VOLUMESET "!".
	CAUSE	<b>As part of the CREATE option, restore created the specified account on the specified mirrored volume set. This account has default capabilities.</b>
	ACTION	<b>Information only.</b>
1971	MESSAGE	RESTORE WAS UNABLE TO CREATE ACCOUNT "!" MIRROR FOR VOLUMESET "!". CIERROR !. (S/R 1971)
	CAUSE	<b>Restore failed to create a account mirror on user volset for</b>

		<b>create option.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
1972	MESSAGE	STORE MEDIA CREATED ON ! IS ON LDEV !
	CAUSE	<b>Store tape time stamp mismatch with STORESET option.</b>
	ACTION	<b>Option check the tape set creation times, exclude STORESET.</b>
1974	MESSAGE	RESTORE WAS UNABLE TO CREATE ACCOUNT "HPSPPOOL". (S/R 1974)
	CAUSE	<b>The HPSPPOOL account does not exist on the system volume set.</b>
	ACTION	<b>Have system manager review the circumstances of the disappearance of the HPSPPOOL account, then do a system reboot, which will recreate HPSPPOOL.</b>
1975	MESSAGE	RESTORE WAS UNABLE TO CREATE GROUP "OUT" IN ACCOUNT "HPSPPOOL". (S/R 1975)
	CAUSE	<b>The OUT.HPSPPOOL group does not exist on the system volume set.</b>
	ACTION	<b>Have system manager review the circumstances of the disappearance of the OUT.HPSPPOOL group, then do a system reboot, which will recreate HPSPPOOL.</b>
1976	MESSAGE	VSTORE OPTION CANNOT BE USED TO READ MPEV MEDIA (S/R 1977)
	CAUSE	<b>A MPE/V format tape was mounted for a VSTORE operation.</b>
	ACTION	<b>Only Native Mode Store tapes can be verified by VSTORE.</b>
1985	MESSAGE	ERROR SKIPPING PAST THE SLT (S/R 1985)
	CAUSE	<b>RESTORE encountered an error while trying to skip past the SLT portion of a combined SLT/Store tape.</b>
	ACTION	<b>Check the tape drive and reissue the command. If the problem persists, contact your HP representative.</b>
1986	MESSAGE	NO FILES STORED AFTER THE SLT (S/R 1986)
	CAUSE	<b>This SLT is not a combined SLT/Store Tape.</b>
	ACTION	<b>This tape can only be used as a system load tape.</b>
1987	MESSAGE	RESTORE ENCOUNTERED AN ERROR ON SLT REEL SWITCH (S/R 1987)
	CAUSE	<b>A tape error occurred while RESTORE was switching to the next reel of a combind SLT/Store set tape.</b>
	ACTION	<b>Check the tape drive and reissue the command. If the problem persists, contact your HP representative.</b>

2009	MESSAGE	RESTORE GOT A WARNING CREATING USER "!" IN ACCOUNT "!". CIWARN ! (S/R 2009)
	CAUSE	<b>While creating a the specified new user, RESTORE got a warning.</b>
	ACTION	<b>Information only, the user was still created. Look up the CI warning for more detail.</b>
2014	MESSAGE	RESTORE WAS UNABLE TO ALLOCATE SPACE TO EXPAND THE MEDIA DIRECTORY AREA: VSM ERROR !(S/R 2014)
	CAUSE	<b>RESTORE could not allocate enough scratch space to expand an older version of store media.</b>
	ACTION	<b>Make sure you have enough transient space on your system.</b>
2015	MESSAGE	RESTORE IS ABORTING BECAUSE IT IS UNABLE TO READ A VALID MEDIA DIRECTORY (S/R 2015)
	CAUSE	<b>RESTORE was unable to read a valid media directory from the backup media.</b>
	ACTION	<b>If you have additional media in the backup, try mounting them first.</b>
2016	MESSAGE	RESTORE FAILED TO ALLOCATE SPACE FOR ITS MEDIA DIRECTORY EXTENSION: VSM ERROR ! (S/R 2016)
	CAUSE	<b>RESTORE was unable to allocate enough temporary space to hold its media directory extension information.</b>
	ACTION	<b>Make sure you have enough transient space available on your system.</b>
2018	MESSAGE	RESTORE FAILED TO ALLOCATE SPACE FOR ITS RESTORED UFIDS ARRAY: VSM ERROR ! (S/R 2018)
	CAUSE	<b>RESTORE was unable to allocate enough temporary space to hold its internal UFID array.</b>
	ACTION	<b>Make sure there is enough transient space on your system.</b>
2019	MESSAGE	! NOT RESTORED: FILE WAS MISSED ON MEDIA DUE TO PREVIOUS RESTORE ERROR
	CAUSE	<b>Due to media errors, RESTORE was unable to restore one or more files on the backup.</b>
	ACTION	<b>Try to individually restore these files.</b>
2020	MESSAGE	! NOT RESTORED: FILE WAS MISSED ON INTERLEAVED MEDIA DUE TO PREVIOUS RESTORE ERROR
	CAUSE	<b>Due to media errors, RESTORE was unable to restore one</b>

		<b>or more files on the interleaved backup.</b>
	ACTION	<b>Try to individually restore these files.</b>
2021	MESSAGE	! NOT RESTORED: AI LOG DATA FOR FILE WAS MISSED ON MEDIA DUE TO RESTORE ERROR
	CAUSE	<b>Due to a previous media error, RESTORE is unable to locate the required after image data for the specified file.</b>
	ACTION	<b>Try to individually restore this file.</b>
2022	MESSAGE	! NOT RESTORED: FILE IS SUSPECTED OF MISSING DATA DUE TO EARLIER RESTORE MEDIA ERROR.
	CAUSE	<b>This file never had all of its data restored, probably due to an earlier media error.</b>
	ACTION	<b>Try to individually restore this file.</b>
2023	MESSAGE	! NOT RESTORED: RESTORE FORCED TO TERMINATE WHILE RESTORING FILE
	CAUSE	<b>The file is not restored because RESTORE was in the middle of restoring it when RESTORE was forced to abort due to either an error or user intervention.</b>
	ACTION	<b>Try to restore this file again.</b>
2024	MESSAGE	! NOT RESTORED: RESTORE FORCED TO TERMINATE BEFORE FILE WAS RESTORED
	CAUSE	<b>This file was not restored because RESTORE aborted, due to an error or user intervention, before the file was encountered on the media.</b>
2025	MESSAGE	! NOT RESTORED: RESTORE DETECTED WRONG DATA RECORD BLOCK NUMBER
	CAUSE	<b>The file was not restored because some of the blocks of file data were missing or out of order.</b>
	ACTION	<b>Contact your HP Support Representative.</b>
2026	MESSAGE	! NOT RESTORED: RESTORE DETECTED WRONG LOG RECORD BLOCK NUMBER
	CAUSE	<b>The file was not restored because some of the shadow log records are in wrong sequence.</b>
	ACTION	<b>Contact your HP Support Representative.</b>
2027	MESSAGE	! NOT RESTORED: FILE WAS STILL BEING RESTORED WHEN FINAL TRAILER WAS ENCOUNTERED
	CAUSE	<b>The file was not restored because the final trailer was encountered while only partial file was restored.</b>
	ACTION	<b>Contact your HP Support Representative.</b>
2028	MESSAGE	! NOT RESTORED: FILE WAS NOT FOUND WHEN FINAL

		TRAILER WAS ENCOUNTERED
	CAUSE	<b>The file was not restored because the final trailer was encountered before finding the file.</b>
	ACTION	<b>Verify you specified the file name correctly. If the problem still persists contact your HP Support Representative.</b>
2029	MESSAGE	RESTORE FAILED TO ALLOCATE DATA STRUCTURES NEEDED TO APPLY AFTER IMAGE LOG DATA (S/R 2029)
	CAUSE	<b>Restore failed because it is unable to allocated internal data structure required to restore the files.</b>
	ACTION	<b>Contact your HP Support Representative.</b>
2030	MESSAGE	! NOT RESTORED: MISSING OLD UFID PREVENTED LOG DATA FROM BEING APPLIED
	CAUSE	<b>The file is not restored because internal problem encountered while applying the shadow log data.</b>
	ACTION	<b>Contact your HP Support Representative.</b>
2031	MESSAGE	! NOT RESTORED: UNEXPECTED STORAGE MANAGEMENT ERROR ! WHILE OPENING OLD FILE
	CAUSE	<b>The file is not restored because of an internal error from the Disc Storage Manager.</b>
	ACTION	<b>Contact your HP Support Representative.</b>
2032	MESSAGE	! NOT RESTORED: AFTER IMAGE DATA NOT APPLIED
	CAUSE	<b>The file is not restored because an internal error occurred while applying the shadow log data.</b>
	ACTION	<b>Contact your HP Support Representative.</b>
2033	MESSAGE	! NOT RESTORED: UNEXPECTED STORAGE MANAGEMENT ERROR ! WHILE MAPPING IN OLD FILE
	CAUSE	<b>The file is not restored because of an internal error from Disc Storage Manager.</b>
	ACTION	<b>Contact your HP Support Representative.</b>
2034	MESSAGE	! NOT RESTORED: UNEXPECTED VSM ERROR ! WHILE ADJUSTING EOF AND FILE LIMIT OF OLD FILE
	CAUSE	<b>The file is not restored because of an internal error from Virtual Storage Manager.</b>
	ACTION	<b>Contact your HP Support Representative.</b>
2035	MESSAGE	! NOT RESTORED: UNEXPECTED ERROR ENCOUNTERED WHEN UPDATING FILE LABEL EXTENSION OF OLD FILE
	CAUSE	<b>The file is not restored because of an unexpected internal</b>

		<b>error while updating the file label extension.</b>
	ACTION	<b>Contact your HP Support Representative.</b>
2036	MESSAGE	RESTORE GOT UNEXPECTED ERROR ! FROM SUBSYS ! WHEN UPDATING FILE LABEL EXTENSION DATA
	CAUSE	<b>Restore failed because of an unexpected error from Label Management subsystem.</b>
	ACTION	<b>Contact your HP Support Representative.</b>
2101	MESSAGE	SPECIFIED DATABASE(S) COULD NOT BE RESTORED. (S/R 2101)
	CAUSE	<b>Database not restored.</b>
	ACTION	<b>Check previous error messages.</b>
2102	MESSAGE	! NOT RESTORED: DATABASE EXISTS: KEEP SPECIFIED
	CAUSE	<b>The specified database already exists on the system, so RESTORE can not overwrite it, due to the KEEP option being specified.</b>
	ACTION	<b>If you really want to overwrite the existing database, redo the RESTORE command, specifying the NOKEEP option instead.</b>
2110	MESSAGE	DBSTORE REQUIRES THAT BOTH THE 'HIGH' AND 'LOW' WATER MARK BE SPECIFIED. (S/R 2110)
	CAUSE	<b>Only one of high or low option was specified.</b>
	ACTION	<b>Specify both high and low options.</b>
2111	MESSAGE	DBSTORE COULDN'T FIND THE CORRECT NUMBER DATA SETS (COUNTING THE ROOT FILE). ! WERE SPECIFIED AND ! WERE FOUND. (S/R 2111)
	CAUSE	<b>There were some extra or missing datasets.</b>
	ACTION	<b>Check database consistency.</b>
2120	MESSAGE	SENDMAIL TO DBSTORE/DBRESTOR FROM STORE/RESTORE FAILED. (S/R 2120)
	CAUSE	<b>Send mail utility failure.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2128	MESSAGE	STORE/RESTORE ENCOUNTERED USER ABORTED IO ON LDEV !. (S/R 2128)
	CAUSE	<b>Break/abort or ABORTIO command killed store IO.</b>
	ACTION	<b>Redo store if you need to.</b>
2129	MESSAGE	STORE/RESTORE ENCOUNTERED USER ABORTED IO. (S/R 2129)

	CAUSE	<b>Break/abort or ABORTIO command killed store IO.</b>
	ACTION	<b>Redo store if you need to.</b>
2132	MESSAGE	STORE/RESTORE ENCOUNTERED EXCESSIVE REWIND RETRIES ON LDEV !. EXAMINE CABLE CONNECTIONS OR BUS ADDRESS. (S/R 2132)
	CAUSE	<b>Dirty tape heads or bad quality media.</b>
	ACTION	<b>Clean tape heads and use new tapes.</b>
2133	MESSAGE	STORE/RESTORE ENCOUNTERED EXCESSIVE REWIND RETRIES ON REMOTE DEVICE FILE "!". (S/R 2133)
	CAUSE	<b>Dirty tape heads or bad quality media.</b>
	ACTION	<b>Clean tape heads and use new tapes.</b>
2134	MESSAGE	STORE/RESTORE ENCOUNTERED EXCESSIVE REWIND RETRIES ON FILE "!". (S/R 2134)
	CAUSE	<b>Dirty tape heads or bad quality media.</b>
	ACTION	<b>Clean tape heads and use new tapes.</b>
2136	MESSAGE	STORE/RESTORE ENCOUNTERED CATASTROPHIC IO ERROR FROM SUBSYS !: ERROR. ! (S/R 2136)
	CAUSE	<b>Fatal IO error from specified subsystem.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2137	MESSAGE	STORE/RESTORE UNEXPECTEDLY RAN OUT OF FIXED IO BUFFER SPACE (S/R2137)
	CAUSE	<b>STORE or RESTORE encountered an unexpected error in its I/O system.</b>
	ACTION	<b>Contact your HP Support Representative.</b>
2138	MESSAGE	STORE/RESTORE UNEXPECTEDLY RAN OUT OF IO BUFFER SPACE (S/R 2138)' ' \CAUSE\ STORE or RESTORE encountered an unexpected error in its I/O system.
	ACTION	<b>Contact your HP Support Representative.</b>
2202	MESSAGE	STORE/RESTORE ENCOUNTERED FAILURE RELEASING FILE LOCKING MECHANISM (LAT). (S/R 2202)
	CAUSE	<b>Store could not release global file locking table.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2203	MESSAGE	STORE/RESTORE ENCOUNTERED FAILURE ACTIVATING FILE LOCKING MECHANISM (LAT). (S/R 2203)
	CAUSE	<b>Store could not activate global file locking table.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>



2204	MESSAGE	STORE/RESTORE ENCOUNTERED ERROR READING STORE IPC MESSAGE: IPC ERROR !. (S/R 2204)
	CAUSE	<b>System utility failure.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2205	MESSAGE	STORE/RESTORE ENCOUNTERED ERROR SENDING STORE IPC MESSAGE: IPC ERROR !. (S/R 2205)
	CAUSE	<b>System utility failure.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2206	MESSAGE	STORE/RESTORE FAILED TO CREATE ITS IPC PORT: IPC ERROR !. (S/R 2206)
	CAUSE	<b>System utility failure.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2207	MESSAGE	STORE/RESTORE FAILED TO CREATE ITS TRANSIENT DATA SPACE: VSM ERROR !. (S/R 2207)
	CAUSE	<b>Store could not create its work space.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2208	MESSAGE	STORE FAILED TO CREATE ITS SURROGATE PROCESS: PROCESS MANAGEMENT ERROR !. (S/R 2208)
	CAUSE	<b>System utility failure.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2209	MESSAGE	STORE/RESTORE OPERATION ABORTED BY USER REQUEST. (S/R 2209)
	CAUSE	<b>User aborted store operation.</b>
	ACTION	<b>None.</b>
2213	MESSAGE	STORE/RESTORE ENCOUNTERED FOPEN FAILURE ON DEVICE FILE "!". (S/R 2213)
	CAUSE	<b>Store aborted or device unavailable.</b>
	ACTION	<b>Set a file equation for a correct store device.</b>
2215	MESSAGE	DEVICE FILE "!" REFERENCES STORAGE MEDIA THAT CANNOT BE USED BYSTORE/RESTORE. ONLY 1/2 INCH TAPE ACCESS IS SUPPORTED IN NATIVE MODE. (S/R 2215)
	CAUSE	<b>Unsupported device file used.</b>
	ACTION	<b>Set a file equation for a correct store device.</b>
2216	MESSAGE	DEVICE FILE "!" REFERENCES LABELED TAPE MEDIA. LABELED TAPE ACCESS IS NOT ALLOWED WITH A '(RE)STORESET'. (S/R 2216)

	CAUSE	<b>NMstore found a labelled tape or device file equation.</b>
	ACTION	<b>Use unlabelled tapes and file equations.</b>
2217	MESSAGE	DEVICE FILE "!" HAS A DENSITY THAT IS DIFFERENT FROM THE DENSITY SPECIFIED FOR THE FIRST DEVICE OF THE '(RE)STORESET'. ALL TAPE DEVICE FILES MUST HAVE THE SAME DENSITY. (S/R 2217)
	CAUSE	<b>The tape density are not identical accross store/restore devices.</b>
	ACTION	<b>Use consistent device density for all drives.</b>
2218	MESSAGE	DEVICE FILE "!" REFERENCES STORAGE MEDIA THAT USES A DIFFERENT ACCESS METHOD THAN FIRST DEVICE OF THE '(RE)STORESET'. ALL DEVICE FILES IN A SET MUST USE THE SAME ACCESS METHOD. (S/R 2218)
	CAUSE	<b>The access methods are not identical accross store/restore devices.</b>
	ACTION	<b>Use consistent access methods for all drives.</b>
2219	MESSAGE	DEVICE FILE "!" REFERENCES STORAGE MEDIA THAT HAS A RECORD SIZE DIFFERENT THAN FIRST DEVICE OF THE '(RE)STORESET'. ALL DEVICE FILES IN A SET MUST USE THE SAME RECORD SIZE. (S/R 2219)
	CAUSE	<b>The record sizes are not identical accross store/restore devices.</b>
	ACTION	<b>Use consistent record size for all drives.</b>
2220	MESSAGE	DEVICE FILE "!" REFERENCES STORAGE MEDIA WITH A FORMAT DIFFERENT THAN FIRST DEVICE OF THE '(RE)STORESET'. ALL DEVICE FILES IN A SET MUST USE THE SAME FORMAT (EITHER LABELED OR UNLABELED). (S/R 2220)
	CAUSE	<b>The media format are not identical accross store/restore devices.</b>
	ACTION	<b>Use consistent media format for all drives.</b>
2221	MESSAGE	TAPE DENSITY OF DEVICES IN (RE)STORESET ! DOES NOT MATCH THE DENSITY OF THE DEVICES IN (RE)STORESET !. ALL DENSITIES MUST MATCH. (S/R 2221)
	CAUSE	<b>The tape density are not identical accross store/restore devices.</b>
	ACTION	<b>Use consistent device density for all drives.</b>
2222	MESSAGE	MEDIA RECORD SIZE OF DEVICE FILES IN

		(RE)STORESET ! DOES NOT MATCH THE MEDIA RECORD SIZE OF THE DEVICE FILES IN (RE)STORESET !. ALL MEDIA RECORD SIZES MUST BE THE SAME. (S/R 2222)
	CAUSE	<b>The record sizes are not identical accross store/restore devices.</b>
	ACTION	<b>Use consistent record size for all drives.</b>
2223	MESSAGE	MEDIA FORMAT OF DEVICE FILES IN (RE)STORESET ! DOES NOT MATCH THE MEDIA FORMAT OF THE DEVICE FILES IN (RE)STORESET !. ALL MEDIA MUST BE CREATED IN EITHER LABELED OR UNLABELED FORMAT. (S/R 2223)
	CAUSE	<b>The media format are not identical accross store/restore devices.</b>
	ACTION	<b>Use consistent media format for all drives.</b>
2224	MESSAGE	DEVICE FILE "!" HAS A INVALID RECORD SIZE OF ! BYTES (MINIMUM SIZE IS 8192 BYTES MAX IS 16384 IN MULTIPLES OF 2048 BYTES). (S/R 2224)
	CAUSE	<b>The media record size has invalid length.</b>
	ACTION	<b>Set tape file equation to set acceptable size.</b>
2225	MESSAGE	DEVICE FILE "!" HAS A INVALID RECORD SIZE OF ! BYTES (MINIMUM SIZE IS 8192 BYTES, MAX IS 16384 IN MULTIPLES OF 2048 BYTES). DEFAULT OF 16384 BYTES WILL BE USED. (S/R 2225)
	CAUSE	<b>The media record size has invalid length.</b>
	ACTION	<b>Set tape file equation to set acceptable size.</b>
2226	MESSAGE	VOLUME MANAGEMENT MAXIMUM MOUNTED VOLUME SET COUNT WAS EXCEEDED FOR STORE/RESTORE INTERNAL VOLUME SET LIST STRUCTURES. STORE WAS EITHER PORTED TO AN INCONSISTENT OS OR RESTORE OF VOLUMESETS WAS DONE WITHOUT CORRECT 'FROMVS' VOLUME SETS SPECIFIED. (S/R 2226)
	CAUSE	<b>Store internal error.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2227	MESSAGE	STORE/RESTORE ENCOUNTERED FOPEN FAILURE ON 'SYSLIST' FILE. (S/R 2227)
	CAUSE	<b>Syslist file could not be opened by main process.</b>
	ACTION	<b>Set a valid file equation for syslist.</b>
2228	MESSAGE	THE SYSLIST FILE IS OPENED OLD PERMANENT WITH DEFAULT OF STDLIST. (S/R 2228)

	CAUSE	<b>Syslist open failure, defaulted to stdlist.</b>
	ACTION	<b>Set a valid file equation for syslist and retry.</b>
2229	MESSAGE	STORE/RESTORE ENCOUNTERED ERROR CLOSING 'SYSLIST' FILE. (S/R 2229)
	CAUSE	<b>Store could not close syslist file.</b>
	ACTION	<b>Check the syslist file equation and retry.</b>
2230	MESSAGE	STORE/RESTORE ENCOUNTERED FOPEN FAILURE ON 'OFFLINE' FILE. (S/R 2230)
	CAUSE	<b>Offline file could not be opened by main process.</b>
	ACTION	<b>Set a valid file equation for offline.</b>
2231	MESSAGE	STORE/RESTORE TERMINATING BECAUSE OF BAD OFFLINE. (S/R 2231)
	CAUSE	<b>Offline file could not be opened by store.</b>
	ACTION	<b>Set a valid file equation for offline and retry.</b>
2232	MESSAGE	STORE/RESTORE ENCOUNTERED ERROR CLOSING THE 'OFFLINE' FILE. (S/R 2232)
	CAUSE	<b>Offline file could not be closed by store.</b>
	ACTION	<b>Set a valid file equation for offline and retry.</b>
2234	MESSAGE	STORE/RESTORE ABORTED AS PER USER REQUEST. (S/R 2234)
	CAUSE	<b>Break-abort or ABORTIO.</b>
	ACTION	<b>None.</b>
2235	MESSAGE	STORE/RESTORE ENCOUNTEED ERROR ATTEMPTING TO CREATE THE CMSTORE PROCESS TO READ A MPE V TAPE. (S/R 2235)
	CAUSE	<b>System utility failure.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2236	MESSAGE	SPECIFIED COMMAND STRING EXCEEDS THE MAXIMUM ALLOWABLE LENGTH (255 BYTES) THAT THE CMSTORE PROCESS MAY BE INVOKED WITH. (S/R 2236)
	CAUSE	<b>Command string is too long.</b>
	ACTION	<b>Use indirect file.</b>
2242	MESSAGE	MAX MEDIA BUFFER SIZE IS USED. CURRENT MEDIA RECORD SIZE IS: !.
	CAUSE	<b>MAXTAPEBUF option is specified</b>
	ACTION	<b>None.</b>
2243	MESSAGE	! NOT RESTORED: UNKNOWN ERROR ENCOUNTERED.

		(S/R 2243)
	CAUSE	<b>A file could not be restored due to unknown error.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2244	MESSAGE	STORE/RESTORE ABORTED DUE TO UNKNOWN ERROR. (S/R 2244)
	CAUSE	<b>Unknown fatal error during store/restore.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2245	MESSAGE	A TRAP OCCURED WHILE GENERATING THE STORE/RESTORE FILE LISTING. (S/R 2245)
	CAUSE	<b>A trap occured while generating show listing.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2246	MESSAGE	A TRAP OCCURED WHILE ACCESSING THE FILE LISTING OBJECT (S/R 2246)
	CAUSE	<b>A trap occured while accessing file list object.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2247	MESSAGE	STORESET CONTAINS DUPLICATE REFERENCES TO A SINGLE LDEV. (S/R 2247)
	CAUSE	<b>Same device used more than once in the store command.</b>
	ACTION	<b>Retry without using duplicate references to a single ldev.</b>
2252	MESSAGE	THE DEVICE FILE "!" IS OF UNSUITABLE TYPE FOR THIS STORE ALL OR NONE OF THE DEVICES SHOULD BE DDS FOR A SINGLE COMMAND (S/R 2252)
	CAUSE	<b>Both 1/2 inch and DDS devices were specified for a store command.</b>
	ACTION	<b>Make sure all file equations reference the same type of devices and reissue the store command.</b>
2253	MESSAGE	COULD NOT TURN ON SSM STATUS REPORTING FOR DEVICE "!" (S/R 2253)
	CAUSE	<b>An error occurred for the specified DDS device.</b>
	ACTION	<b>Check the device and reissue the command. If the problem persists, contact your HP representative.</b>
2254	MESSAGE	COULD NOT TURN OFF SSM STATUS REPORTING FOR DEVICE "!" (S/R 2254)
	CAUSE	<b>An error occurred for the specified DDS device.</b>
	ACTION	<b>Check the device and reissue the command. If the problem persists, contact your HP representative.</b>
2255	MESSAGE	TAPE DEVICE IN (RE)STORESET ! DOES NOT MATCH THE DEVICE IN (RE)STORESET !. EITHER ALL OR

		NONE OF THE DEVICES SHOULD BE DDS UNITS (S/R 2255)
	CAUSE	<b>Both 1/2 inch and DDS devices were specified for a store command.</b>
	ACTION	<b>Make sure all file equations reference the same type of devices and reissue the store command.</b>
2259	MESSAGE	SET INFORMATION AREA OF DIRECTORY EXTENSION MISSING
	CAUSE	<b>No parallel store set information was written to this tape.</b>
	ACTION	<b>Contact your HP representative.</b>
2263	MESSAGE	THE MEDIA ON LDEV ! WAS CREATED WITH DEVICE HARDWARE COMPRESSION. THIS MEDIA CAN NOT BE RESTORED WITH THE CURRENT DRIVE. IF THE DEVICE IS AN 7980XC THEN TURN ON THE DEVICE COMPRESSION FEATURE AND RETRY. (S/R 2263)
	CAUSE	<b>You are trying to restore from a hardware compressed tape with a non-compression drive.</b>
	ACTION	<b>If possible, enable compression on your drive. Alternately, restore this tape with a device capable of reading a hardware-compressed tape.</b>
2265	MESSAGE	OPEN ERROR WHILE REMAPPING THE BACKUP FILE ON LDEV ! (S/R 2265)
	CAUSE	<b>STORE encountered an error while closing the specified magneto-optical device.</b>
	ACTION	<b>Contact your HP representative.</b>
2266	MESSAGE	MAPIN ERROR WHILE REMAPPING THE BACKUP FILE ON LDEV ! (S/R 2266)
	CAUSE	<b>STORE encountered an error while closing the specified magneto-optical device.</b>
	ACTION	<b>Contact your HP representative.</b>
2267	MESSAGE	CLOSE ERROR WHILE REMAPPING THE BACKUP FILE ON LDEV ! (S/R 2267)
	CAUSE	<b>STORE encountered an error while closing the specified magneto-optical device.</b>
	ACTION	<b>Contact your HP representative.</b>
2268	MESSAGE	THE VOLUME SET NAME ! MOUNTED ON LDEV ! IS GREATER THAN 8 CHARACTERS. ONLY FIRST 8 CHARACTERS WILL BE USED TO CONSTRUCT THE BACKUP FILE NAME (S/R 2268)
	CAUSE	<b>Store/Restore will only use the first 8 characters of the</b>

		<b>specified name for the magneto-optical backup file name.</b>
	<b>ACTION</b>	<b>If this behavior does not produce an acceptable backup name, abort store, correct the volume set name, and retype the command.</b>
2271	MESSAGE	STORE FAILED TO CREATE ITS CHILD PROCESS !: PROCESS MANAGEMENT ERROR ! (S/R 2271)
	CAUSE	<b>Store/Restore encountered an internal error.</b>
	ACTION	<b>Contact your HP representative for further assistance.</b>
2272	MESSAGE	CHILD PROCESS ID ! HAS UNEXPECTEDLY TERMINATED (S/R 2272)
	CAUSE	<b>Store/Restore encountered an internal error.</b>
	ACTION	<b>Contact your HP representative for further assistance.</b>
2280	MESSAGE	STORE/RESTORE ENCOUNTERED INTERNAL ERROR ! FROM PROCEDURE "!" AT LINE ! OF PROCEDURE "!" (S/R 2280)
	CAUSE	<b>STORE failed because of an unexpected internal error.</b>
	ACTION	<b>Contact your HP Support Representative and give the procedure number and the line number where the error occurred.</b>
2281	MESSAGE	STORE/RESTORE ENCOUNTERED UNEXPECTED ERROR ! FROM SUBSYS ! AT LINE ! OF PROCEDURE "!" (S/R 2281)
	CAUSE	<b>STORE failed because of an unexpected internal error.</b>
	ACTION	<b>Contact your HP Support Representative and give the procedure number and the line number where the error occurred.</b>
2282	MESSAGE	WARNING: STORE ENCOUNTERED HPFOPEN ERROR ! WHILE CREATING DIRECTORY DISC FILE. (S/R 2282)
	CAUSE	<b>STORE encountered an open error while creating media directory disc file.</b>
	ACTION	<b>Information only because restore will use the media directory from the tape.</b>
2283	MESSAGE	THE SPECIFIED STORE DIRECTORY ("!") DOES NOT MATCH THE MOUNTED BACKUP. (S/R 2283)
	CAUSE	<b>The disc media directory specified in the command line does not match the name of the directory on the tape.</b>
	ACTION	<b>Verify the store directory name specified on your command line and also make sure you have mounted the correct tape.</b>

2284	MESSAGE	CREATED STORE DIRECTORY DISK FILE: "!"
	CAUSE	<b>Due to either the ONLINE=END or STOREDIRECTORY options, STORE created a disk file with the specified name. This disk file contains the store directory information for the backup just created.</b>
	ACTION	<b>Information only.</b>
2285	MESSAGE	CREATED LINK "!" TO STORE DIRECTORY DISK FILE
	CAUSE	<b>Due to the STOREDIRECTORY=<i>name</i> option, STORE created a symbolic link to the store disk directory file.</b>
	ACTION	<b>Information only.</b>
2286	MESSAGE	STORE DIRECTORY DISK FILE OCCUPIES ! SECTORS
	CAUSE	<b>This is the size, in sectors, of the newly created store disk directory file.</b>
	ACTION	<b>Information only.</b>
2288	MESSAGE	STORE ENCOUNTERED UNEXPECTED ERROR ! FROM SUBSYS ! WHILE WAITING FOR SYNC POINT (S/R 2288)
	CAUSE	<b>STORE aborted because it encountered an unexpected error while trying to sync all the files at sync point.</b>
	ACTION	<b>Contact your HP Support Representative.</b>
2289	MESSAGE	WARNING: STORE ENCOUNTERED UNEXPECTED TRAP ! FROM SUBSYS ! WHITE COPYING DATA FOR DIRECTORY DISC FILE. (S/R 2289)
	CAUSE	<b>STORE encountered an error while creating disc media directory file.</b>
	ACTION	<b>Information only.</b>
2290	MESSAGE	STORE DISC DIRECTORY FILE WILL NOT BE CREATED, BUT BACKUP IS STILL GOOD. (S/R 2290)
	CAUSE	<b>STORE was unable to create a disc media directory file, but the STORE will continue and complete normally.</b>
	ACTION	<b>Information only and no action required.</b>
2291	MESSAGE	WARNING: STORE ENCOUNTERED FILE SYSTEM ERROR WHILE PREPARING THE DISC DIRECTORY FILE EOF (S/R 2291)
	CAUSE	<b>STORE encountered an unexpected error while preparing the disc media directory file.</b>
	ACTION	<b>Information only and no action required because STORE will complete storing all the files.</b>
2292	MESSAGE	WARNING: STORE ENCOUNTERED FILE SYSTEM ERROR



		WHILE SETTING THE DISC DIRECTORY FILE EOF (S/R 2292)
	CAUSE	<b>STORE encountered an error while writing the end of file marker in the disc media directory file.</b>
	ACTION	<b>Information only and no active required because STORE will complete storing all the files.</b>
2293	MESSAGE	WARNING: STORE ENCOUNTERED FILE SYSTEM ERROR WHILE CLOSING THE DISC DIRECTORY FILE (S/R 2293)
	CAUSE	<b>STORE is unable to close the disc media directory file.</b>
	ACTION	<b>Information only and no action required because STORE will store all the files.</b>
2294	MESSAGE	WARNING: STORE ENCOUNTERED FILE SYSTEM ERROR WHILE CREATING SYMBOLIC LINK ! TO DISC DIRECTORY FILE !. THE SYMBOLIC LINK WILL NOT BE CREATED, BUT THE BACKUP IS STILL GOOD AND THE ORIGINAL DISC DIRECTORY FILE STILL EXISTS. (S/R 2294)
	CAUSE	<b>STORE failed to create a symbolic link to the store directory file specified in your command line.</b>
	ACTION	<b>Information only and no action required. Check the name specified in your command line.</b>
2295	MESSAGE	WARNING: RESTORE ENCOUNTERED UNEXPECTED TRAP ! FROM SUBSYS ! WHILE READING THE DISC DIRECTORY FILE. DISC DIRECTORY FILE WILL NOT BE USED (S/R 2295)
	CAUSE	<b>RESTORE is unable to read the disc media directory file.</b>
	ACTION	<b>Information only. RESTORE will complete normally because it will use the media directory from the tape.</b>
2296	MESSAGE	USER REQUESTED TERMINATION DURING ONLINE SYNC POINT (S/R 2296)
	CAUSE	<b>When asked if you wanted to abort the online backup before the sync point, you replied yes.</b>
	ACTION	<b>The backup will abort and will not be a valid backup.</b>
2297	MESSAGE	SERIAL (RE)STORESETS CANNOT BE USED WITH DISC BACKUP FILE "!" (S/R 2297)
	CAUSE	<b>Serial (re)storesets cannot be used when storing to disk files.</b>
	ACTION	<b>Use a single disk file or parallel disk files for your backup.</b>
2298	MESSAGE	DEVICE FILE "!" IS AN UNSUPPORTED FILE TYPE. ONLY STANDARD FILES CAN BE USED FOR DISC

		BACKUP(S/R 2298)
	CAUSE	<b>Only standard, fixed or undefined record files may be used for store-to-disk.</b>
	ACTION	<b>Specify a standard file for the store-to-disk.</b>
2299	MESSAGE	PATH NAME OF DISC DEVICE "!" IS TOO LONG (S/R 2299)
	CAUSE	<b>A filename for a store-to-disk file was too long.</b>
	ACTION	<b>Specify a short filename for the store-to-disk file.</b>
2300	MESSAGE	STORE/RESTORE WAS UNABLE TO OPEN PERMANENT DISC FILE REFERENCED BY DEVICE "!" (S/R 2300)
	CAUSE	<b>STORE is unable to open the necessary disc file for disc backup.</b>
	ACTION	<b>Check the free space in the disc device and try the STORE command again.</b>
2301	MESSAGE	STORE/RESTORE WAS UNABLE TO OPEN NEXT PERMANENT DISC FILE "!" (S/R 2301)
	CAUSE	<b>STORE or RESTORE needed to store or restore files to another disc file, but was unable to open the specified file.</b>
	ACTION	<b>Make sure the existing file exists and that you have security access to the file.</b>
2302	MESSAGE	RESTORE CANNOT RESTORE FILES FROM PARALLEL SET ! BECAUSE REQUIRED DISC FILE WAS NOT SUPPLIED IN RESTORESET OPTION (S/R 2302)
	CAUSE	<b>RESTORE cannot restore files from fewer parallel disk files than were created during the backup.</b>
	ACTION	<b>Specify all parallel disk files created during the backup with the ;RESTORESET option.</b>
2303	MESSAGE	REMOTE FILE "!" IS NOT SUPPORTED FOR DISC BACKUP (S/R 2303)
	CAUSE	<b>You cannot specify a remote disc device or a remote file for disc backup.</b>
	ACTION	<b>Check your file equation and try the STORE command again.</b>
2321	MESSAGE	A MEDIA IS CURRENTLY MOUNTED ON THE MO LDEV ! (S/R 2321)
	CAUSE	<b>The magneto-optical drive Store/Restore wanted to use is already occupied.</b>
	ACTION	<b>Removed the media from the specified ldev and retype the command.</b>

2332	MESSAGE	ALLOCATE SERVICE OF MEDIA MANAGER ENCOUNTERED ERROR (S/R 2332)
	CAUSE	<b>Store/Restore could not allocate a magneto-optical device.</b>
	ACTION	<b>Check the magneto-optical hardware and reissue the command. If the problem persists, contact your HP representative.</b>
2352	MESSAGE	MOUNT BY NAME REQUEST GOT A REPLY WITH UNWANTED MEDIA NAME STORE REQUESTED MEDIA NAME: ! MEDIA MANAGER MOUNTED NAME: ! THE MEDIA MANAGER MOUNTED INCORRECT MEDIA ON LDEV ! (S/R 2352)
	CAUSE	<b>The incorrect media is mounted for Store/Restore.</b>
	ACTION	<b>Check the mounted media and/or the Store command and make sure they match each other. Retype the command.</b>
2370	MESSAGE	THE BACKUP NAME SPECIFIED ALREADY EXISTS IN THE MO BOX CONTAINING LDEV !. PLEASE RETRY THE BACKUP COMMAND WITH A NEW NAME. IF YOU OMIT THE NAME OPTION THEN BACKUP WILL GENERATE A UNIQUE NAME FOR YOUR OPERATION IN BKtime.Ddate.system_name FORMAT. (S/R 2370)
	CAUSE	<b>The name specified for a backup already exists in the magneto-optical device.</b>
	ACTION	<b>Either specific a non-existent name, or let Store assign one for you.</b>
2373	MESSAGE	STORE/RESTORE GOT UNEXPECTED ERROR ! FROM SUBSYS ! WHILE ATTEMPTING TO GET THE MEDIA MANAGER PORT (S/R 2373)
	CAUSE	<b>An internal error occurred while initializing the Magneto Optical device.</b>
	ACTION	<b>Contact your HP Support Representative.</b>
2374	MESSAGE	STORE/RESTORE FAILED TO GET MEDIA MANAGER PORT. MEDIA MANAGER DOES NOT APPEAR TO BE INSTALLED. (S/R 2374)
	CAUSE	<b>Your system does not have a Magneto Optical media manager software installed.</b>
	ACTION	<b>Check your installation process. Otherwise contact your HP Support Representative.</b>
2401	MESSAGE	STORE SURROGATE ENCOUNTERED FOPEN FAILURE ON 'SYSLIST' FILE. (S/R 2401)
	CAUSE	<b>Surrogate failed to open the syslist file.</b>
	ACTION	<b>Check the syslist file equation and retry.</b>

2402	MESSAGE	STORE SURROGATE ENCOUNTERED FOPEN FAILURE ON 'OFFLINE' FILE (S/R 2402)
	CAUSE	<b>Surrogate failed to open the offline file.</b>
	ACTION	<b>Check the offline file equation and retry.</b>
2413	MESSAGE	STORE SURROGATE FAILED TO SEND IPC MESSAGE: IPC ERROR !. (S/R 2413)
	CAUSE	<b>System utility failure.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2417	MESSAGE	STORE SURROGATE ENCOUNTERED ERROR READING STORE IPC MESSAGE: IPC ERROR !. (S/R 2417)
	CAUSE	<b>System utility failure.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2426	MESSAGE	STORE SURROGATE CAUGHT BAD ESCAPE FROM SUBSYS ! WITH ERROR !. (S/R 2426)
	CAUSE	<b>Store internal error.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2427	MESSAGE	FILE LABEL EXTENSIONS FOR FILE ! ARE TOO BIG TO BE STORED IN ONE MEDIA RECORD. (S/R 2427)
	CAUSE	<b>The record size of the store device are too small to hold all the file extension information.</b>
	ACTION	<b>If possible, increase the record size of the output device and reissue the store command.</b>
2428	MESSAGE	STORE SURROGATE ENCOUNTERED FATAL SHADOW ERROR ! (S/R 2428)
	CAUSE	<b>The surrogate process encountered a fatal error from the SHADOW subsystem.</b>
	ACTION	<b>Report the error to your HP Support Representative.</b>
2501	MESSAGE	STMGT RETURNED UNKNOWN ERROR. (S/R 2501)
	CAUSE	<b>Store could not decipher storage management error.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2502	MESSAGE	STMGT WAS UNABLE TO CLOSE FILE CORRECTLY. VOLUME MANAGEMENT FAILED TO INCREMENT FILE OPEN COUNT (FOCT). (S/R 2502)
	CAUSE	<b>Store internal error.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2503	MESSAGE	STMGT CANNOT OPEN THE FILE, LABEL IS INVALID, DEALLOCATED OR VOLUME WHERE LABEL RESIDES IS SPUN DOWN. (S/R 2503)

	CAUSE	<b>Store internal error.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2504	MESSAGE	STMGT CANNOT OBTAIN SUFFICIENT RESOURCES (GUFV/VSD) TO OPEN THE FILE. (S/R 2504)
	CAUSE	<b>System internal error.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2505	MESSAGE	STMGT VIEW OF THIS FILE IS OUT OF SYNC. (S/R 2505)
	CAUSE	<b>System internal error.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2506	MESSAGE	STMGT COULD NOT MAP IN FILE BECAUSE FILE LIMIT IS 0. (S/R 2506)
	CAUSE	<b>Store internal error.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2507	MESSAGE	STMGT COULD NOT MAP IN FILE BECAUSE IT IS IN USE FOR WRITING. (S/R 2507)
	CAUSE	<b>Some user has the file open for write.</b>
	ACTION	<b>Retry when the file is not in use.</b>
2508	MESSAGE	STMGT COULD NOT MAP IN FILE (VOLUME(S) CONTAINING EXTENTS OF THE FILE MAY NOT BE MOUNTED). (S/R 2508)
	CAUSE	<b>Some unmounted volumes in the volume set.</b>
	ACTION	<b>Mount all volumes in the volume set and retry.</b>
2509	MESSAGE	STMGT COULD NOT FILE VOLUME ID OF FILE ON THE SYSTEM (VOLUME MAY NOT BE MOUNTED). (S/R 2509)
	CAUSE	<b>Some unmounted volumes in the volume set.</b>
	ACTION	<b>Mount all volumes in the volume set and retry.</b>
2510	MESSAGE	STMGT COULD NOT REMAP FILE TO NEW ACCESS RIGHTS. (S/R 2510)
	CAUSE	<b>Store internal error.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2511	MESSAGE	STMGT WAS UNABLE TO CLOSE FILE CORRECTLY. VOLUME MANAGEMENT FAILED TO DECREMENT FILE OPEN COUNT (FOCT). (S/R 2511)
	CAUSE	<b>System internal error.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>

2512	MESSAGE	STMGT WAS UNABLE TO CLOSE ROOT DIRECTORY NODE. (S/R 2512)
	CAUSE	<b>System internal error.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2513	MESSAGE	STMGT WAS UNABLE TO CLOSE ACCOUNT DIRECTORY NODE. (S/R 2513)
	CAUSE	<b>System internal error.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2514	MESSAGE	STMGT WAS UNABLE TO CLOSE GROUP DIRECTORY NODE. (S/R 2514)
	CAUSE	<b>System internal error.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2515	MESSAGE	STMGT RETURNED BAD STATUS FROM SUBSYSTEM !, ERROR !. (S/R 2515)
	CAUSE	<b>System internal error.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2516	MESSAGE	STMGT WAS UNABLE TO ACCESS GLOBAL UNIQUE FILE DESCRIPTOR (GUFID) OF FILE. (S/R 2516)
	CAUSE	<b>System internal error.</b>
	ACTION	<b>Call your Hewlett-Packard Support Representative.</b>
2601	MESSAGE	GENFPARSE RETURNED UNKNOWN ERROR (S/R 2601)
	CAUSE	<b>GENFPARSE returned an unknown error to STORE/RESTORE (SUBSYS = FILE SYSTEM).</b>
	ACTION	<b>File a service request with Hewlett-Packard.</b>
2602	MESSAGE	GENFPARSE RETURNED STATUS FROM SUBSYSTEM !, ERROR ! (S/R 2602)
	CAUSE	<b>GENFPARSE returned an unknown error to STORE/RESTORE (SUBSYS = UNKNOWN).</b>
	ACTION	<b>File a service request with Hewlett-Packard.</b>
2603	MESSAGE	INVALID CHARACTER FOUND IN THE FILESET SPECIFIED (S/R 2603)
	CAUSE	<b>An invalid character was detected in the specified fileset.</b>
	ACTION	<b>Correct the fileset name.</b>
2604	MESSAGE	THE FILE SET PATH SPECIFIED IS TOO LONG (S/R 2604)
	CAUSE	<b>The specified file set path combined with the current working directory exceeds the maximum allowed path</b>

		<b>length.</b>
	ACTION	<b>Copy the file into a shorter length directory and then store.</b>
2605	MESSAGE	THE FILE SET USES MALFORMED CHARACTER CLASS (S/R 2605)
	CAUSE	<b>The file set uses malformed character class.</b>
	ACTION	<b>Correct the fileset name.</b>
2608	MESSAGE	A FILE NAME IN SPECIFIED PATH BEGINS WITH A "-" (S/R 2608)
	CAUSE	<b>A file name in specified path begins with a "-".</b>
	ACTION	<b>Correct the fileset name.</b>
2609	MESSAGE	A FILE SET SPECIFIED BEGINS WITH A "/" (S/R 2609)
	CAUSE	<b>A file set specified begins with a "/".</b>
	ACTION	<b>Correct the fileset name.</b>
2610	MESSAGE	A NEGATIVE FILE SET CONTAINS ".." (S/R 2610)
	CAUSE	<b>A negative HFS file set containing ".." was found following an MPE file set.</b>
	ACTION	<b>Either make the right hand side MPE syntax or make the left hand side HFS syntax.</b>
2611	MESSAGE	A NEGATIVE HFS FILE SET FOUND AFTER MPE FILESET. IF THE LEFT HAND SIDE OF THE "fileset1 - fileset2" IS AN MPE SET THEN THE RIGHT HAND SIDE MUST BE AN MPE FILESET. NOTE THAT AN UNQUALIFIED FILESET IS ALSO CONSIDERED AN HFS SET IF CURRENT WORKING DIRECTORY IS NOT A GROUP. (S/R 2611)
	CAUSE	<b>A negative HFS file set was found following an MPE file set.</b>
	ACTION	<b>Either make the right hand side MPE syntax or make the left hand side HFS syntax.</b>
2612	MESSAGE	THE HFS DOMAIN FILESET IS NOT ALLOWED WITH THE RENAME OPTION (S/R 2612)
	CAUSE	<b>An attempt was made to use an HFS domain file set with the RENAME option.</b>
	ACTION	<b>Remove the RENAME option.</b>
2613	MESSAGE	A NAME COMPONENT IN THE PATH SPECIFIED EXCEEDS THE MAXIMUM ALLOWED NAME LENGTH (S/R 2613)

	CAUSE	<b>A HFS syntax filename component was too long.</b>
	ACTION	<b>Check the spelling and syntax of your input and retype the STORE command.</b>
2651	MESSAGE	HFS FILE SCANNER ERROR SUBSYSTEM !, ERROR ! (S/R 2651)
	CAUSE	<b>An unknown error was returned from the HFS scanner.</b>
	ACTION	<b>File a service request with Hewlett-Packard.</b>
2652	MESSAGE	! NOT STORED: PATH DOES NOT EXIST
	CAUSE	<b>The specified path does not exist.</b>
	ACTION	<b>Check the path name and retry.</b>
2651	MESSAGE	HFS FILE SCANNER ERROR SUBSYSTEM !, ERROR ! (S/R 2651)
	CAUSE	<b>An unknown error was returned from the HFS scanner.</b>
	ACTION	<b>File a service request with Hewlett-Packard.</b>
2652	MESSAGE	! NOT STORED: PATH DOES NOT EXIST
	CAUSE	<b>The specified path does not exist.</b>
	ACTION	<b>Check the path name and retry.</b>
2653	MESSAGE	! NOT STORED: SPECIFIED DIRECTORY TOO DEEP
	CAUSE	<b>The specified directory is too many levels deep.</b>
	ACTION	<b>Copy the files into a shallower level directory and then store.</b>
2654	MESSAGE	! NOT STORED: UNKNOWN SCAN ERROR
	CAUSE	<b>An unknown error was returned from the HFS scanner.</b>
	ACTION	<b>File a service request with Hewlett-Packard.</b>
2655	MESSAGE	! NOT STORED: SECURITY VIOLATION
	CAUSE	<b>A security violation was encountered.</b>
	ACTION	<b>Request that your system manager store the file.</b>
2656	MESSAGE	! NOT STORED: NO TRAVERSE ACCESS
	CAUSE	<b>The operation requires that the user have Traverse Directory (TD) access.</b>
	ACTION	<b>Request your system manager to store the file.</b>
2657	MESSAGE	! NOT STORED: EXCLUSIVE OPEN VIOLATION
	CAUSE	<b>An exclusive file open violation occurred.</b>
	ACTION	<b>Wait for the file to be closed, then store.</b>
2658	MESSAGE	! NOT CONSIDERED: PATH NAME TOO LONG



	CAUSE	<b>The specified path name is too long</b>
	ACTION	<b>Copy the file into a shorter length directory and then store.</b>
2660	MESSAGE	! NOT STORED: SCANNER FAILED TO HPFOPEN NODE
	CAUSE	<b>The scanner failed to HPFOPEN the node.</b>
	ACTION	<b>File a service request with Hewlett-Packard.</b>
2661	MESSAGE	! NOT STORED: PATH NAME TOO LONG
	CAUSE	<b>The specified path name is too long.</b>
	ACTION	<b>Copy the file into a shorter length directory and then store.</b>
2662	MESSAGE	! SKIPPED: TRANSPORT TO MPE/XL INFORMATION FILE
	CAUSE	<b>The file HFSMAP._HFSGROUP._HFSACCT was not restored.</b>
	ACTION	<b>Information only.</b>
2663	MESSAGE	! NOT STORED: PATH NAME CONTAINED TOO MANY SYMBOLIC LINKS POSSIBLE CIRCULAR DEFINITION I.E. LINKA -> LINKB, LINKB -> LINKA
	CAUSE	<b>The maximum number of symbolic link traversals was exceeded. This could indicate a circular definition.</b>
	ACTION	<b>Check the syntax of the input file set and reissue the store command.</b>
2701	MESSAGE	THE UNDERBAR CHARACTER IS NOT ALLOWED WITH MPE SYNTAX CFILE NAME (S/R 2701)
	CAUSE	<b>The underbar character ( _ ) was specified as part of the file name in an MPE syntax entry.</b>
	ACTION	<b>Remove the underbar character or use HFS syntax.</b>
2702	MESSAGE	THE UNDERBAR CHARACTER IS NOT ALLOWED WITH MPE SYNTAX GROUP NAME (S/R 2702)
	CAUSE	<b>The underbar character ( _ ) was specified as part of the group name in an MPE syntax entry.</b>
	ACTION	<b>Remove the underbar character or use HFS syntax.</b>
2703	MESSAGE	THE UNDERBAR CHARACTER IS NOT ALLOWED WITH MPE SYNTAX ACCOUNT NAME (S/R 2703)
	CAUSE	<b>The underbar character ( _ ) was specified as part of the account name in an MPE syntax entry.</b>
	ACTION	<b>Remove the underbar character or use HFS syntax.</b>
2704	MESSAGE	STORE/RESTORE FAILED TO GET CURRENT WORKING

DIRECTORY FROM HIERARCHIAL DIRECTORY  
SUBSYSTEM. LOGON GROUP ASSUMED AS THE CURRENT  
WORKING DIRECTORY (S/R 2704)

CAUSE **STORE/RESTORE failed to get the current working  
directory from the hierarchial directory subsystem.**

ACTION **File a service request with Hewlett-Packard.**

2705 MESSAGE ! NOT RESTORED: COULD NOT CREATE PATH

CAUSE **The file was not stored because the path could not be  
created.**

ACTION **Check to ensure that you have create directory  
capabilities.**

2706 MESSAGE FAILED TO CREATE TRANSPORT MAPPING FILE (S/R  
2706)

CAUSE **The transport mapping file was not created due to the lack  
of available disk space.**

ACTION **Check for available disk space. If that is not a problem,  
then file a service request with Hewlett-Packard.**

2707 MESSAGE RESTORE FAILED TO LINK IN THE OBJECT,  
ENCOUNTERED ERROR ! FROM HPDIR SUBSYSTEM (S/R  
2707)

CAUSE **RESTORE failed to link in the object.**

ACTION **File a service request with Hewlett-Packard.**

2708 MESSAGE ! NOT RESTORED: CREATE=PATH OPTION NEEDED

CAUSE **The file was not restored because the CREATE=PATH  
option is needed to create the missing portions of the file  
path.**

ACTION **Specify the CREATE=PATH option.**

2709 MESSAGE STORE/RESTORE ENCOUNTERED PASCAL LIBRARY  
ERROR !, AT CODE OFFSET ! (S/R 2709)

CAUSE **A Pascal Library error was encountered.**

ACTION **File a service request with Hewlett-Packard.**

2710 MESSAGE ! NOT STORED: ACD TRANSLATION ERROR (S/R  
2710)

CAUSE **An ACD translation error was encountered.**

ACTION **File a service request with Hewlett-Packard.**

2711 MESSAGE ! NOT RESTORED: PATH IS NOT A DIRECTORY (S/R  
2711)

CAUSE **The specified path is not a directory.**

	ACTION	<b>Remove the existing file conflicting with the incoming path and retry.</b>
2712	MESSAGE	RESTORE ENCOUNTERED ERROR ! FROM SUBSYS ! WHILE CREATING USER/GROUP DATABASE. THE PXUTIL.PUB.SYS UTILITY SHOULD BE RUN BY THE SYSTEM MANAGER TO RECREATE THE DATABASES.
	CAUSE	<b>An error was encountered while creating the User/Group Database.</b>
	ACTION	<b>The system manager should run the PXUTIL.PUB.SYS utility to recreate the databases. Also you should file a service request with Hewlett-Packard.</b>
2713	MESSAGE	THE BACKWARD TRANSPORT NAMES GENERATED FOR HIERARCHIAL DOMAIN FILES WRAPPED AROUND. RESTORING THIS MEDIA ON MPE XL 4.0 AND BEFORE MAY NOT RESTORE ALL OF THE HFS DOMAIN FILES. (S/R 2713)
	CAUSE	<b>The backward transport names generated for hierarchial domain files wrapped around.</b>
	ACTION	<b>Do not use this media for backward migration to pre-HFS systems.</b>
2714	MESSAGE	! NOT RESTORED: ERROR WAS ENCOUNTERED RESTORING ACD/OWNER OF THIS DIRECTORY. (S/R 2714)
	CAUSE	<b>An error was encountered restoring the ACD/Owner of this directory.</b>
	ACTION	<b>Check capabilities to alter the existing directory. If the capabilities are appropriate, then file a service request with Hewlett-Packard.</b>
2715	MESSAGE	THE UDERBAR CHARACTER IS NOT ALLOWED WITH MPE SYNTAX LOCKWORD. (S/R 2715)
	CAUSE	<b>An attempt was made to use the underbar character ( ) as part of the lockword.</b>
	ACTION	<b>Remove the underbar character from the lockword.</b>
2716	MESSAGE	! NOT RESTORED: SECURITY VIOLATION. FAILED TO RESET OWNER OF THIS DIRECTORY ON DISK (S/R 2716)
	CAUSE	<b>A security violation was encountered while attempting to reset the owner of the directory.</b>
	ACTION	<b>Check capabilities to alter the existing directory. If the capabilities are appropriate, then file a service request with Hewlett-Packard.</b>
2717	MESSAGE	! NOT RESTORED: SECURITY VIOLATION. FAILED TO

		RESET ACD OF THIS DIRECTORY ON DISK (S/R 2717)
	CAUSE	<b>A security violation was encountered while attempting to reset the ACD of the directory.</b>
	ACTION	<b>Check capabilities to alter the existing directory. If the capabilities are appropriate, then file a service request with Hewlett-Packard.</b>
2718	MESSAGE	! WILL BE RESTORED WITH ORIGINAL CREATOR. SECURITY VIOLATION WHILE ATTEMPTING TO ALTER CREATOR
	CAUSE	<b>The UID for this file could not be altered.</b>
	ACTION	<b>Check capabilities to alter the creator. If the capabilities are appropriate, then file a service request with Hewlett-Packard.</b>
2719	MESSAGE	NAME BUFFER OVERFLOWED WHILE TRYING TO DISPLAY A FILE MESSAGE. (S/R 2719).
	CAUSE	<b>The HFS syntax name is too long to be displayed.</b>
	ACTION	<b>None - the name of this file will not be displayed.</b>
2720	MESSAGE	! NOT RESTORED: SYSTEM RESTRICTION ON SAVE FILE
	CAUSE	<b>The file could not be restored because of implementation. Possibilities include trying to save "." or ".." to the directory.</b>
	ACTION	<b>Contact your HP representative.</b>
2732	MESSAGE	'NODECOMPRESS' CANNOT BE USED WITH THE 'LISTDIR' OPTION (S/R 2732)
	CAUSE	<b>The NODECOMPRESS and LISTDIR options cannot be used together.</b>
	ACTION	<b>Remove one of the two options and retype the command.</b>
2733	MESSAGE	WARNING: 'NODECOMPRESS' OPTION REDUNDANTLY SPECIFIED (S/R 2733)
	CAUSE	<b>The NODECOMPRESS option was entered more than once.</b>
	ACTION	<b>Information only.</b>
2734	MESSAGE	VSTORE WAS UNABLE TO ALLOCATE SUFFICIENT MEMORY RESOURCES TO CARRY OUT DECOMPRESSION VALIDATION (S/R 2734)
	CAUSE	<b>Due to memory pressure, VSTORE failed to allocate necessary memory.</b>
	ACTION	<b>Attempt to free up some memory on the system and reissue the command.</b>

2744	MESSAGE	WARNING: 'STATISTICS' OPTION HAS BEEN REDUNDANTLY SPECIFIED (S/R 2744)
	CAUSE	<b>The STATISTICS option was specified more than once.</b>
	ACTION	<b>Information only.</b>
2745	MESSAGE	'STATISTICS' OPTION CANNOT BE USED WITH 'TRANSPORT' TO MPEv. (S/R 2745)
	CAUSE	<b>The STATISTICS option cannot be used when creating MPEv media.</b>
	ACTION	<b>Remove one of the options and re-run the command.</b>
2801	MESSAGE	! DATABASE NOT STORED: ERROR RETRIEVING FILE LIST OF IMAGE DATABASE
	CAUSE	<b>STORE cannot store the specified IMAGE database because it could not determine what files were in the database.</b>
	ACTION	<b>Make sure that the root file of your database is not corrupted. You can also specify the ;PARTIALDB option to force STORE to store all available database files.</b>
2802	MESSAGE	! DATABASE NOT STORED: ERROR RETRIEVING FILE LIST OF ALLBASE DATABASE
	CAUSE	<b>STORE cannot store the specified ALLBASE database because it could not determine what files were in the database.</b>
	ACTION	<b>Make sure that the root file of your database is not corrupted. You can also specify the ;PARTIALDB option to force STORE to store all available database files.</b>
2807	MESSAGE	! NOT STORED: FILE IS PART OF AN IMAGE DATABASE AND ROOT IS NOT SPECIFIED.
	CAUSE	<b>Your fileset list includes files which belong to an image database whose root file is not specified.</b>
	ACTION	<b>Specify the root file name in the fileset list or use ;PARTIALDB option to force STORE to store all available database files.</b>
2808	MESSAGE	! NOT STORED: FILE IS PART OF AN ALLBASE DB ENVIRONMENT AND DBCON IS NOT SPECIFIED.
	CAUSE	<b>Your fileset list includes files which belong to a ALLBASE database whose DBCON file is not specified in the fileset.</b>
	ACTION	<b>Include the DBCON file in your fileset list or use ;PARTIALDB option to force STORE to store all available database files.</b>
2811	MESSAGE	! ALLBASE DATABASE FAILED TO COMPLETE PROPERLY

	CAUSE	An error occurred while storing an ALLBASE database during a 7x24 True-Online backup.
	ACTION	Contact your HP Support Representative.
2812	MESSAGE	ERROR QUIESCING IMAGE DATABASE ! , STATUS = !
	CAUSE	STORE encountered error during quiescing (wait for database transactions to complete) the IMAGE database.
	ACTION	Contact your HP Support Representative.
2813	MESSAGE	ERROR QUIESCING ALLBASE DATABASE ! , STATUS = !
	CAUSE	STORE encountered error while quiescing (wait for database transactions to complete) the ALLBASE database.
	ACTION	Contact your HP Support Representative.
2816	MESSAGE	! ERROR CHECKING QUIESCE STATUS FOR IMAGE DATABASE
	CAUSE	STORE encountered error while quiescing (wait for database transactions to complete) the IMAGE database.
	ACTION	Contact your HP Support Representative.
2817	MESSAGE	! ERROR CHECKING QUIESCE STATUS FOR ALLBASE DATABASE
	CAUSE	STORE encountered error while quiescing (wait for database transactions to complete) the ALLBASE database.
	ACTION	Contact your HP Support Representative.
2820	MESSAGE	! ERROR UNQUIESCING IMAGE DATABASE
	CAUSE	STORE encountered while unquiescing (allow new transactions to start) the IMAGE database.
	ACTION	Call your HP Support Representative.
2821	MESSAGE	! ERROR UNQUIESCING ALLBASE DATABASE
	CAUSE	STORE encountered an error while unquiescing (allow new transactions to start) the ALLBASE database.
	ACTION	Contact your HP Support Representative.
2824	MESSAGE	! DATABASE NOT STORED: FILE MISSING FROM IMAGE DATABASE
	CAUSE	All of the files in the TurboIMAGE database could not be found on the system.
	ACTION	STORE will not store an incomplete database, by default. Make sure all database files exist on the system. If you need to store an incomplete database, use the

		<b>;PARTIALDB option.</b>
2825	MESSAGE	! DATABASE NOT STORED: FILE MISSING FROM ALLBASE DATABASE
	CAUSE	All of the files in the ALLBASE database could not be found on the system.
	ACTION	STORE will not store an incomplete database, by default. Make sure all database files exist on the system. If you need to store an incomplete database, use the ;PARTIALDB option.
2830	MESSAGE	! NOT RESTORED: A FILE OF THIS APPLICATION SET WAS PURGED DURING STORE
	CAUSE	When the database was stored, one of more of the files in the database was purged before the sync point. Since RESTORE cannot restore the entire database, it will not restore any of the files in the database.
	ACTION	If you really need to restore all of the files in the database, even though the database will be incomplete, specify the ;PARTIALDB option and restore the files again.
3000	MESSAGE	! NOT STORED: UNEXPECTED TRAP OCCURRED WHILE ATTACHING FILE
	CAUSE	Unexpected error occurred while adding this file to the media directory list.
	ACTION	Make sure the file exists and try the STORE command again.
3001	MESSAGE	WARNING: UNEXPECTED TRAP OCCURRED WHILE DETACHING FILE ! (S/R 3001)
	CAUSE	Unexpected error occurred while disabling the logging and releasing the resources for this file.
	ACTION	Do a VSTORE to verify that this file was stored properly. Otherwise try storing the file again.
3002	MESSAGE	SHADOW WAS UNABLE TO INITIALIZE THE UFID HASH/CACHE SEMAPHORE (S/R 3002)
	CAUSE	Internal error occurred while initializing the logging facility for the store.
	ACTION	Report the error received to your HP Support Representative.
3003	MESSAGE	AN UNEXPECTED TRAP OCCURRED WHILE CREATING THE SHADOW ENVIRONMENT (S/R 3003)
	CAUSE	An internal error occurred while creating the logging facility for the store.
	ACTION	Report the error received to your HP Support

		<b>Representative.</b>
3004	MESSAGE	AN UNEXPECTED TRAP OCCURRED WHILE INSERTING THE SHADOW ENVIRONMENT INTO THE GLOBAL SHADOW CONTROL BLOCK (S/R 3004)
	CAUSE	<b>An internal error occurred while creating the logging facility for the store.</b>
	ACTION	<b>Report the error received to your HP Support Representative.</b>
3005	MESSAGE	SHADOW WAS UNABLE TO GET ITS KSO WHILE RELEASING THE SHADOW ENVIRONMENT (S/R 3005)
	CAUSE	<b>An internal error occurred while creating the logging facility for the STORE.</b>
	ACTION	<b>Report the error received to your HP Support Representative.</b>
3006	MESSAGE	SHADOW WAS UNABLE TO LOCK THE GLOBAL CONTROL BLOCK WHILE RELEASING THE SHADOW ENVIRONMENT (S/R 3006)
	CAUSE	<b>An internal error occurred while creating the logging facility for the store.</b>
	ACTION	<b>Report the error received to your HP Support Representative.</b>
3007	MESSAGE	! NOT STORED: FILE SEMAPHORE NOT OBTAINED DURING ATTACH
	CAUSE	<b>Shadow logging failed for this file.</b>
	ACTION	<b>Close the file and try storing the file again.</b>
3008	MESSAGE	! NOT STORED: FILE CLOSE FAILED DURING ATTACH
	CAUSE	<b>An internal error occurred during shadow logging.</b>
	ACTION	<b>Try storing the file again.</b>
3009	MESSAGE	! NOT STORED: UNEXPECTED FATAL SHADOW ERROR ! ENCOUNTERED
	CAUSE	<b>An unexpected internal error occurred while logging the file.</b>
	ACTION	<b>Try storing the file again and report this error to your HP Support Representative.</b>
3019	MESSAGE	SHADOW WAS UNABLE TO GET A SEMAPHORE FOR THE GLOBAL SHADOW ENVIRONMENT (S/R 3009)
	CAUSE	<b>An internal error occurred during shadow logging.</b>
	ACTION	<b>Report this error to your HP Support Representative.</b>
3020	MESSAGE	SHADOW GET AI LOGGING INFO ROUTINE



		ENCOUNTERED ERROR (S/R 3020)
	CAUSE	<b>An internal error occurred while shadow logging.</b>
	ACTION	<b>Report this error to your HP Support Representative.</b>
3021	MESSAGE	SHADOW ENABLE AI LOGGING ROUTINE ENCOUNTERED ERROR (S/R 3021)
	CAUSE	<b>An internal error occurred while shadow logging.</b>
	ACTION	<b>Report this error to your HP Support Representative.</b>
3022	MESSAGE	SHADOW NOTIFY SYNC POINT ROUTINE ENCOUNTERED ERROR (S/R 3022)
	CAUSE	<b>An internal error occurred while shadow logging.</b>
	ACTION	<b>Report this error to your HP Support Representative.</b>
3023	MESSAGE	SHADOW ENABLE STORE RECOVERY ROUTINE ENCOUNTERED ERROR (S/R 3023)
	CAUSE	<b>An internal error occurred while shadow logging.</b>
	ACTION	<b>Report this error to your HP Support Representative.</b>
3025	MESSAGE	AN ERROR TRAP OCCURRED WHILE GETTING IMAGE OF THE USER MAPPED FILE AT THE SYNC POINT
	CAUSE	<b>An internal error occurred while shadow logging this file.</b>
	ACTION	<b>Try storing the file again.</b>
3026	MESSAGE	! WARNING: LOG DATA WRITTEN FOR FILE MAY NOT BE THE MOST RECENT
	CAUSE	<b>This cm file was open during sync point. So the copy of the file stored may not be a very recent copy. The copy was taken either at the last close or FCONTROL 6.</b>
	ACTION	<b>Close the file and try storing the file again.</b>